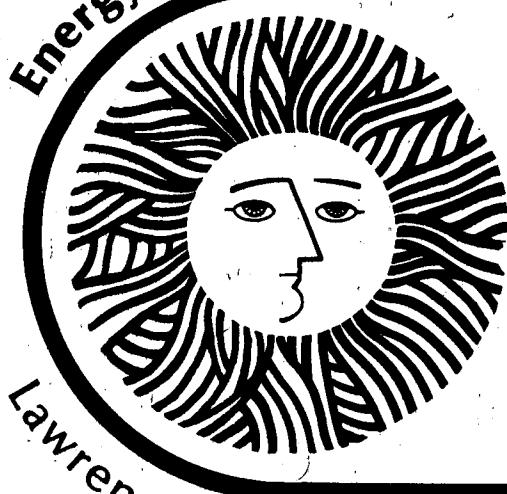


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MASTER

Energy and Environment Division



Lawrence Berkeley Laboratory University of California/Berkeley  
Prepared for the U.S. Department of Energy under Contract No. W-7405-ENG-48

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April 1978

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## Geothermal Emissions Data Base

### Wairakei Geothermal Field

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compiled by

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Division of Basic Energy Sciences  
Division of Biomedical and Environmental Research  
Division of Environmental Impacts  
Division of Geothermal Energy

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## Introduction

The National Geothermal Information Resource of the Lawrence Berkeley Laboratory is a data analysis group sponsored by the U.S. Department of Energy. One of the objectives of the group is to compile and manage a computerized database for the known geothermal areas worldwide. This report records the addition of a new database subset on the gaseous emissions from the Wairakei geothermal field. Properties and states of the reservoir fluid such as flow rates, wellhead pressure and enthalpy are included in the file along with the well name and constituent measurement. This subset is the result of an initial screening of the data covering 1965-1971, and new additions will be appended periodically to the file.

The data is accessed by a database management system as are all other subsets in the file. Thereby, one may search the database for specific data requirements and print selective output. For example, one may wish to locate reservoir conditions for cases only when the level of the constituent exceeded a designated value. Data output is available in the form of numerical compilations such as the attached, or graphical displays disposed to paper, film or magnetic tape.

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**Data Source**

Chemistry Division,  
D.S.I.R.,  
Private Bag,  
PETONE

18th May 1971.

The Geothermal Coordinator,  
Head Office,  
D.S.I.R.,  
WELLINGTON.

GAS CHARACTERISTICS OF DRILLHOLE DISCHARGES AT  
WAIRAKEI TO FEBRUARY 1971

SUMMARY

This report summarises the results obtained from a survey of gas contents of drillhole discharges carried out in February-March 1971. Little change has occurred since the last survey in February 1969. However, the integrated mass output has decreased 9.5%, the integrated steam output by 10.4% and the average separating pressure from 130 to 116 psig.

Calculations show that the gas content of the "excess" steam in some high enthalpy drillholes is similar to that of the "dry" steam drillholes.

INTRODUCTION

This is the sixteenth detailed survey of the gas contents and compositions of the drillhole discharges at Wairakei. The results of previous surveys were reported in D.L. 118/16 - RBG/9, 10, 15 and 20, by Glover 1970 and CD 118/16 - WAJM 45. A total of 60 drillholes were sampled, plus the I.P. side of the 20 D.F. unit and the 55 D.F. unit.

The significance of the gas content results in relation to the solubility of  $\text{CO}_2$  and  $\text{H}_2\text{S}$  in  $\text{NaCl}$  solutions was discussed by Ellis in D.L. 118/16<sup>2</sup>-AJE 14 and in the above reports. Early results and calculations suggest that, (a) the 250 - 260°C chloride water probably contains no steam as it moves into the Production Area until it meets lower pressures which allow steam to separate, and (b) the initial  $\text{CO}_2$  concentration before steam separation is probably 18 - 22 millimoles/100 moles.

Well Number Index

## WAIRAKEI GEOTHERMAL FIELD

WELL NUMBER	RECORD NUMBER					
4/1	1, 2, 3, 4, 5, 6,					
4/2	7, 8, 9, 10, 11, 12, 13, 14,					
9	85, 86, 87, 88, 89, 90, 91, 92,					
14	93, 94, 95, 96, 97, 98, 99,					
15	100, 101, 102, 103, 104, 105, 106, 107,					
18	108, 109, 110, 111, 112, 113, 114,					
21	115, 116, 117, 118, 119, 120					
22	174, 175, 176, 177, 178, 179, 180, 181, 182,					
24	183, 184, 185, 186, 187, 188,					
25	189, 190, 191, 192, 193, 194, 195,					
26A	196, 197, 198, 199, 200, 201,					
26B	202, 203, 204, 205, 206, 207,					
27	208, 209, 210, 211, 212, 213,					
28	214, 215, 216, 217, 218, 219,					

WELL NUMBER	RECORD NUMBER
30	220, 221, 222, 223, 224, 225,
37	15, 16, 17, 18, 19, 20, 21, 22,
38	23, 24, 25, 26, 27, 28, 29, 30,
39	31, 32, 33, 34, 35, 36, 37, 38,
40	39, 40, 41, 42, 43, 44,
41	45, 46, 47, 48, 49, 50, 51, 52,
42	53, 54, 55, 56, 57, 58, 59, 60,
43	61, 62, 63, 64, 65, 66, 67, 68,
44	226, 227, 228, 229, 230, 231,
45	121, 122, 123, 124, 125, 126, 127, 128,
46	232, 233, 234, 235, 236, 237,
47	238, 239, 240, 241, 242, 243,
48	244, 245, 246, 247, 248,
50	249,
52	129, 130, 131, 132, 133, 134, 135, 136,

WELL NUMBER	RECORD NUMBER
53	69, 70, 71, 72, 73, 74, 75, 76,
56	250, 251, 252, 253, 254, 255, 256,
57	257, 258, 259, 260, 261, 262,
58	77, 78, 79, 80, 81, 82, 83, 84,
59	137, 138, 139, 140, 141, 142,
60	143, 144, 145, 146, 147, 148,
61	149, 150, 151, 152, 153, 154,
62	155, 156, 157, 158, 159, 160, 161,
63	162, 163, 164, 165,
65	263, 264, 265, 266, 267, 268, 269,
66	270, 271, 272, 273, 274, 275,
67	276, 277, 278, 279, 280, 281, 282,
68	283, 284,
70	285, 286, 287, 288, 289, 290, 291, 292, 293,
71	294, 295, 296, 297, 298, 299,

WELL NUMBER	RECORD NUMBER
72	300, 301, 302, 303, 304, 305, 306, 307, 308,
73	166, 167, 168, 169, 170, 171, 172, 173,
74	309, 310, 311, 312, 313, 314,
76	315, 316, 317, 318, 319, 320, 321,
80	322, 323, 324, 325, 326, 327, 328, 329,
81	330, 331, 332, 333, 334, 335,
82	336, 337, 338, 339, 340,
83	341, 342, 343, 344, 345, 346,
86	347, 348,
88	349, 350, 351, 352, 353, 354, 355,
92	356, 357, 358, 359, 360, 361,
101	362, 363, 364, 365,
103	366, 367, 368, 369, 370,
105	371, 372, 373, 374, 375, 376,
107	377, 378, 379, 380, 381, 382,

WELL NUMBER	RECORD NUMBER
108	383, 384, 385, 386, 387, 388, 389, 390,
109	391, 392, 393, 394, 395,
116	396, 397, 398, 399,
118	400, 401, 402,

**Data Base Records**

## RECORD 1

## BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/1;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1200;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 33.000;

JNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 186;

JNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

## NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 7.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 226.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 7.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 225.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 2

BASIC-INFO:

CCOUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/1;

WELLHEAD PRESSURE = 177;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1072;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 181;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 6.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 214.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 5.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 182.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

## RECORD 3

## BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 4/1;  
WELLHEAD PRESSURE = 176;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 176;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1028;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 30.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 169;  
UNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

## NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 6.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 227.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 5.2000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 182.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 4

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/1;

WELLHEAD PRESSURE = 165;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 162;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1046;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 33.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 178;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JANUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 6.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 215.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 5.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 177.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

## RECORD 5

## BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 4/1;  
WELL-HEAD PRESSURE = 82;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 76;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1049;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 52.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 163;  
UNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

## NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 4.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 125.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.1000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 106.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 6

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/1;

WELLHEAD PRESSURE = 161;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 70;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1198;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 205;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MARCH;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 6.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 211.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 6.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 211.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 7

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/2;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 67;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1075;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 68.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 287;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H<sub>2</sub>S = 6.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 167.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 5.8000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 147.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 8

BASIC-INFO:

COJNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/2;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 74;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1038;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 66.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 281;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 5.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 169.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 5.1000;

CO2 = 141.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 9

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 4/2;  
  WELLHEAD PRESSURE = 75;  
    UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 68;  
    UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 942;  
    UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 63.000;  
    UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 261;  
    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 6.1000;  
    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 165.00;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 4.5000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 120.00;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 10

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 4/2;

  WELL-HEAD PRESSURE = 67;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 57;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 946;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 58.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 228;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JANUARY;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 6.5000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 155.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 4.8000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 115.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

## RECORD 11

## BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 4/2;

WELLHEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 57;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 925;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 56.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 192;

UNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

## NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 5.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 135.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H2S = 4.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 97.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 12

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 4/2;

  WELL-HEAD PRESSURE = 72;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 67;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 854;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 49.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 144;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = APRIL;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.3000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 115.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.3000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 73.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

## RECORD 13

## BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 4/2;  
WELLHEAD PRESSURE = 70;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 67;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 880;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 45.000;  
JNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 150;  
JNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

## NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 6.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 140.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H2S = 4.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 93.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 14

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 4/2;

  WELL-HEAD PRESSURE = 67;

  JUNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 64;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 590;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 48.000;

  JUNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 165;

  JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.4000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 138.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 1.9000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 47.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 15

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 37;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 70;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 920;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 38.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 92;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 98.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 69.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71:

RECORD 15

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 37;

WELLHEAD PRESSURE = 82;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1000;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 83;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 3.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 105.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 83.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 17

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 37;  
  WELLHEAD PRESSURE = 80;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 75;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 970;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 26.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 71;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 3.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 108.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.0000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 82.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 18

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 37;  
  WELLHEAD PRESSURE = 72;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 68;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 1017;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 36.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 93;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 3.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 104.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 3.2000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 84.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 19

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 37;

WELLHEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 66;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 978;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 84;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 107.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 83.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 20

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 37;  
WELLHEAD PRESSURE = 84;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 80;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 973;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 30.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 68;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 4.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 90.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 3.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 68.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 21

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 37;

WELLHEAD PRESSURE = 77;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 943;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 27.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 65;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 96.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 2.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 70.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 22

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 37;

  WELLHEAD PRESSURE = 75;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 75;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1037;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 25.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT (CO<sub>2</sub> + H<sub>2</sub>S) = 47;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H<sub>2</sub>S = 2.8000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 74.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 2.3000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 61.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 23

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 38;

  WELLHEAD PRESSURE = 74;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 71;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1043;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 52.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 185;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = SEPTEMBER;

  MEASUREMENT YEAR = 1965;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

  H<sub>2</sub>S = 5.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 140.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 4.3000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 118.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 24

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 38;

WELLHEAD PRESSURE = 74;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 74;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1070;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 159;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 5.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 138.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 4.4000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 120.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 25

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 38;

WELLHEAD PRESSURE = 83;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1025;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 29.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 99;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 134.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 109.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 26

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 38;

WELLHEAD PRESSURE = 67;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 63;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1022;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 38.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 127;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JANUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 5.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 133.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 109.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 27

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 38;  
  WELLHEAD PRESSURE = 63;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 60;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 1005;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 36.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 116;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1968;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 4.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 129.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.9000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 103.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 28

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 38;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 73;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1019;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 51.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 159;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 125.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 102.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 29

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 38;  
  WELLHEAD PRESSURE = 76;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 74;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 1035;  
  JUNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 35.000;  
  JUNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 111;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 4.6000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 125.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.8000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 104.00;  
  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 30

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 38;

  WELLHEAD PRESSURE = 72;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 63;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1022;

    UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 27.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 96;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = MARCH;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 5.2000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 139.00;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 4.3000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 114.00;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 31

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 39;  
WELLHEAD PRESSURE = 72;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 70;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 408;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 72.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 86;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 47.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.29000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 6.3000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 32

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 39;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 71;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 404;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 64.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 74;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 46.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.26000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 33

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 39;

  WELLHEAD PRESSURE = 76;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 67;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 409;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 52.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 65;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 2.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 49.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.28000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 6.5000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 34

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 59;  
WELLHEAD PRESSURE = 68;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 65;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 416;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 63.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 73;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 46.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.32000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 6.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 35

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 39;

  WELLHEAD PRESSURE = 67;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 59;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 413;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 62.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 71;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 2.4000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 45.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.36000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 6.8000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 36

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = NAIRAKEI GEOTHERMAL FIELD;  
WELL = 39;  
WELLHEAD PRESSURE = 73;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 67;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 388;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 45.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 26;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 1.4000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 23.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.16000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 2.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 37

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 39;  
  WELLHEAD PRESSURE = 73;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 67;  
  JNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 369;  
  JNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 49.000;  
  JNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 30;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 1.7000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 24.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.16000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 2.3000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 38

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 39;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 65;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 386;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 34;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 29.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 39

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 40;  
WELLHEAD PRESSURE = 187;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 186;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1071;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 35.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 111;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 5.000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 125.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 4.200;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 107.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 40

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 40;

WELLHEAD PRESSURE = 175;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 172;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1068;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 32.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = .97;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 121.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 102.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 41

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 40;

  WELLHEAD PRESSURE = 178;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 170;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 990;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 23.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 73;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 4.6000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 125.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 3.5000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 94.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 42

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 40;  
WELLHEAD PRESSURE = 132;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 121;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1054;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 59.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 175;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 4.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 117.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 98.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 43

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 40;  
  WELLHEAD PRESSURE = 126;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 124;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 1071;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 58.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 186;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 4.7000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 128.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 4.0000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 110.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 44

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 40;  
WELLHEAD PRESSURE = 119;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 112;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1145;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 60.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 187;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 4.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 125.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 118.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 45

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 41;  
WELLHEAD PRESSURE = 98;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 91;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 498;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 57.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 89;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 3.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 60.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.70000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 13.300;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 46

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 41;

WELLHEAD PRESSURE = 91;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 85;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 514;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 62.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 91;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 58.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.69000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 13.800;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 47

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 41;

WELLHEAD PRESSURE = 87;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 82;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 465;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 54.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 82;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 60.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.56000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 11.200;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 48

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 41;  
WELLHEAD PRESSURE = 85;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 72;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 528;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 57.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 69;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.6000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 48.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.69000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 12.800;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 49

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 41;

WELLHEAD PRESSURE = 80;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 74;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 540;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 59.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 76;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 50.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.78000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 14.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 50

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 41;

WELLHEAD PRESSURE = 86;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 73;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 556;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 53.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 64;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 47.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.83000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 14.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 51

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 41;

  WELLHEAD PRESSURE = 83;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 78;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 450;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 51.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 62;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = FEBRJARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 3.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 48.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.52000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 8.4000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 52

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 41;

  WELLHEAD PRESSURE = 81;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 69;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 412;

    UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 43.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 49;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H<sub>2</sub>S = 2.3000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 46.000;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.32000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 6.4000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 53

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 42;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1055;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 63.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 250;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 160.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 137.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 54

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 42;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 956;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 58.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 229;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSABLE GASES.1:

UNITS (NONCONDENSABLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

C<sub>3</sub>H<sub>8</sub> = 159.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSABLE GASES.2:

H<sub>2</sub>S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

C<sub>3</sub>H<sub>8</sub> = 118.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 55

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 42;

WELLHEAD PRESSURE = 78;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 70;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 963;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 55.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 201;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 145.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 109.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 55

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 42;

WELLHEAD PRESSURE = 72;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 984;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 68.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 225;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 132.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 102.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 57

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 42;  
  WELLHEAD PRESSURE = 70;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 62;  
  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 961;  
  JUNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 53.000;  
  JUNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 199;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1968;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H<sub>2</sub>S = 4.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 148.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 3.7000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 112.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 58

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 42;

WELLHEAD PRESSURE = 76;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 67;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 885;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 57.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 198;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 139.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 93.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 59

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 42;

  WELLHEAD PRESSURE = 73;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 70;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 886;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 57.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 219;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 5.3000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 153.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 3.5000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 102.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 50

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 42;  
WELLHEAD PRESSURE = 77;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 65;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 841;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 51.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 171;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;  
H<sub>2</sub>S = 4.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 134.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.0000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 83.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;  
SHORT CODE = ELLIS 71;

RECORD 61

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELLHEAD PRESSURE = 113;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 102;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 506;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 57.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 139;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 98.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.67000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 21.700;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 62

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELLHEAD PRESSURE = 83;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 497;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 73.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 149;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 81.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.58000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 18.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 63

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 503;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 58.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 119;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 82.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.60000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 19.500;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 64

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELLHEAD PRESSURE = 80;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 65;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 503;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 62.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 125;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1957;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 81.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.63000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 19.800;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 65

ESIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 60;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 474;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 61.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 105;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 69.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.59000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 14.900;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 66

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 43;  
WELLHEAD PRESSURE = 74;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 72;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 460;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 53.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 75;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 2.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 56.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.38000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 10.700;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 67

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELL-HEAD PRESSURE = 71;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 402;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 37.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 46;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 49.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 6.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 68

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 43;

WELLHEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 67;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 398;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 26.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 6;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 9.0000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 69

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 53;

WELLHEAD PRESSURE = 76;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 70;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1010;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 62.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 136;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 87.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 70.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 70

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 53;  
WELLHEAD PRESSURE = 76;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 69;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1075;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 61.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 133;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1;  
UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 4.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO<sub>2</sub> = 87.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 3.5000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 76.000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 71

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 53;

  WELLHEAD PRESSURE = 77;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 73;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1076;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 49.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 121;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H2S = 4.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 99.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.6000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 87.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 72

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 53;

WELLHEAD PRESSURE = 82;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1072;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 48.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 131;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 110.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.8000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 97.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 73

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 53;

  WELLHEAD PRESSURE = 79;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 67;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1069;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 47.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 138;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H<sub>2</sub>S = 4.8000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 117.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 4.2000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 102.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 74

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 53;

WELLHEAD PRESSURE = 74;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 998;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 45.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 115;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 101.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 80.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 75

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 53;

WELLHEAD PRESSURE = 69;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 66;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1032;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 76;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H<sub>2</sub>S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 102.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 85.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 76

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 53;

WELLHEAD PRESSURE = 80;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 65;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 890;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 16.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 36;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 91.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 61.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 77

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 58;

WELL-HEAD PRESSURE = 98;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 85;

UNITS (SEPARATING PRESSURE) = PSIG;

EVTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 50;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 43.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.34000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 6.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 78

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 58;

WELL-HEAD PRESSURE = 97;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 84;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 421;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 45;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 42.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.27000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 79

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 58;

WELLHEAD PRESSURE = 93;

JUNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 82;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 405;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 40.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 39;

JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSABLE GASES.1:

UNITS (NONCONDENSABLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 39.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSABLE GASES.2:

H2S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 4.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 80

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 58;

  WELLHEAD PRESSURE = 88;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 80;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 405;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 37.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 35;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JANUARY;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 2.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 37.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.25000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 4.6000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 81

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 58;

WELLHEAD PRESSURE = 88;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 80;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 403;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 41.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 36;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 34.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 4.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 82

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 58;

WELL-HEAD PRESSURE = 89;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 80;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 393;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 40.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 29;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 28.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 83

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 58;  
WELLHEAD PRESSURE = 92;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 85;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 402;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 36.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 28;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 1.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 31.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 84

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL.1 = 58;

WELL.2 = FEBRUARY;

WELLHEAD PRESSURE = 83;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 386;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 22;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 28.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.19000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 85

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 9;

WELLHEAD PRESSURE = 76;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 73;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 818;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 15.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 33;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 7.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 84.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 49.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 86

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 9;

WELLHEAD PRESSURE = 81;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 736;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 14.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 29;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 7.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 77.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 38.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 87

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 9;

  WELLHEAD PRESSURE = 76;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 76;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 685;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 13.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 28;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.8000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 80.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.0000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 35.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 88

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 9;  
WELLHEAD PRESSURE = 70;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 70;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 734;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 14.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 28;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;  
MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 6.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 76.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.4000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 38.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 89

BASIC-INFO:

COJNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 9;

WELLHEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 66;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 732;

JNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 14.000;

JNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 27;

JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 7.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 76.0000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 3.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 38.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 90

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 9;  
  WELLHEAD PRESSURE = 74;  
  JUNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 70;  
  JUNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 723;  
  JUNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 13.000;  
  JUNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 25;  
  JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = APRIL;  
  MEASUREMENT YEAR = 1968;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  JUNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 6.7000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 76.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 3.3000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 37.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 91

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 9;  
WELL-HEAD PRESSURE = 72;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 71;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 767;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 13.000;  
JNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 28;  
JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 6.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 83.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 3.4000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 44.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 92

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 9;

  WELL-HEAD PRESSURE = 73;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 70;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 979;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 11.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 27;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

  H<sub>2</sub>S = 6.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 93.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H<sub>2</sub>S = 4.7000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 71.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 93

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 14;  
WELLHEAD PRESSURE = 78;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 78;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1070;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 20.000;  
JNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 53;  
JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 6.4000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 105.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 5.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 91.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 94

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 14;

WELLHEAD PRESSURE = 77;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1043;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 15.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 37;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 94.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 79.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 95

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 14;

WELLHEAD PRESSURE = 77;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 76;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 940;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 9.1000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 25;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 6.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 106.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 77.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 96

EASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 14;

WELLHEAD PRESSURE = 65;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 62;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 915;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 8.2000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 22;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 104.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 74.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 97

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 14;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 70;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 766;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 6.0000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 7.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 108.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 58.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 98

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 14;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 878;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 6.7000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 6.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 106.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 70.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 99

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 14;

WELLHEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 920;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 5.2000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 14;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 6.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 108.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 76.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 100

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 15;

WELLHEAD PRESSURE = 84;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 79;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 838;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 32.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 84;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 103.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 63.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 101

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 15;  
WELLHEAD PRESSURE = 84;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 77;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 837;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 32.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 89;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;  
H<sub>2</sub>S = 5.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 111.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.2000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 67.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 102

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 15;

WELLHEAD PRESSURE = 90;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 89;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 831;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 28.000;

JUNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 86;

JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 122.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 73.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 103

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 15;  
WELLHEAD PRESSURE = 80;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 78;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 803;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 27.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 96;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 5.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 143.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.9000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 81.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 104

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 15;

WELLHEAD PRESSURE = 68;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 740;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 103;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 138.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.7000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 76.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 105

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 15;

  WELLHEAD PRESSURE = 83;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 80;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 732;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 27.000;

  JUNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 102;

  JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = APRIL;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.2000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 151.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.5000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 74.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 106

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 15;

WELLHEAD PRESSURE = 89;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 84;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 736;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 22.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 74;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 5.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 132.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 2.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 65.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 107

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 15;

WELLHEAD PRESSURE = 75;

JUNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 581;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 21.000;

JUNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 86;

JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MARCH;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 164.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 1.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 53.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 108

BASIC-INFO.1;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 18;

  SEPARATING PRESSURE = 78;

BASIC-INFO.2;

  SEPARATING PRESSURE = 77;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 615;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 51.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 189;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = SEPTEMBER;

  MEASUREMENT YEAR = 1965;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H2S = 6.6000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 146.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 2.4000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 52.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 109

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 18;

WELLHEAD PRESSURE = 84;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 82;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 631;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 49.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 166;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 5.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 133.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 50.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 110

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 18;

WELLHEAD PRESSURE = 90;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 86;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 630;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 168;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 6.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.:

CO2 = 145.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 54.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 111

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 18;

  WELLHEAD PRESSURE = 80;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 75;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 640;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 57.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 • H2S = 185;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 127.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.3000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 50.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 112

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 18;

  WELLHEAD PRESSURE = 92;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 77;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 522;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 43.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 110;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = APRIL;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.3000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 100.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 1.4000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 26.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 113

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 18;

  WELLHEAD PRESSURE = 84;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 83;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 603;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 45.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 134;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRJARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H<sub>2</sub>S = 5.5000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 118.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 1.9000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 41.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 114

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 18;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 70;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 554;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 40.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 113;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 5.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 111.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 33.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 115

BASIC-INFO:

COJNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 21;  
WELLHEAD PRESSURE = 84;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 80;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 602;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 35.000;  
JNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 53;  
JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 4.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 59.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.4000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 20.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 116

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 21;

WELLHEAD PRESSURE = 83;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 80;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 595;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 33.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 63;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 76.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.4000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 25.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 117

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 21;

  WELLHEAD PRESSURE = 91;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 91;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 553;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 28.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 57;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

  H2S = 4.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 81.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 1.2000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 23.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 118

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 21;

  WELLHEAD PRESSURE = 82;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 82;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 539;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 27.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 62;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H<sub>2</sub>S = 4.3000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 90.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 1.2000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 25.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 119

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 21;

  WELLHEAD PRESSURE = 87;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 84;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 600;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 24.000;

  JNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 51;

  JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = APRIL;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 4.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 84.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 1.4000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 29.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 120

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 21;

  WELL-HEAD PRESSURE = 85;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 84;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 504;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 24.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 65;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 4.3000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 107.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 1.0000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 25.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 121

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 45;

WELLHEAD PRESSURE = 195;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 193;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1200;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 125;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 125.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 5.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 125.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 122

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 45;

WELLHEAD PRESSURE = 180;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 178;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1200;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 41.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 92;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 88.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 88.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 123

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 45;  
  WELLHEAD PRESSURE = 182;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 175;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 1199;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 36.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 96;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H<sub>2</sub>S = 5.4000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 106.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 5.4000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 106.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 124

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 45;

WELLHEAD PRESSURE = 172;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 170;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1199;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 118;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 101.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 5.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 101.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 125

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 45;  
WELLHEAD PRESSURE = 168;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 167;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1198;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 45.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 119;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 5.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 103.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 5.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 103.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 125

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 45;

WELLHEAD PRESSURE = 174;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1199;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 84;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 94.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 94.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 127

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 45;

WELLHEAD PRESSURE = 173;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 171;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1198;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 85;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 5.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 96.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 5.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 96.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 128

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 45;

WELL-HEAD PRESSURE = 155;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 155;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1197;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 75;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 96.000;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 4.8000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 96.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.3;

CO<sub>2</sub> = 96.000;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 129

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELLHEAD PRESSURE = 76;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 75;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 768;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 34.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 114;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1;  
UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 6.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO<sub>2</sub> = 132.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 3.2000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 70.000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 130

BASIC-INFO;

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELLHEAD PRESSURE = 83;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 77;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 875;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 35.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 120;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 5.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO2 = 134.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 87.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 131

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 52;  
WELLHEAD PRESSURE = 83;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 82;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 808;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 31.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 105;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 5.6000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 136.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 78.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 132

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 52;

  WELL-HEAD PRESSURE = 75;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 74;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 667;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 31.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 95;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 5.3000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 123.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 2.2000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 52.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 133

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 52;

  WELLHEAD PRESSURE = 70;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 68;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 634;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM DUTPYT = 35.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS DUTPYT CO2 + H2S = 116;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.9000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 132.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.3000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 51.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 134

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 52;

  WELLHEAD PRESSURE = 77;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 73;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 627;

    UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 28.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 778;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = APRIL;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H2S = 5.2000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 111.00;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.0000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 42.000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 135

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 52;  
  WELLHEAD PRESSURE = 82;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 82;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 610;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 26.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 81;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 5.1000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
  CO2 = 122.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 1.8000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 43.000;  
  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 136

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 52;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 800;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 98;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 111.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 2.7000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 64.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 137

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 59;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 669;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 24.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 86;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 143.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 61.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 138

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 59;

WELLHEAD PRESSURE = 73;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 596;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 123;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 4.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 138.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 47.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 139

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 59;

WELLHEAD PRESSURE = 80;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 77;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 480;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 25.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 84;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 132.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.88000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 28.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 140

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 59;

WELLHEAD PRESSURE = 83;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 79;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 460;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 33.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 81;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 99.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.69000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 18.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 141

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 59;  
WELL-HEAD PRESSURE = 78;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 78;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 478;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 27.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 75;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 3.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 111.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.79000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 23.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 142

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 59;

  WELL-HEAD PRESSURE = 75;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 68;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 449;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 25.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 63;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 3.7000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 100.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.67000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 18.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 143

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 60;  
  WELLHEAD PRESSURE = 73;  
  JNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 69;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 527;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 39.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 109;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = SEPTEMBER;  
  MEASUREMENT YEAR = 1965;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 3.8000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
  CO2 = 111.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 1.0000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 30.000;  
  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 144

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 60;  
WELLHEAD PRESSURE = 81;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 74;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 507;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 41.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 105;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 3.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO<sub>2</sub> = 102.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.85000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 25.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

## RECORD 145

## BASIC-INFO:

COUNTRY = NEW ZELAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 60;  
WELL-HEAD PRESSURE = 76;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 74;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 634;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 32.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 89;  
UNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 3.9000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO<sub>2</sub> = 111.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.5000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 43.000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 146

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 60;

WELLHEAD PRESSURE = 125;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 69;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 500;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 24.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 39;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 66.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.70000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 16.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 147

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 60;  
  WELLHEAD PRESSURE = 86;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 77;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 488;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 28.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 63;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRJARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 3.3000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 90.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.72000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 20.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 148

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 60;  
WELLHEAD PRESSURE = 85;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 65;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 466;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 25.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 54;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1;  
UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 3.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO<sub>2</sub> = 87.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;  
H<sub>2</sub>S = 0.66000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 7.5000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;  
SHORT CODE = ELLIS 71;

RECORD 149

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 61;  
  WELLHEAD PRESSURE = 86;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 80;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 779;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 51.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 153;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = SEPTEMBER;  
  MEASUREMENT YEAR = 1965;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;  
  H2S = 4.8000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 119.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.6000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 65.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 150

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 61;  
  WELLHEAD PRESSURE = 86;  
    UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 80;  
    UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 678;  
    UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 51.000;  
    UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 141;  
    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 4.2000;  
    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 111.00;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 1.8000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 48.000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 151

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 61;  
  WELLHEAD PRESSURE = 87;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 80;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 823;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 55.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 159;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = MAY;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 4.3000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 115.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 2.5000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 68.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 152

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 61;

WELLHEAD PRESSURE = 74;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 71;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1020;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 49.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 23;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 19.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.90000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 15.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 153

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 61;

WELLHEAD PRESSURE = 77;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 77;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1033;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 114;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 98.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 81.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 154

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 61;

WELL-HEAD PRESSURE = 79;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 76;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 725;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 41.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 113;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 109.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 53.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 155

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 62;

WELL-HEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 67;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 433;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 40.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 48;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 48.0000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.35000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 8.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 156

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 62;

WELLHEAD PRESSURE = 74;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 73;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 421;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 41.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 45;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 44.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 6.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 157

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 62;

  WELLHEAD PRESSURE = 76;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 74;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 408;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 28.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 35;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 1.7000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 46.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.22000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 6.1000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 158

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 62;

WELLHEAD PRESSURE = 70;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 65;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 393;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 35;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 40.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.26000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 159

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 62;

  WELLHEAD PRESSURE = 62;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 60;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 393;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 29.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 22;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1968;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 1.4000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 30.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.18000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 3.9000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 160

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 62;

WELLHEAD PRESSURE = 67;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 60;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 395;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 22;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MARCH;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 29.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 161

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 62;  
WELL-HEAD PRESSURE = 68;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 57;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 442;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 30.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 24;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 32.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.37000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 162

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 63;

WELL-HEAD PRESSURE = 71;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 69;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 509;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 22.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 50;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 92.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.92000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 23.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 163

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 63;  
WELLHEAD PRESSURE = 75;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 73;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 530;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 20.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 45;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 3.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 89.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.0400;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 24.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 164

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 63;

WELLHEAD PRESSURE = 77;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 469;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 17.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 37;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 85.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.50000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 165

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 63;

WELLHEAD PRESSURE = 76;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 72;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 578;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 21.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 33;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 64.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.84000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 20.500;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 166

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 73;  
WELLHEAD PRESSURE = 78;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 71;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 586;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 42.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 149;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 5.9000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 139.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 2.0000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 46.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;  
SHORT CODE = ELLIS 71;

RECORD 167

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 73;

WELL-HEAD PRESSURE = 83;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 75;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 700;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 150;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 5.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 130.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 58.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 168

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 73;  
WELLHEAD PRESSURE = 85;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 83;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 634;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 40.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 132;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 5.4000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 132.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 50.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 169

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 73;

WELLHEAD PRESSURE = 80;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 78;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 620;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 127;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 5.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 129.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 47.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 170

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 73;  
WELLHEAD PRESSURE = 70;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 63;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 624;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 41.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 115;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 5.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 111.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 2.1000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 42.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 171

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 73;  
  WELLHEAD PRESSURE = 84;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 79;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 554;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 37.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 100;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = APRIL;  
  MEASUREMENT YEAR = 1968;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 5.2000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 106.00;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 1.5000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 31.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 172

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 73;  
WELLHEAD PRESSURE = 85;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 80;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 598;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 37.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 106;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 5.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 113.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.8000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 39.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 173

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 73;

WELLHEAD PRESSURE = 75;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 68;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 558;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 88;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 116.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 35.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 174

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 22;

WELLHEAD PRESSURE = 205;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 198;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 656;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 48.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 184;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 6.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 152.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 2.1900;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 53.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 175

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 22;

  WELLHEAD PRESSURE = 200;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 195;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 652;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 46.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 180;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = MAY;

  MEASUREMENT YEAR = 1966;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 5.9000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 159.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.0400;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 54.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 175

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 22;

  WELLHEAD PRESSURE = 194;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 189;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 660;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 41.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 173;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 6.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 157.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 2.1400;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 60.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 177

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 22;  
  WELLHEAD PRESSURE = 188;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 182;  
  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 659;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 42.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 171;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 6.0000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 163.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 2.1700;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 59.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 178

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 22;

WELLHEAD PRESSURE = 172;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 170;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 523;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 69;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 89.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.86000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 18.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 179

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 22;

WELLHEAD PRESSURE = 180;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 178;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 520;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 55;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MARCH;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 72.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.68000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 14.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 180

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 22;

WELLHEAD PRESSURE = 178;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 173;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 520;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 68;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 86.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.81000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 181

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 22;

  WELLHEAD PRESSURE = 99;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 98;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 581;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 46.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 103;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRJARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 4.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 89.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 1.2400;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 27.000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 182

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 22;  
WELL-HEAD PRESSURE = 90;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 85;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 572;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 43.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 102;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 4.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 94.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.2700;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 29.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 183

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 24;  
WELLHEAD PRESSURE = 201;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 200;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 420;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 17.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 9;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 19.400;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.15000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 184

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 24;

WELLHEAD PRESSURE = 194;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 433;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 20.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 10;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 18.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 185

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 24;  
WELLHEAD PRESSURE = 112;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 100;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 420;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 42.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 19;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 1.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.23000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 2.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 186

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 24;

WELLHEAD PRESSURE = 112;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 104;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 424;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 54.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 20;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 13.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 187

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 24;  
WELLHEAD PRESSURE = 100;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 95;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 435;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 60.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 23;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 1.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 14.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71.

RECORD 188

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 24;

WELLHEAD PRESSURE = 98;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 84;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 423;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 53.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 13.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 189

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 25;  
WELLHEAD PRESSURE = 194;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 194;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1200;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 36.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 123;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 6.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 133.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 6.6000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 133.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 190

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 25;

WELLHEAD PRESSURE = 192;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 186;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1200;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 90;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 6.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 117.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 6.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 117.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 191

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 25;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 182;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1200;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 25.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 86;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 6.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 135.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 6.7000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 135.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 192

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 25;

  WELLHEAD PRESSURE = 180;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 180;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1200;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 25.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 75;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H2S = 6.2000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 117.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 6.2000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 117.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 193

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 25;  
WELLHEAD PRESSURE = 187;  
JUNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 184;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1200;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 26.000;  
JUNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 77;  
JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 5.9000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 115.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 5.9000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 115.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 194

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 25;

WELLHEAD PRESSURE = 186;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 183;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1200;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 23.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 65;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 6.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 110.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 6.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 110.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 195

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 25;  
  WELLHEAD PRESSURE = 165;  
    UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 165;  
    UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 1198;  
    UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 17.000;  
    JNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 43;  
    JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1971;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 5.3000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
  CO2 = 98.000;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 5.3000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 98.000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 196

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26A;

WELLHEAD PRESSURE = 195;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 193;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 436;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 44.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 37;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 32.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.19000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 197

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 26A;  
  WELLHEAD PRESSURE = 183;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 183;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 439;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 32.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 24;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 1.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 30.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.19000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 3.0000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 198

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26A;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 182;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 442;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 29;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 33.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.19000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 199

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26A;

WELLHEAD PRESSURE = 180;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 176;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 450;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 21;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 23.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.32000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 200

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26A;

WELLHEAD PRESSURE = 176;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 174;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 445;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 27;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 31.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

## RECORD 201

## BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 26A;  
WELLHEAD PRESSURE = 168;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 165;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 432;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 35.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS DUTPJT CO2 + H2S = 21;  
UNITS (GAS OUTPUT) = LB/HR;

## SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

## NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 2.0300;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 24.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

## NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

## BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 202

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 26B;  
WELLHEAD PRESSURE = 196;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 194;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 432;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 40.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 24;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 23.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 203

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26B;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 38.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 24;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H<sub>2</sub>S = 1.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 24.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 204

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 26B;

  WELLHEAD PRESSURE = 187;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 181;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 432;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 32.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 27;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 1.9000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 33.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.18000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 3.0000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 205

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26B;

WELL-HEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 181;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 20;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 25.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 206

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 26B;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 183;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 433;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 32.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 21;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 26.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 207

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 26B;  
WELLHEAD PRESSURE = 168;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 164;  
JUNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 424;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 32.000;  
JUNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 19;  
JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 23.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 208

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 27;  
WELL-HEAD PRESSURE = 206;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 200;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 435;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM DUTPUT = 54.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS DOUTPUT CO2 + H2S = 51;  
UNITS (GAS DOUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 2.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 36.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.24000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 3.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 209

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 27;

  WELLHEAD PRESSURE = 195;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 136;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 437;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 54.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 45;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = MAY;

  MEASUREMENT YEAR = 1966;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 2.5000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 32.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.24000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 3.00000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 210

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 27;

WELLHEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 182;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 427;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 48.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 40;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 32.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 211

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 27;

WELLHEAD PRESSURE = 192;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 178;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 429;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 51.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 26;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 20.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 212

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 27;

WELL-HEAD PRESSURE = 192;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 454;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 50.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 28;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 213

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 27;  
  WELLHEAD PRESSURE = 174;  
    UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 168;  
    UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 446;  
    UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 51.000;  
    UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 28;  
    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1971;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 2.3000;  
    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 21.000;  
    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.26000;  
    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 2.4000;  
    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 214

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 28;

WELLHEAD PRESSURE = 197;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 193;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 484;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 53.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 79;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 59.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.48000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 8.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 215

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 28;  
WELLHEAD PRESSURE = 187;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 183;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 489;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 54.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 74;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 3.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 54.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.49000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 8.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 216

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 28;

WELLHEAD PRESSURE = 193;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 192;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 517;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 49.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 60;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 47.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.54000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 8.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 217

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 28;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 507;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 48,000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 43;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 35.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.45000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 6.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 218

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 28;

WELL-HEAD PRESSURE = 189;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 185;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 476;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 44.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 33;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 29.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.32000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 4.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 219

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 28;

WELL-HEAD PRESSURE = 170;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 167;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 462;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 40.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 25;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 24.500;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.30000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 220

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 30;

WELLHEAD PRESSURE = 199;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 195;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 429;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 40.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.17000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 221

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 30;  
  WELLHEAD PRESSURE = 195;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 182;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 431;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OJTPJT = 40.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OJTPJT CO2 + H2S = 16;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 1.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 15.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.16000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 1.5000;  
  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 222

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 30;

WELL-HEAD PRESSURE = 188;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 427;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 32.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 12;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 15.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 223

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 30;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 186;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 440;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 14.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 224

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 30;

WELLHEAD PRESSURE = 180;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 440;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 12;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 11.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.19000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 225

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 30;

WELLHEAD PRESSURE = 165;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 163;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 430;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 38.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 9;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 7.9000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.17000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 0.80000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 226

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 44;

WELLHEAD PRESSURE = 196;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 196;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 443;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 41.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 21;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 20.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 227

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 44;

WELLHEAD PRESSURE = 189;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 442;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 44.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 20;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H<sub>2</sub>S = 1.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 228

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 44;  
WELLHEAD PRESSURE = 190;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 185;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 436;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 36.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 17;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO2 = 18.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 1.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 229

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 44;  
WELLHEAD PRESSURE = 185;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 180;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 431;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 32.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 7;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 1.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 8.0000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.16000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 0.75000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 230

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 44;  
WELLHEAD PRESSURE = 188;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 186;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 439;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 38.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 13;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 1.6000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 13.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.15000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 1.2400;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 231

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIKAKI GEOTHERMAL FIELD;

  WELL = 44;

  WELLHEAD PRESSURE = 175;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 168;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 433;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 40.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 13;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H<sub>2</sub>S = 1.8000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 12.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.18000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 1.2000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 232

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 46;  
WELLHEAD PRESSURE = 198;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 195;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 426;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 28.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 19;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 2.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 26.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.17000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.0000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 233

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 46;

WELL-HEAD PRESSURE = 189;

JUNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 422;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 29.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 21;

JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 27.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 234

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 46;

WELLHEAD PRESSURE = 112;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 109;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 49.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 31;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 25.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 235

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 46;  
WELLHEAD PRESSURE = 115;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 107;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 412;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 46.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 1.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 14.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.19000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 1.6000;  
SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 236

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 46;  
WELLHEAD PRESSURE = 98;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 92;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 438;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 47.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 22;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 1.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 18.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.22000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 237

EASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 46;  
WELLHEAD PRESSURE = 90;  
JNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 75;  
JNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 432;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 37.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 21;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 21.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.32000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 3.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 238

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 47;

WELLHEAD PRESSURE = 203;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 198;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 433;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 27.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 24.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 239

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 47;  
  WELL-HEAD PRESSURE = 190;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 187;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 436;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 27.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 16;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = MAY;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H<sub>2</sub>S = 2.0000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 23.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.19000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 2.1000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 240

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 47;

WELLHEAD PRESSURE = 189;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 186;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 426;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 22.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 14;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 24.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.17000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 241

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 47;  
WELLHEAD PRESSURE = 117;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 103;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 459;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 49.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 24;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 1.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 19.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.28000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 3.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 242

BASIC-INFO:

COVNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 47;  
WELLHEAD PRESSURE = 112;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 102;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 456;  
JNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 47.000;  
JNITS (STEAM OUTPUT) = KPH;  
GAS OUTPJT CO2 + H2S = 20;  
JNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 1.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 16.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.25000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 243

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 47;  
WELLHEAD PRESSURE = 98;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 77;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 431;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 41.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 16;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 1.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 14.0000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 244

BASIC-INFO:

COUNTRY = NEW ZEALAND:

KGRA = WAIRAKEI GEOTHERMAL FIELD:

WELL = 48;

WELLHEAD PRESSURE = 200;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 199;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 422;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 16.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 5;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 12.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.14000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 0.90000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 245

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 48;  
WELL-HEAD PRESSURE = 196;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 189;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 412;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 14.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 4;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 1.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 12.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.12000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 0.80000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 246

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 48;

WELLHEAD PRESSURE = 96;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 90;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 373;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 38.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 14;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 13.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.14000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 247

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 48;

WELLHEAD PRESSURE = 135;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 92;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 379;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 28.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 10;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 13.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.15000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 248

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 48;

WELLHEAD PRESSURE = 112;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 73;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 26.000;

UNITS (STEAM OUTPUT) = KPH;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 11.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.26000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.7500;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 249

ESIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 50;  
WELLHEAD PRESSURE = 89;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 83;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 414;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 25.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 11;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INF:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 1.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 18.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 2.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 250

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 59;

WELLHEAD PRESSURE = 198;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 195;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 583;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 81.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 149;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 73.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.97000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 19.300;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 251

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 56;

  WELLHEAD PRESSURE = 189;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 185;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 556;

    UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 80.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 141;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1966;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

  H2S = 3.5000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 59.000;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.83000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 16.400;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 252

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 56;  
WELLHEAD PRESSURE = 190;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 183;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 576;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 75.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 125;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 3.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO2 = 66.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.88000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 17.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 253

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 56;

WELLHEAD PRESSURE = 183;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 183;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 588;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 70.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 114;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 64.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.94000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 17.700;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 254

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 56;  
WELLHEAD PRESSURE = 168;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 163;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 496;  
JUNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 57.000;  
JUNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 105;  
JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 73.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.64000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 12.900;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 255

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 56;  
WELLHEAD PRESSURE = 186;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 186;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 504;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 65.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 86;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 3.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 52.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.52000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 9.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;  
SHORT CODE = ELLIS 71;

RECORD 256

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 56;

WELLHEAD PRESSURE = 170;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 169;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 600;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 54.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 76;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 54.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.95000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 16.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 257

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIKAKEI GEOTHERMAL FIELD;  
WELL = 57;  
WELL-HEAD PRESSURE = 199;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 196;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 438;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 31.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 30;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 38.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.23000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 3.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 258

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 57;

WELLHEAD PRESSURE = 191;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 446;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 36.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 29;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 31.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 259

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 57;  
WELL-HEAD PRESSURE = 189;  
JUNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 185;  
JUNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 452;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 33.000;  
JUNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 37;  
JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 2.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 30.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.25000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 3.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 260

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 57;

WELLHEAD PRESSURE = 191;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 440;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 29.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 261

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 57;

  WELLHEAD PRESSURE = 189;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 187;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 438;

    UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 29.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 19;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 2.0000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 26.000;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.19000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 2.5000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 262

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 57;

WELLHEAD PRESSURE = 170;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 159;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 442;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 27.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 24.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 263

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 65;  
WELLHEAD PRESSURE = 194;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 194;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1200;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 60.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 187;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 6.6000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 122.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 6.5000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 122.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 264

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 65;  
WELLHEAD PRESSURE = 184;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 184;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 1200;  
JUNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 63.000;  
JUNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 197;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 6.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO<sub>2</sub> = 123.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 6.4000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 123.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 265

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 65;

  WELLHEAD PRESSURE = 185;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 178;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1199;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 50.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 161;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 6.7000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 127.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 6.7000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 127.00;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 266

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 65;

  WELLHEAD PRESSURE = 185;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 180;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 1199;

    UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 43.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 145;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = DECEMBER;

  MEASUREMENT YEAR = 1967;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 6.4000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 134.00;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 6.4000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 134.00;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 267

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 65;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 174;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1199;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 142;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 6.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 122.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 6.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 122.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 268

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 65;

WELLHEAD PRESSURE = 177;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 175;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1199;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 45.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 143;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 6.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 125.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 6.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 125.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 269

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 65;

WELLHEAD PRESSURE = 165;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 165;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 1198;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 89;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 5.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 101.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 5.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 101.00;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 270

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 66;

WELLHEAD PRESSURE = 194;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 438;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 24;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 271

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 56;

WELL-HEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 45.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 26;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 272

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 66;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 179;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 431;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 32;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 271

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 56;

WELLHEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 45.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 26;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 272

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 66;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 179;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 431;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 32;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 273

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = NAIRAKEI GEOTHERMAL FIELD;

WELL = 66;

WELLHEAD PRESSURE = 188;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 448;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 55.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 30;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 21.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.27000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

PIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 274

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 66;

WELLHEAD PRESSURE = 170;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 430;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 48.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 13.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.18000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 275

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 66;  
WELLHEAD PRESSURE = 186;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 180;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 431;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 55.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 31;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 2.4000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 21.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.2200;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 276

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 67;  
WELLHEAD PRESSURE = 200;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 195;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 437;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 45.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 26;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 277

BASIC-INFO:

Country = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 67;  
WELLHEAD PRESSURE = 192;  
UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 183;  
UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 430;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 53.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 27;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MCLES;  
H<sub>2</sub>S = 2.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 19.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.19000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 1.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;  
SHORT CODE = ELLIS 71;

RECORD 278

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 67;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 435;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 279

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 67;

WELLHEAD PRESSURE = 183;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 181;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 38.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 16;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 15.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 280

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 67;

WELLHEAD PRESSURE = 186;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 457;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 41.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 16.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.27000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 281

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 67;

WELLHEAD PRESSURE = 182;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 182;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 441;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 45.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 19;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 15.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 282

BASIC-INFO:

COJNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 67;  
WELLHEAD PRESSURE = 170;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 165;  
JNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 434;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 41.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPJT CO2 + H2S = 12;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 2.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 11.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 283

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 68;  
WELL-HEAD PRESSURE = 118;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 85;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 448;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 33.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 11;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 1.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 12.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.26000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.00000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 284

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 58;

WELLHEAD PRESSURE = 93;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 73;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 411;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 23.000;

UNITS (STEAM OUTPUT) = KPH;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 12.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 285

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELL-HEAD PRESSURE = 198;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 450;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 52.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 78;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 60.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.40000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 7.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 286

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELLHEAD PRESSURE = 195;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 189;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 477;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 54.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 74;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 54.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.39000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 7.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 287

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 70;  
  WELLHEAD PRESSURE = 185;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 184;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 499;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 58.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 92;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 3.2000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 53.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.55000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 10.800;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 288

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 178;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 494;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 56.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 77;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 54.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.53000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 9.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 289

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELLHEAD PRESSURE = 170;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 447;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 53.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 29;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 20.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.28000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 290

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELLHEAD PRESSURE = 178;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 170;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 450;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 51.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 27;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MARCH;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 20.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 291

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELLHEAD PRESSURE = 180;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 175;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 453;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 67.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 47;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 26.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.38000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 292

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 70;

  WELLHEAD PRESSURE = 180;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 180;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 470;

    UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 53.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 59;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRJARY;

  MEASUREMENT YEAR = 1969;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 2.8000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.:

  CO2 = 43.000;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.:

NONCONDENSIBLE GASES.2:

  H2S = 0.39000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 6.0000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 293

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 70;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 165;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 445;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 52.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 56;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 42.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 4.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 294

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 71;

WELLHEAD PRESSURE = 195;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 430;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 20;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.600;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.17000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 295

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 71;  
  WELLHEAD PRESSURE = 187;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 187;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 433;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 46.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 20;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 1.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 16.300;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 0.17000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 1.4000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 296

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 71;  
  WELLHEAD PRESSURE = 180;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 177;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 426;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 37.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 18;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 1.9000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 18.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.17000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 1.6000;  
  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 297

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 71;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

| ENTHALPY = 433;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 15;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 13.100;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 298

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 71;  
  WELLHEAD PRESSURE = 183;  
    UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 180;  
    UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 432;  
    UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 42.000;  
    UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 16;  
    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:  
  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 1.9000;  
    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
  CO2 = 14.100;  
    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;  
NONCONDENSIBLE GASES.2:  
  H2S = 0.18000;  
    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 1.3000;  
    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;  
  SHORT CODE = ELLIS 71;

RECORD 299

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 71;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 165;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 412;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 12;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 12.600;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.15000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 0.98000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 300

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 213;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 202;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 543;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 106.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 290;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 109.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.95000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 23.300;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 301

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 72;

  WELLHEAD PRESSURE = 205;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 192;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 563;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 110.00;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 296;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1966;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 4.2000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 107.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H<sub>2</sub>S = 1.0100;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 25.400;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 302

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 199;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 193;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 577;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 114.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 310;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 108.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.1100;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 27.600;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 303

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 198;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 569;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 115.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 304;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 105.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.0700;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 26.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 304

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 170;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 472;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 70.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 77;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 43.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.41000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 6.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 305

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 180;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 460;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 63.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 56;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MARCH;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 35.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.35000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 4.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 306

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 72;  
WELLHEAD PRESSURE = 188;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 186;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 514;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 75.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 119;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 63.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.51000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 11.800;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 307

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 200;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 192;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 530;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 106.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 228;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 85.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.85000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 17.300;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 308

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 72;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 179;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 611;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 106.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 236;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 88.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.3100;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 27.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 309

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 74;

WELLHEAD PRESSURE = 203;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 195;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 483;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 70.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 144;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 81.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.59000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 11.900;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 310

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 74;

WELLHEAD PRESSURE = 194;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 193;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 462;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 70.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 148;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 84.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.43000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 10.200;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 311

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 74;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 463;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 66.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 152;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 92.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.47000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 11.600;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 312

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 74;

WELLHEAD PRESSURE = 186;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 179;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 447;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 57.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 71;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 49.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.32000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 313

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 74;

WELLHEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 454;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 60.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT C02 + H2S = 87;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

C02 = 57.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.38000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

C02 = 6.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 314

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 74;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 452;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 60.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 86;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 56.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.38000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 315

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 76;  
WELLHEAD PRESSURE = 197;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 195;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 457;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 58.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 71;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 2.6000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 48.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.29000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 316

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 76;  
WELLHEAD PRESSURE = 186;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 185;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 451;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 56.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 65;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1966;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 2.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 46.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.26000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 5.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;  
SHORT CODE = ELLIS 71;

RECORD 317

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 76;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 183;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 438;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 44.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 56;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 51.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 318

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 76;  
WELLHEAD PRESSURE = 183;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 180;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 440;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 41.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 50;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 49.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.25000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 319

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 76;

WELL-HEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 434;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 47.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 41;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 33.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 320

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 76;

WELLHEAD PRESSURE = 177;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 174;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 43.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 43;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 39.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 4.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 321

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 76;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 155;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 43.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 38;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 34.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.26000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 322

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 80;

WELLHEAD PRESSURE = 198;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 465;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 81;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 93.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.52000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 11.600;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 323

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 80;

WELLHEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 448;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 26.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 61;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 92.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.43000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 10.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 324

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 80;

WELLHEAD PRESSURE = 120;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 100;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 560;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 108.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 252;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 92.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 25.200;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 325

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 80;  
WELLHEAD PRESSURE = 110;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 100;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 600;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 105.00;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 297;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JANUARY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 4.9000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 112.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.5800;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 38.300;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 326

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 80;  
WELLHEAD PRESSURE = 108;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 90;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 600;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 99.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 284;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 5.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 113.00;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.6800;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 38.100;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 327

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 80;

WELLHEAD PRESSURE = 117;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 103;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 543;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 92.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 237;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 4.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 102.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 1.2000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 27.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 328

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 80;

WELL-HEAD PRESSURE = 110;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 92;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 559;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 91.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 236;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 107.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 1.3000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 30.800;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 329

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 80;

WELLHEAD PRESSURE = 90;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 76;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 553;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 73.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 247;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.7500;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 134.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 1.4000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 39.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 330

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 81;  
WELLHEAD PRESSURE = 197;  
JUNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 193;  
JUNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 443;  
JUNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 44.000;  
JUNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 23;  
JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

JUNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.2000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 20.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.22000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 331

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 81;  
  WELLHEAD PRESSURE = 189;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 184;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 448;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 48.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 23;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = MAY;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
  H2S = 2.1000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 18.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.25000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 2.0000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 332

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 81;  
WELLHEAD PRESSURE = 185;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 182;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 418;  
JUNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 35.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 16;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;  
MEASUREMENT YEAR = 1967;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLEs/100 MOLES;  
H2S = 2.1000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 17.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.16000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 333

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 81;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 420;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 39.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 15;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 14.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 334

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 81;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 420;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 36.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 14;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 14.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.17000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 335

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 81;

  WELLHEAD PRESSURE = 169;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 157;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 425;

  UNITS (ENTHALPY) = BTJ/LB;

  STEAM OUTPUT = 40.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 12;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 2.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 11.300;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.19000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 1.1000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 336

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 82;

WELLHEAD PRESSURE = 187;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 185;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 36;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 41.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 337

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 82;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 182;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 433;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 28.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 35;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 49.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.26000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 4.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 338

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 82;  
WELLHEAD PRESSURE = 180;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 178;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 425;  
JUNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 36.000;  
UVITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 35;  
JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.6000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 38.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.22000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 3.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 339

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 82;  
WELLHEAD PRESSURE = 183;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 180;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 430;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 29.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 24;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H<sub>2</sub>S = 1.9000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 32.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.17000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 2.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 340

BASIC-INFO:

COJNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 82;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 167;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 410;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 29.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 21;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASJREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 29.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 341

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 83;

WELLHEAD PRESSURE = 201;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 195;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 450;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 59.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 123;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 82.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.34000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 8.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 342

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 83;

WELLHEAD PRESSURE = 193;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 447;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 60.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 120;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 80.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.31000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 8.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 343

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 83;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 452;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 50.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 107;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 86.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.35000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 9.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 344

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 83;

WELLHEAD PRESSURE = 188;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 186;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 455;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 56.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 64;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 45.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.30000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 345

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 83;  
  WELLHEAD PRESSURE = 189;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 182;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 458;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 58.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 102;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;  
  MEASUREMENT YEAR = 1969;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 3.0000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 70.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.38000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 8.8000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 346

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 83;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 167;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 434;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 49.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 72;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 58.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.27000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 347

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 85;

  WELLHEAD PRESSURE = 42;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 10;

  UNITS (SEPARATING PRESSURE) = PSIG;

SAMPLING-INFO;

  MEASUREMENT DATE = SEPTEMBER;

  MEASUREMENT YEAR = 1965;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 4.0000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 111.00;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 348

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 86;

WELLHEAD PRESSURE = 90;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 78;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 500;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 45.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 114;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 4.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 101.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 1.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 24.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 349

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 88;  
WELLHEAD PRESSURE = 196;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 193;  
JNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 460;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 57.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 62;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;  
MEASUREMENT YEAR = 1965;  
LABORATORY = DSIR NEW ZEALAND;  
NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 2.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 42.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.32000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 5.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 350

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 88;

WELLHEAD PRESSURE = 194;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 185;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 452;

STEAM OUTPUT = 56.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 39;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 28.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 351

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 88;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 440;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 49.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 35;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 28.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 352

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 88;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 180;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 444;

UNITS (ENTHALPY) = BTU/LB;

STEAM DUTPY = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 • H2S = 31;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 26.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.25000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 353

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 88;

WELL-HEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 447;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 55.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 45;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 2.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 32.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 354

BASIC-INFO:

Country = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 88;  
WELLHEAD PRESSURE = 188;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 184;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 425;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 51.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 33;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.3000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 25.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.19000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 355

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 88;

  WELLHEAD PRESSURE = 168;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 164;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 441;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 53.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 34;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRJARY;

  MEASJREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H<sub>2</sub>S = 2.1000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 24.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H<sub>2</sub>S = 0.23000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO<sub>2</sub> = 2.7000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 355

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 92;

WELLHEAD PRESSURE = 197;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 498;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 21.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 38;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 73.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.59000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 12.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 357

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 92;

WELLHEAD PRESSURE = 189;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 487;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 24.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 42;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 70.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.51000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 10.700;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 358

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 92;

WELLHEAD PRESSURE = 104;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 94;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 473;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 32.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 39;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 48.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.48000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 8.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 359

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 92;  
WELL-HEAD PRESSURE = 94;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 87;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 555;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 32.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 23;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.8000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 27.0000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.80000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 7.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 360

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 92;

WELL-HEAD PRESSURE = 112;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 103;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 602;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 23.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 24;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 41.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.79000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 13.500;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 361

EASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 92;

WELLHEAD PRESSURE = 85;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 80;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 477;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 19.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 19;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 38.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.49000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 7.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 362

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 101;

WELLHEAD PRESSURE = 198;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 197;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 459;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 31.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 36;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 45.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.28000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 5.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 363

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 101;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 189;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 435;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 32;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 41.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 364

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 101;

WELLHEAD PRESSURE = 126;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 117;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 440;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 59.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 51;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 34.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.25000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 4.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 365

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 101;

WELL-HEAD PRESSURE = 110;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 105;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 394;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 46.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 24;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 20.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.14000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 366

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 103;

WELLHEAD PRESSURE = 105;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 50;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

SAMPLING-INFO;

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 18.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 3.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 367

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 103;  
  WELLHEAD PRESSURE = 128;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 120;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 492;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 99.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 76;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSABLE GASES.1:

  UNITS (NONCONDENSABLE GASES) = MILLIMOLES/100 MOLES;  
  H<sub>2</sub>S = 2.0000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO<sub>2</sub> = 30.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSABLE GASES.2:

  H<sub>2</sub>S = 0.38000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO<sub>2</sub> = 5.7000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 368

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 103;

WELLHEAD PRESSURE = 113;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 112;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 476;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 101.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 55;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 21.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H<sub>2</sub>S = 0.35000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 3.9000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 369

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 103;  
WELLHEAD PRESSURE = 114;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 105;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 498;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 94.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 61;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
H2S = 1.7000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 25.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.36000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 5.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 370

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 103;

  WELLHEAD PRESSURE = 105;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 95;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 491;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 80.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 41;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 1.9000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 19.200;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.63000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 6.3000;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 371

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 105;

WELL-HEAD PRESSURE = 200;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 196;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 439;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 20.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 372

BASIC-INFO;

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 105;

  WELLHEAD PRESSURE = 194;

    UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 192;

    UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 432;

    UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 35.000;

    UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 17;

    UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

  MEASUREMENT DATE = JUNE;

  MEASUREMENT YEAR = 1966;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 1.7000;

    SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 18.000;

    SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

  H2S = 0.15000;

    SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 1.6000;

    SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

  SHORT CODE = ELLIS 71;

RECORD 373

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 105;

WELL-HEAD PRESSURE = 186;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 184;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 459;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 26.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 15;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 374

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 105;

WELLHEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 179;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 438;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 21.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 7;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.:

CO<sub>2</sub> = 11.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.:

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.24000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 375

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 105;

WELLHEAD PRESSURE = 185;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 183;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 432;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 20.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 8;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 1.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 16.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.15000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 1.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 376

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 105;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 411;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 19.000;

UNITS (STEAM OUTPUT) = KPH;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H2S = 1.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 13.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.12000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 0.90000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 377

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 107;

WELLHEAD PRESSURE = 195;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 190;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 448;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42,000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 24;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 378

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 107;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 185;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 437;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 36.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 20;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = MAY;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 21.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.16000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 379

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 107;

WELLHEAD PRESSURE = 192;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 188;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 448;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 34.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 20;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 22.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.21000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.4000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 380

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 107;

WELLHEAD PRESSURE = 183;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 178;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 448;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 36.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 17.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71:

RECORD 381

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 107;  
WELLHEAD PRESSURE = 185;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 183;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 443;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM DUTPUT = 34.000;  
JNITS (STEAM DUTPUT) = KPH;  
GAS DUTPUT CO2 + H2S = 18;  
JNITS (GAS DUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 1.9000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 20.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.20000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 2.1000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;  
BIBLIOGRAPHIC DATA:  
SHORT CODE = ELLIS 71;

RECORD 382

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 107;

WELLHEAD PRESSURE = 165;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 163;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 429;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 30.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 14;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.2000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 18.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.22000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 1.7000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 383

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 108;

WELLHEAD PRESSURE = 198;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 193;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 521;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 107.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 271;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 100.00;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.77000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 19.200;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 384

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 108;

WELLHEAD PRESSURE = 190;

JUNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 187;

JUNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 520;

JUNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 117.00;

JUNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 249;

JUNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

JUNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.5000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 84.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.68000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 16.200;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 385

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 108;  
  WELLHEAD PRESSURE = 189;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 188;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 507;  
  UNITS (ENTHALPY) = BTU/LB;  
  STEAM OUTPUT = 110.00;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 257;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1967;  
  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 3.7000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 92.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.65000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
  CO2 = 16.500;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 386

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 108;

WELLHEAD PRESSURE = 182;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 181;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 502;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 103.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 243;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = DECEMBER;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1;

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 3.7000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 93.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2;

H2S = 0.65000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 16.400;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 387

BASIC-INFO;

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 108;

WELLHEAD PRESSURE = 162;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 162;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 474;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 105.00;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 227;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO;

MEASUREMENT DATE = FEBRJARY;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 4.1000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 85.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.62000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 12.900;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 388

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 108;

WELLHEAD PRESSURE = 184;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 177;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 492;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 94.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 168;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 71.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.55000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 11.700;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 389

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 108;  
WELLHEAD PRESSURE = 186;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 183;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 505;  
UNITS (ENTHALPY) = BTJ/LB;  
STEAM OUTPUT = 104.00;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 195;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRJARY;  
MEASUREMENT YEAR = 1969;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 3.5000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 74.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.53000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 13.400;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 390

BASIC-INFO:

country = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 108;

WELLHEAD PRESSURE = 168;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 168;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 520;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 99.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 182;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1971;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.4000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 73.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.58000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 14.700;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 391

BASIC-INFO:

  COUNTRY = NEW ZEALAND;  
  KGRA = WAIRAKEI GEOTHERMAL FIELD;  
  WELL = 109;  
  WELLHEAD PRESSURE = 187;  
  UNITS (WELLHEAD PRESSURE) = PSIG;  
  SEPARATING PRESSURE = 185;  
  UNITS (SEPARATING PRESSURE) = PSIG;  
  ENTHALPY = 517;  
  UNITS (ENTHALPY) = BTJ/LB;  
  STEAM OUTPUT = 26.000;  
  UNITS (STEAM OUTPUT) = KPH;  
  GAS OUTPUT CO2 + H2S = 59;  
  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = JUNE;  
  MEASUREMENT YEAR = 1966;  
  LABORATORY = DSIR NEW ZEALAND;  
  NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;  
  H2S = 4.1000;  
  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 90.000;  
  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.79000;  
  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 17.100;  
  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 392

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 109;

WELLHEAD PRESSURE = 100;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 96;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 428;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 35.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 65;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLE/100 MOLES;

H<sub>2</sub>S = 3.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 73.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.50000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 9.8000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 393

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 109;  
WELLHEAD PRESSURE = 153;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 92;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 575;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 45.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO2 + H2S = 95;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;  
MEASUREMENT YEAR = 1968;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H2S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;  
CO2 = 83.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.1000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO2 = 23.000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 394

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 109;

WELLHEAD PRESSURE = 94;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 88;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 515;

UNITS (ENTHALPY) = BTJ/LB;

STEAM OUTPUT = 36.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 66;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H2S = 4.0000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 72.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 1.0000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 17.400;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 395

BASIC-INFO:

  COUNTRY = NEW ZEALAND;

  KGRA = WAIRAKEI GEOTHERMAL FIELD;

  WELL = 109;

  WELLHEAD PRESSURE = 85;

  UNITS (WELLHEAD PRESSURE) = PSIG;

  SEPARATING PRESSURE = 74;

  UNITS (SEPARATING PRESSURE) = PSIG;

  ENTHALPY = 489;

  UNITS (ENTHALPY) = BTU/LB;

  STEAM OUTPUT = 33.000;

  UNITS (STEAM OUTPUT) = KPH;

  GAS OUTPUT CO2 + H2S = 58;

  UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

  MEASUREMENT DATE = FEBRUARY;

  MEASUREMENT YEAR = 1971;

  LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

  UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

  H2S = 3.5000;

  SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

  CO2 = 69.000;

  SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

  H2S = 0.79000;

  SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

  CO2 = 15.400;

  SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

  SHORT CODE = ELLIS 71;

RECORD 396

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 116;

WELLHEAD PRESSURE = 193;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 190;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 473;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 42.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 21;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 19.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.26000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.5000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 397

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 116;

WELLHEAD PRESSURE = 192;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 189;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 463;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 44.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO2 + H2S = 21;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = APRIL;

MEASUREMENT YEAR = 1968;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H2S = 2.3000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO2 = 18.0000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H2S = 0.29000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO2 = 2.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA;

SHORT CODE = ELLIS 71;

RECORD 398

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 116;

WELLHEAD PRESSURE = 190;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 190;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 458;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 37.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 18;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;

MEASUREMENT YEAR = 1969;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 1.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 18.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.23000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 2.2000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 399

BASIC-INFO:

COUNTRY = NEW ZEALAND;  
KGRA = WAIRAKEI GEOTHERMAL FIELD;  
WELL = 116;  
WELLHEAD PRESSURE = 169;  
UNITS (WELLHEAD PRESSURE) = PSIG;  
SEPARATING PRESSURE = 162;  
UNITS (SEPARATING PRESSURE) = PSIG;  
ENTHALPY = 454;  
UNITS (ENTHALPY) = BTU/LB;  
STEAM OUTPUT = 42.000;  
UNITS (STEAM OUTPUT) = KPH;  
GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 17;  
UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = FEBRUARY;  
MEASUREMENT YEAR = 1971;  
LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;  
H<sub>2</sub>S = 2.0000;  
SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 15.000;  
SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.25000;  
SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;  
CO<sub>2</sub> = 2.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 400

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 118;

WELLHEAD PRESSURE = 208;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 198;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 462;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 53.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 61;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = SEPTEMBER;

MEASUREMENT YEAR = 1965;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMCLES/100 MOLES;

H<sub>2</sub>S = 2.9000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 45.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.35000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.3000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 401

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 118;

WELLHEAD PRESSURE = 194;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 188;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 454;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 52.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 58;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1966;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSABLE GASES.1:

UNITS (NONCONDENSABLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 2.8000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.;

CO<sub>2</sub> = 44.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.;

NONCONDENSABLE GASES.2:

H<sub>2</sub>S = 0.32000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 5.0000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

SHORT CODE = ELLIS 71;

RECORD 402

BASIC-INFO:

COUNTRY = NEW ZEALAND;

KGRA = WAIRAKEI GEOTHERMAL FIELD;

WELL = 118;

WELLHEAD PRESSURE = 195;

UNITS (WELLHEAD PRESSURE) = PSIG;

SEPARATING PRESSURE = 194;

UNITS (SEPARATING PRESSURE) = PSIG;

ENTHALPY = 470;

UNITS (ENTHALPY) = BTU/LB;

STEAM OUTPUT = 48.000;

UNITS (STEAM OUTPUT) = KPH;

GAS OUTPUT CO<sub>2</sub> + H<sub>2</sub>S = 79;

UNITS (GAS OUTPUT) = LB/HR;

SAMPLING-INFO:

MEASUREMENT DATE = JUNE;

MEASUREMENT YEAR = 1967;

LABORATORY = DSIR NEW ZEALAND;

NONCONDENSIBLE GASES.1:

UNITS (NONCONDENSIBLE GASES) = MILLIMOLES/100 MOLES;

H<sub>2</sub>S = 3.6000;

SAMPLING SITE (H) = GAS IN STEAM AT S.P.:

CO<sub>2</sub> = 65.000;

SAMPLING SITE (C) = GAS IN STEAM AT S.P.:

NONCONDENSIBLE GASES.2:

H<sub>2</sub>S = 0.47000;

SAMPLING SITE (H) = GAS IN STEAM IN TOTAL DISCHARGE;

CO<sub>2</sub> = 8.6000;

SAMPLING SITE (C) = GAS IN STEAM IN TOTAL DISCHARGE;

BIBLIOGRAPHIC DATA:

HORT CODE = ELLIS 71;

This report was done with support from the Department of Energy. Any conclusions or opinions expressed in this report represent solely those of the author(s) and not necessarily those of The Regents of the University of California, the Lawrence Berkeley Laboratory or the Department of Energy.

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