

DOE/BC/14982--7

**TITLE: "AN INTEGRATED STUDY OF THE GRAYBURG/SAN ANDRES
RESERVOIR, FOSTER AND SOUTH COWDEN FIELDS,
ECTOR COUNTY, TEXAS"**

Topical Report for Budget Period 1

Cooperative Agreement No.: DE-FC22-94BC14982

**Contractor Name and Address: Laguna Petroleum Corporation, P.O. Drawer
2758, Midland, Texas 79702-2758**

Date of Report: February 2, 1996

Award Date: August 2, 1994

Anticipated Completion Date: January 1, 1998

Government Award for Current Year: \$1,306,000

Program Manager/Laguna: Hoxie W. Smith

**Principal Investigators: James J. Reeves, Ph.D., P.E.
Robert C. Trentham, D.G.S.
Richard Weinbrandt, Ph.D., P.E.
William Flanders, P.E.**

Project Manager/DOE: Chandra Nautiyal

Reporting Period: August 2, 1994 - December 14, 1995

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Introduction

This topical report is submitted as required for Budget Period #1 of the Class II activity entitled "An Integrated Study of the Grayburg/San Andres Reservoir, Foster and South Cowden Fields, Ector County, Texas. The report includes preliminary data, which will permit the U.S. Department of Energy (DOE) an opportunity to review such data before the project is completed. A second topical report will be submitted to the DOE at the end of Budget Period #2 and will include a comprehensive collection of the final data collected during the project.

The data contained in this report has been broken into four separate sections for ease of compilation and accessibility. The four sections are: Summary of Preliminary Data, Plots and Maps, Well Production Data, and Well Data. Additionally, all of the referenced files are being provided to Mr. Chandra Nautiyal of the Bartlesville, Oklahoma project office on an 8mm Exabyte tape created with the UNIX "tar" command. This tape is available upon request.

SECTION I
SUMMARY OF PRELIMINARY DATA

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FIELD NAME: Foster and South Cowden
RESERVOIR NAME: Grayburg/San Andres
STATE: Texas
COUNTY: Ector
FORMATIONS: Grayburg
San Andres
RRC DISTRICT: 8
FIELD DISCOVERY DATE: 1934
CURRENT OPERATOR: Laguna Petroleum
Latex Resources
CURRENT WORKING Section 36 - Laguna Petroleum
INTEREST OWNERS > 10%: Section 31, Maurice - Latex Resources

PROJECT DESCRIPTION:

Laguna Petroleum Corporation and Latex Resources in conjunction with GeoSpectrum, Inc. and Dawson Geophysical Company are proposing an enhanced oil recovery project in response to the U.S. Department of Energy's Near Term Class II Oil Program for shallow shelf carbonate reservoirs. The project is entitled, "An Integrated Study of the Grayburg/San Andres Reservoir, Foster and South Cowden Fields, Ector County, Texas". Productivity problems associated with a shallow shelf carbonate reservoir will be addressed by integrating high resolution 3-D seismic data, reservoir characterization techniques, and 3-D reservoir simulation. The purpose of the study is to yield results which will preserve access to existing well bores by identifying additional reserves. The general approach will be to shoot a 3-D seismic survey designed specifically for imaging the Grayburg/San Andres interval. The data will then be processed and interpreted using state of the art techniques aimed at identifying porosity, permeability barriers and thief zones within the reservoir. A technical team will integrate existing geological data with the geophysical results of the seismic survey for detailed reservoir characterization. These results will be used in a 3-D reservoir simulation model to delineate flow units. A field demonstration of infill drilling and water flood development will follow. Dawson Geophysical Company will be used to permit, acquire and process the seismic data. We expect the results of this study to demonstrate a methodology for reservoir characterization which is feasible for the independent operator. Furthermore, it will provide one of the first public demonstrations of the enhancement of reservoir characterization using high resolution 3-D seismic data. Additionally, it will showcase the improvement of water flood development by using an integrated multi-disciplinary approach, and the addition of otherwise unrecovered reserves by selective infill drilling. We believe this approach in reservoir development will be applicable to a wide range of shallow shelf carbonates reservoirs throughout the United States. Technology transfer will take place through all phases of the project.

PROJECT TEAM MEMBERS: Dr. James J. Reeves
Dr. Robert C. Trentham
Dr. Richard Weinbrandt
William Flanders
W. Hoxie Smith

TECHNICAL CONTRACTS: GeoSpectrum, Inc.
Dawson Geophysical

GeoSpectrum, Inc.

PRIMARY DRIVE MECHANISM: Solution gas drive

ESTIMATED PRIMARY RECOVERY FACTOR (%): 10.7%

ESTIMATED INCREMENTAL SECONDARY RECOVERY FACTOR: 3.1%

ESTIMATED TOTAL OF PRIMARY AND SECONDARY RECOVERY FACTOR: 13.8%

DATE OF FIRST PRODUCTION: 1934

NUMBER OF WELLS DRILLED IN FIELD (ALL TIME): 55 in sec. 36 and Maurice lease sec 31

WELL PATTERN: 20 acre spacing, with some replacement wells and 10 acre infills

NUMBER OF WELLS PENETRATING RESERVOIR: 59 in sec 36 and Maurice lease sec 31

TOTAL COMPLETIONS TO DATE IN FIELD: 55

TOTAL CURRENT COMPLETIONS, EACH RESERVOIR: 43 in Grayburg, 20 in San Andres

TOTAL CURRENT PRODUCERS, EACH RESERVOIR: 31 in Grayburg, 17 in San Andres

TOTAL CURRENT INJECTION WELLS, EACH RESERVOIR: 12 in Grayburg, 3 in San Andres

NUMBER OF FLOWING WELLS: 0

SUMMARY OF FIELD HISTORY:

The Foster and South Cowden Fields, located in Ector County, Texas, were discovered in 1932. Production was encountered in the Upper Grayburg dolomite at a depth of around 3,800 ft. Development was slow due to low oil prices. By 1941, development on 40 acre spacing was generally completed throughout. Early completion practices of wells were "open hole" and shooting with nitroglycerin. Initial potentials were quite high, reaching as much as 1,500 STB/D. Because of the tightness of the dolomite, producing rates declined rapidly.

During the mid fifties, most wells were restimulated by using fracture techniques that generally produced good results. In 1965, reinjection of lease water into the producing zones was begun. Injection patterns were haphazard with no particular waterflood design being considered. The injection zones responded favorably with the surrounding wells showing substantial increases in oil production.

During the early seventies, infill drilling on 20 acre spacing occurred with new wells penetrating the upper San Andres. This drilling resulted in a surge of production that rapidly declined as before. Then, in the early eighties, several offset leases operated by Amoco, UNOCAL and Sun Oil Company were converted to full scale, well engineered waterflood projects. These efforts to stimulate production have all reported significant increases in oil recoveries.

GeoSpectrum, Inc.

PROJECT LOCATIONS: See Attached Map (960131A.srf)

AREAL AND VERTICAL DESCRIPTION

AREAL EXTENT: 865 acres

POROSITY MEAN: 6.53 in Grayburg, 8.03 in San Andres

ORIGINAL SATURATION

OIL: 79%

WATER: 21%

GAS: NA

SATURATION AT PROJECT INCEPTION: Variable

PERMIABILITY MEAN: 4.99md in Grayburg, 1.14md in San Andres

DIRECTIONAL PERMIABILITY: See attached maps (960131G and 960131H)

PAY CONTINUITY AS A FUNCTION OF WELL SPACING : Variable

RESERVOIR DIP AND ANGLE: 1.5 degrees NE in sec 36, 4 degrees SE in sec 31

LOCATION OF FAULTS AND FLOW BARRIERS: NA

LOCATION OF SALT DOMES: NA

MEASURE OF CROSS FLOW AMONG RESERVOIR LAYERS: None

AVERAGE NET PAY THICKNESS: 180

AVERAGE GROSS PAY THICKNESS: 400

NUMBER OF RESERVOIR LAYERS: 2 (in original model)

VERTICAL PERMIABILITY PROFILES: NA

VERTICAL POROSITY PROFILES: NA

IF GAS CAP PRESENT, GAS/CONTACT: NA

GAS CAP AREA: NA

GAS CAP BULK VOLUME: NA

GAS IN PLACE: NA

IF AQUIFER PRESENT, INITIAL OIL-WATER CONTACT: -1450 in San Andres

AQUIFER SIZE: NA

WATER INFLUX RATE: Water flood, water only in Grayburg

GEOLOGIC CHARACTERISTICS, LITHOLOGY: Dolomite, sand, anhydrite

GeoSpectrum, Inc.

GEOLOGIC AGE: Lower Guadalupian (Grayburg, San Andres)

FACIES ANALYSIS: Grayburg-shallow shelf carbonates, low energy outer shelf mudstones and wackestones; high energy inner shelf packstones and grainstones; lagoonal mudstones; eolian sands; sabkha evaporites. San Andres-high energy, shallow shelf packstones and grainstones. Depositional facies are deposited as facies belts which wrap around the nose of the northeast plunging structure, with a steeply dipping south east flank and a gently dipping northwest flank. The most porous and permeable facies, with the highest oil saturation and net pay, are the high energy packstones and grainstones with enhanced interparticle porosity. A cross plot of porosity vs. permeability shows best values associated with the grainstones, then packstones, then lower energy wackestones.

DESCRIPTION OF GEOLOGIC ELEMENTS: The study area was located on a shallow shelf with a distally steepened part to the south east. Diagenesis, as a result of subaerial exposure following deposition, enhanced inter-particle porosity by dissolving matrix mud. Later anhydrite pore filling cements reduced porosity. Deep seated, periodically rejuvenated structure in southwest, shelf margin to south east, platform margin to east.

EVALUATION OF RESERVOIR HETEROGENEITY: High energy facies belts are laterally continuous belts wrapping around structural nose, discontinuous up and down dip. For microscopic heterogeneity see thin section description. For macroscopic heterogeneity see core description in core description spreadsheets.

FLUID CHARACTERISTICS

INITIAL RESERVOIR PRESSURE: 1740 psia (at -1000 feet)

LOG OF RESERVOIR PRESSURE vs. PRODUCTION: See attachment 960117L

RESERVOIR TEMPERATURE: 95 degrees F

OIL GRAVITY: 35 deg. API

OIL VISCOSITY AT STANDARD CONDITION: 14.818

OIL VISCOSITY AT IN-SITU RESERVOIR CONDITION: 2.726

INIT. OIL FORM VOL. FACT: 1.001

BUBBLE POINT PRESSURE: 980 psia

INITIAL GAS IN SOLUTION: 408 GOR

FLUID COMPOSITION TEST: NA

GAS GRAVITY: 1.15

GeoSpectrum, Inc.

GAS VISCOSITY: .0589

INIT. GAS FORM. VOL. FACT. : .00348

LOG OF Bo, Rs, Bg: NA

WATER DENSITY: 62.4 lbs/ft³

WATER VISCOSITY: .5 cp

WATER SALINITY: 56,000 ppm

RECOVERY TECHNIQUES UTILIZED

PRIMARY

START DATE: 2/34

PROJECT LIFE: 62 years

ESTIMATED INCREMENTAL RECOVERY: Cumulative production to date
7.2 MMSTB

MONTHLY PRODUCTION BY WELL: See attachment Well Production Spreadsheet,
file TOTAL.XLS

TYPE OF INJECTANT: NA

INJECTION SCHEDULE: NA

NUMBER AND TIMING OF NEW WELLS DRILLED: NA

NUMBER AND TIMING OF WELLS CONVERTED: NA

SECONDARY START DATE: 2/96

PROJECT LIFE: 20 years

ESTIMATED INCREMENTAL RECOVERY: 2 MMSTB

MONTHLY PRODUCTION BY WELL: See attachment Well Production Spreadsheet,
file TOTAL.XLS

TYPE OF INJECTANT: Water

INJECTION SCHEDULE: NA

NUMBER AND TIMING OF NEW WELLS DRILLED: 6 wells spread over 1996 and 1997 (24 months)

NUMBER AND TIMING OF WELLS CONVERTED: 4 wells over 1996 and 1997 (24 months)

TERTIARY NA

ADVANCED SECONDARY NA

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WELL INFORMATION

WELL NAME: See Well Database DOE1WELL.FOL

EXISTING WELL: See Well Production Spreadsheet, TOTAL.XLS

API NUMBER: See Well Database DOE1WELL.FOL

COMPLETION DATE: See Well Production Spreadsheet, TOTAL.XLS

FORMATION TOP: See tops file, DEC17.XLS

FORMATION BASE: See tops file, DEC17.XLS

TOTAL DEPTH: See Well Database DOE1WELL.FOL

VERTICAL OR HORIZONTAL: All wells vertical

STATUS: See Well Database DOE1WELL.FOL

PERFORATED INTERVALS: See Well Production Spreadsheet, TOTAL.XLS

CORED INTERVALS: See core description files in EXCEL.SPREADSHEETS

COMPLETION TYPE: NA

STIMULATION TYPE: NA

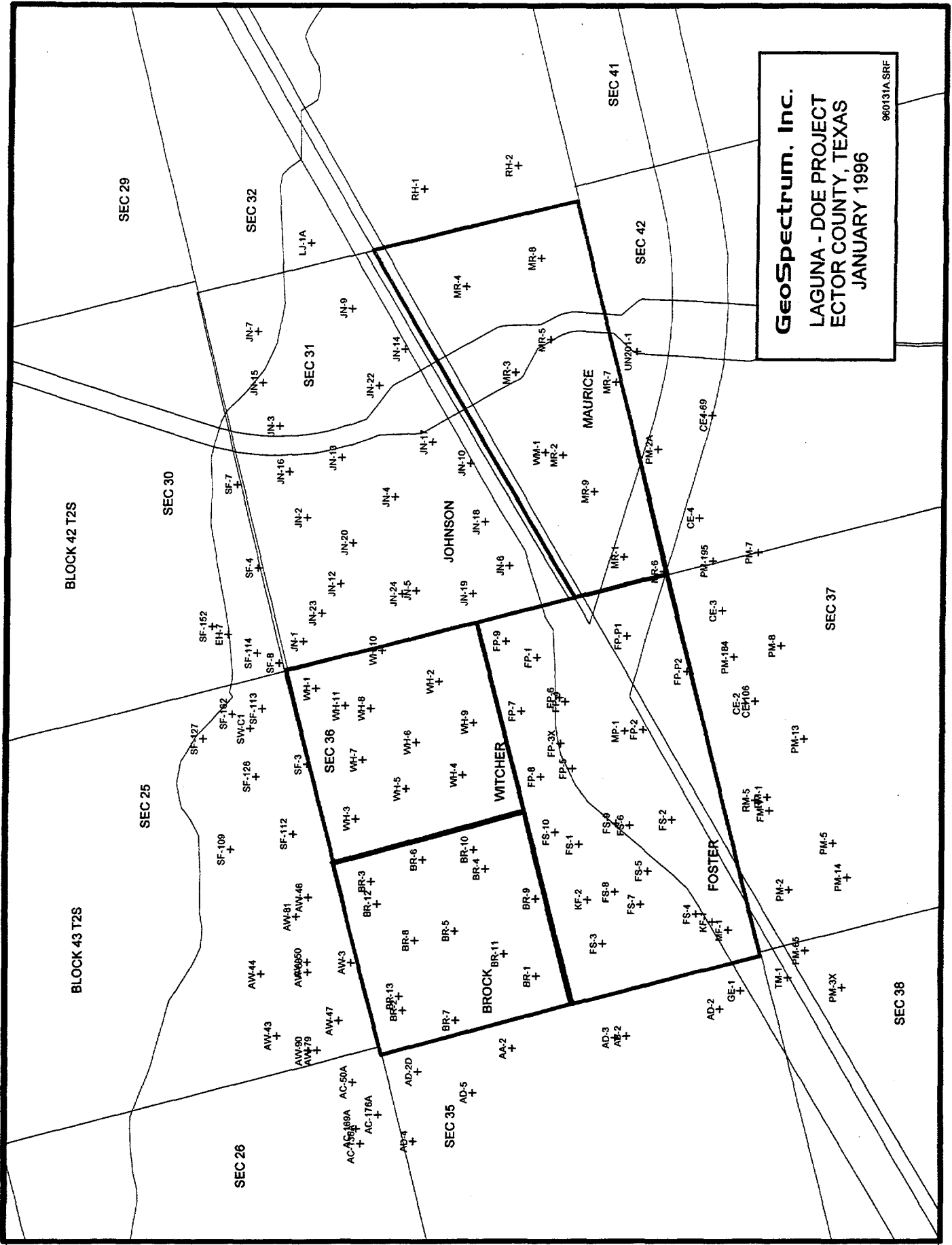
Note: All of the above referenced files are provided on an 8mm Exabyte tape created with the UNIX "tar" command. The EXCEL, COREL, MSWORD, DATABASE and SURFER files were created with the MS-DOS/ WINDOWS versions of those programs.

The well database (DOE1WELL.FOL) is provided as a 140 page print out. The digital file was created by pfs:FirstChoice and is being converted to MicroSoft Access.

The production spreadsheet was created with MicroSoft Excel 5.0 and is provided as a partial print out of monthly production only. The complete file is quite large and contains open interval data, production allocation between layers, well type, dates and is used to generate production data decks for the simulator.

The core description files are provided in EXCEL format under the EXCEL.SPREADSHEETS sub-directory.

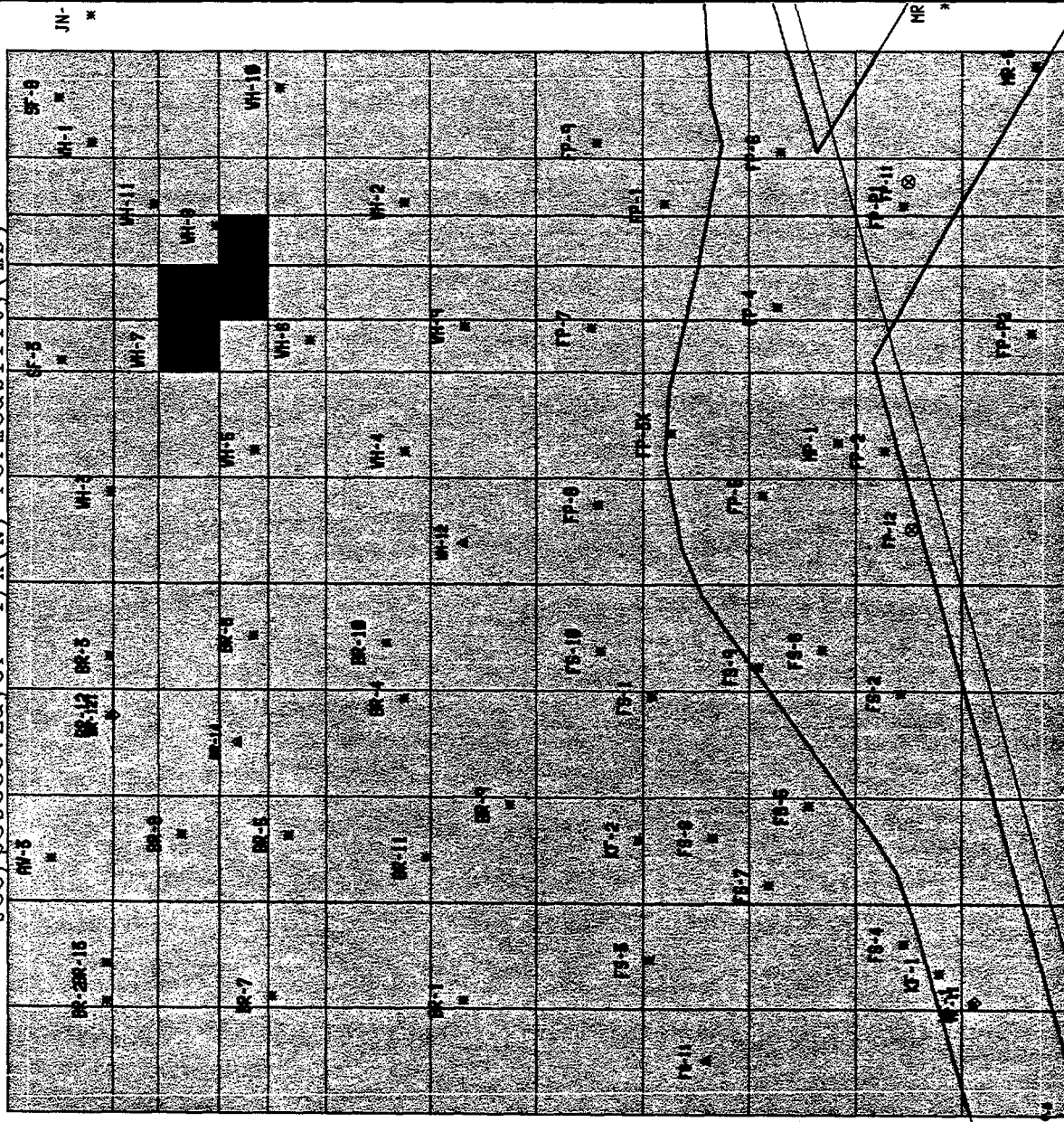
All of the graphics files were created by COREL-DRAW 5.0 and 6.0 and are stored in the COREL.DRAWINGS sub directory.



GeoSpectrum, Inc.
LAGUNA - DOE PROJECT
ECTOR COUNTY, TEXAS
JANUARY 1996

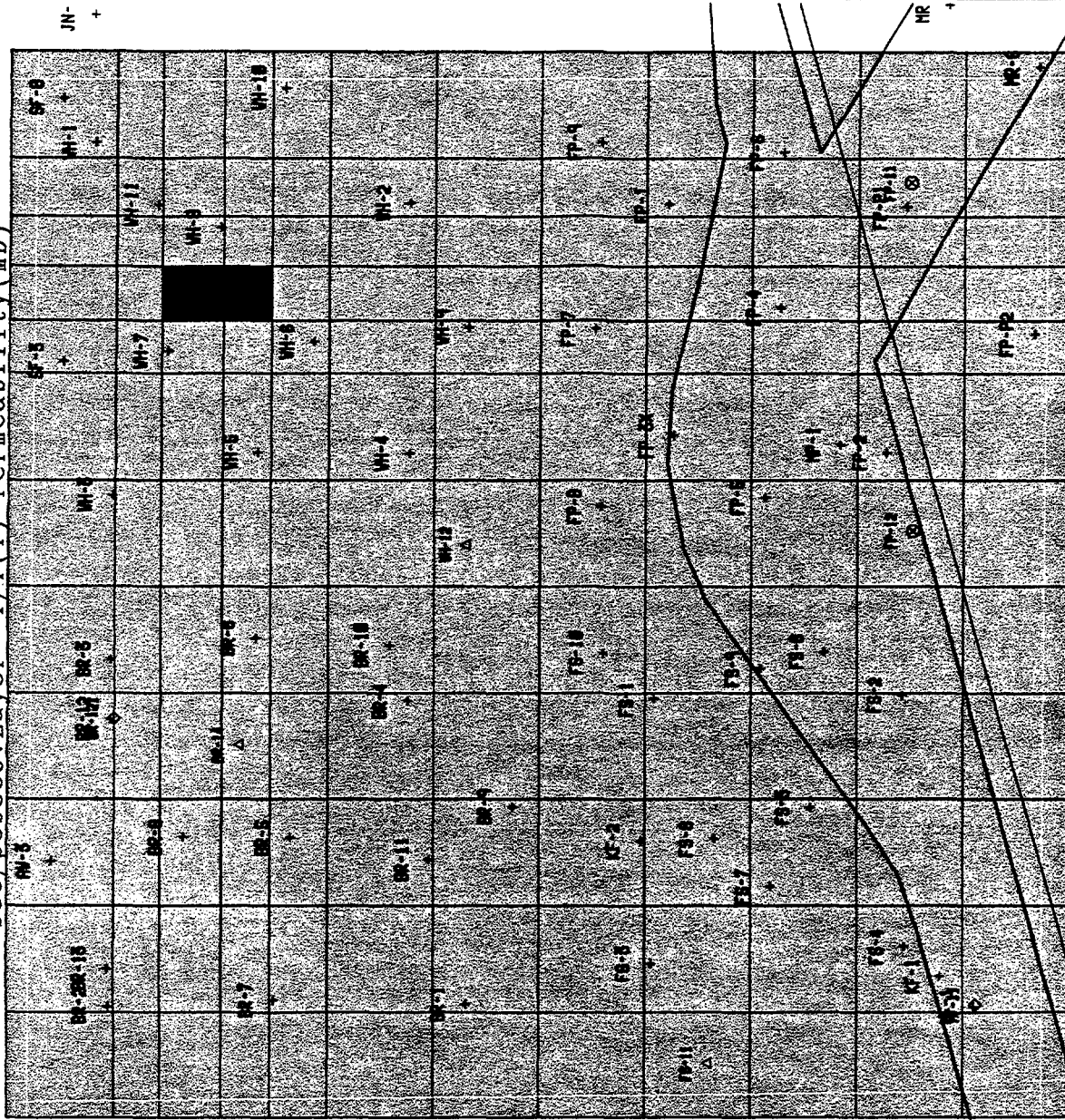
960131A SRF

sec/p3sec6:Layer 1/X(R)-Permeability(MD)



60. 52. 44. 36.

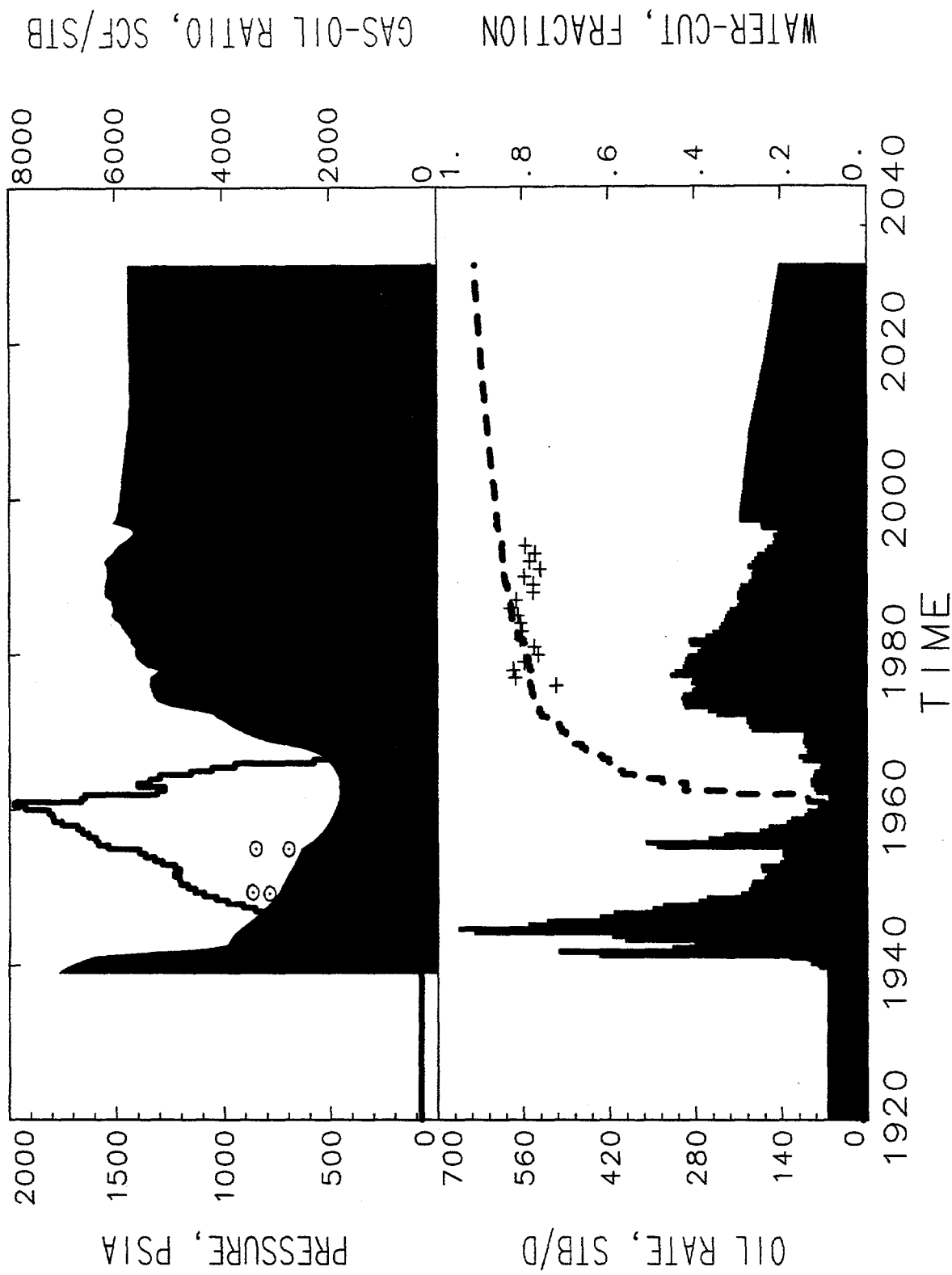
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60. 52. 44. 36.

GeoSpectrum, Inc.
960131H

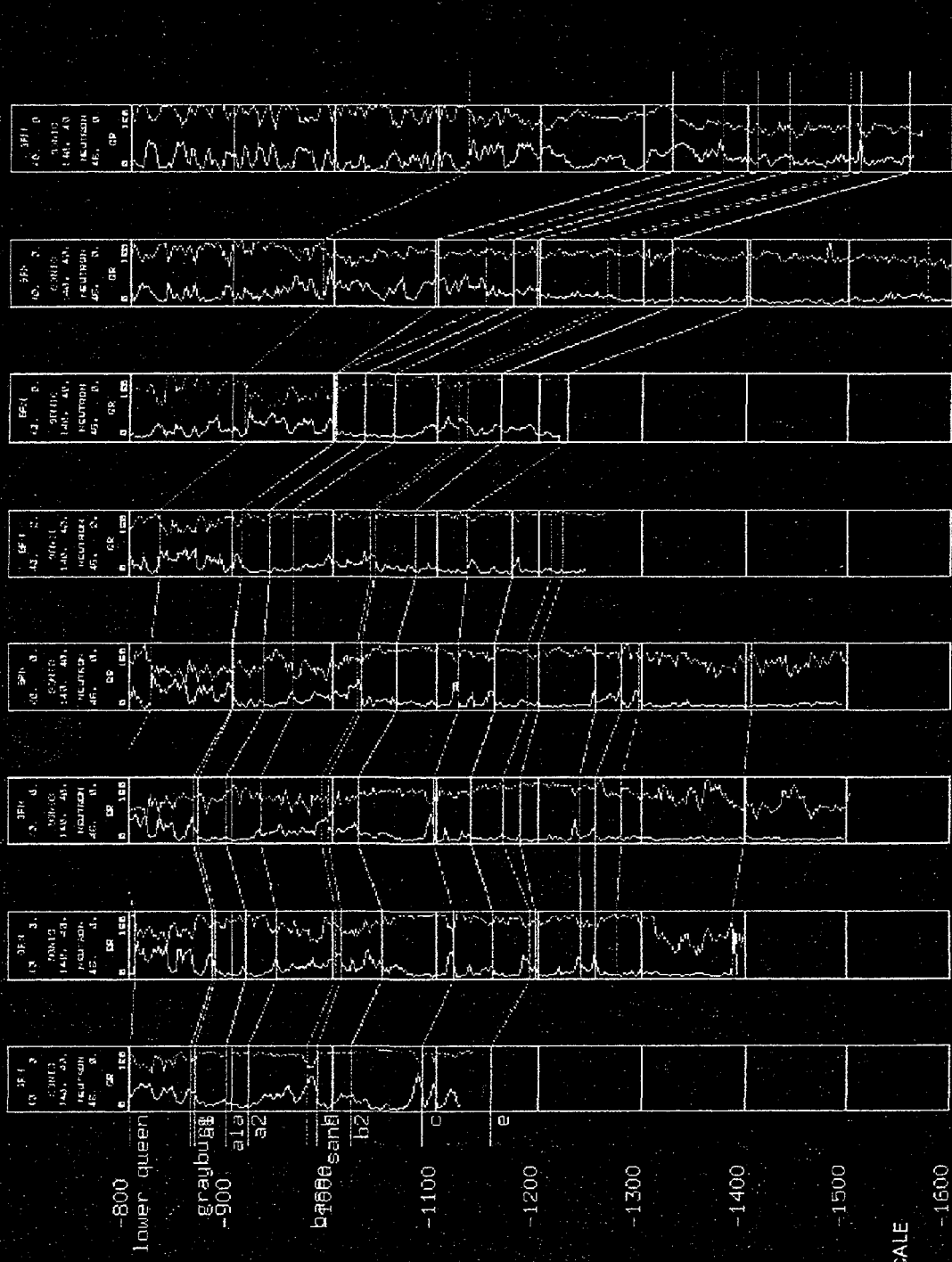
Fieldwide Ratios - Rates



p3sec6

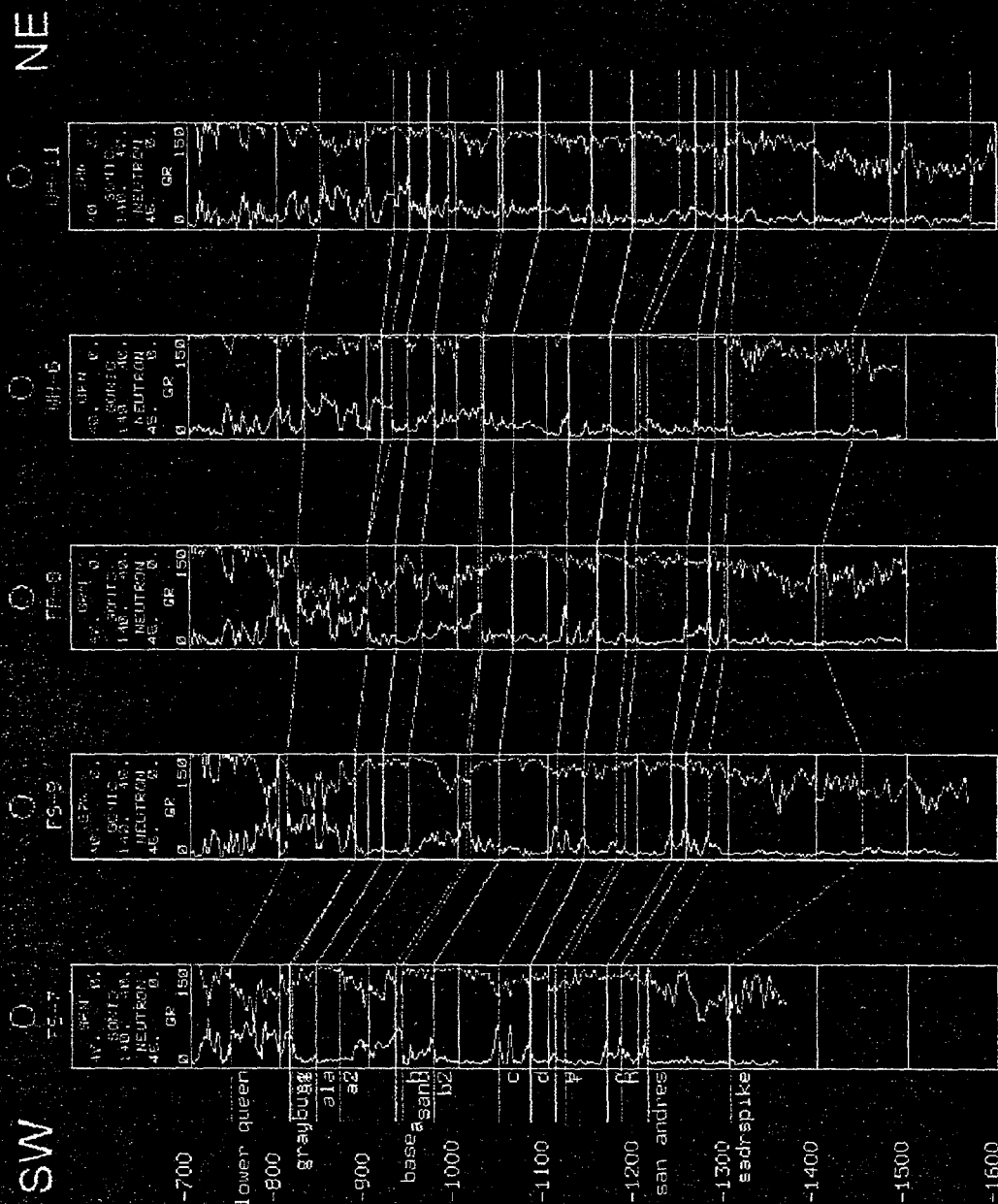
SECTION II
PLOTS AND MAPS

FOSTER FIELD GRAYBURG-SAN ANDRES STRUCTURE CROSS-SECTION NW SE



NO HORIZONTAL SCALE

FOSTER FIELD GRAYBURG-SAN ANDRES STRUCTURE CROSS-SECTION



NO HORIZONTAL SCALE

GENERAL AMERICAN
RHODES THOMPSON
FORREST

SUN

ATLANTIC RICHFIELD
FUNDAMENTAL OIL

MACCUDY

BILL JONES

BLAIR-FRENCH & EL PASO
FLAG REDFERN

KEWANEE

PETROLEUM VENTURES
PETROLEUM ASSOCIATIES

LAGUNA

J.L. COX

GREAT WESTERN

CORES

* SUN #6 WITCHER (B.E.G.)

ARCO #10 BROCK

ARCO #3-X "B" FOSTER PEGUES

GENERAL AMERICAN #7 MAURICE

RICHMOND DRILLING #3 MAURICE

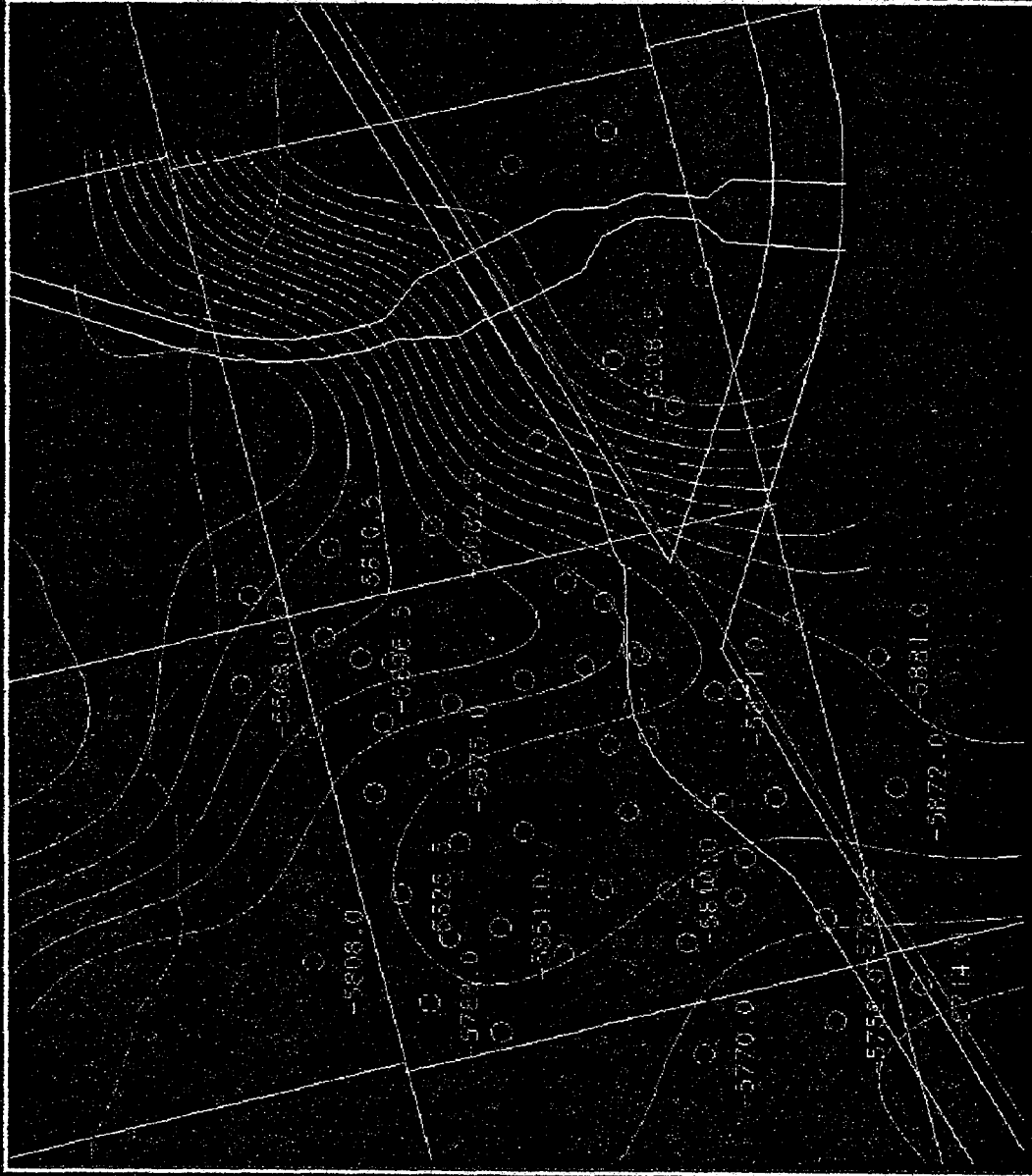
OBJECTIVES:

TO DEMONSTRATE THAT INDEPENDANT OPERATORS CAN
USE MODERN TECHNOLOGY TO COST EFFECTIVELY
ENHANCE RECOVERIES IN OLD FIELDS.

TO PROVE THAT INTEGRATED GEOLOGY, GEOPHYSICS AND
ENGINEERING CAN WORK IN SMALL FIELDS OR PORTIONS OF
FIELDS OWNED BY INDEPENDANT OPERATORS.

TO DEVELOP A METHODOLOGY FOR RESERVOIR
CHARACTERIZATION FOR SHALLOW SHELF AND CARBONATE
RESERVOIRS.

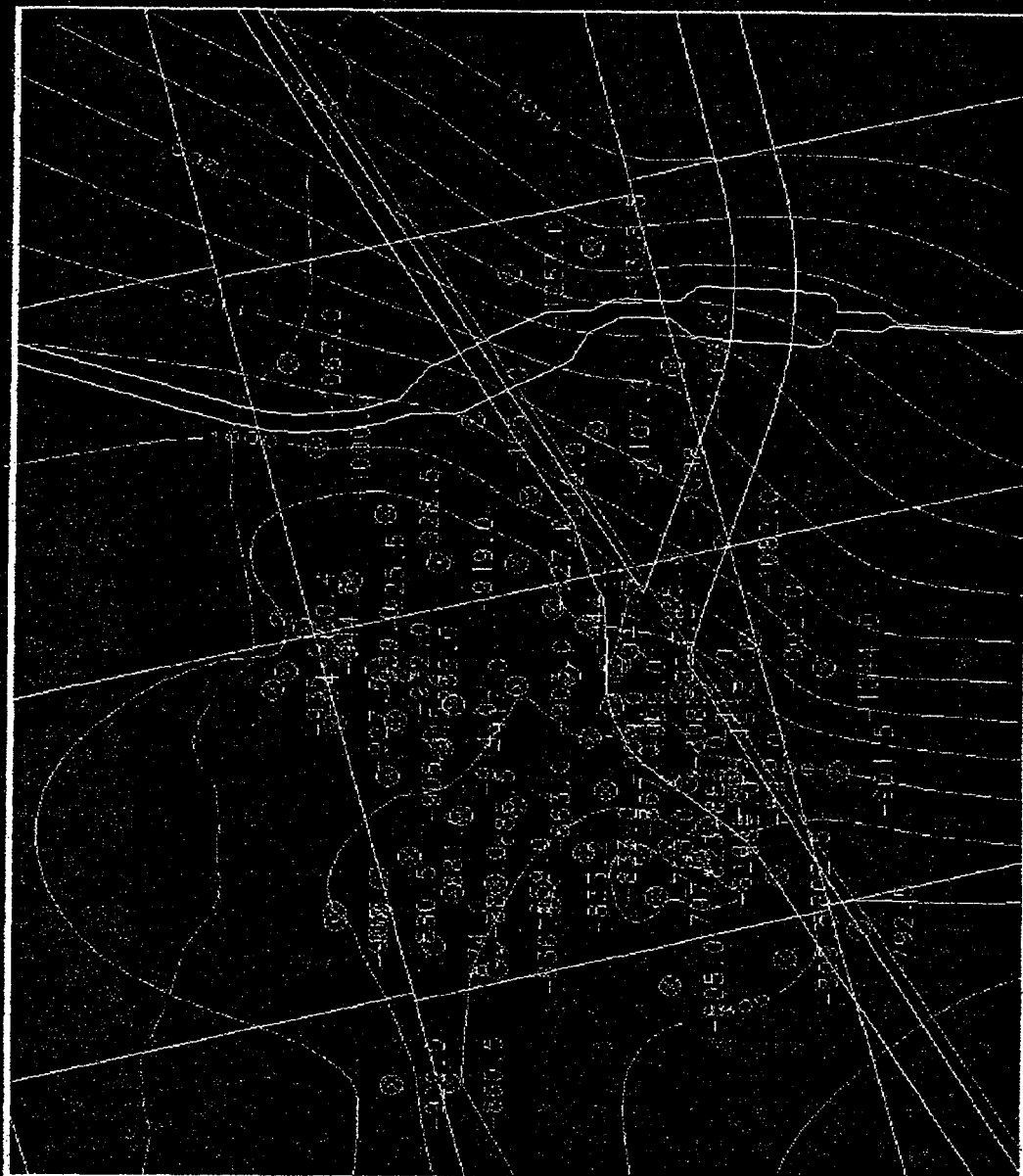
FOSTER FIELD TOP OF CISCO STRUCTURE



C. I. = 50 FEET

10/95
951030A

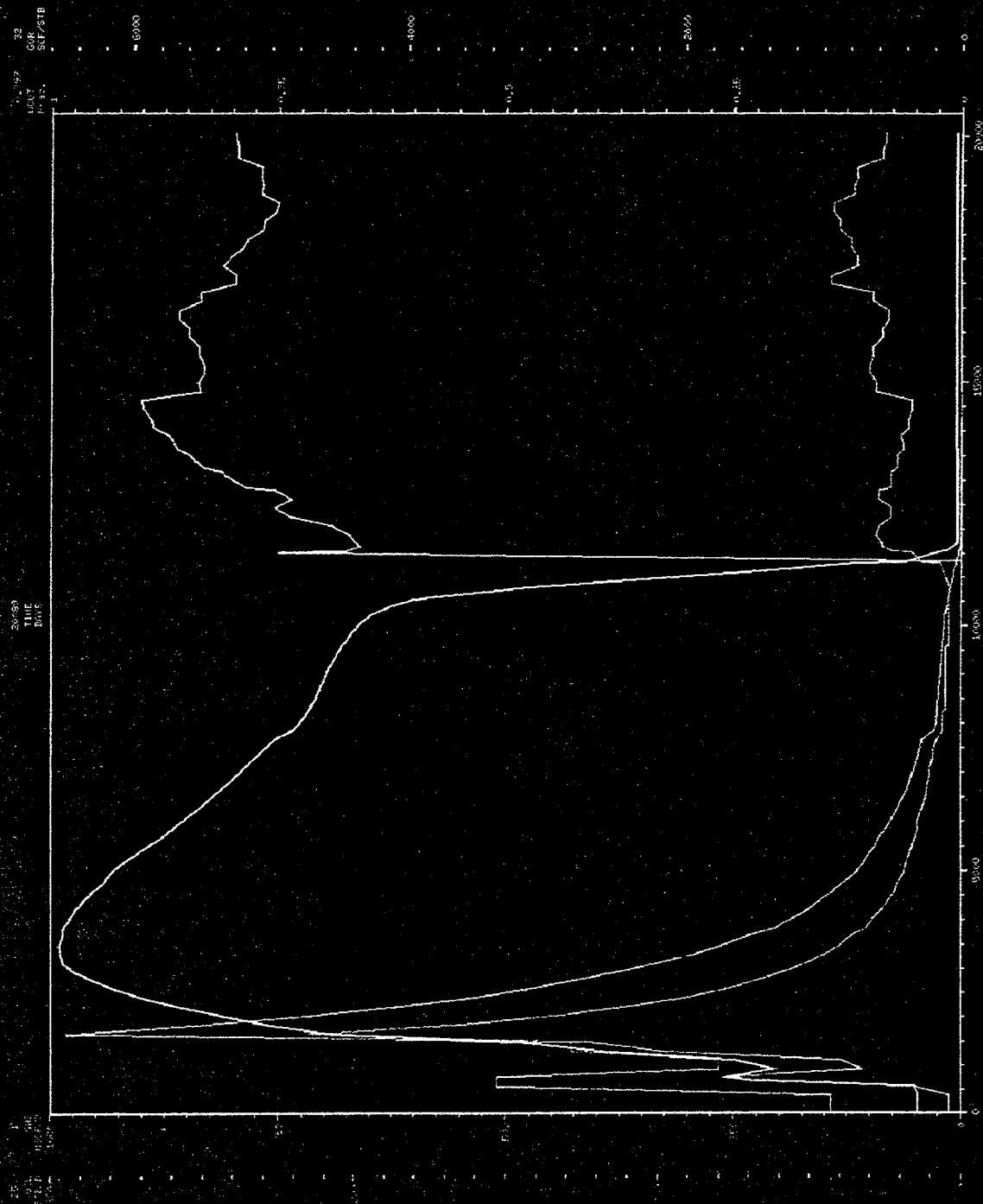
FOSTER FIELD TOP OF GRAYBURG STRUCTURE



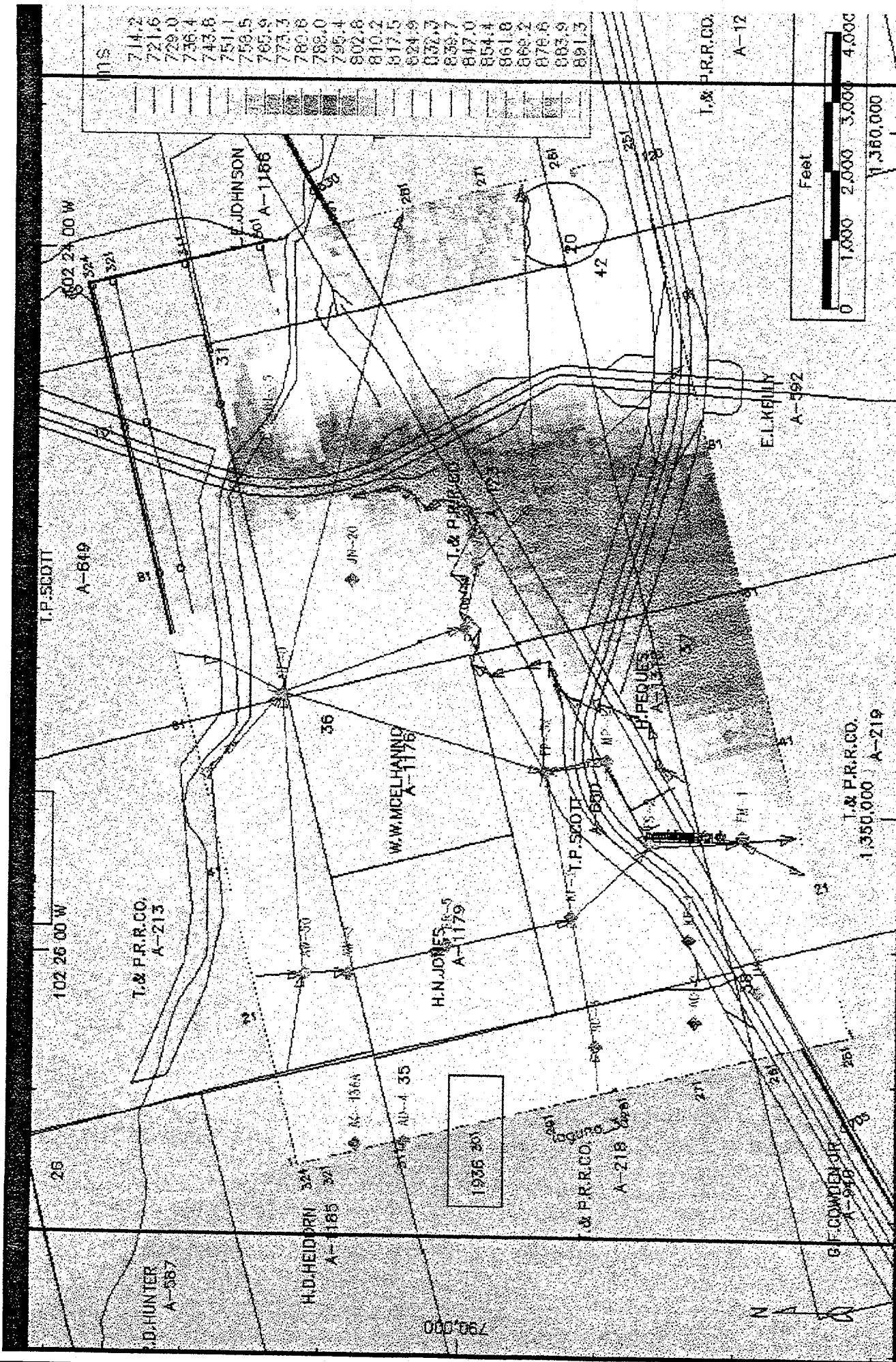
C. I. = 50 FEET

10/95
951030B

WITCHER LEASE - PRODUCTION HISTORY (PRELIMINARY)



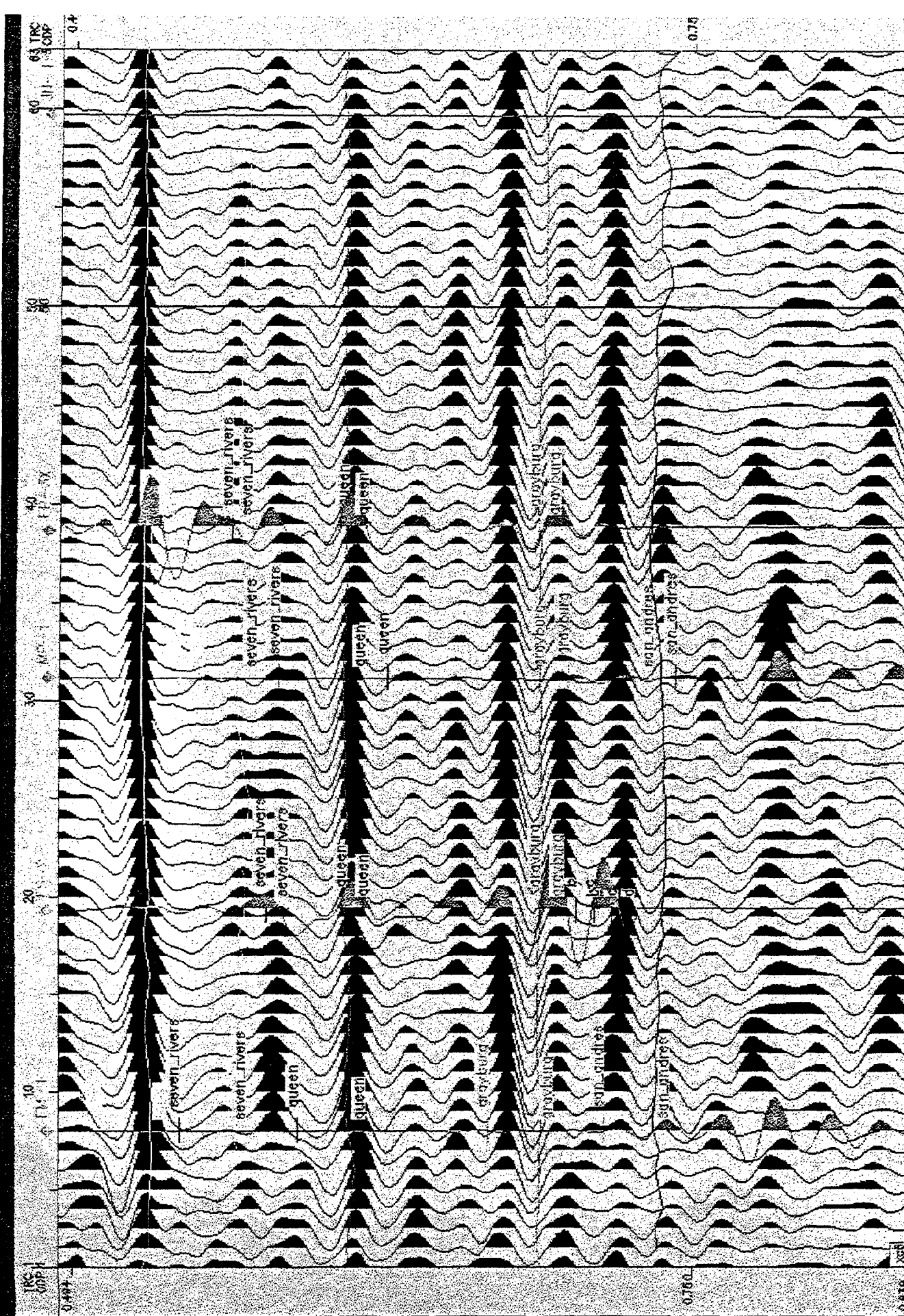
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BASEMAP - TOP OF SAN ANDRES STRUCTURE (TIME).

12 SEPTEMBER

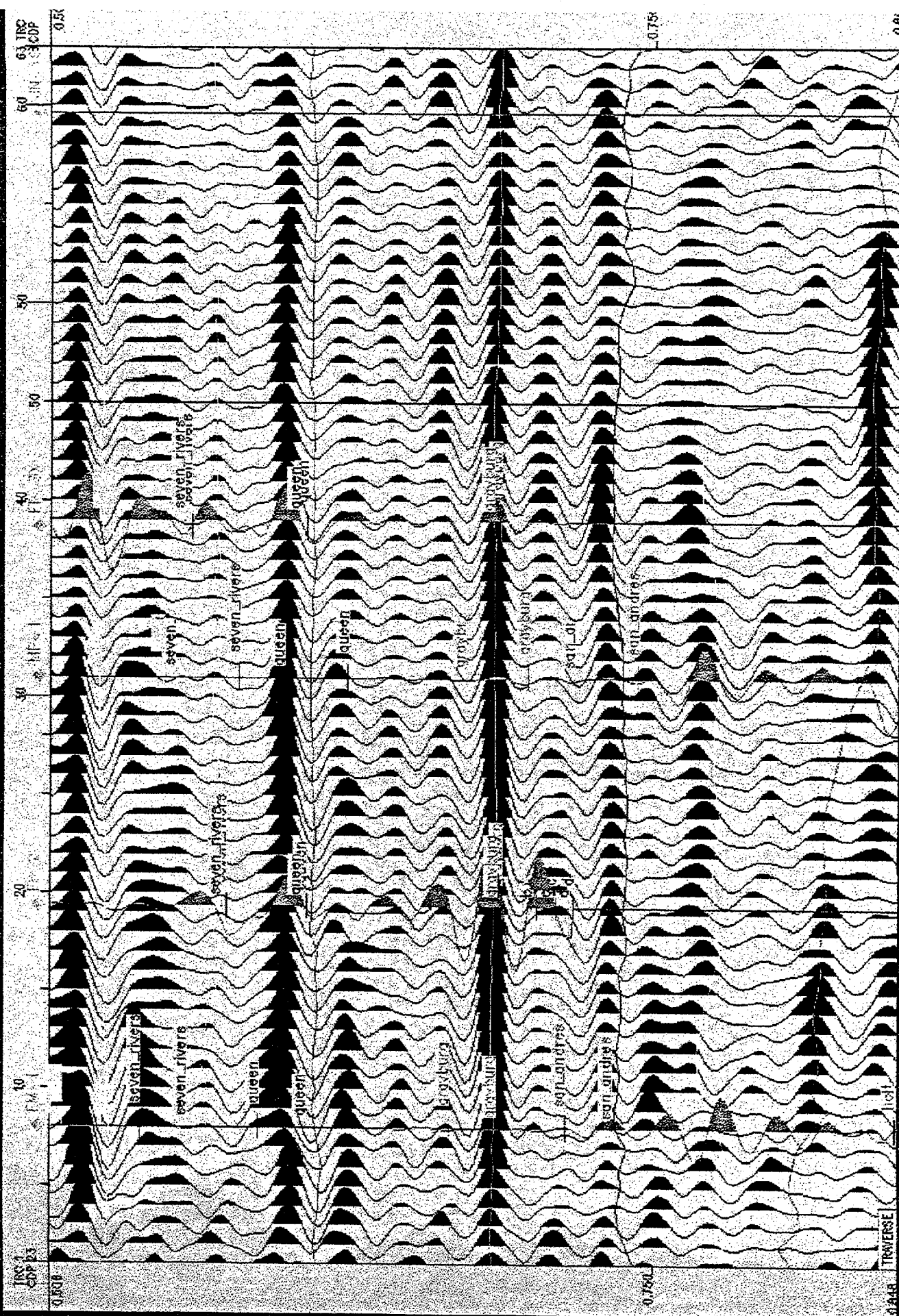
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CROSS SECTION - 0 DEGREE PHASE ROTATED SECTION.

12 SEPTEMBER 199

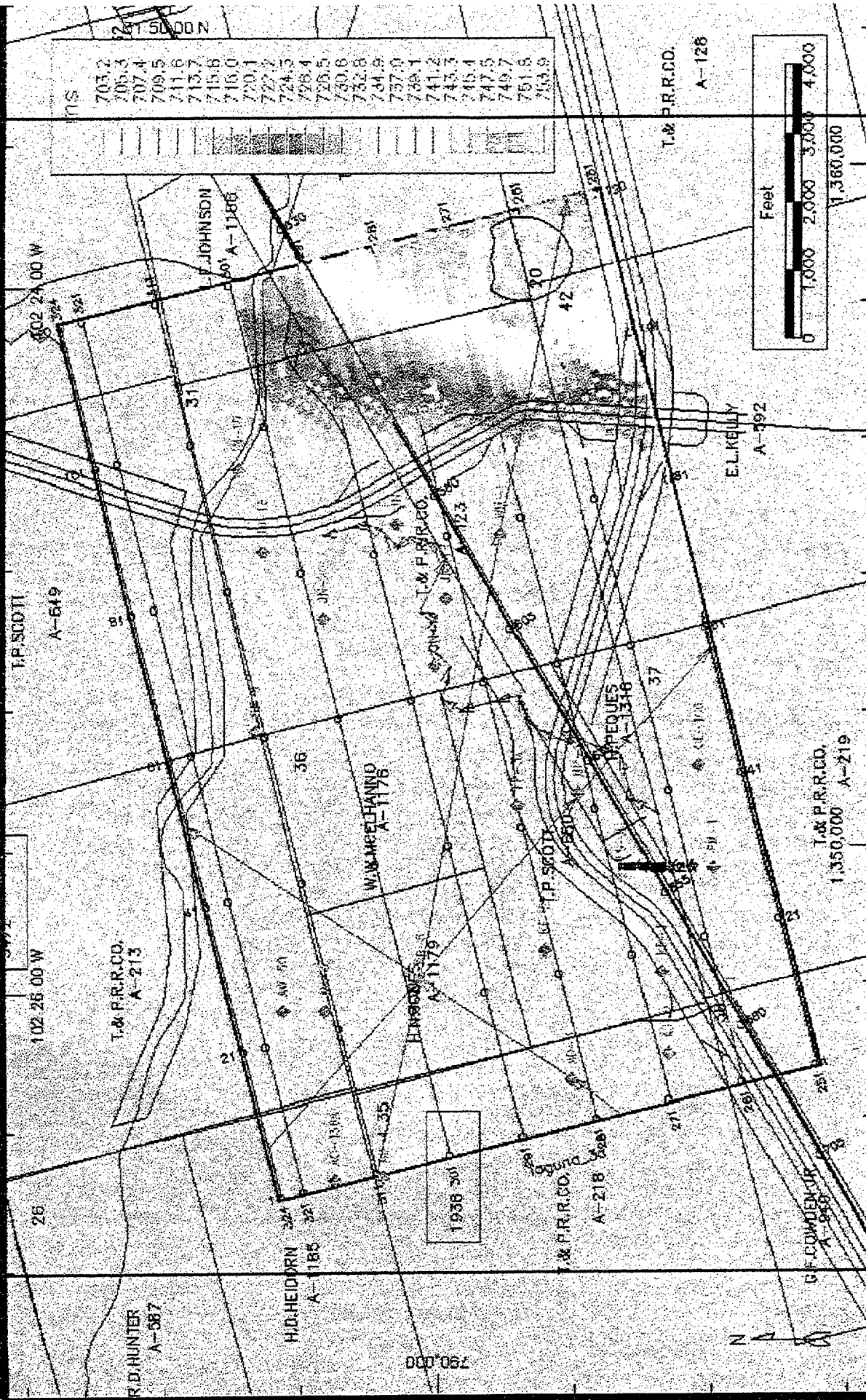
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CROSS SECTION - 180 DEGREE PHASE ROTATED SECTION.

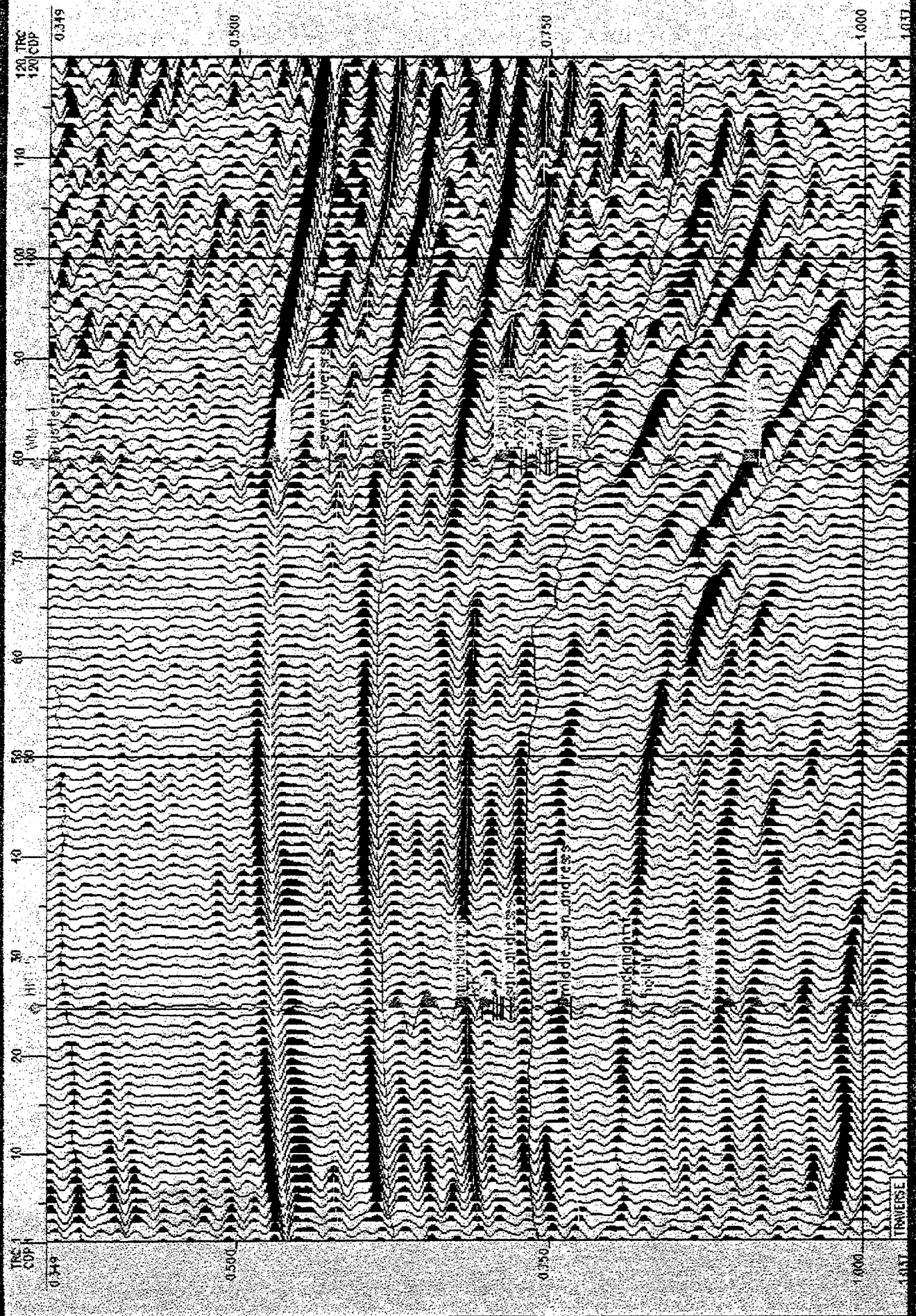
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12 SEPTEMBER 1993



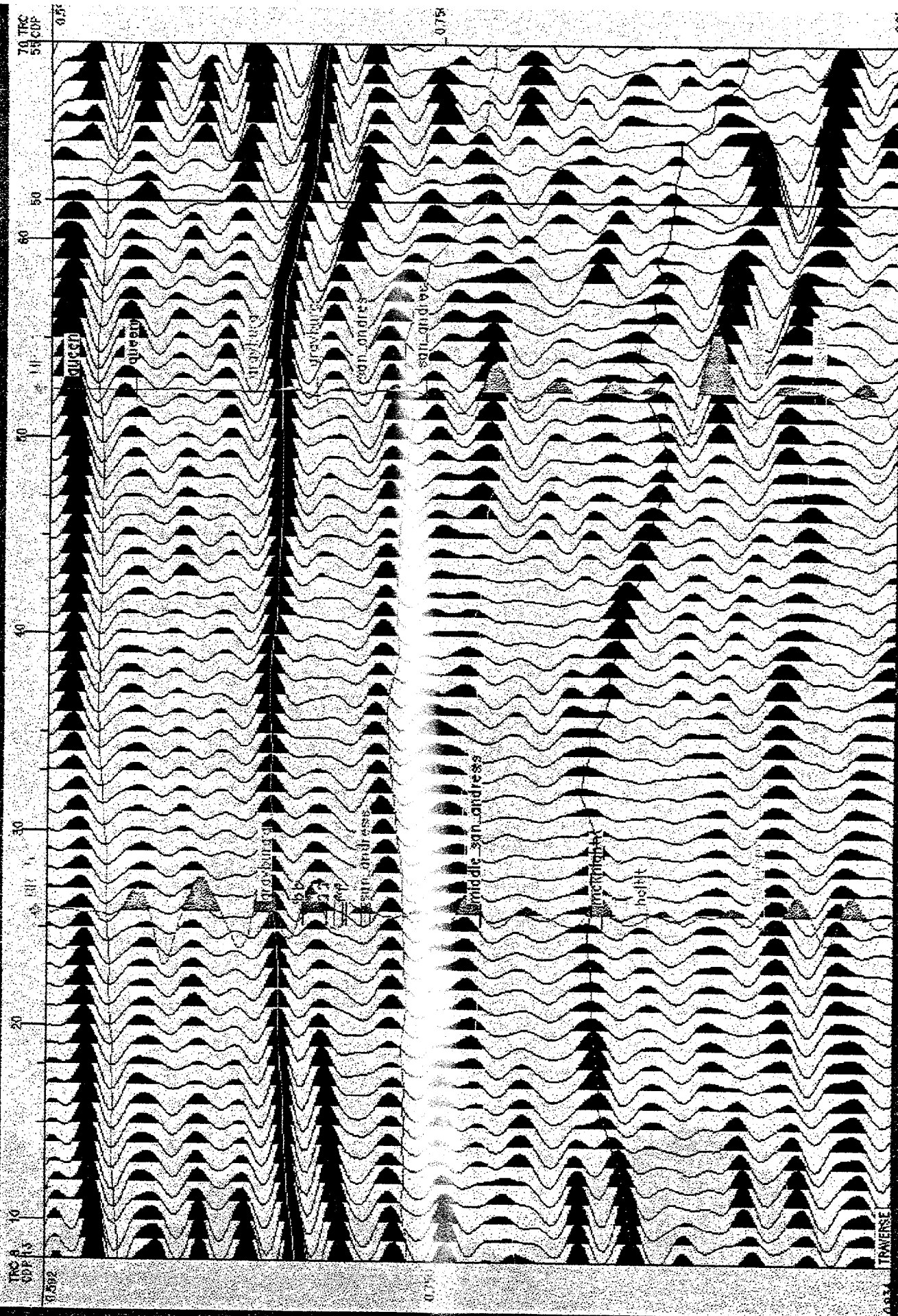
BASEMAP - QUEEN WEDGE. 12 SEPTEMBER 199

951109D



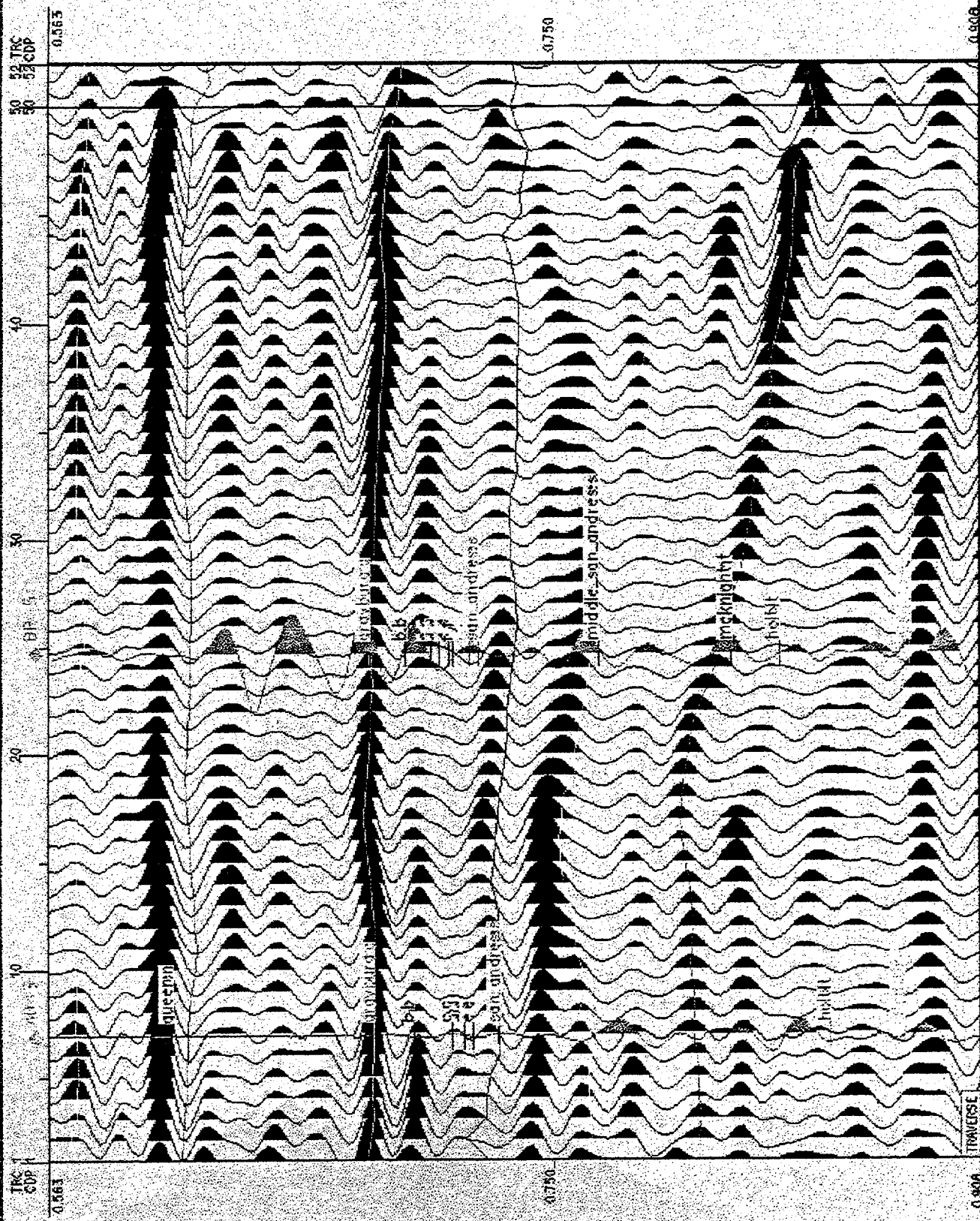
CROSS SECTION - GRAYBURG AND QUEEN WEDGES (SOUTHEAST SECTION). 12 SEPTEMBER 198

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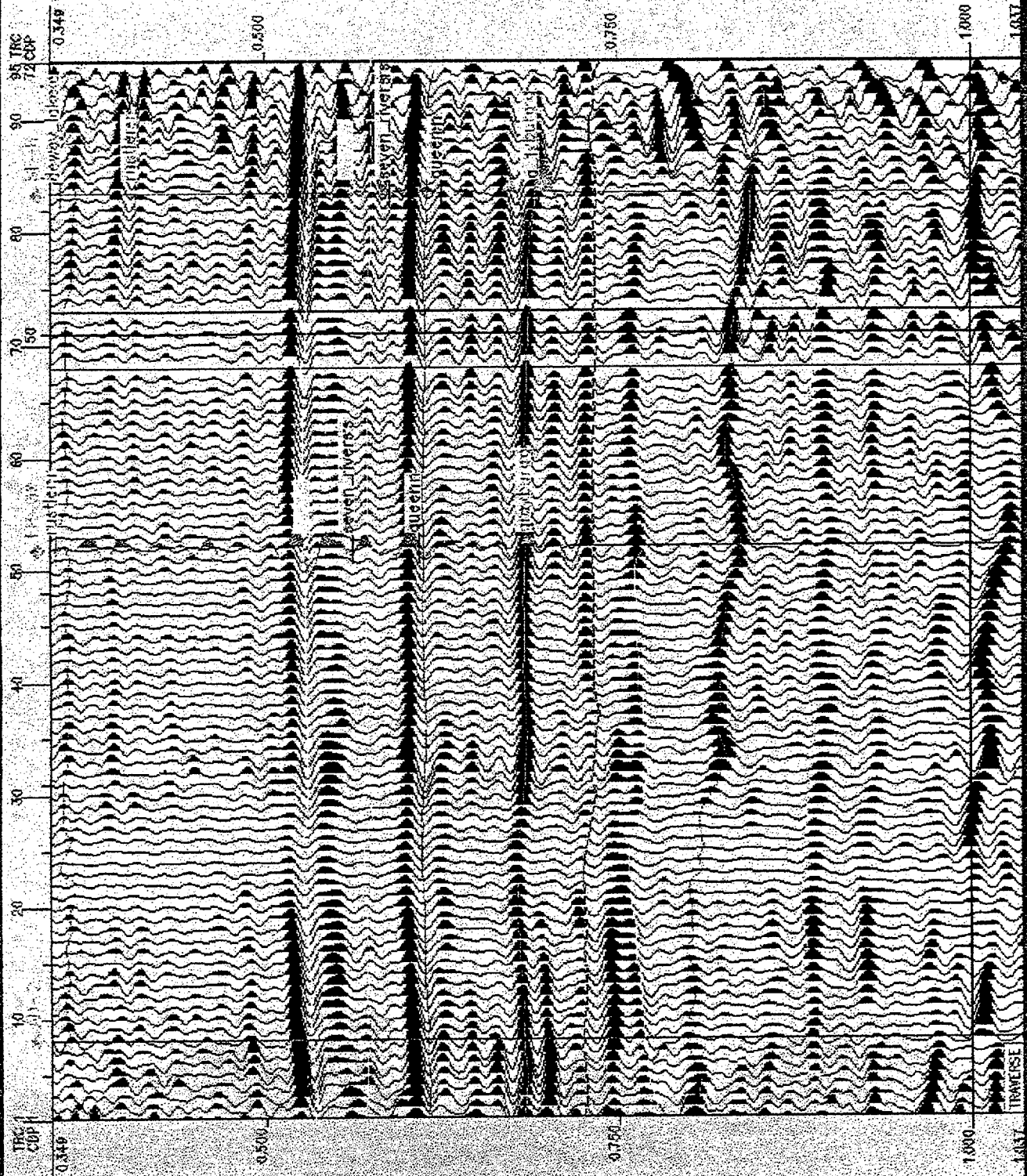
CROSS SECTION - UPPER SAN ANDRES WEDGE (NORTHWEST SECTION). 12 SEPTEMBER 1993

9511093



CROSS SECTION - UPPER SAN ANDRES WEDGE (NORTHEAST SECTION). 12 SEPTEMBER 199

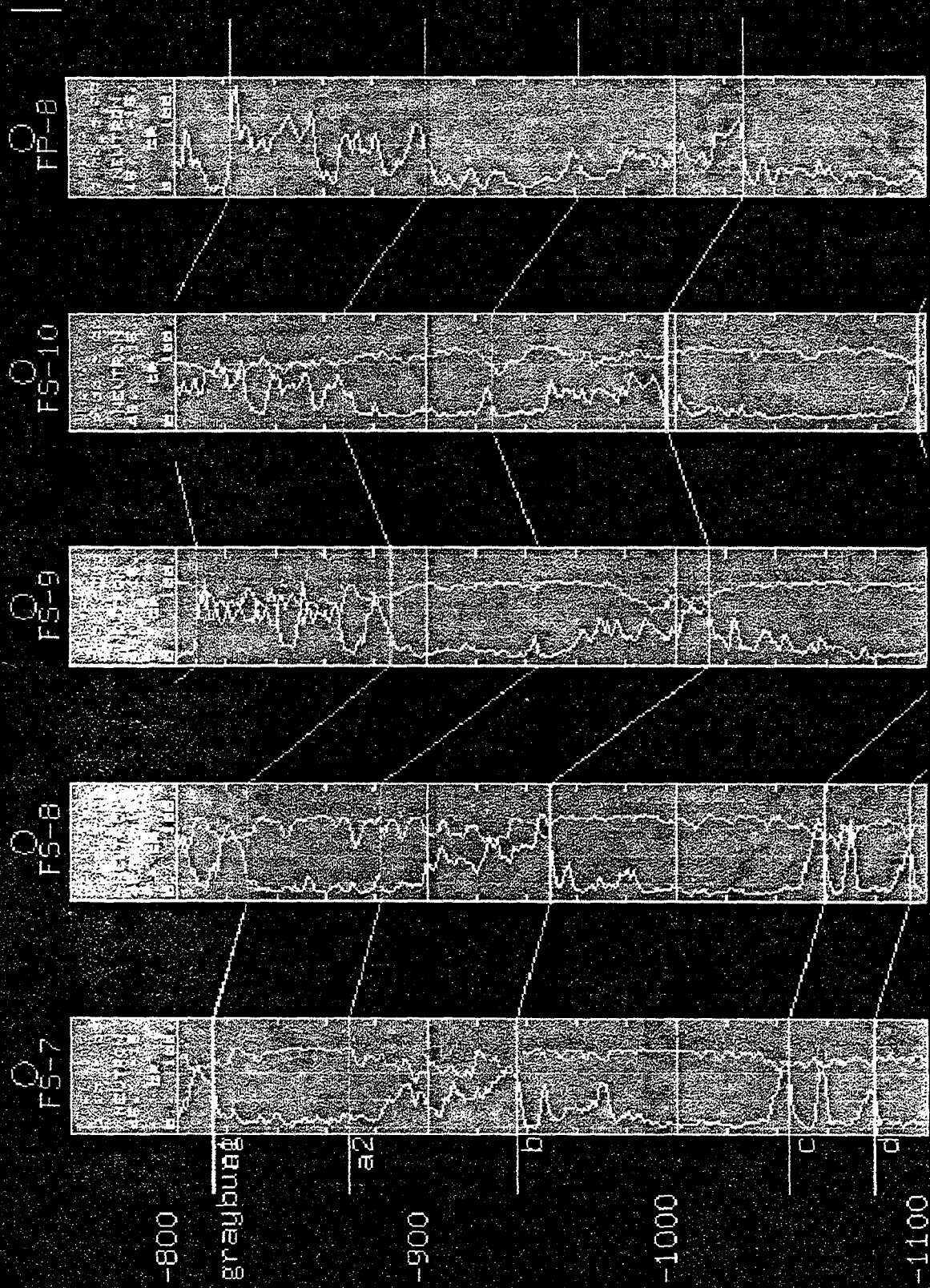
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CROSS SECTION - MIDDLE GRAYBURG DM SPOT.

951109J

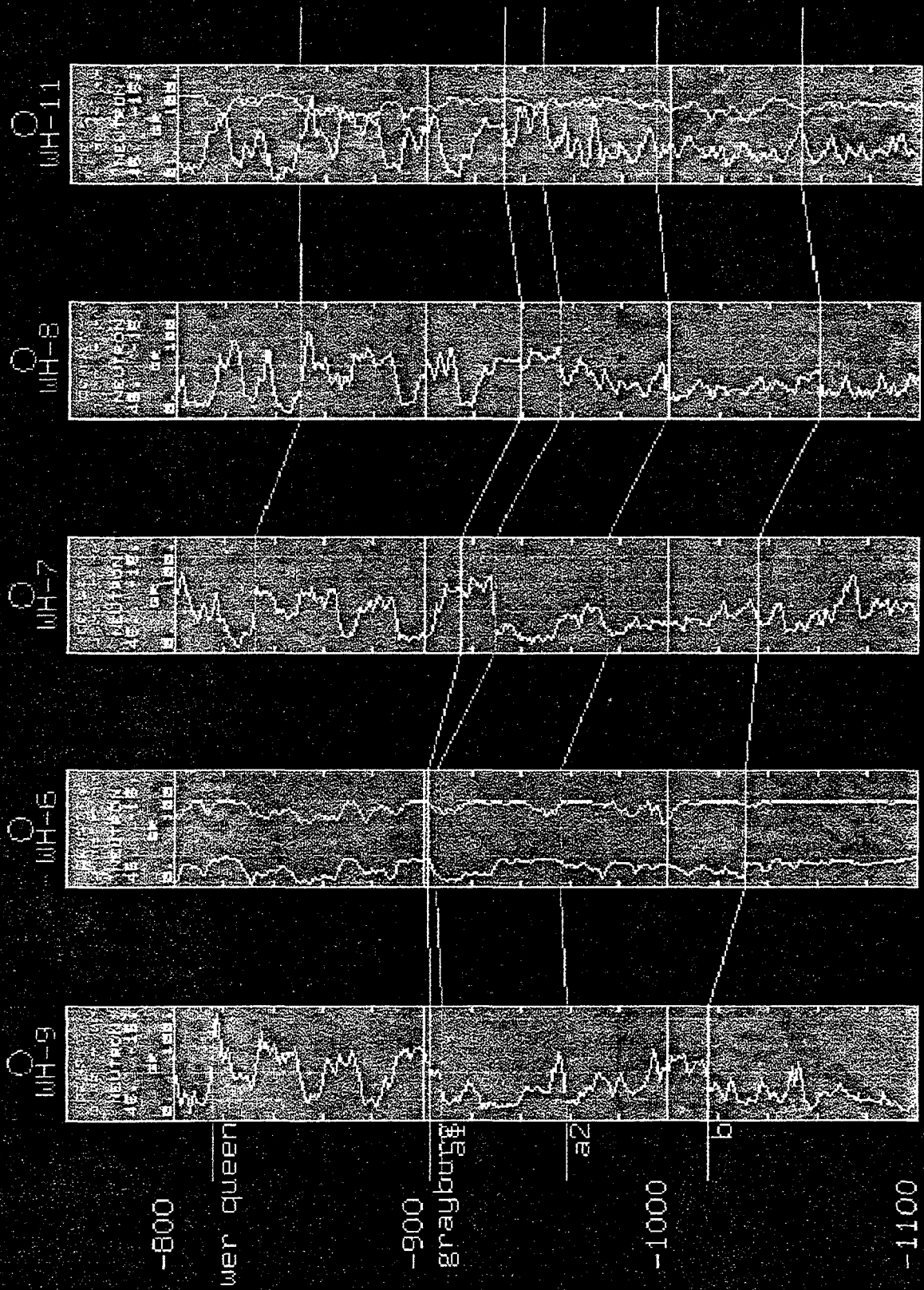
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SW-NE CROSS SECTION - UPPER GRAYBURG DIM SPOT. #1A

951109K

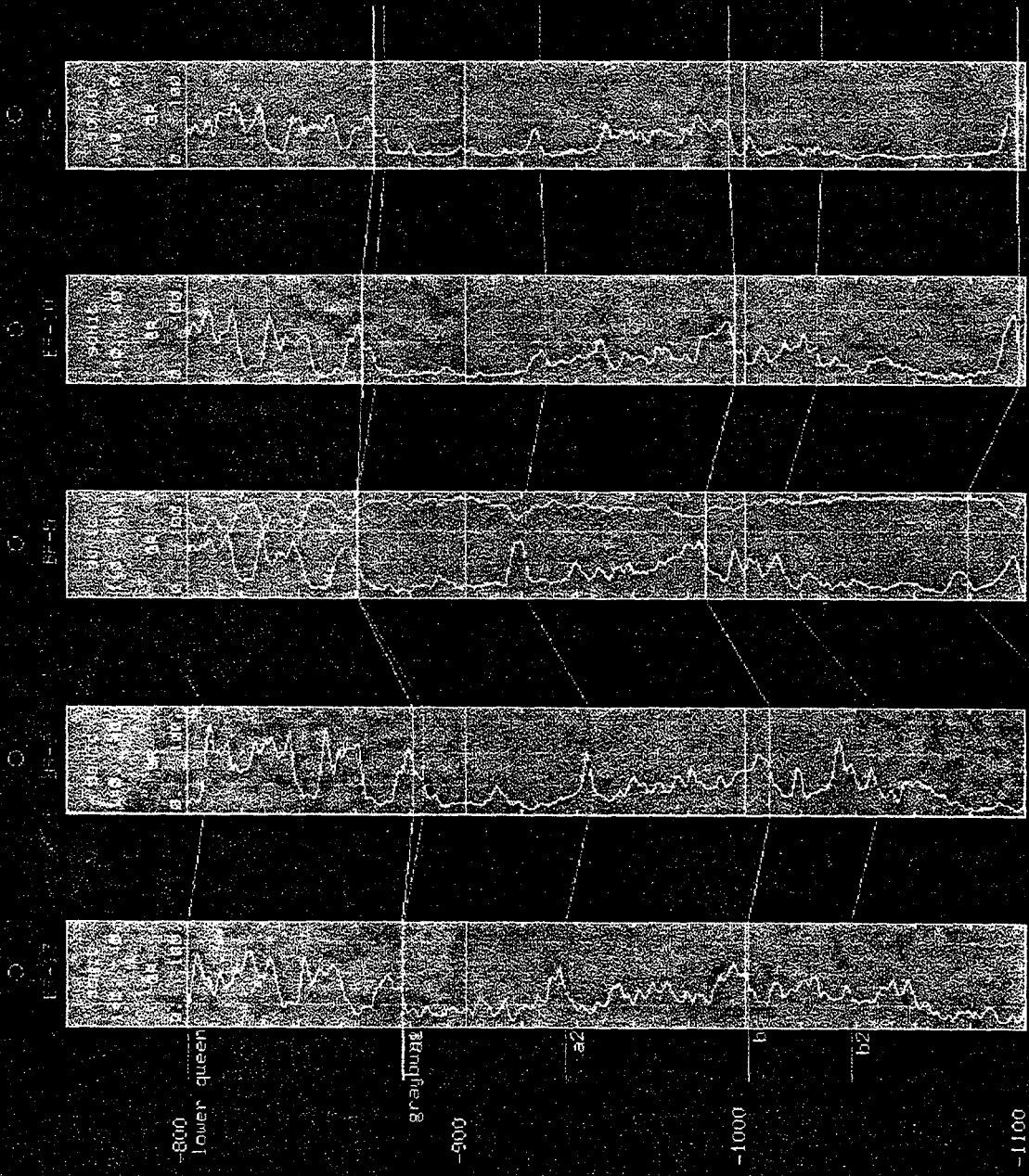
12 SEPTEMBER 199



SW-NE CROSS SECTION - UPPER GRAYBURG DIM SPOT #1B.

951109L

12 SEPTEMBER 199



NW TO SE DIP CROSS SECTION #2

951109M

12 SEPTEMBER 199

SEISMIC INTERPRETATION

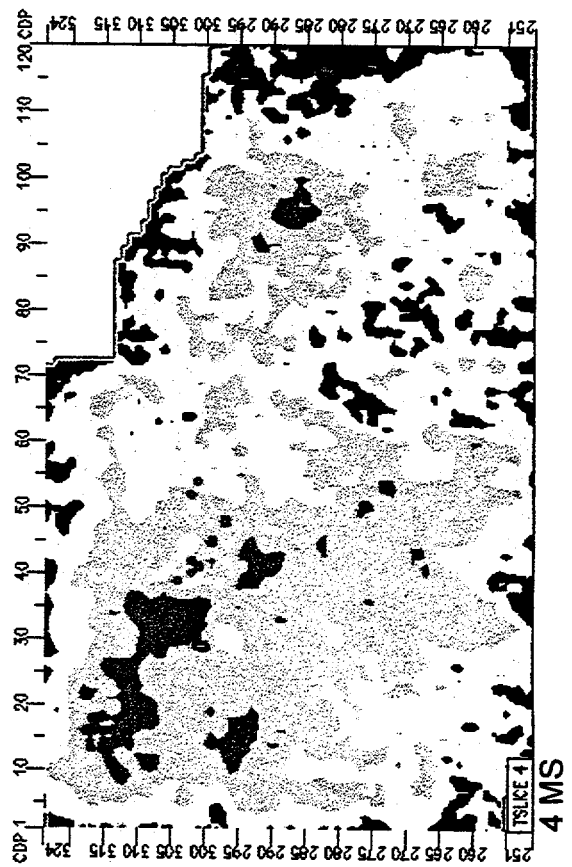
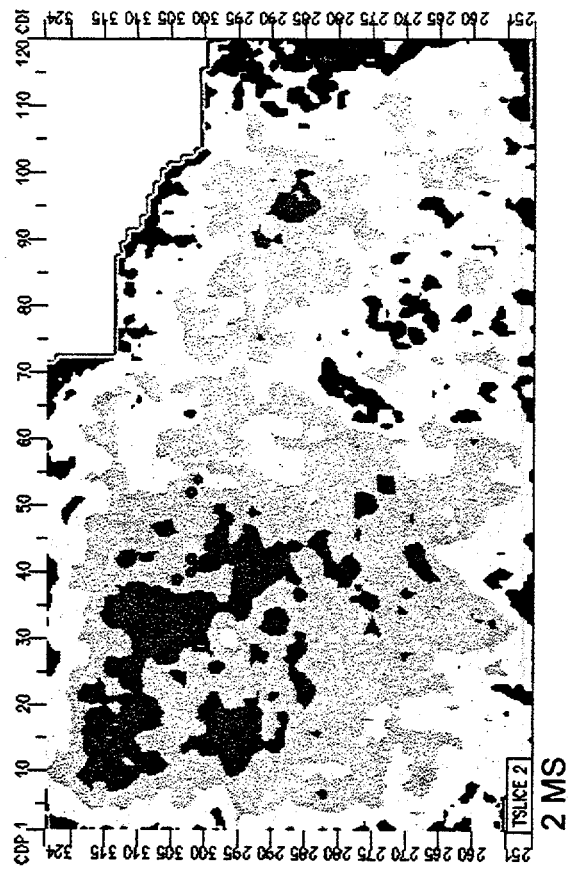
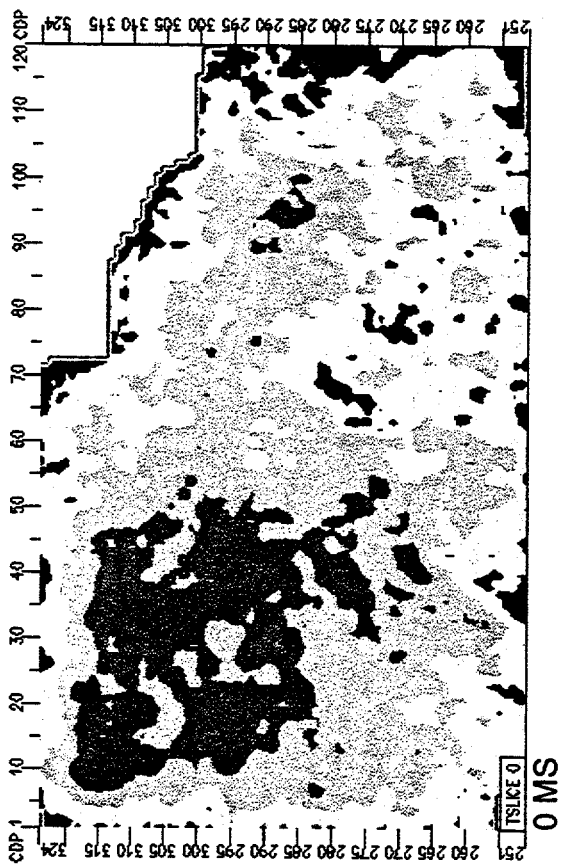
REMAINING PHASE I TASKS

- COMPUTE DEPTH-TIME TRANSFER FUNCTION/ POST LOG CURVES WITH SEISMIC.
- INTEGRATED GRAYBURG STRATIGRAPHIC INTERPRETATION.
- RECOMMENDATION FOR PHASE II.

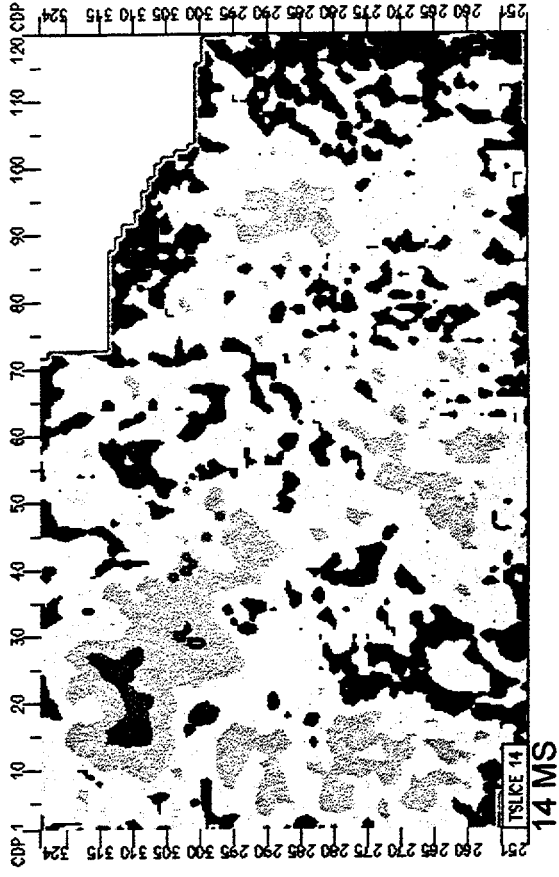
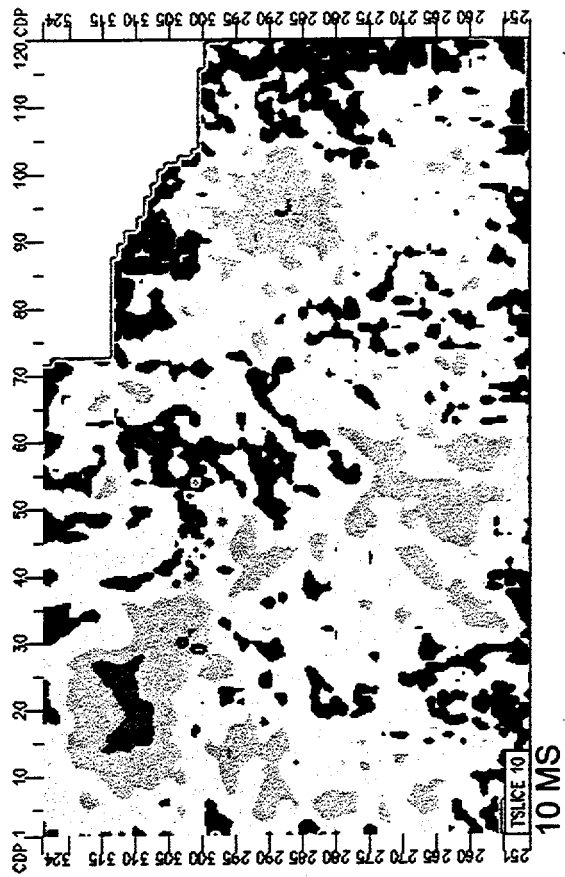
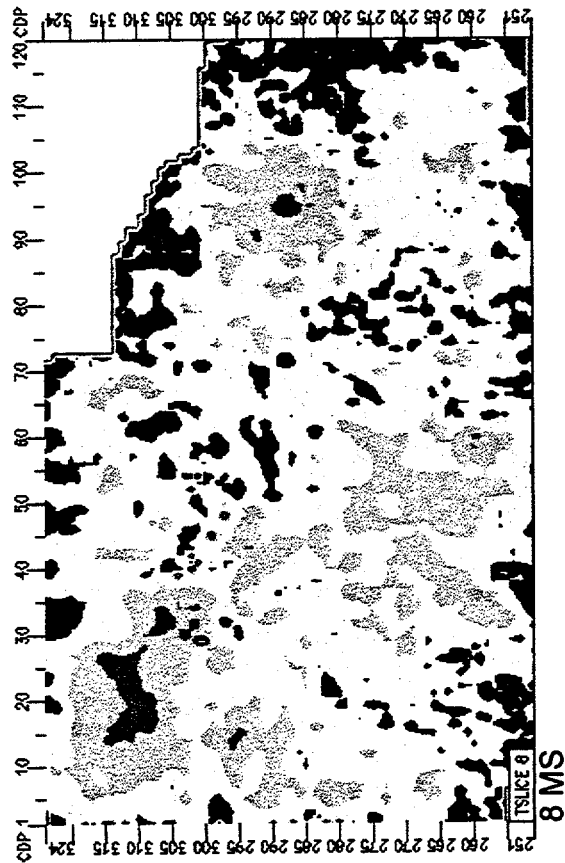
PHASE II TASKS

- INTEGRATED SAN ANDRES STRATIGRAPHIC INTERPRETATION/ NEW WELL LOCATIONS.
- INTEGRATION OF MODERN LOG AND CORE DATA / EXTRACTION OF RESERVOIR PROPERTIES FROM SEISMIC ATTRIBUTES.
- SEISMIC MODELING / INVERSION.
- UPDATE RESERVOIR MODEL WITH AVAILABLE DATA.

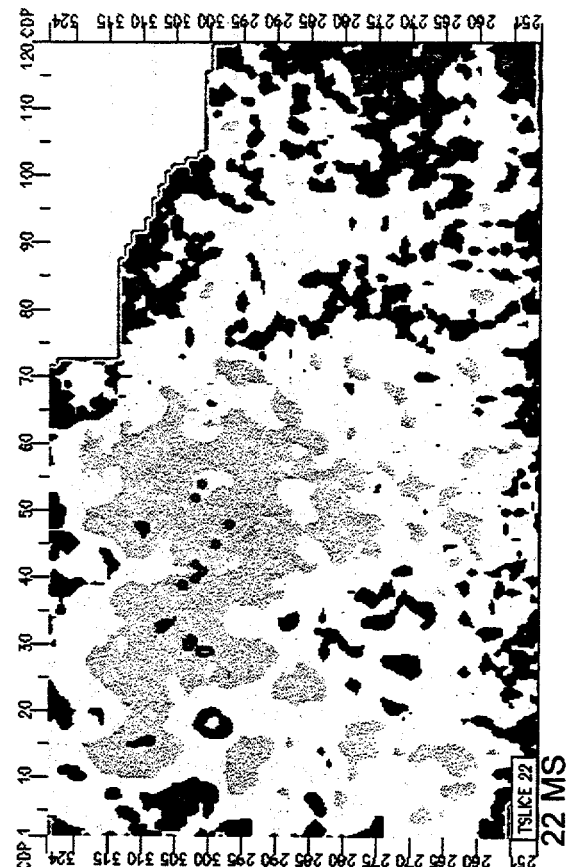
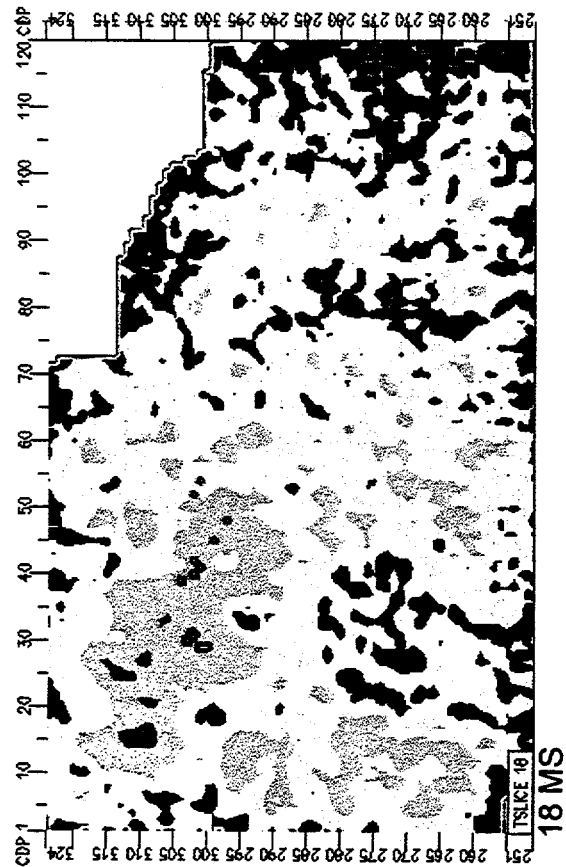
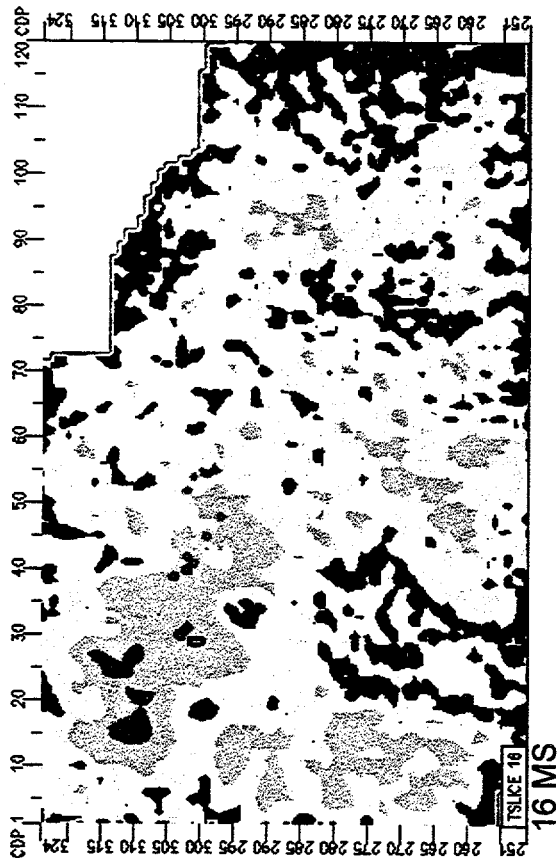
INSTANTANEOUS AMPLITUDE AT 0,2,4,6 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS AMPLITUDE AT 8,10,12,14 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS AMPLITUDE AT 16,18,20,22 ms GRAYBURG/SAN ANDRES

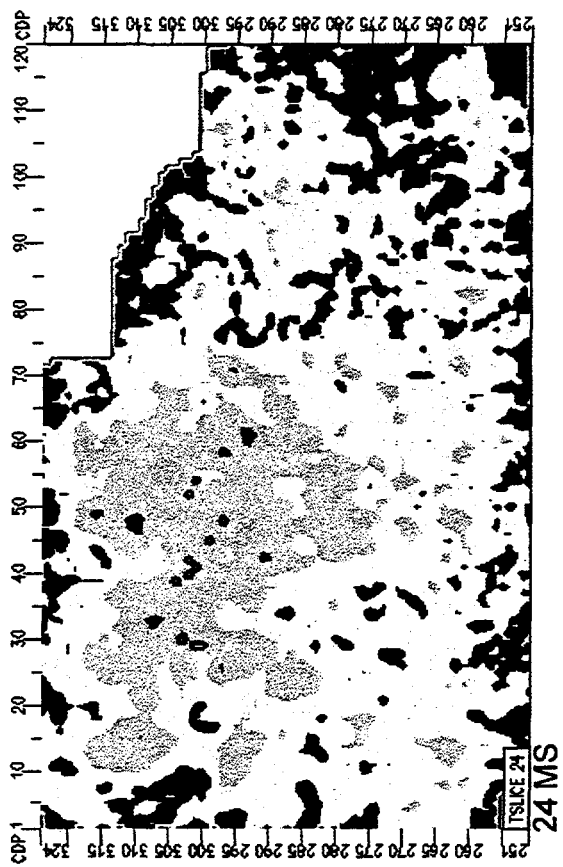


GeoSpectrum, Inc.

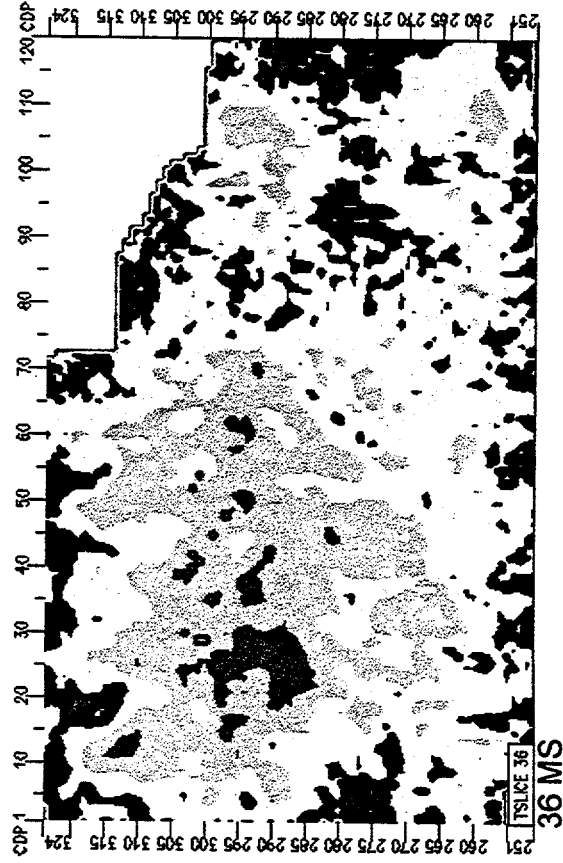
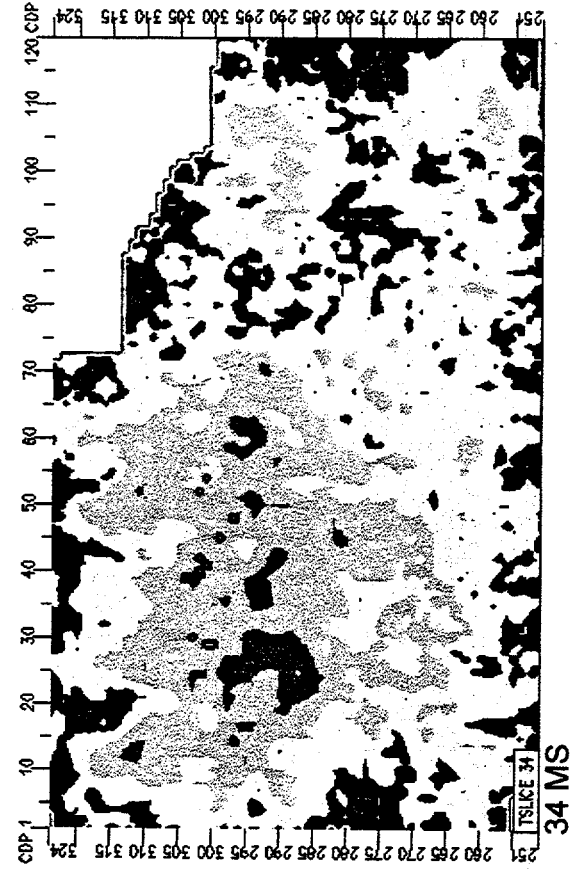
951126C

LAGUNA / D.O.E. PROJECT - ECTOR COUNTY, TEXAS

INSTANTANEOUS AMPLITUDE AT 24,26,28,30 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS AMPLITUDE AT 32,34,36,38 ms GRAYBURG/SAN ANDRES

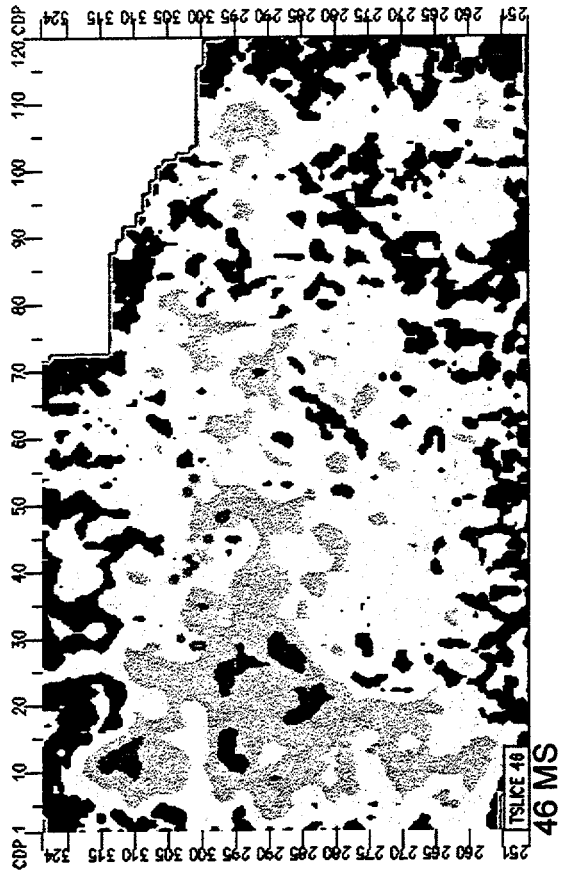
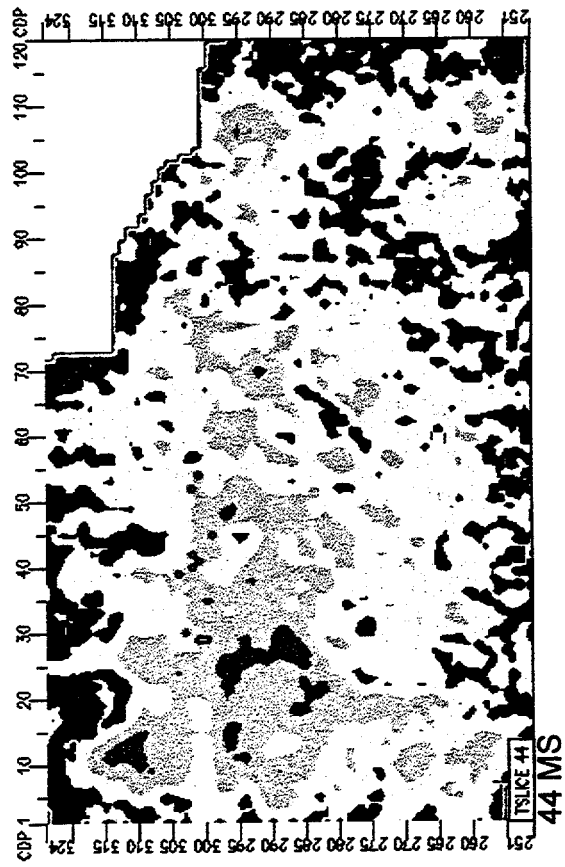
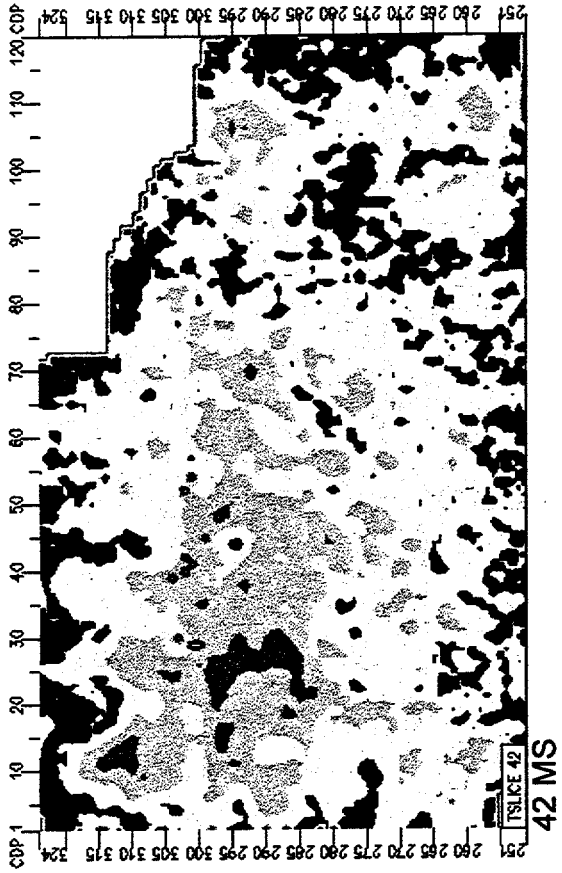
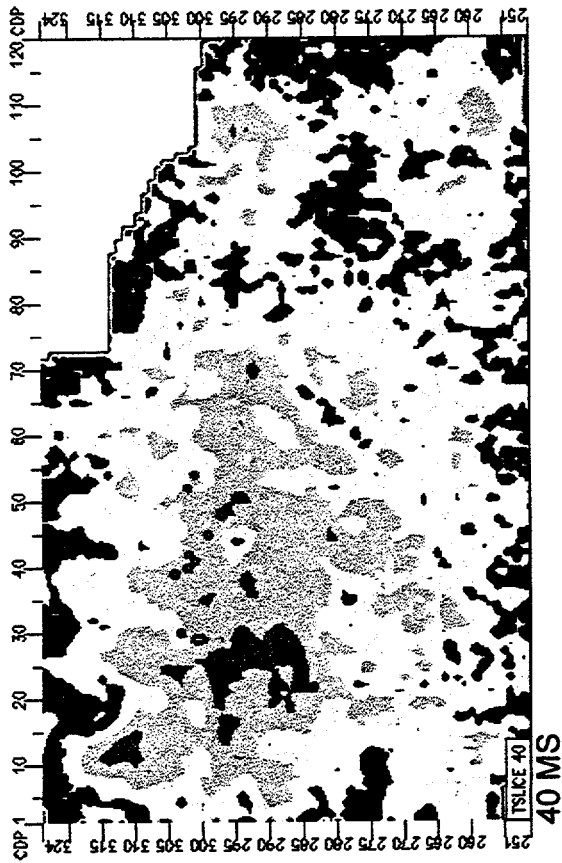


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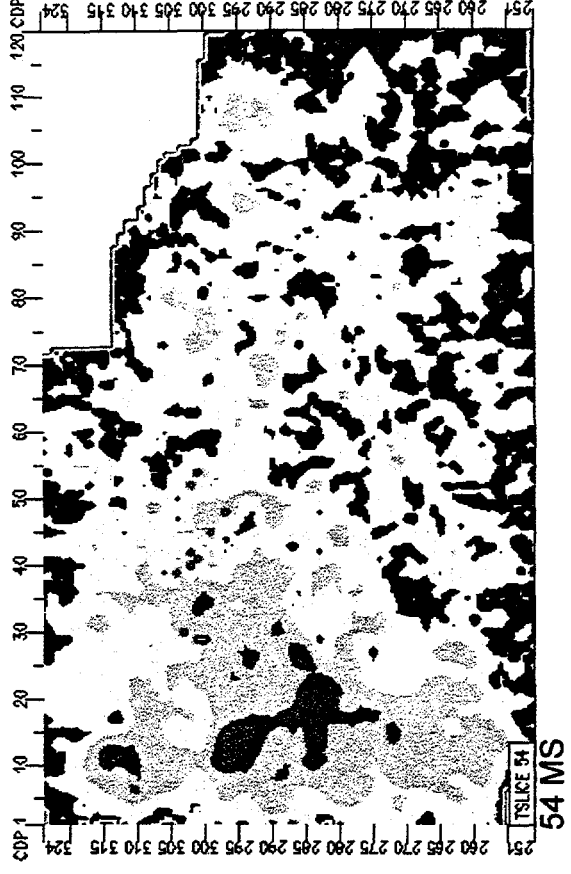
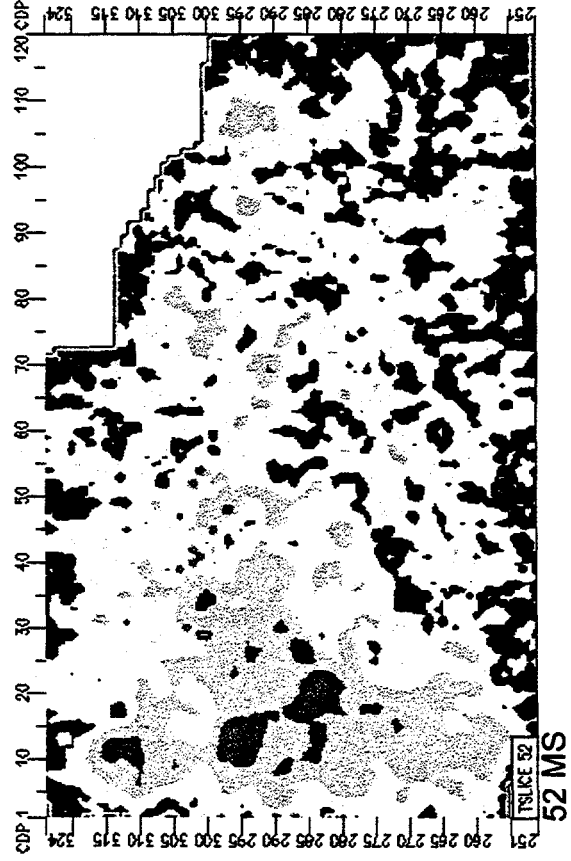
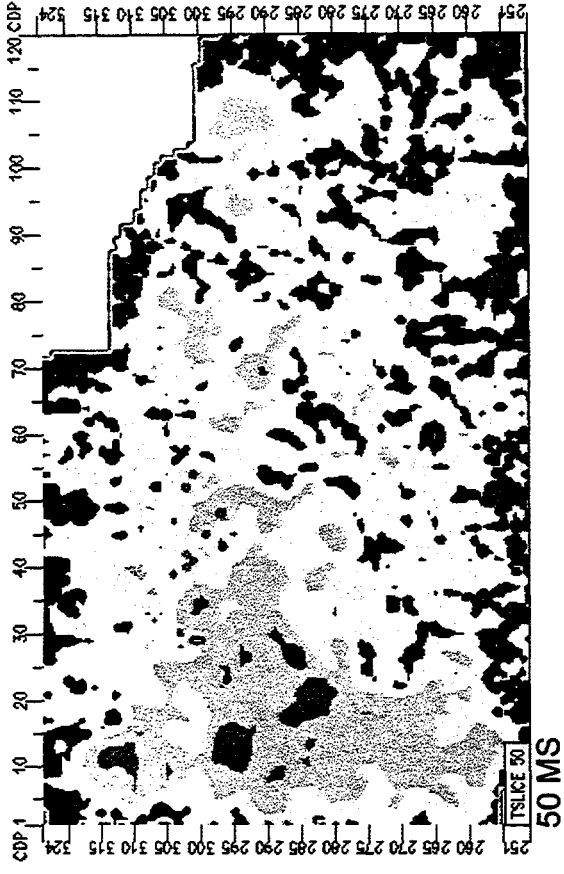
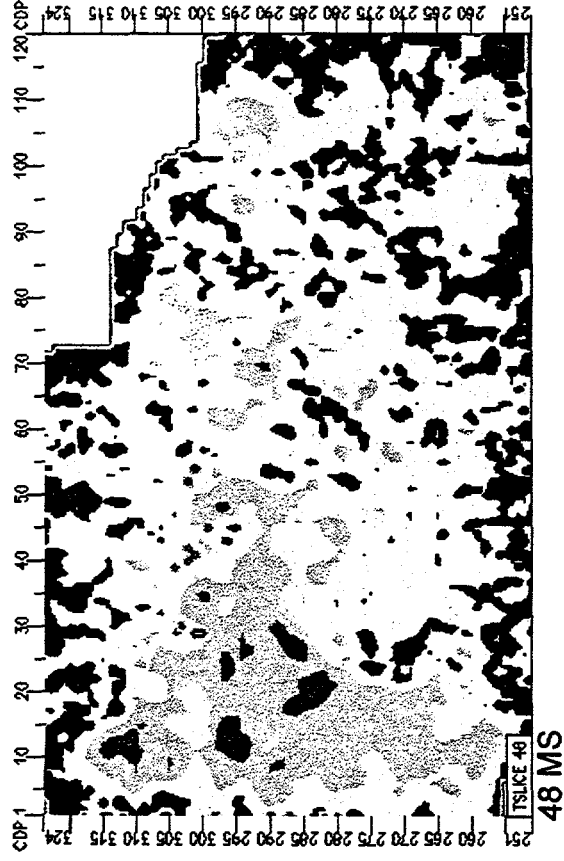
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LAGUNA / D.O.E. PROJECT - ECTOR COUNTY, TEXAS

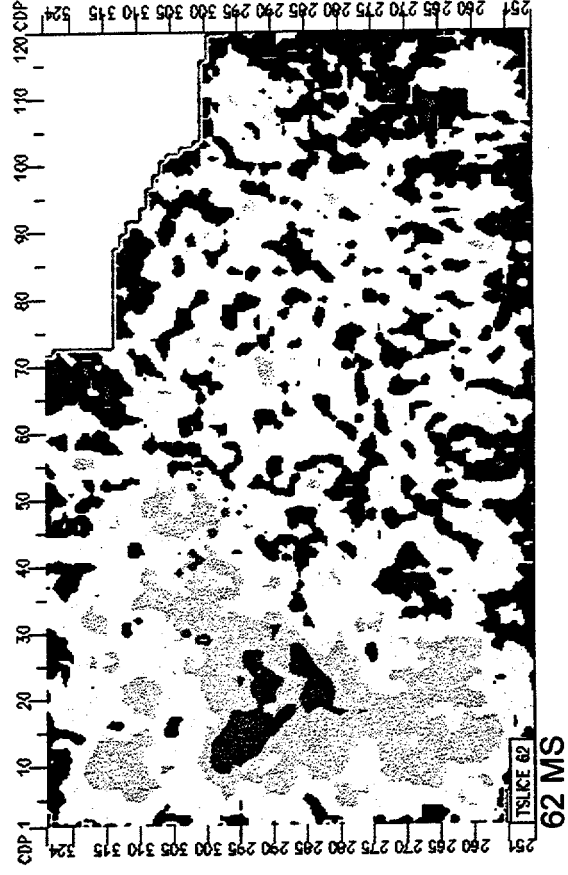
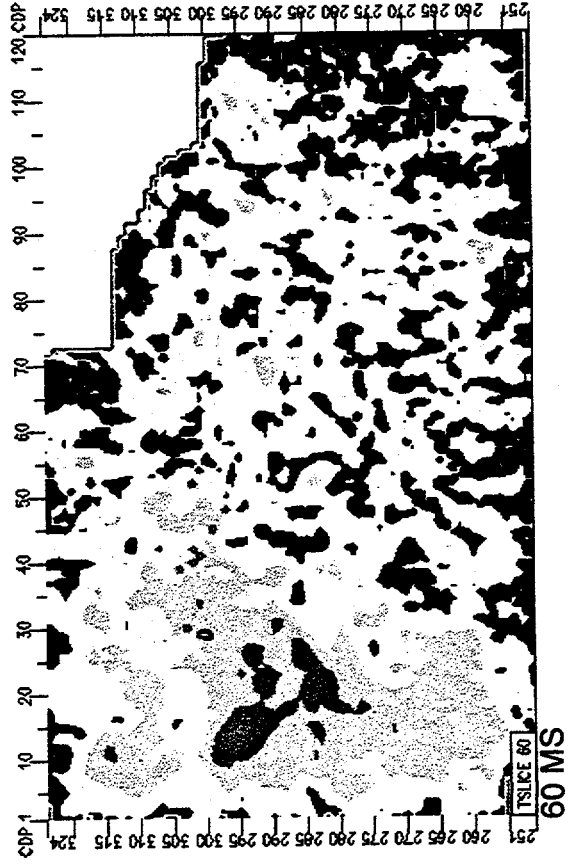
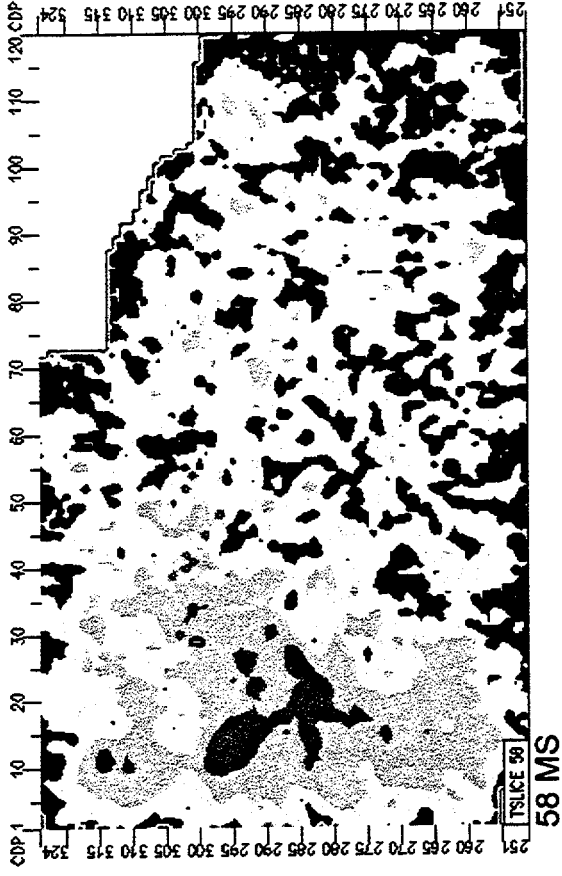
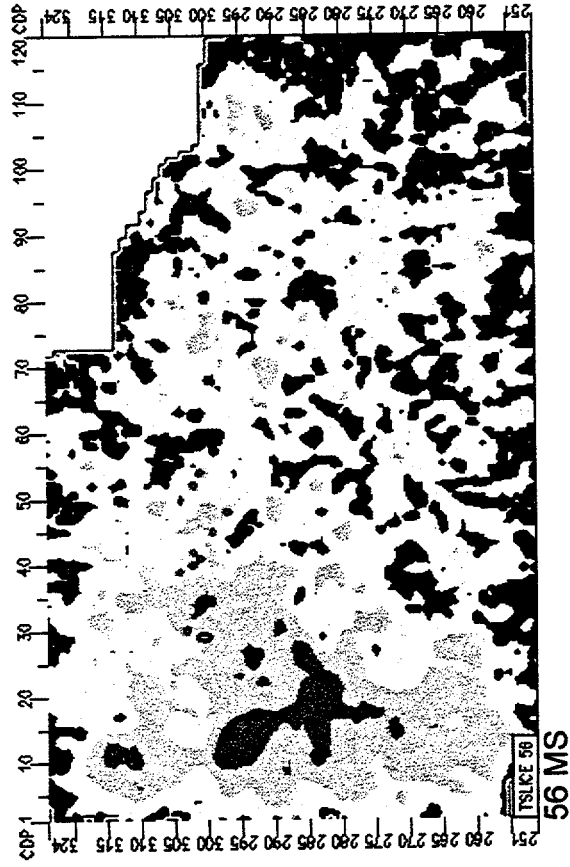
INSTANTANEOUS AMPLITUDE AT 40,42,44,46 ms GRAYBURG/SAN ANDRES



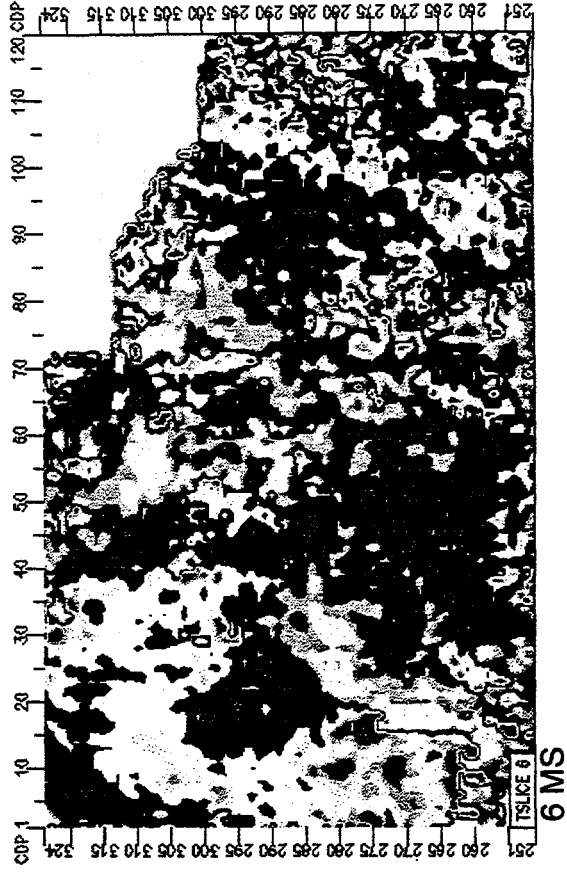
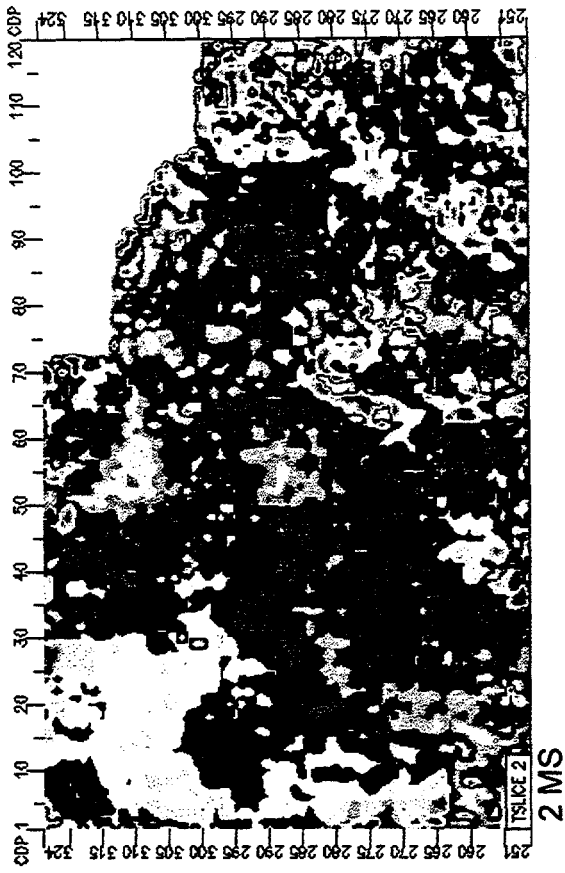
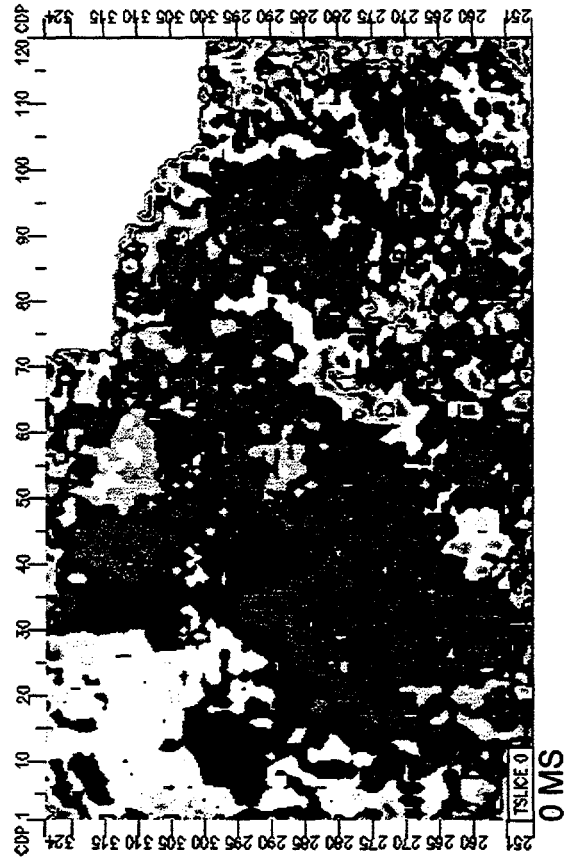
INSTANTANEOUS AMPLITUDE AT 48,50,52,54 ms GRAYBURG/SAN ANDRES



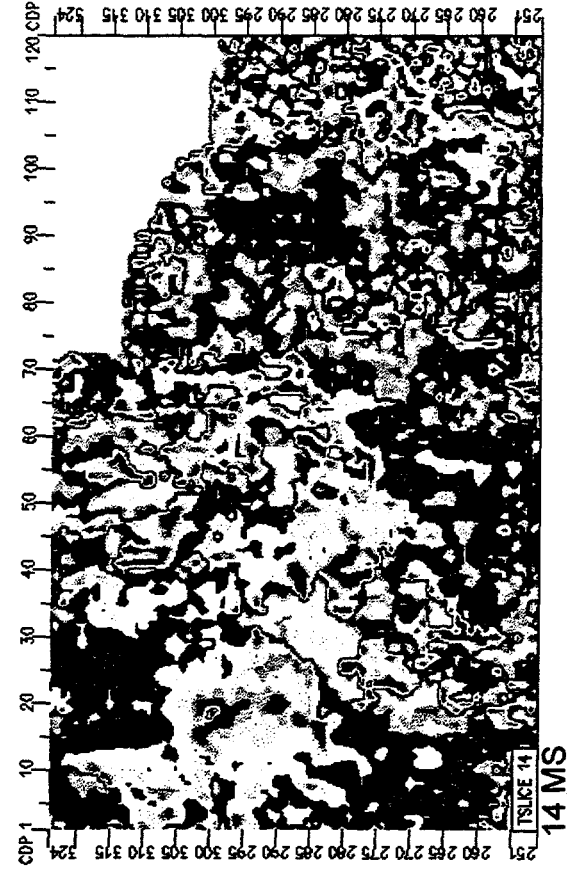
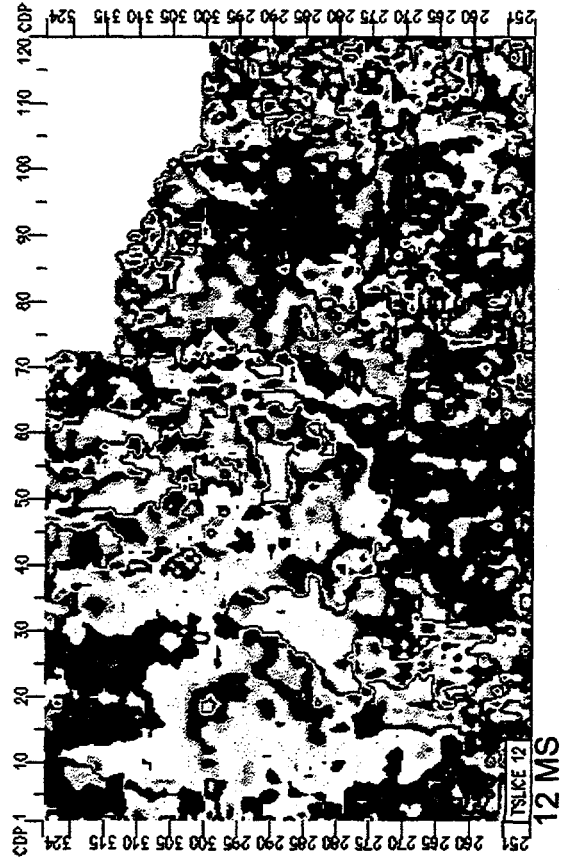
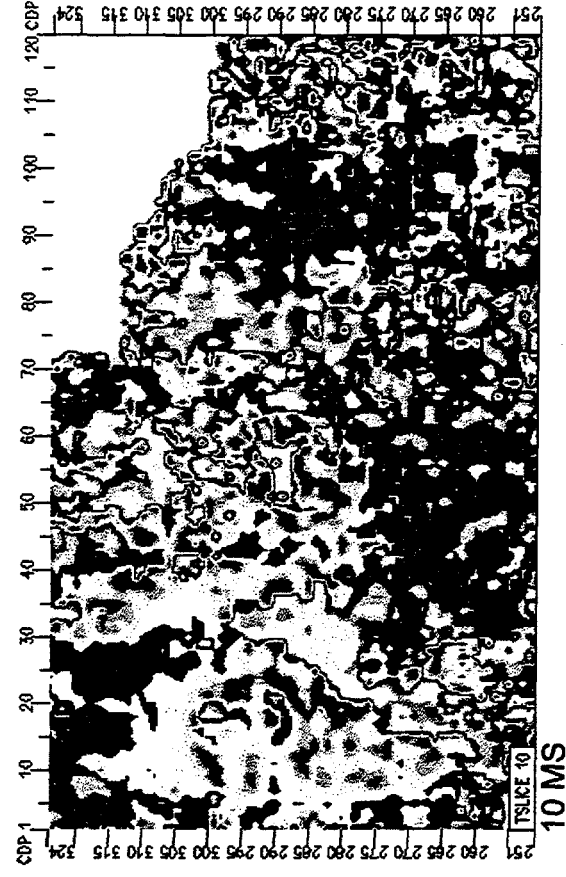
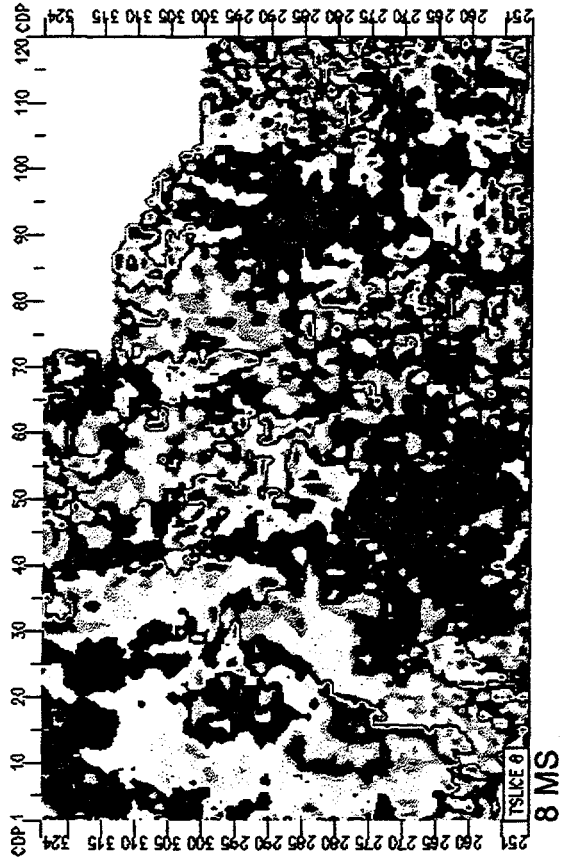
INSTANTANEOUS AMPLITUDE AT 56,58,60,62 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS FREQUENCY AT 0,2,4,6 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS FREQUENCY AT 8,10,12,14 ms GRAYBURG/SAN ANDRES

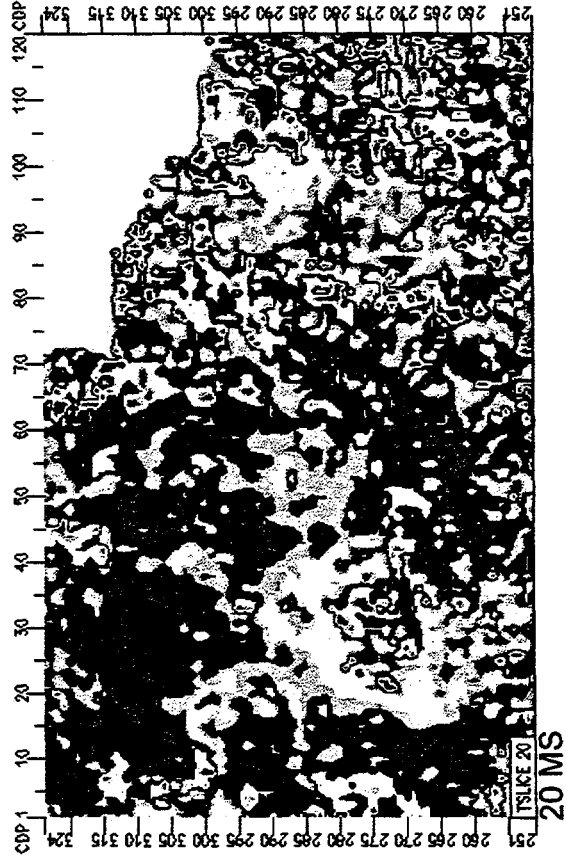
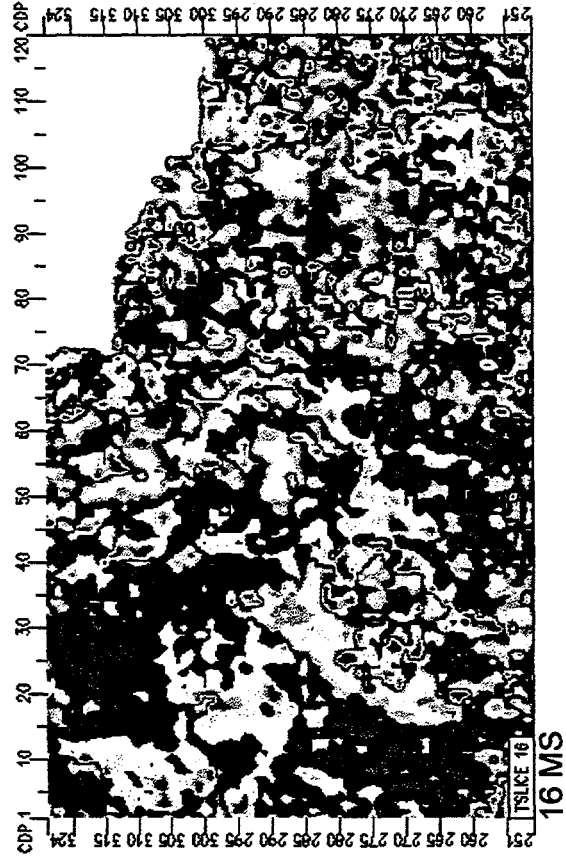


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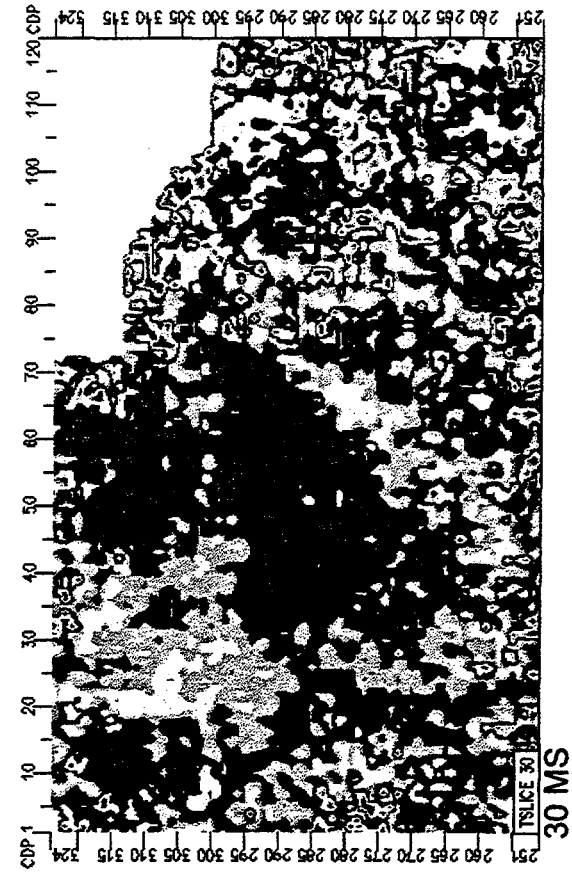
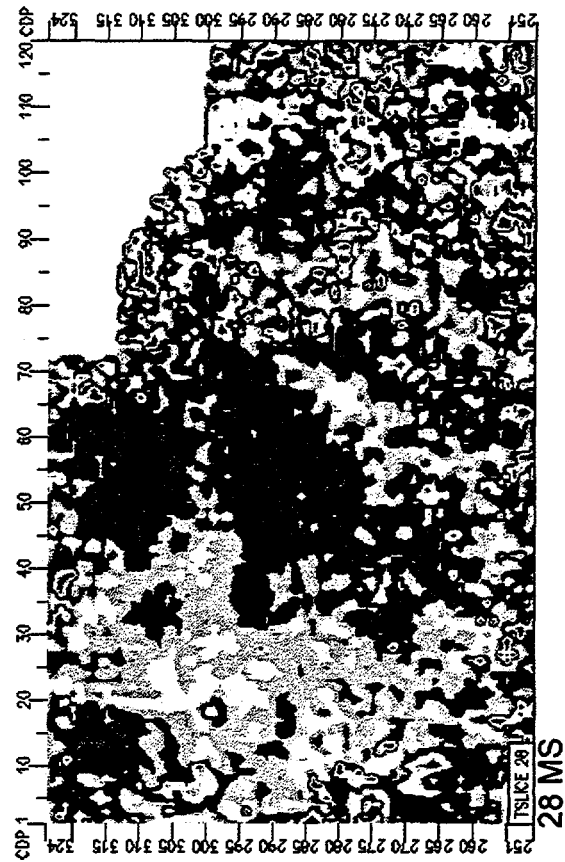
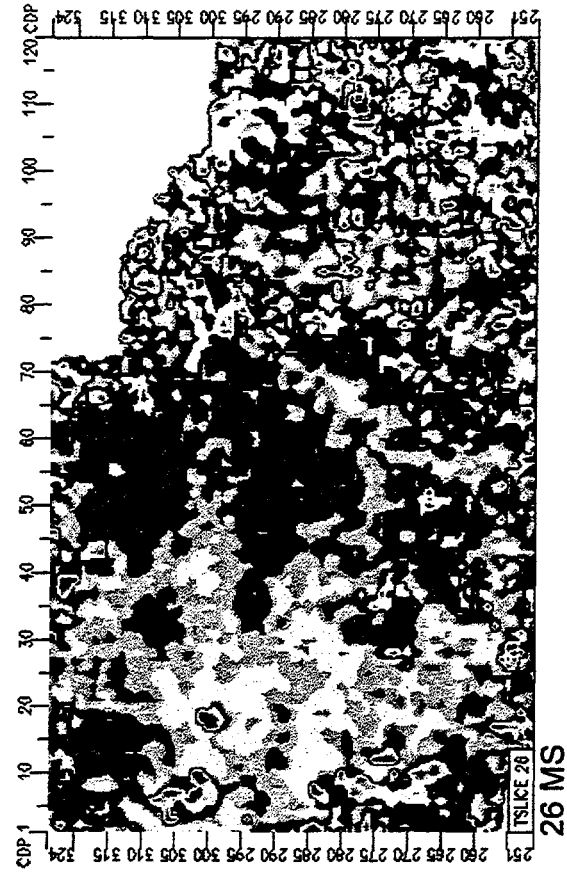
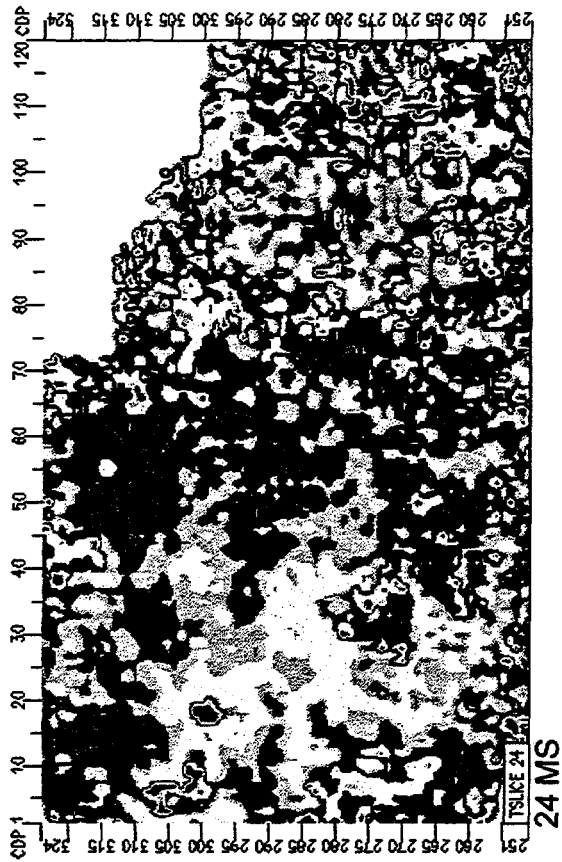
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LAGUNA / D.O.E. PROJECT - ECTOR COUNTY, TEXAS

INSTANTANEOUS FREQUENCY AT 16,18,20,22 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS FREQUENCY AT 24,26,28,30 ms GRAYBURG/SAN ANDRES

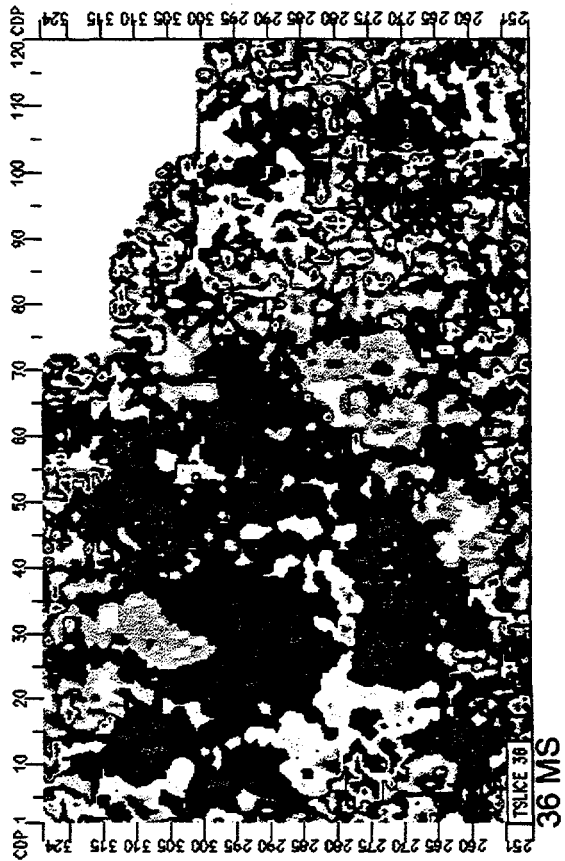
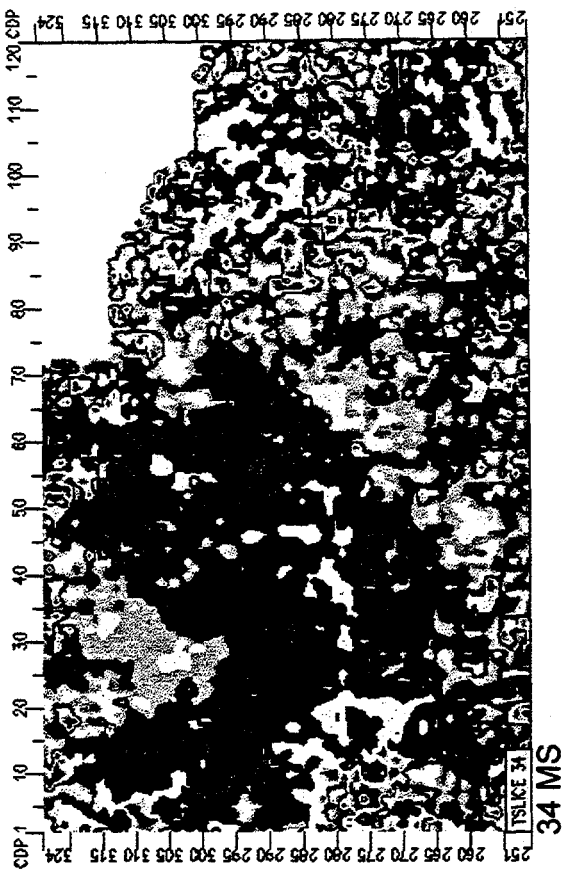
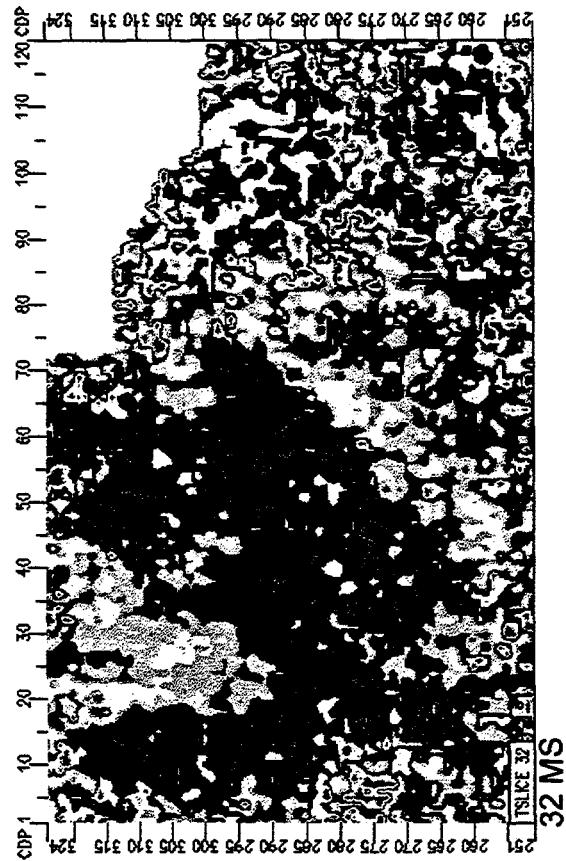


GeoSpectrum, Inc.

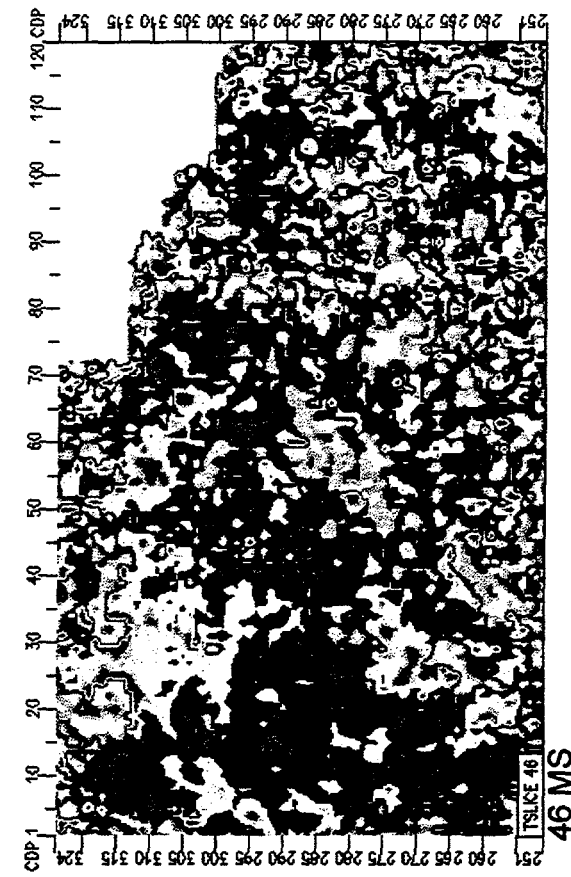
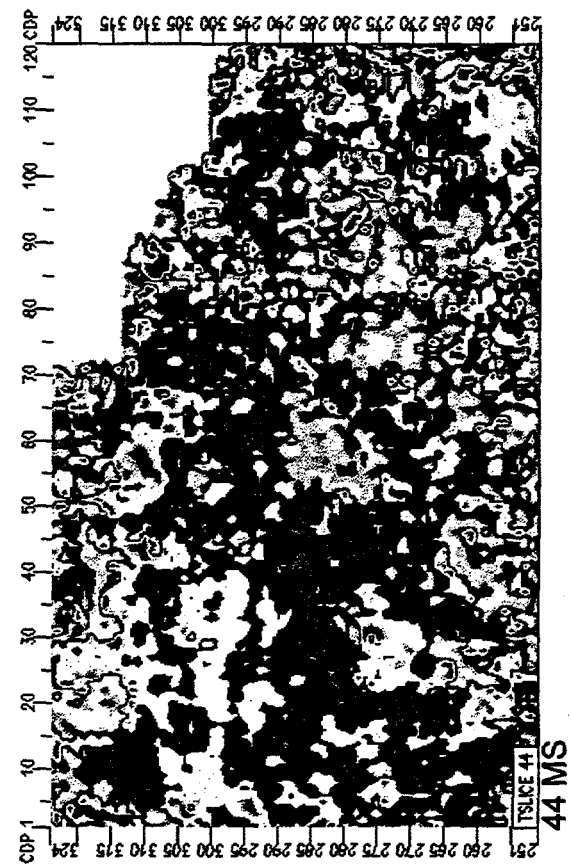
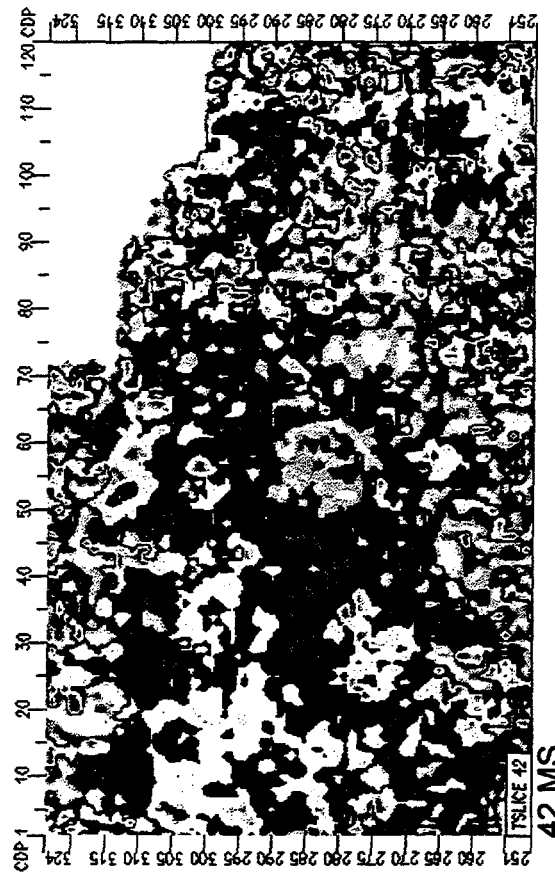
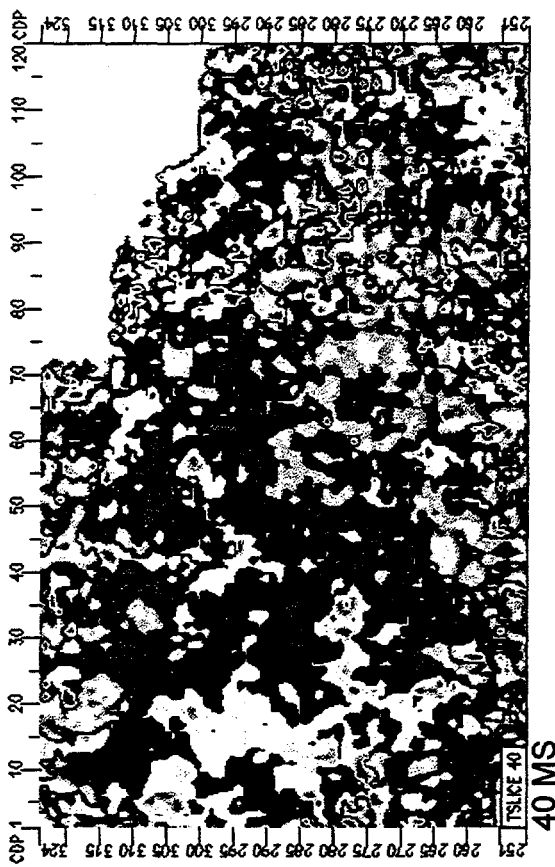
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LAGUNA / D.O.E. PROJECT - ECTOR COUNTY, TEXAS

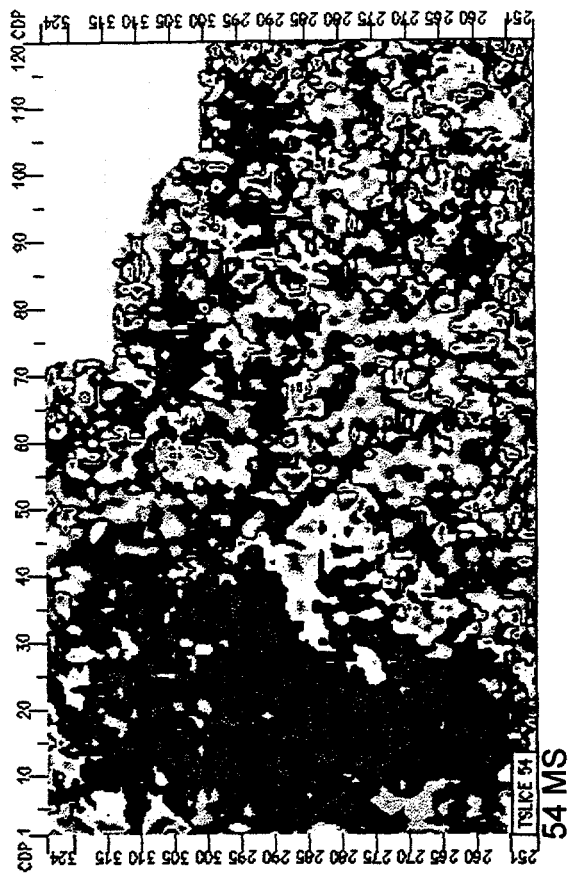
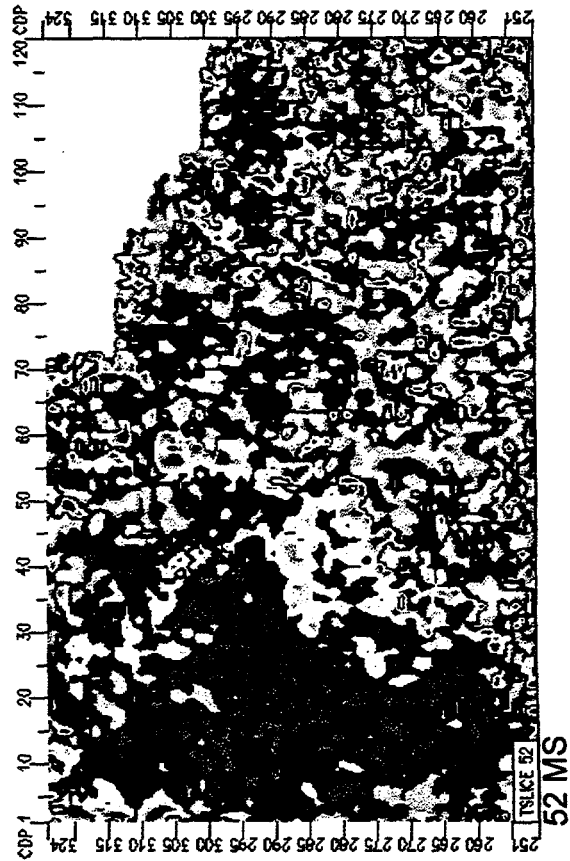
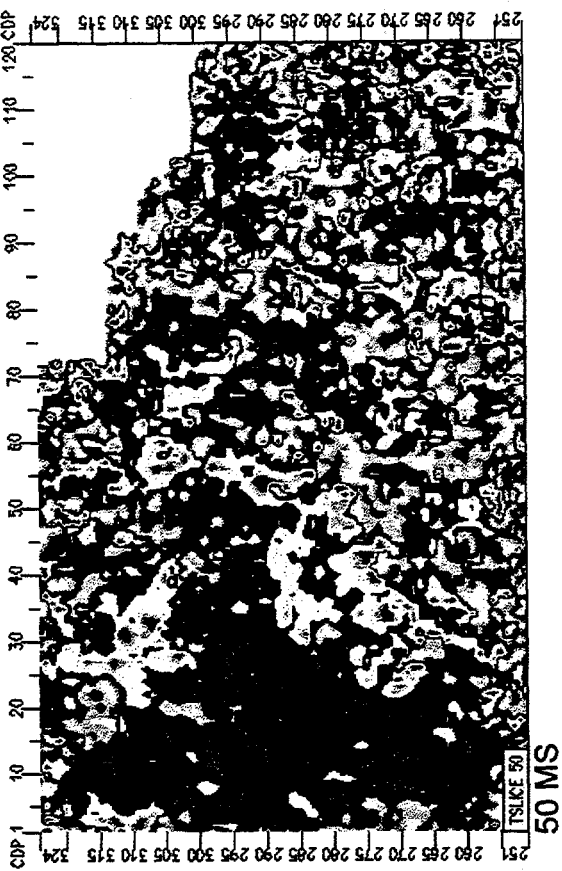
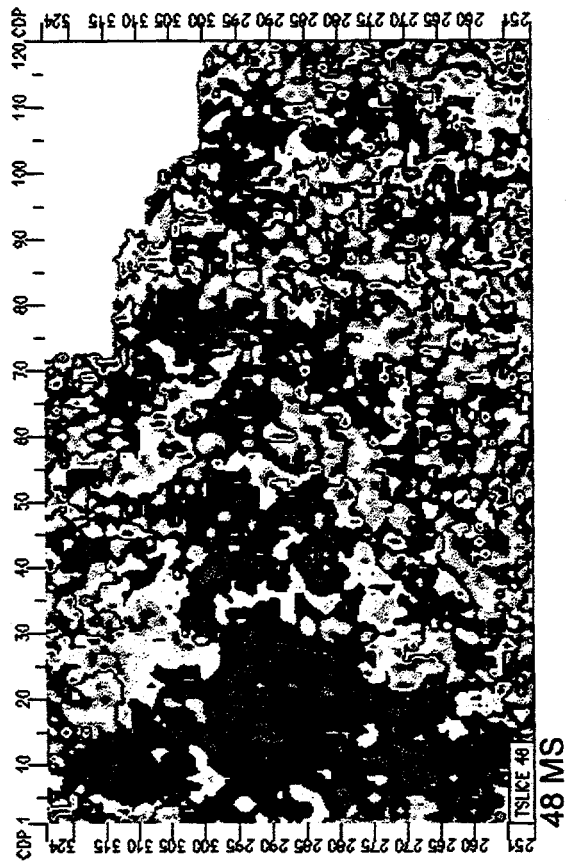
INSTANTANEOUS FREQUENCY AT 32,34,36,38 ms GRAYBURG/SAN ANDRES



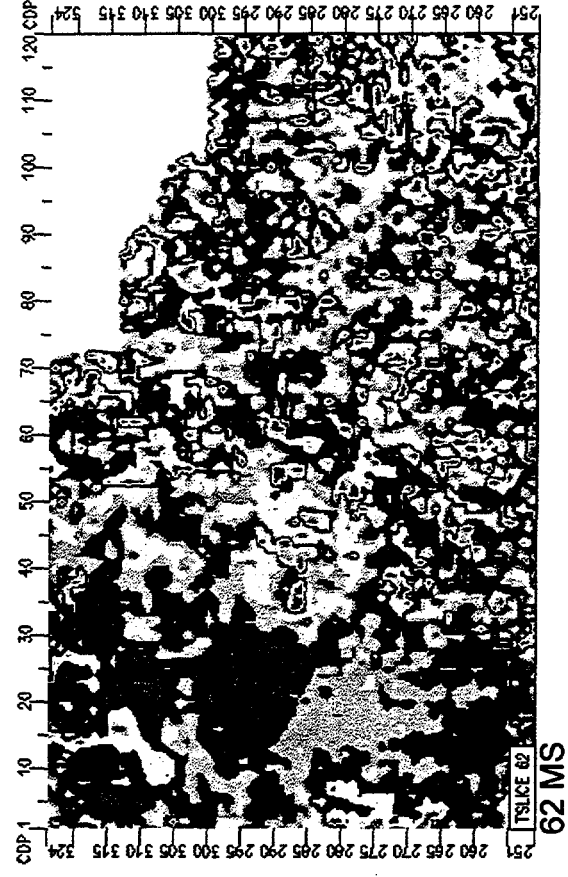
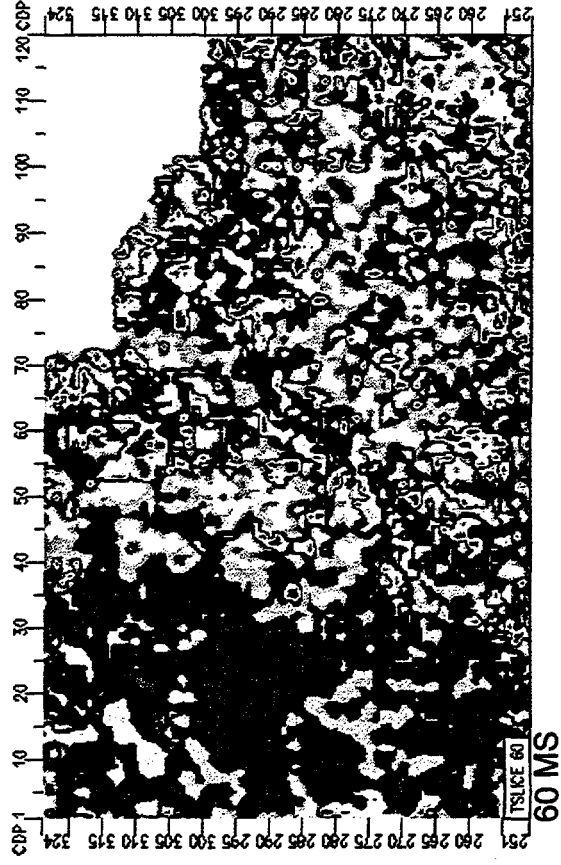
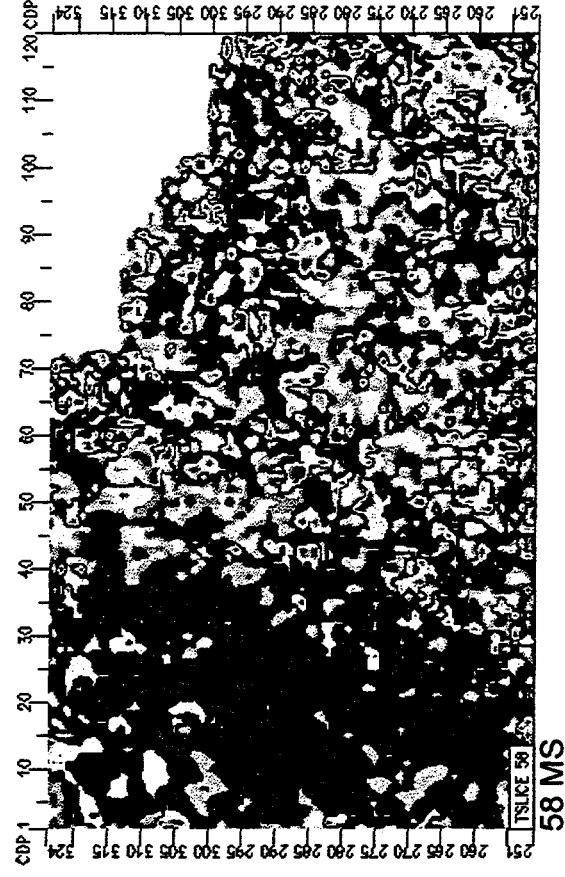
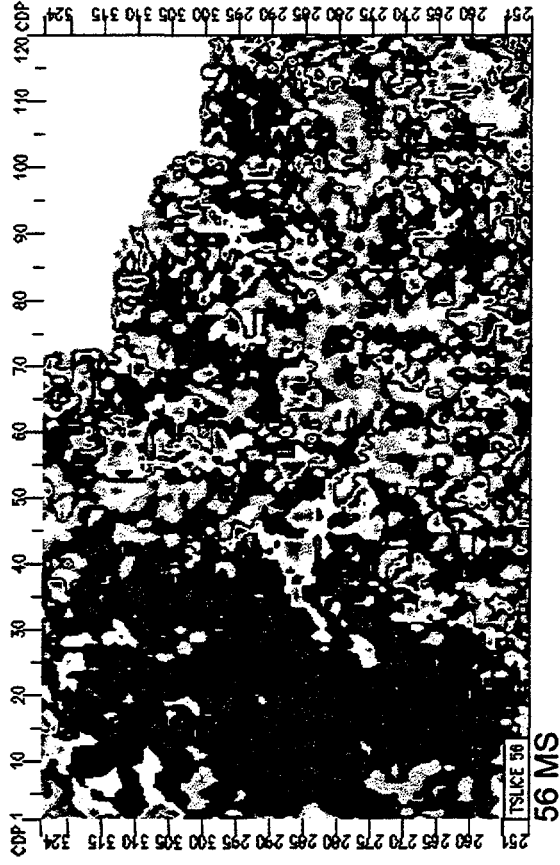
INSTANTANEOUS FREQUENCY AT 40,42,44,46 ms GRAYBURG/SAN ANDRES



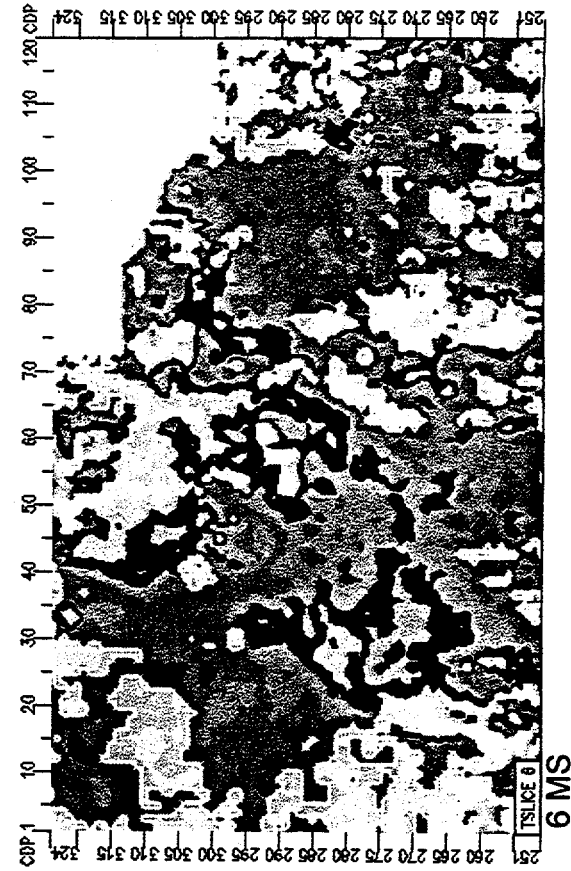
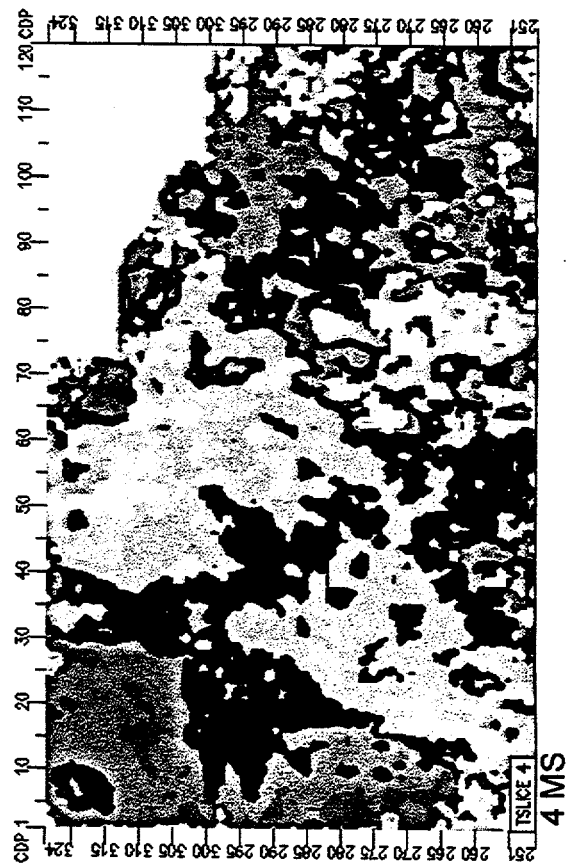
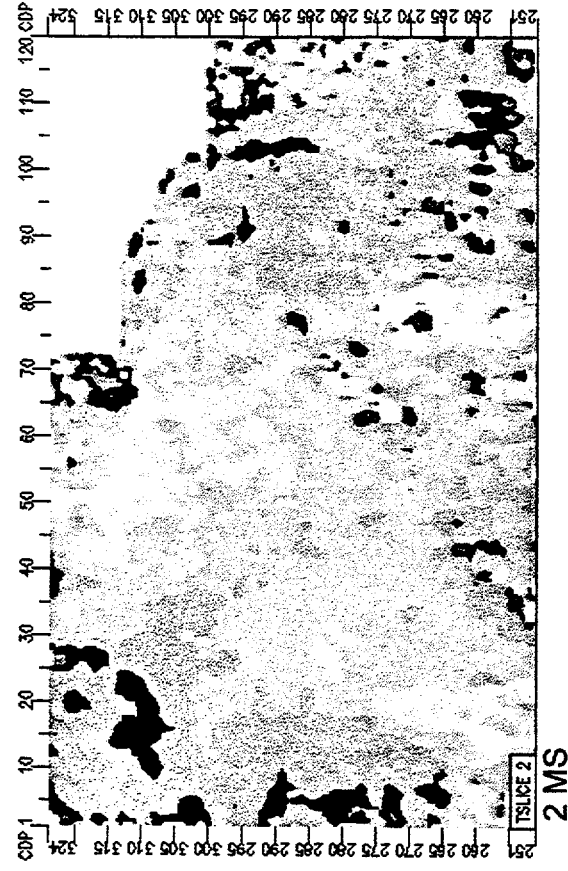
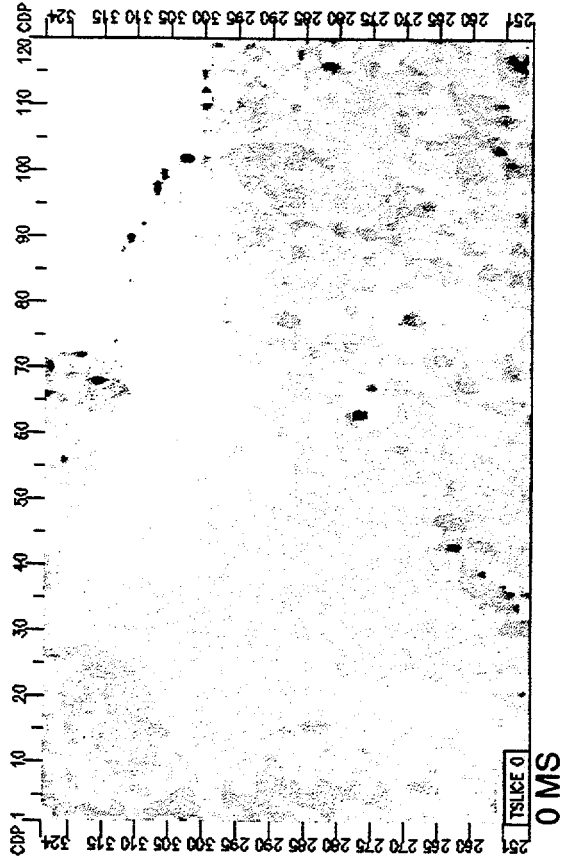
INSTANTANEOUS FREQUENCY 48,50,52,54 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS FREQUENCY AT 56,58,60,62 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS PHASE AT 0,2,4,6 ms GRAYBURG/SAN ANDRES

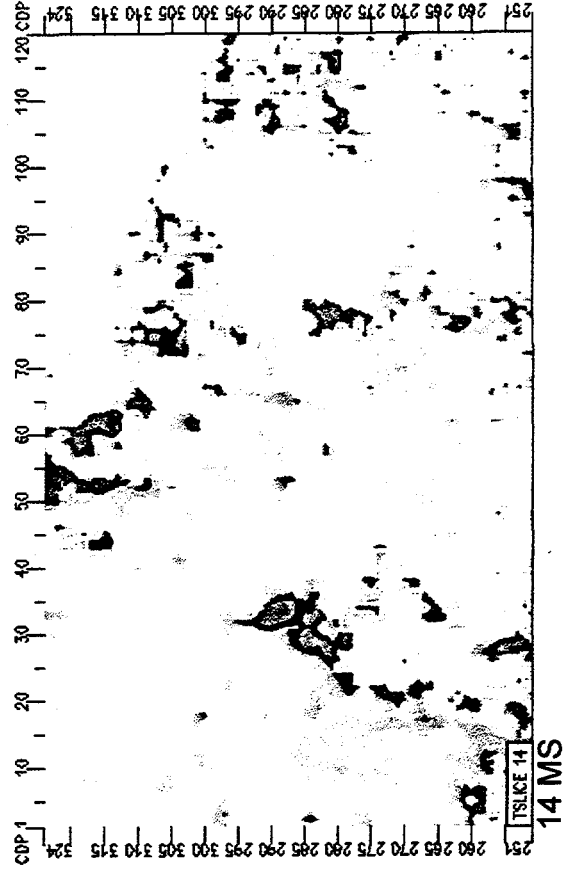
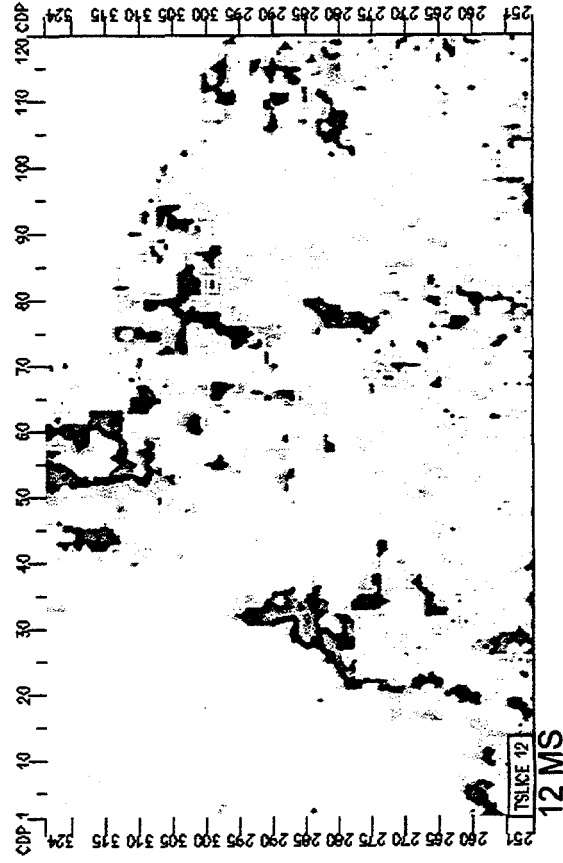
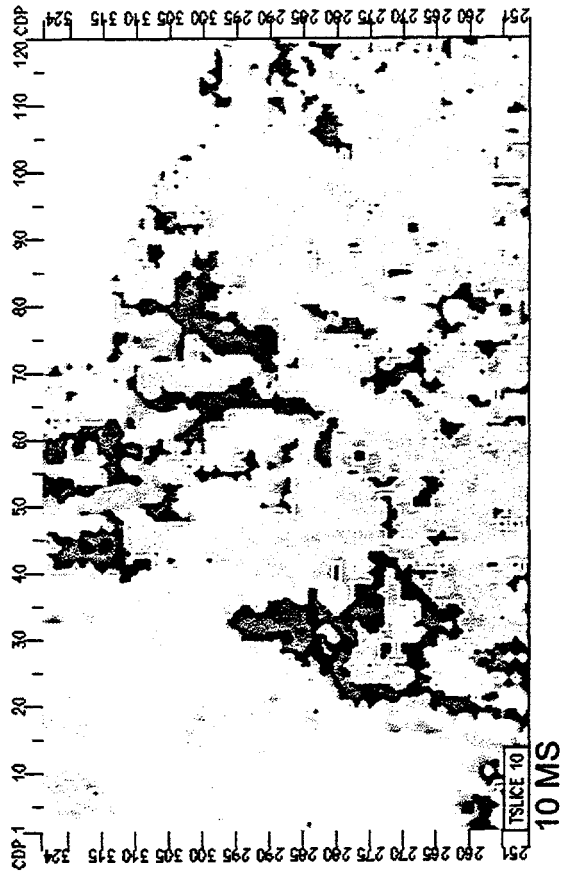
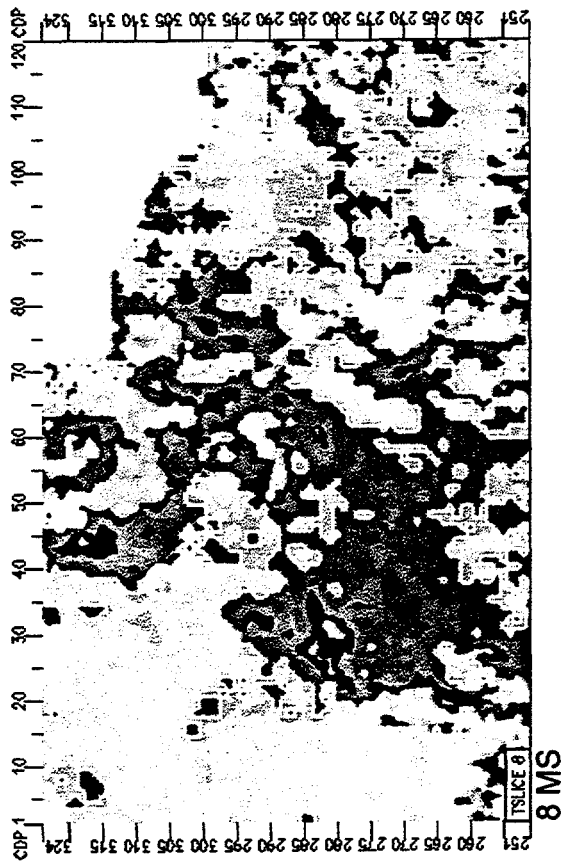


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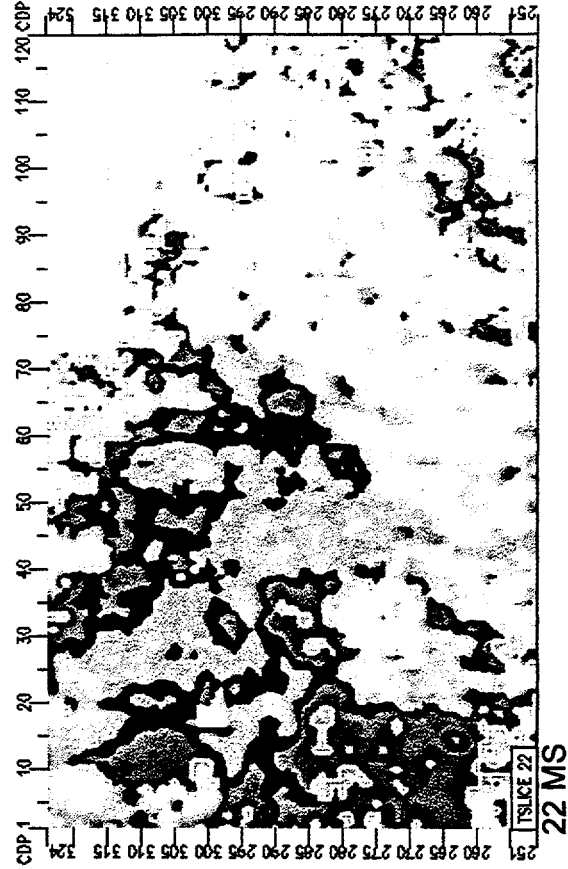
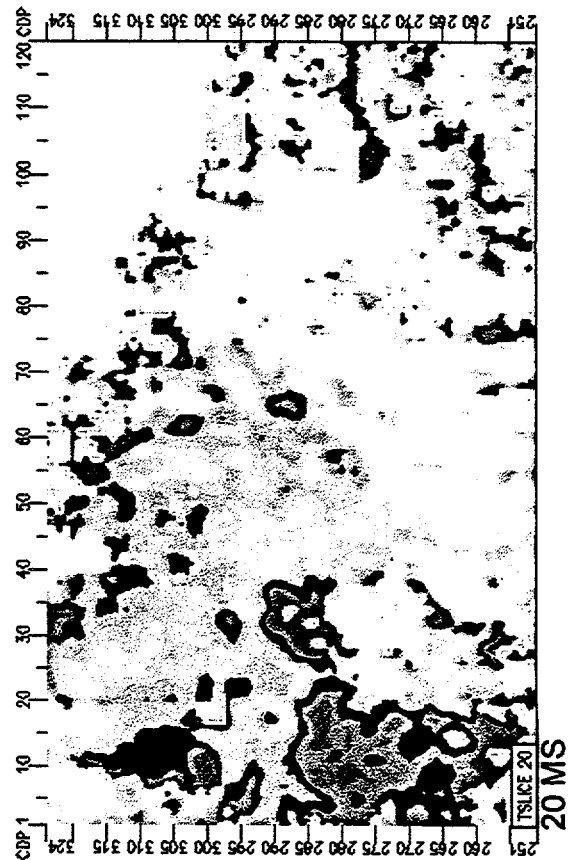
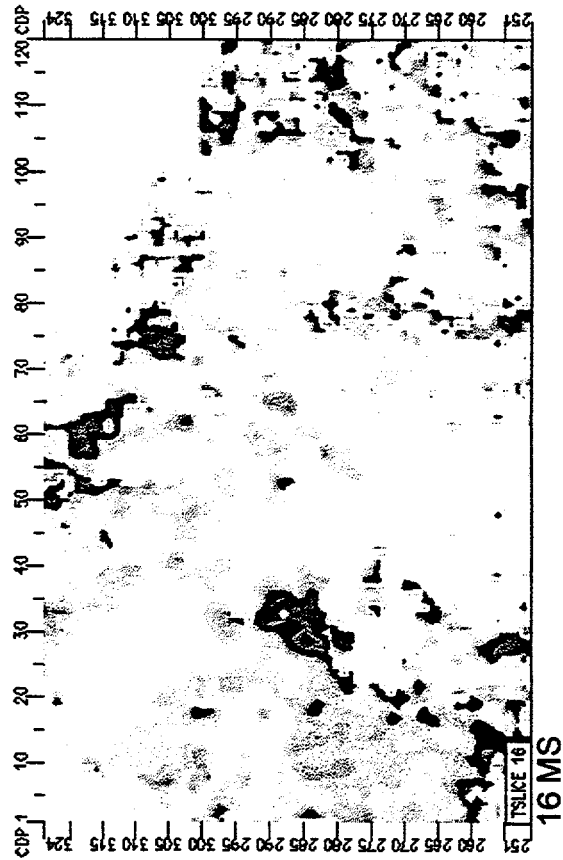
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LAGUNA / D.O.E. PROJECT - ECTOR COUNTY, TEXAS

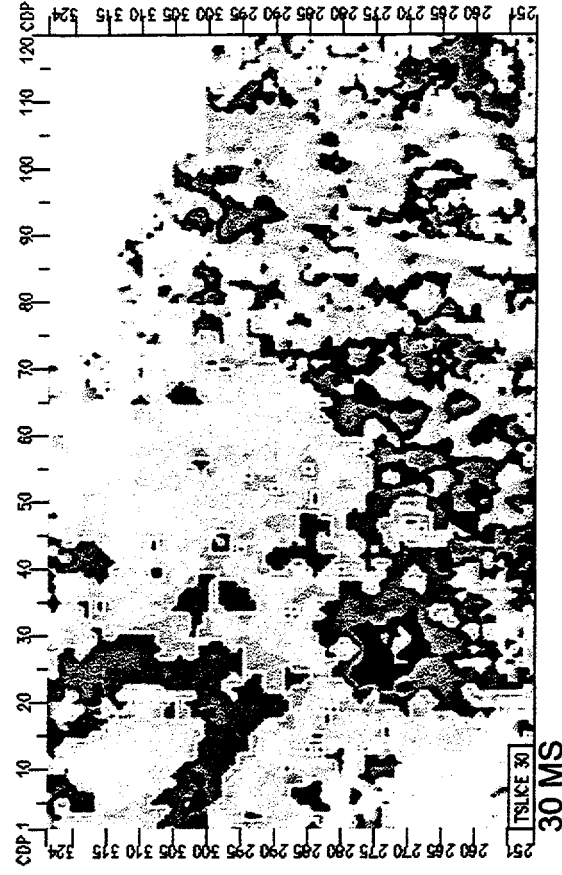
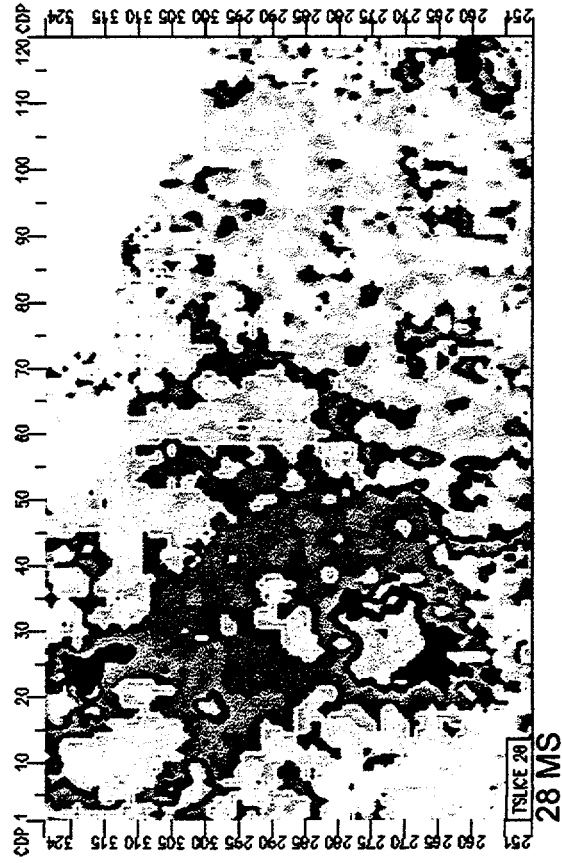
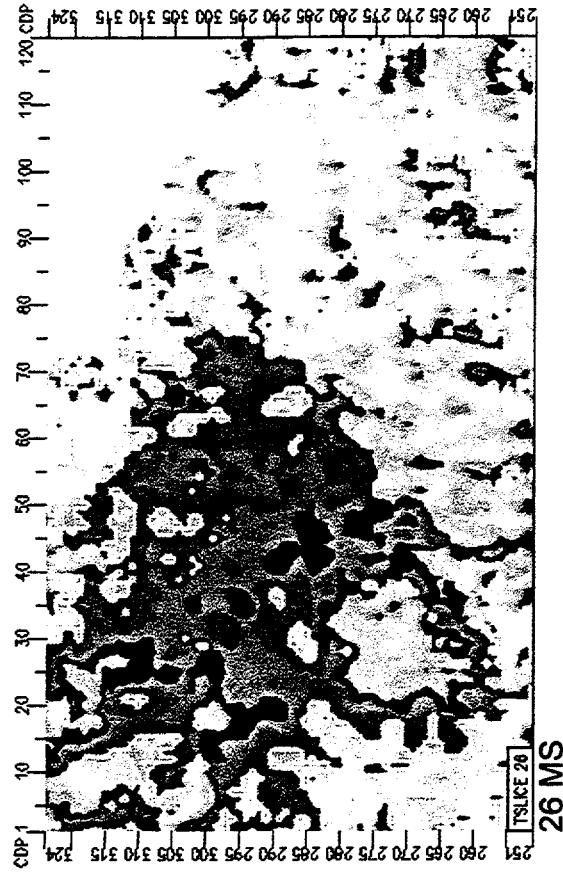
INSTANTANEOUS PHASE AT 8,10,12,14 ms GRAYBURG/SAN ANDRES



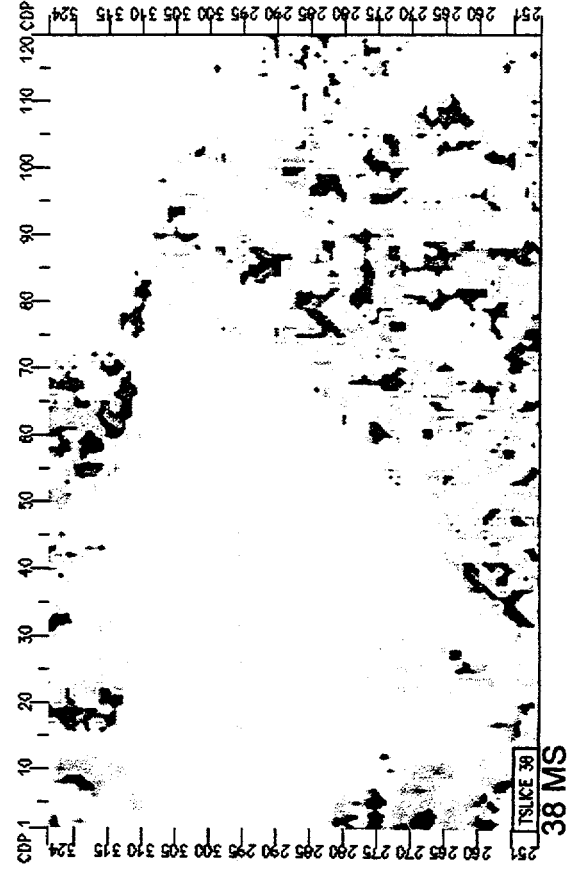
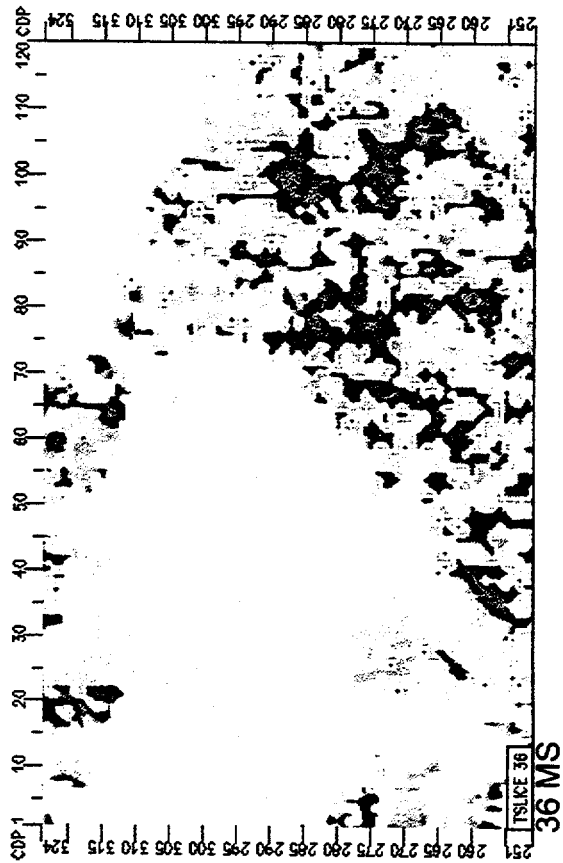
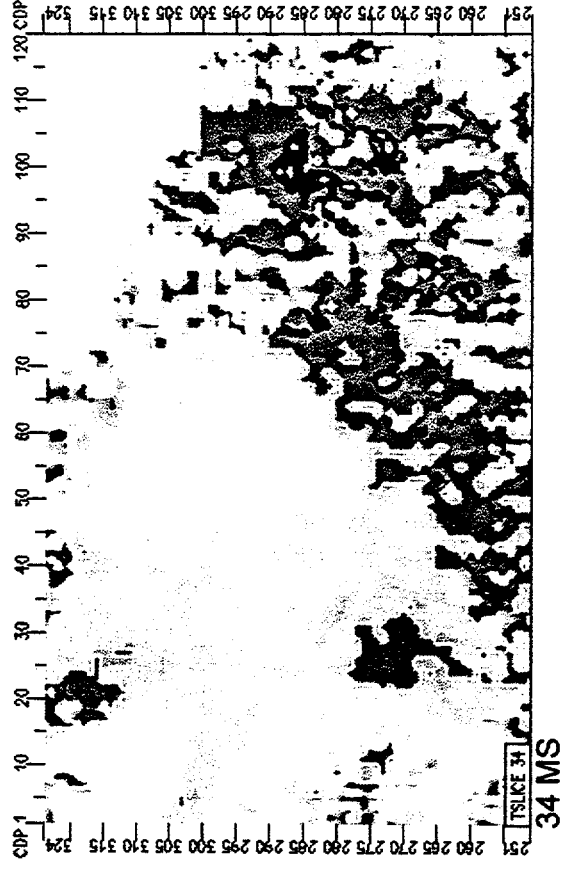
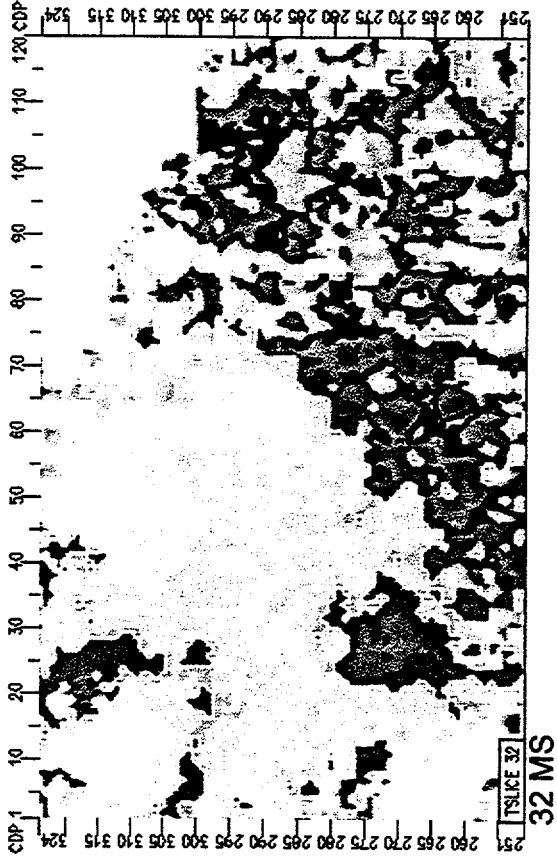
INSTANTANEOUS PHASE AT 16,18,20,22 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS PHASE AT 24,26,28,30 ms GRAYBURG/SAN ANDRES



INSTANTANEOUS PHASE AT 32,34,36,38 ms GRAYBURG/SAN ANDRES

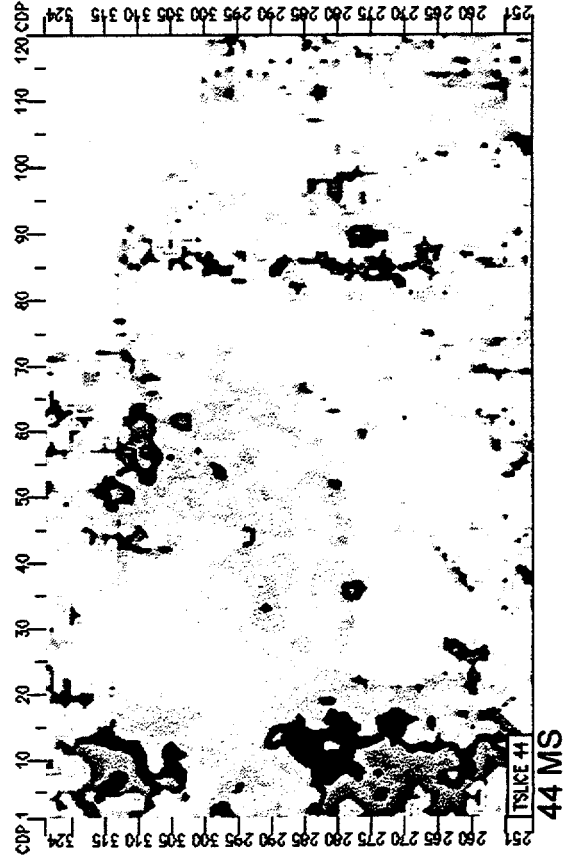
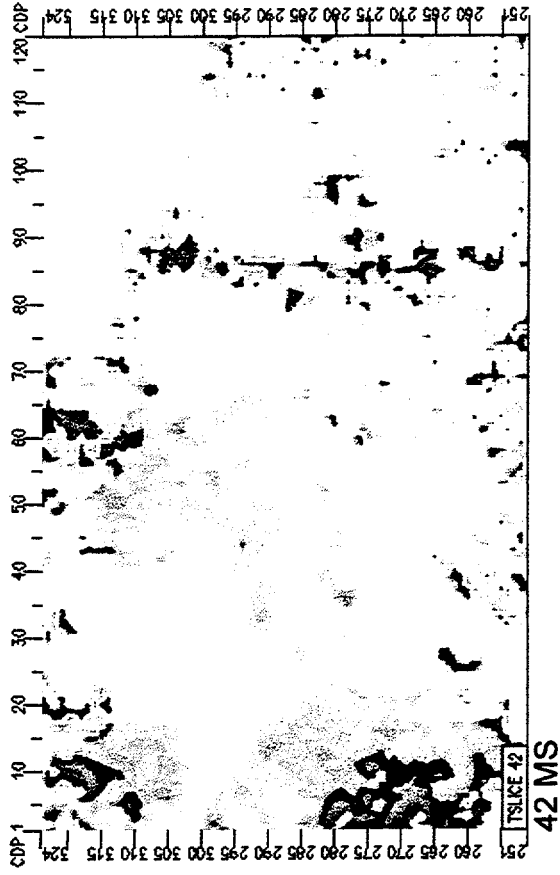
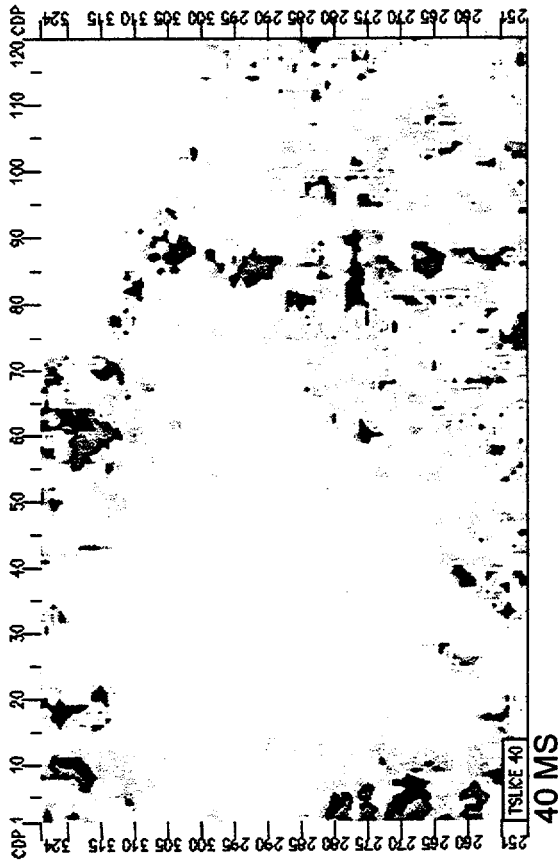


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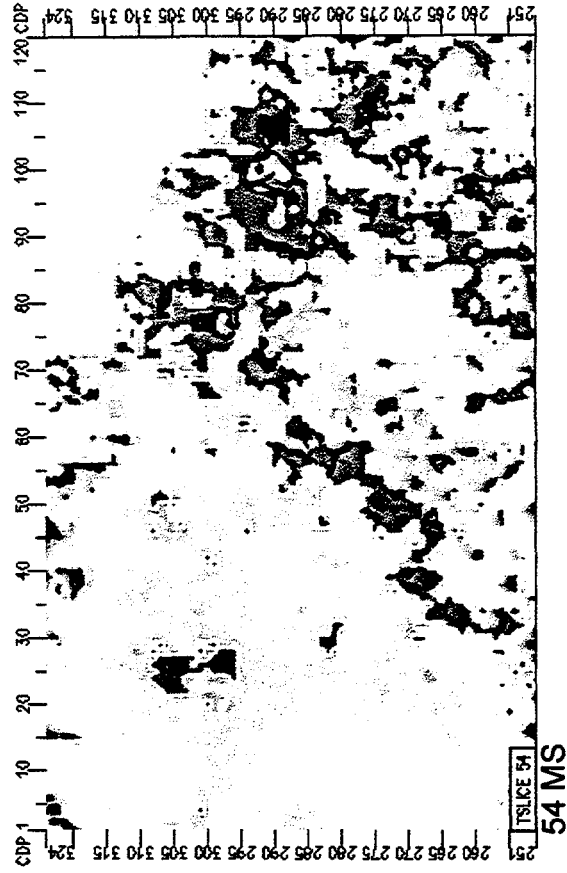
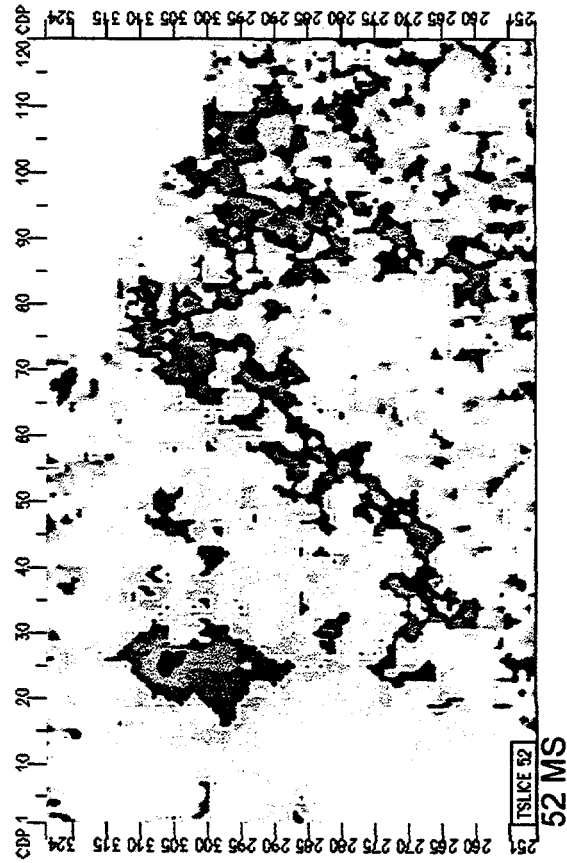
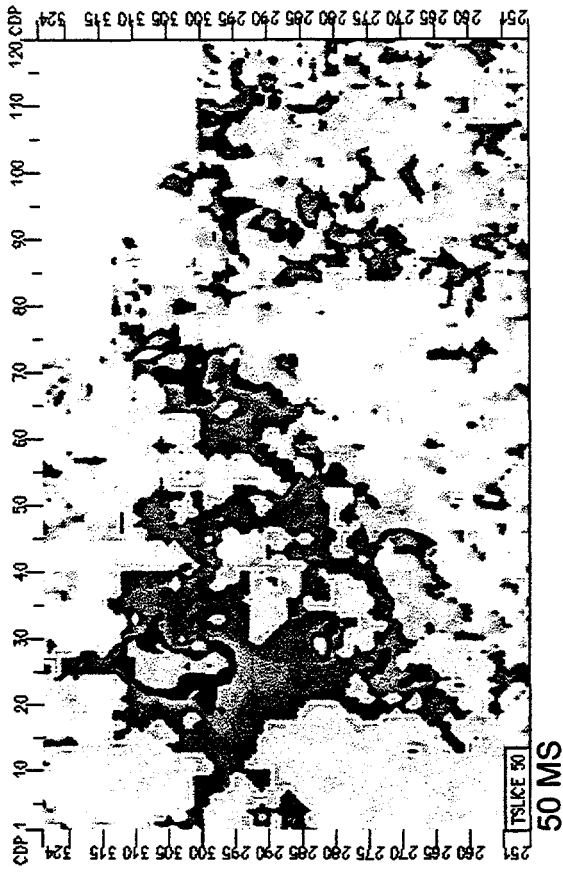
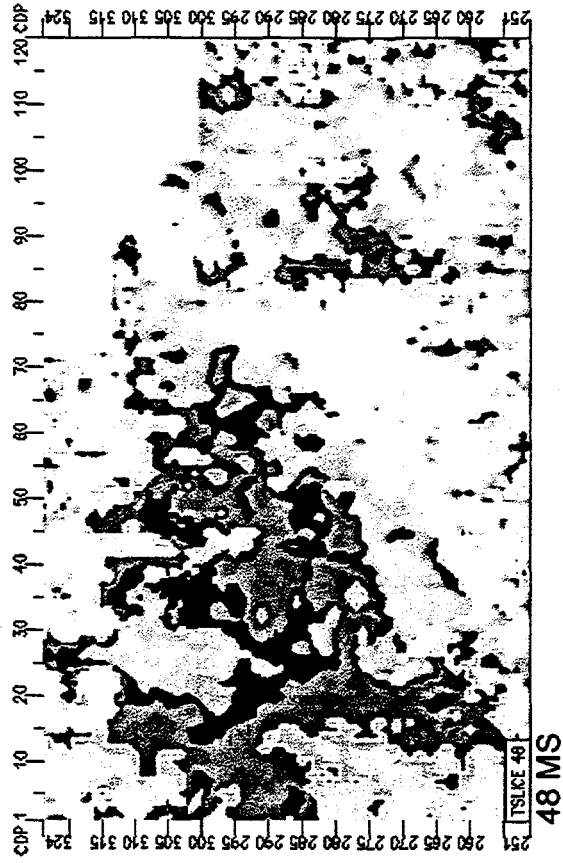
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LAGUNA / D.O.E. PROJECT - ECTOR COUNTY, TEXAS

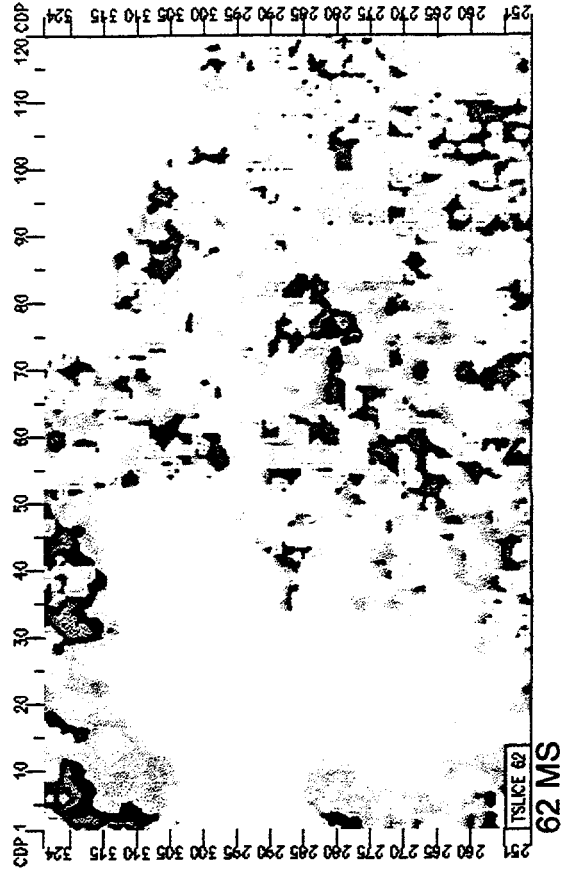
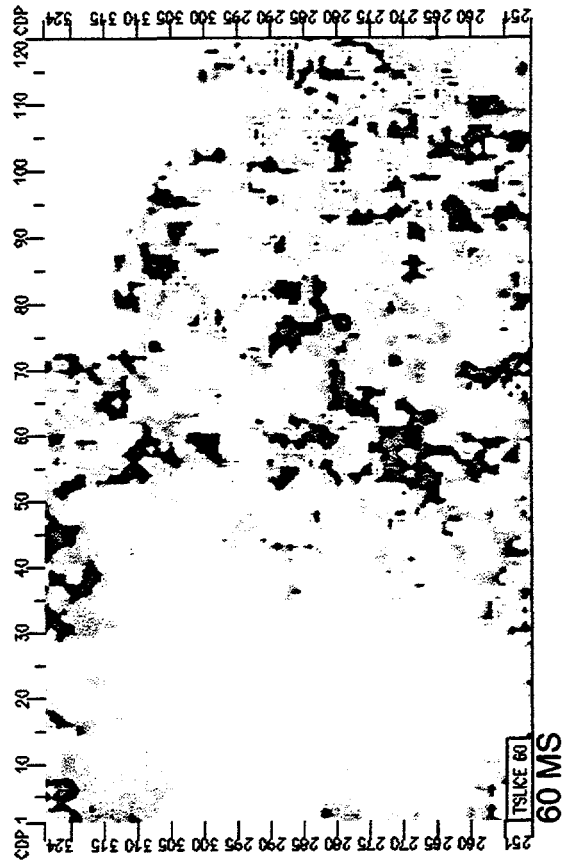
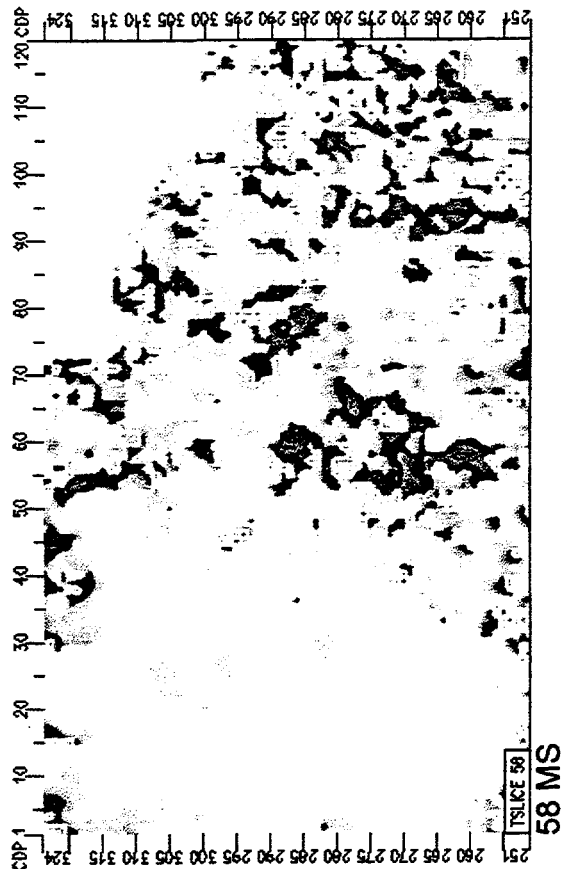
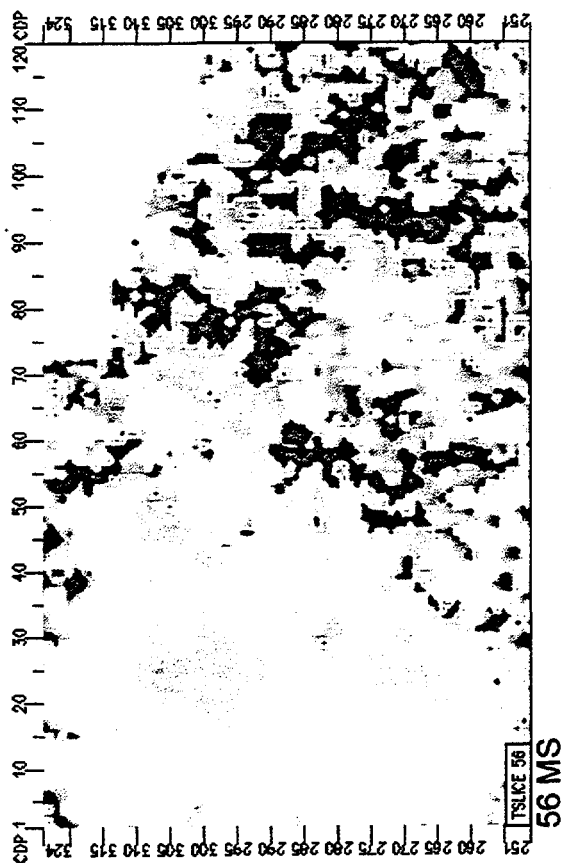
INSTANTANEOUS PHASE AT 40,42,44,46 ms GRAYBURG/SAN ANDRES

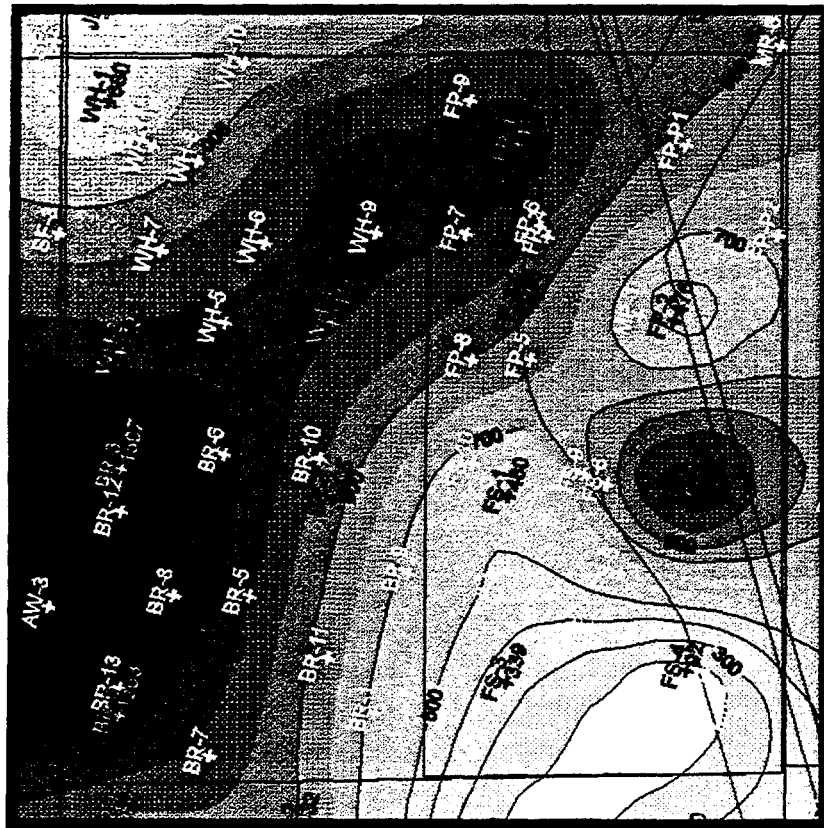


INSTANTANEOUS PHASE AT 48,50,52,54 ms GRAYBURG/SAN ANDRES

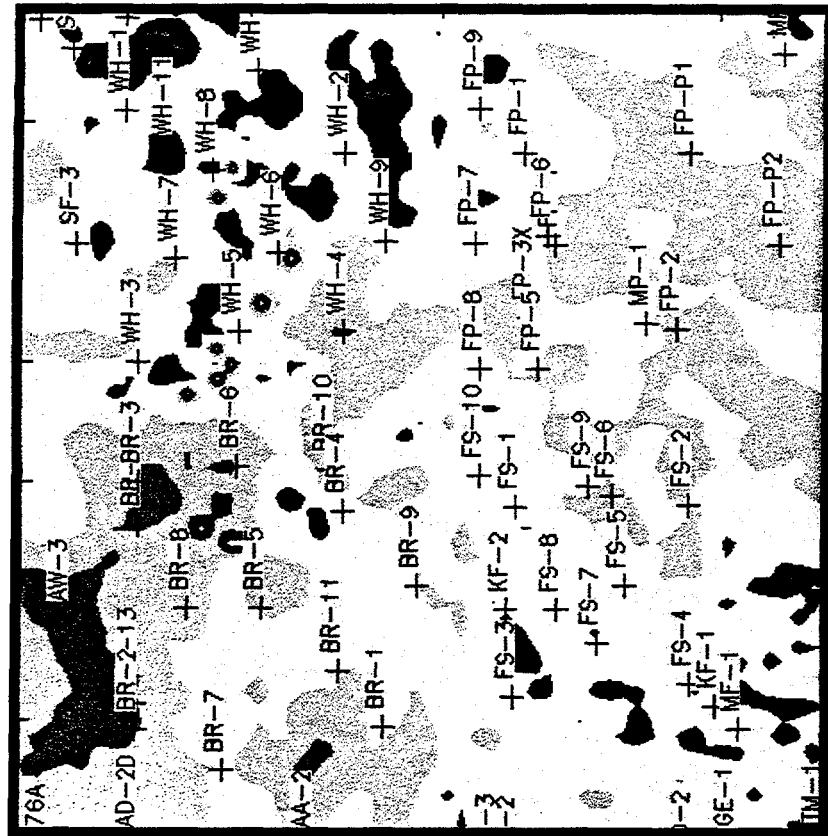


INSTANTANEOUS PHASE AT 56,58,60,62 ms GRAYBURG/SAN ANDRES

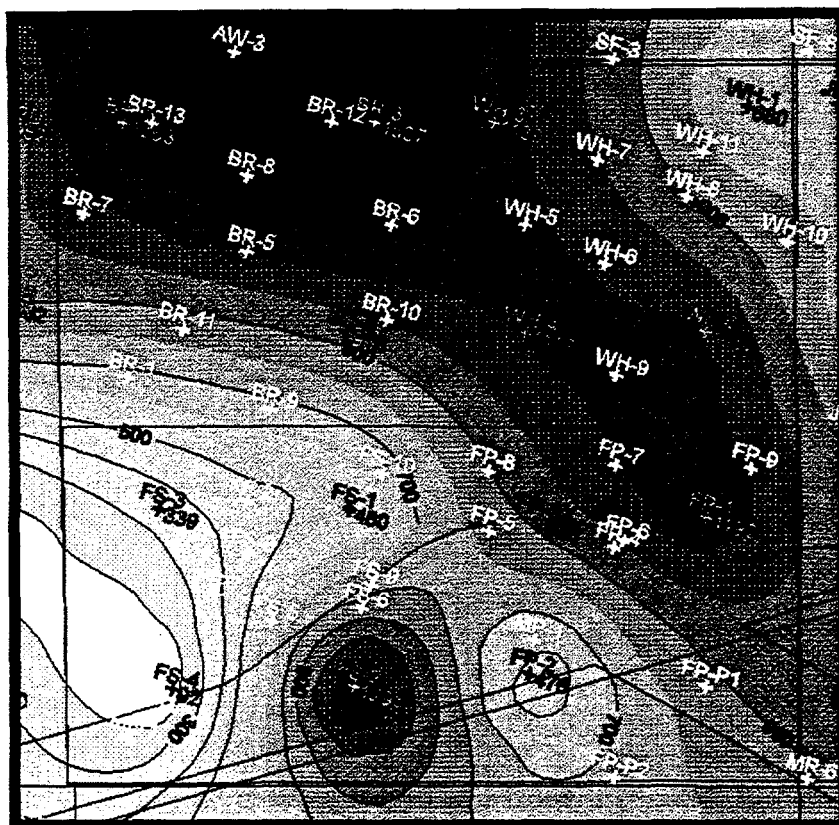




INITIAL POTENTIAL MAP -SECTION 36

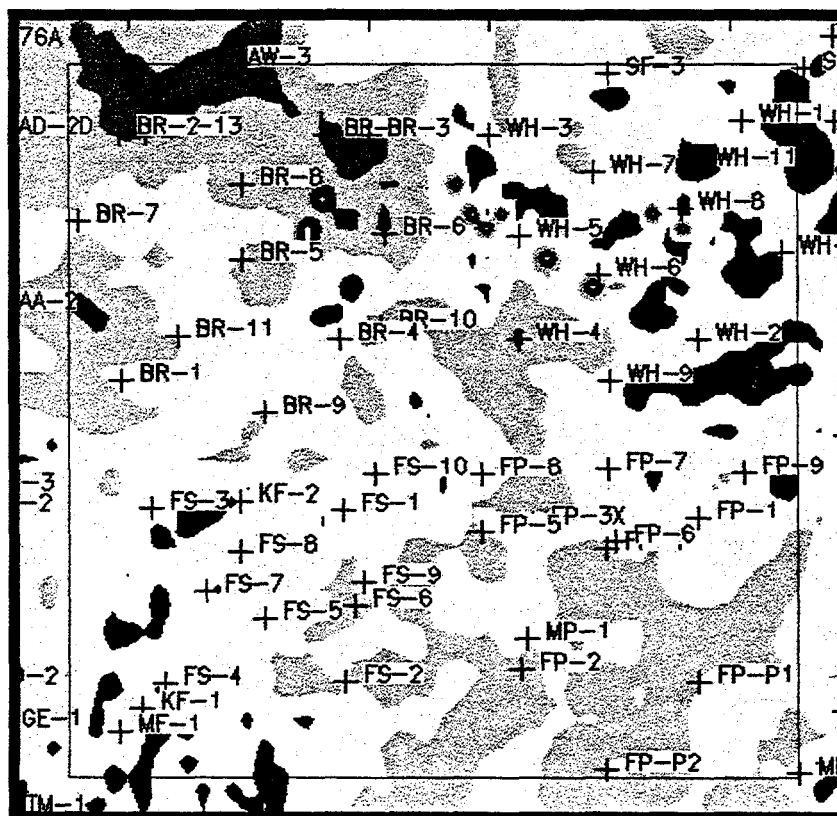


INSTANTANEOUS AMPLITUDE 7 MS
BELOW TOP OF GRAYBURG



INITIAL POTENTIAL MAP - SECTION 36

FIGURE 1



INSTANTANEOUS AMPLITUDE - SECTION 36
7 MS BELOW TOP OF GRAYBURG

FIGURE 2

Section 36

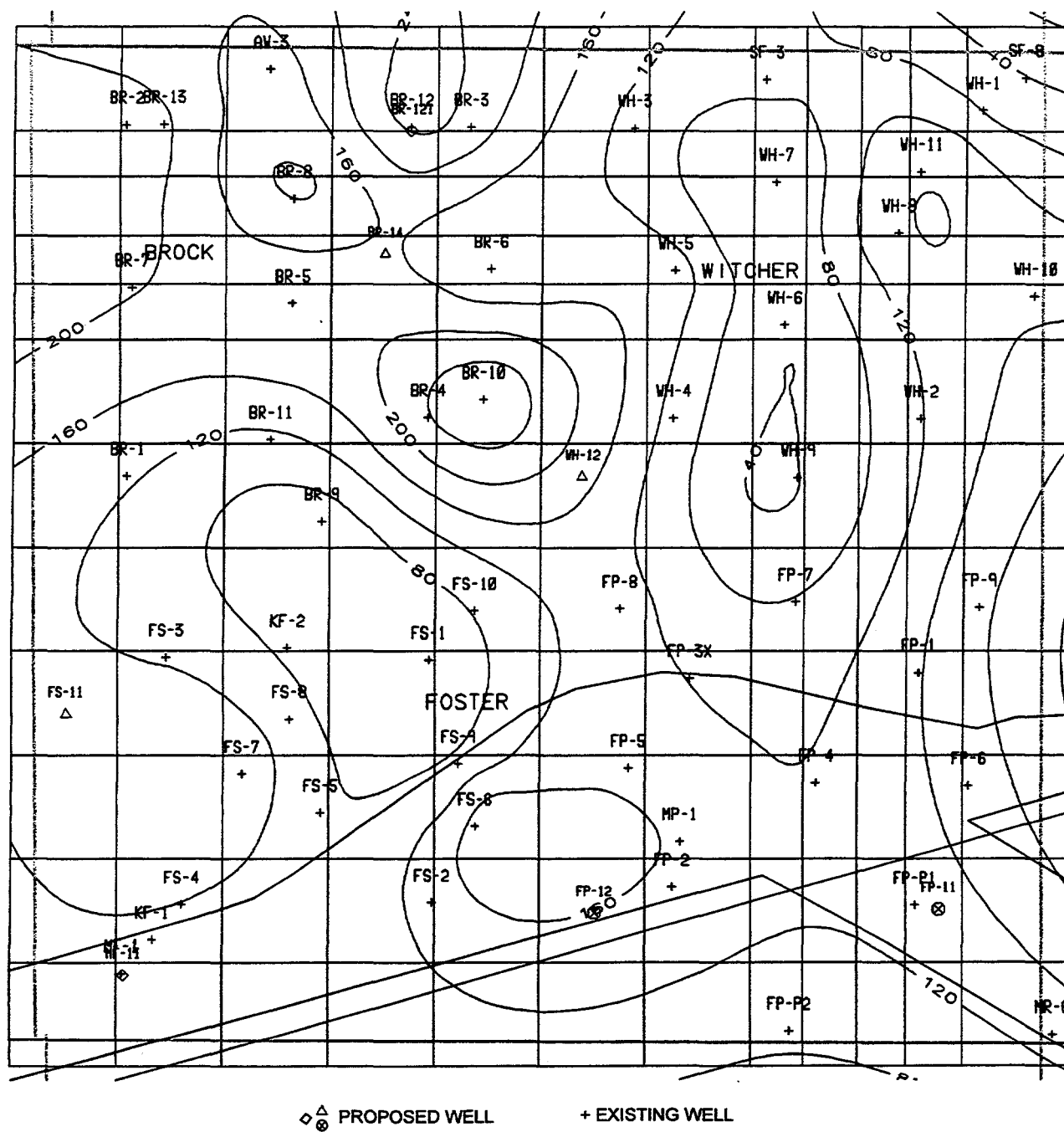


Figure 3

Vertical Net Thickness

Section 36

Porosity

960116B

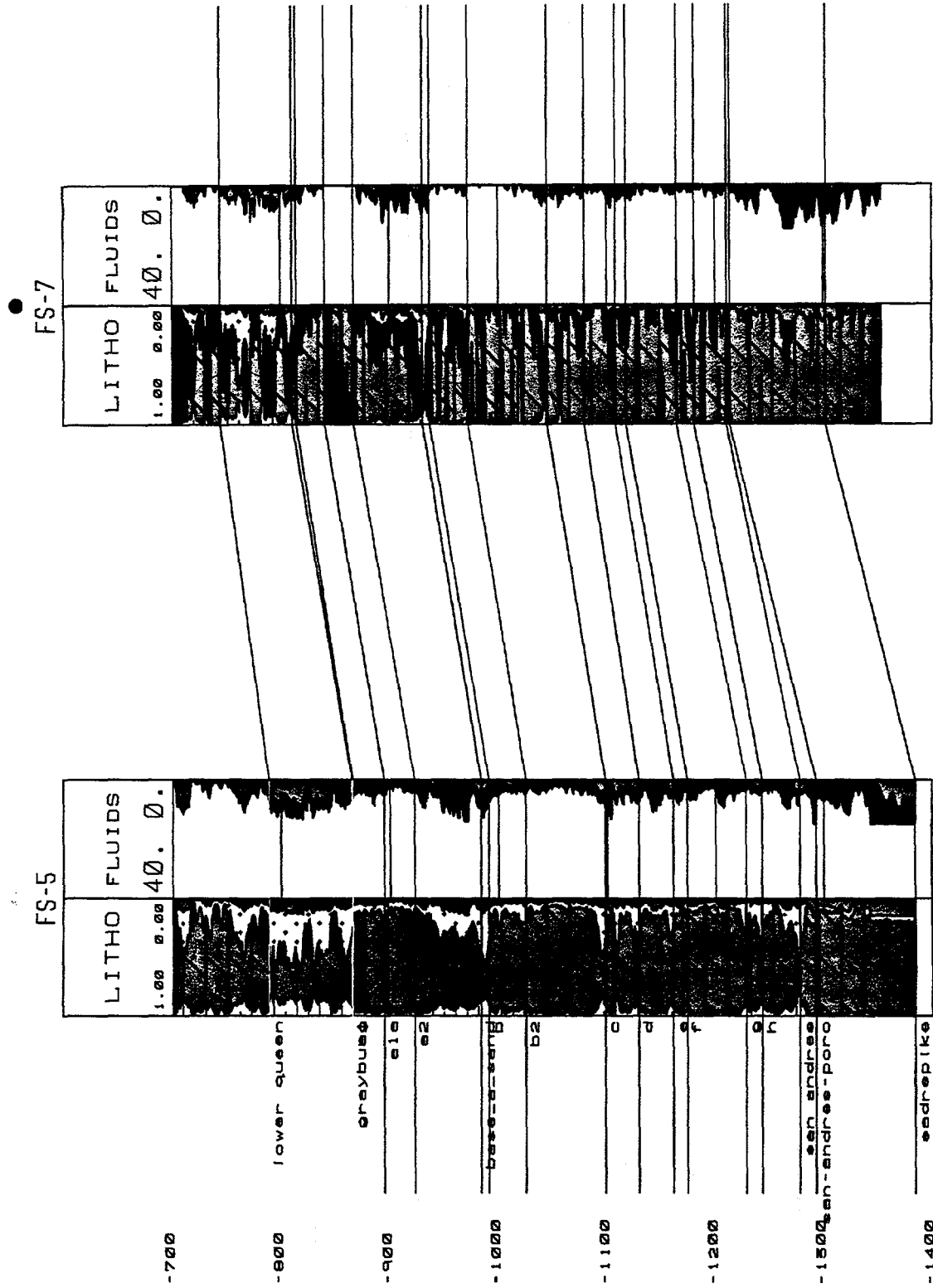
960116C

FS-7

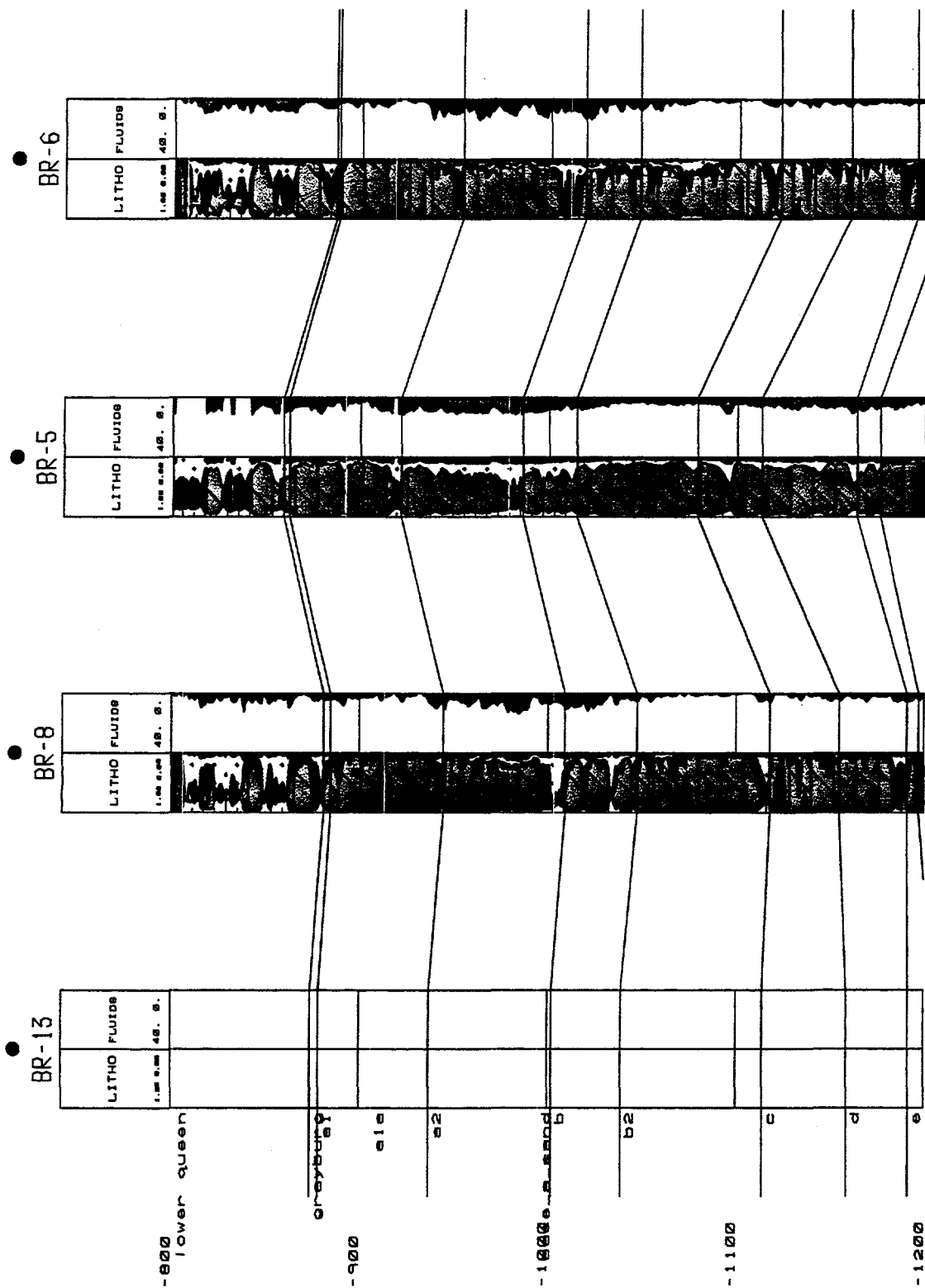


960117A

CROSS-SECTION EAST TO WEST, FS-5 TO FS-7



CROSS-SECTION NW TO SE, BR-13 TO BR-6



GeoSpectrum, Inc.

960117C

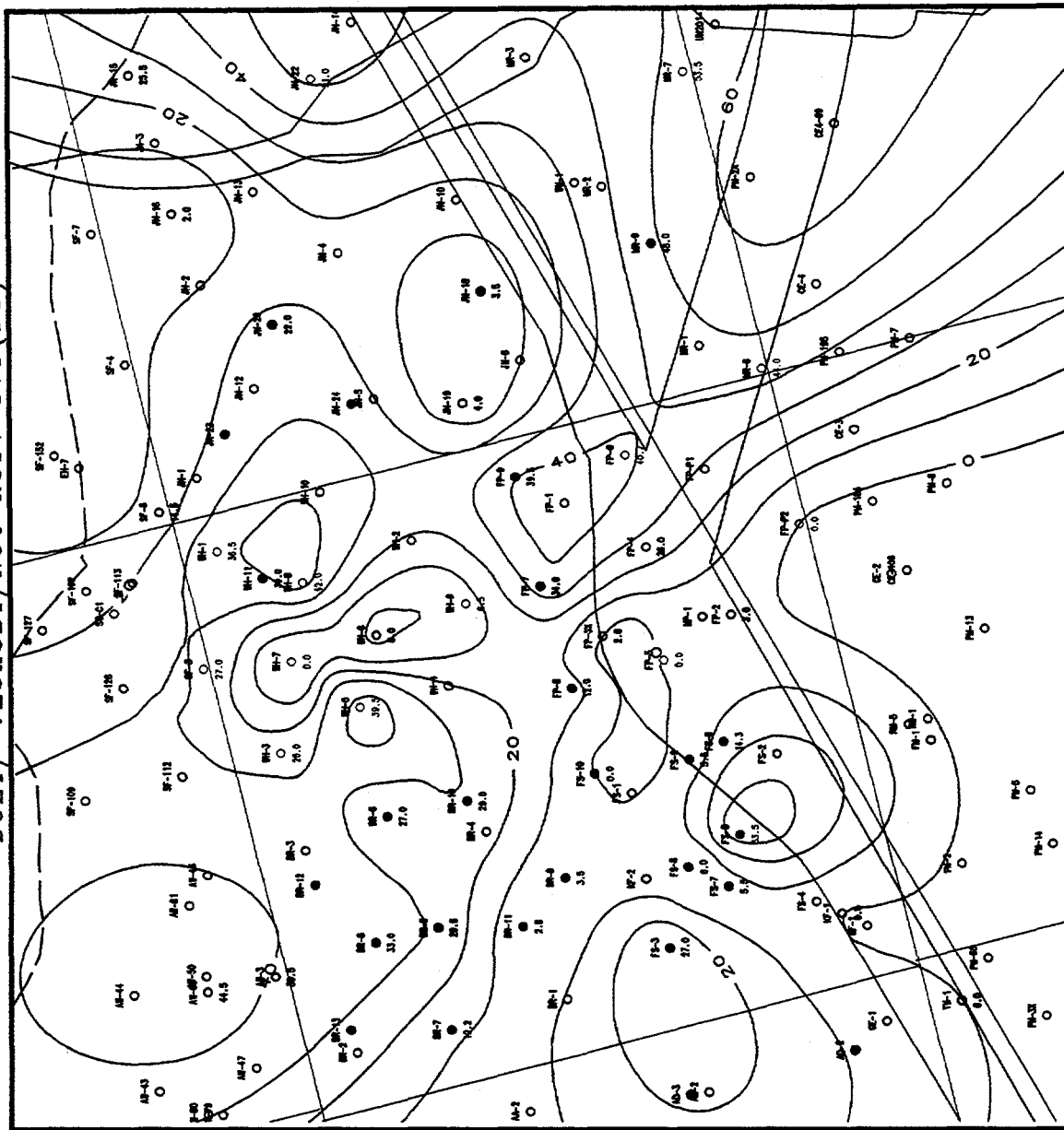
GeoSpectrum, Inc.

960117D

LAYER A2, NET RESERVOIR THICKNESS

960117E

DOE1/ :zoneB1/Net Resv TVT(FT)



LAYER B1, NET RESERVOIR THICKNESS

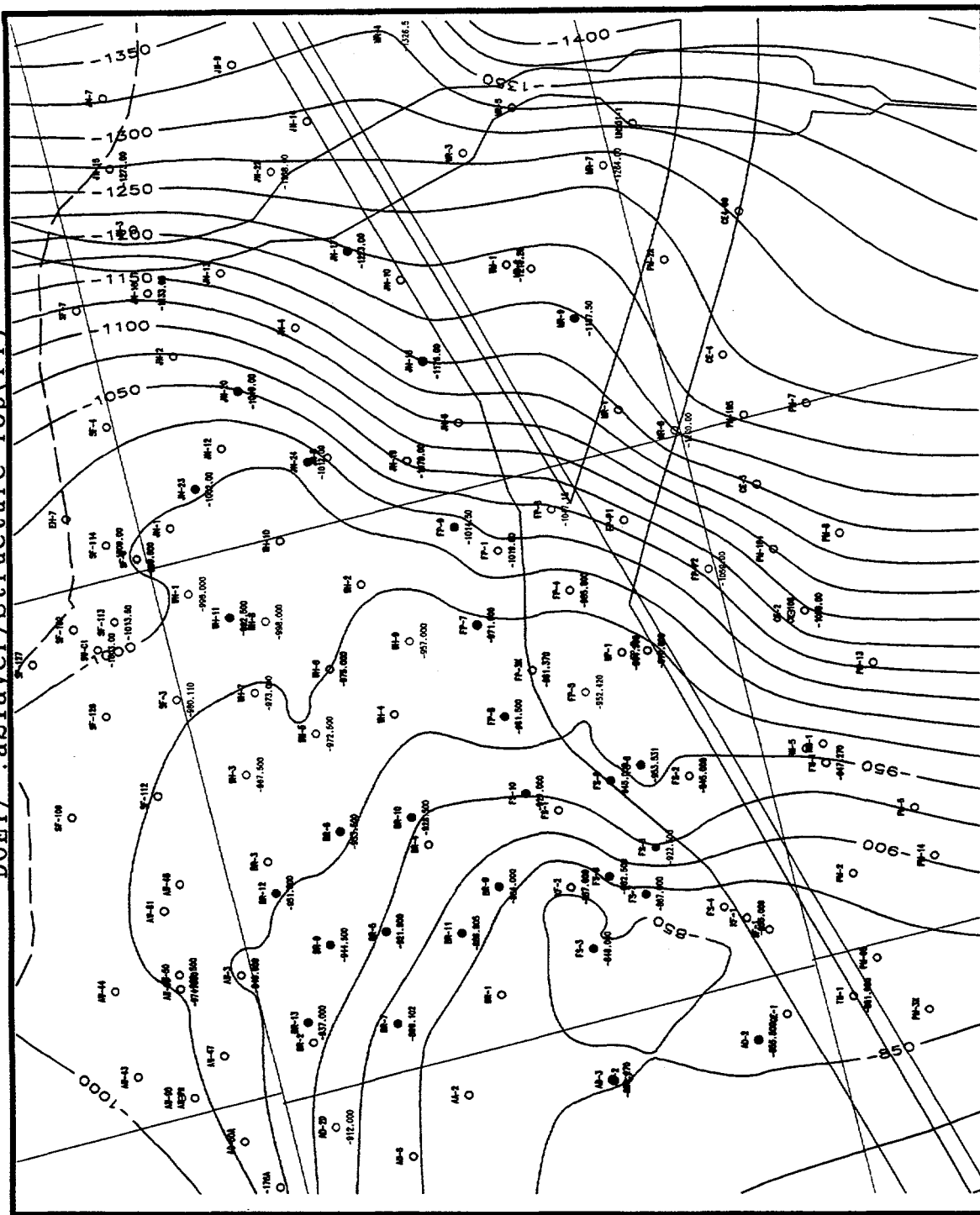
GeoSpectrum, Inc.

960117F

GeoSpectrum, Inc.

960117G

DOE1/ :a2layer/Structure Top(FT)

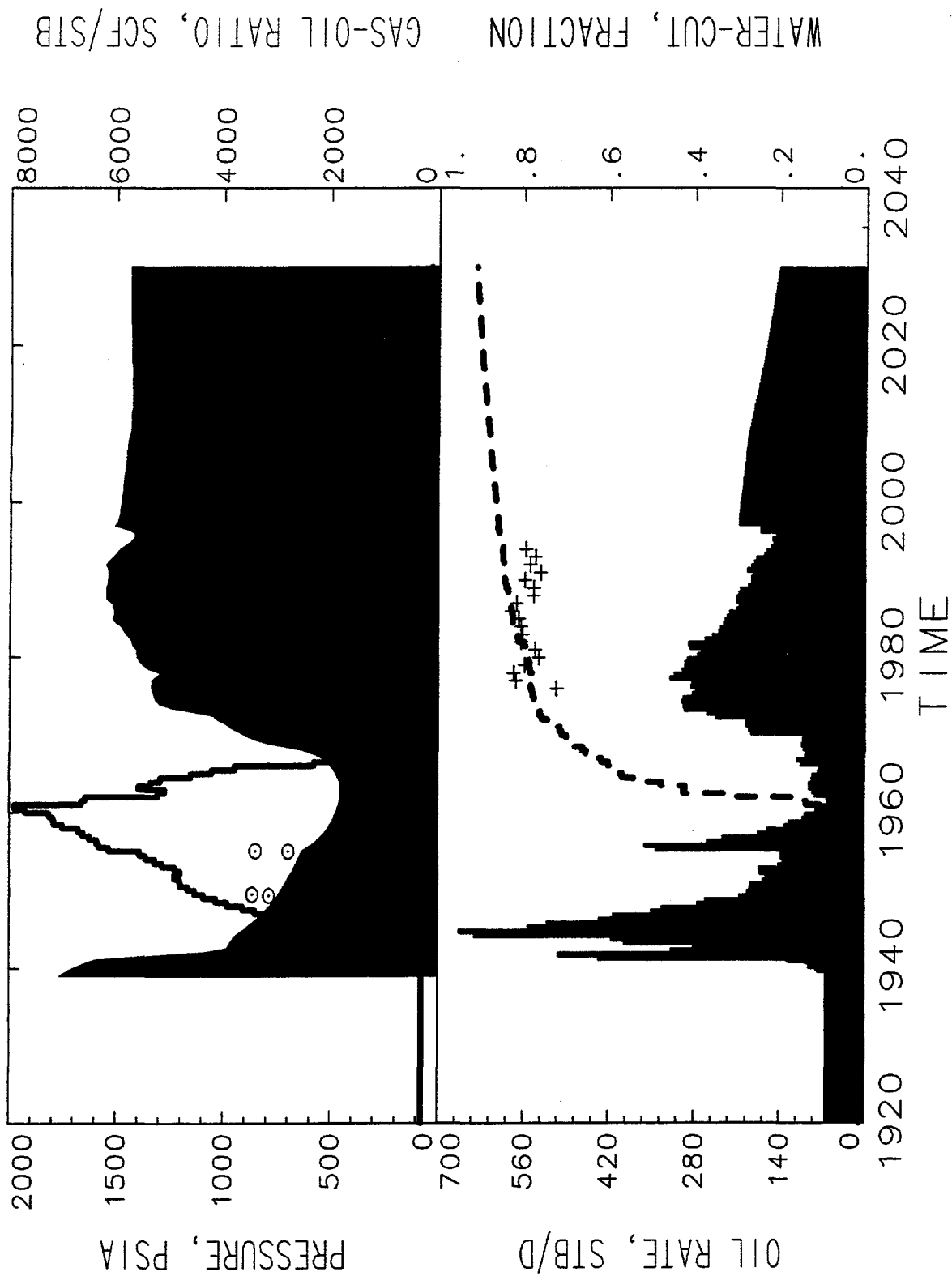


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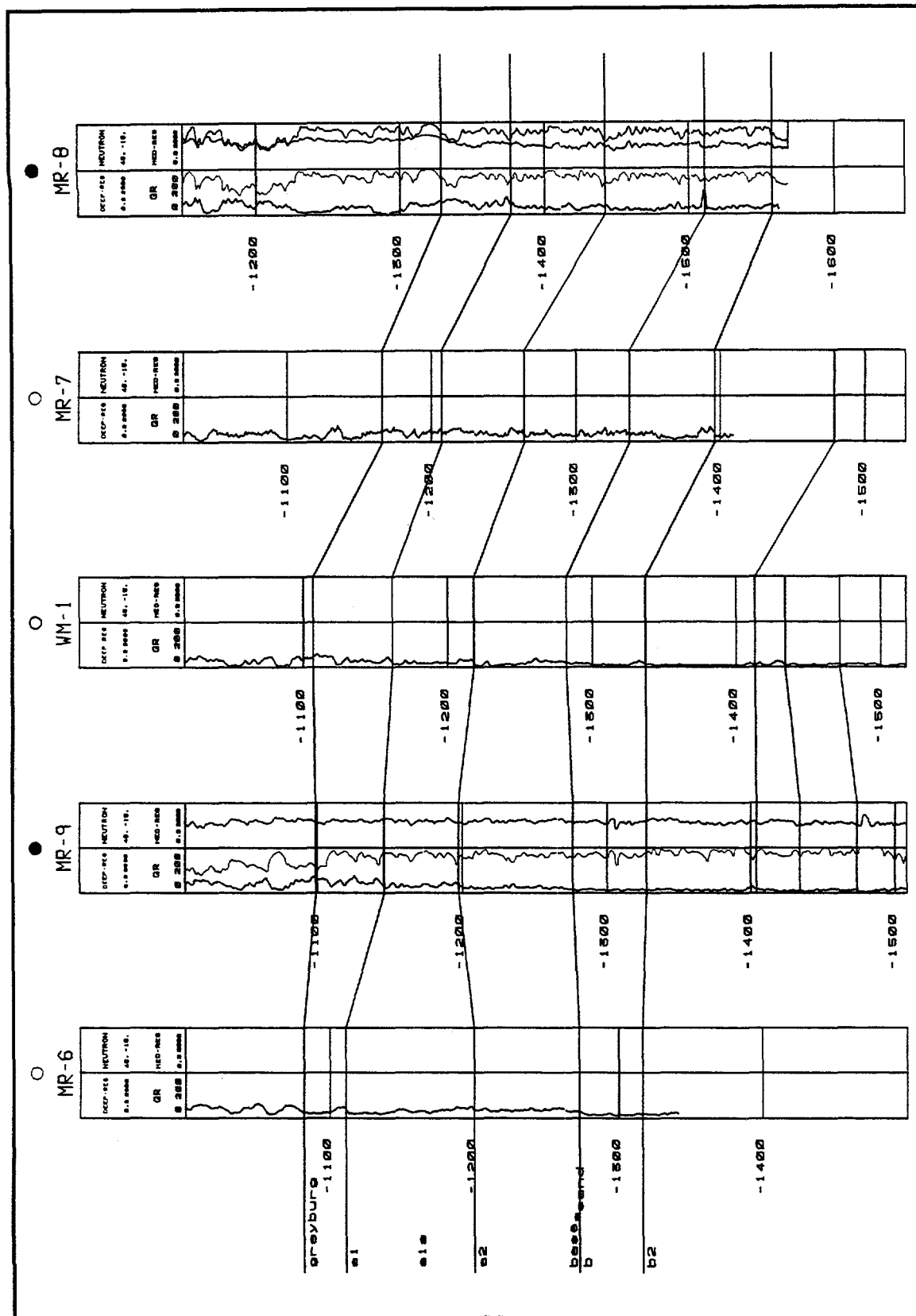
9601171

LAYER A2, STRUCTURE TOP

Fieldwide Ratios - Rates



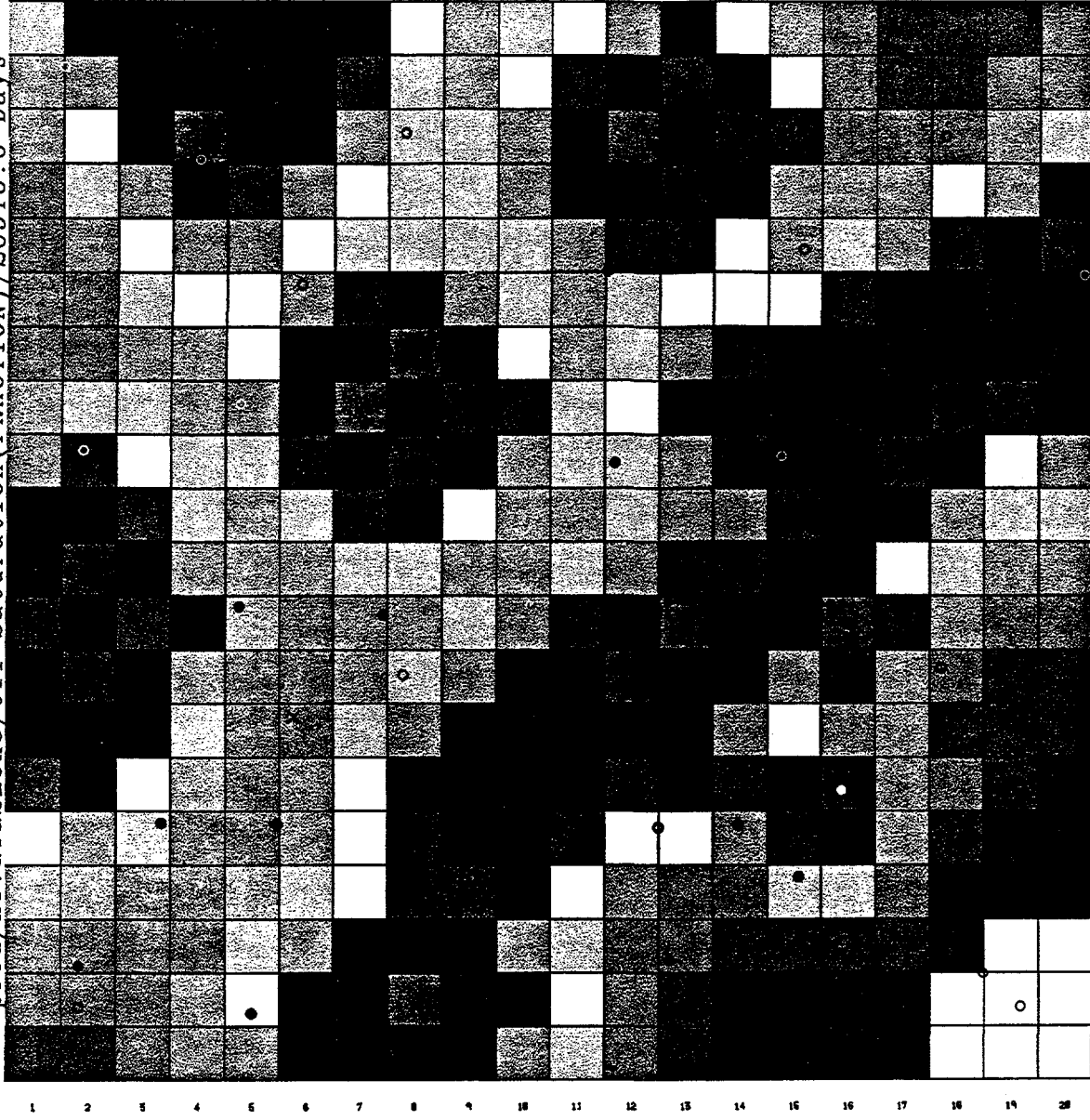
MAURICE CROSS SECTION, WEST TO EAST



GeoSpectrum, Inc.

960118A

pred/n1:a1a2zone/Oil Saturation(FRACTION)/20910.0 Days



0.34762 .44286 .5381 .63333 .72857

GeoSpectrum, Inc.

960129A

This image shows a crossword puzzle grid with a high-contrast, black and white aesthetic. The grid is composed of white squares for letters and black squares for empty space. The puzzle is partially filled with letters, and several small circles and an 'X' are visible on the grid.

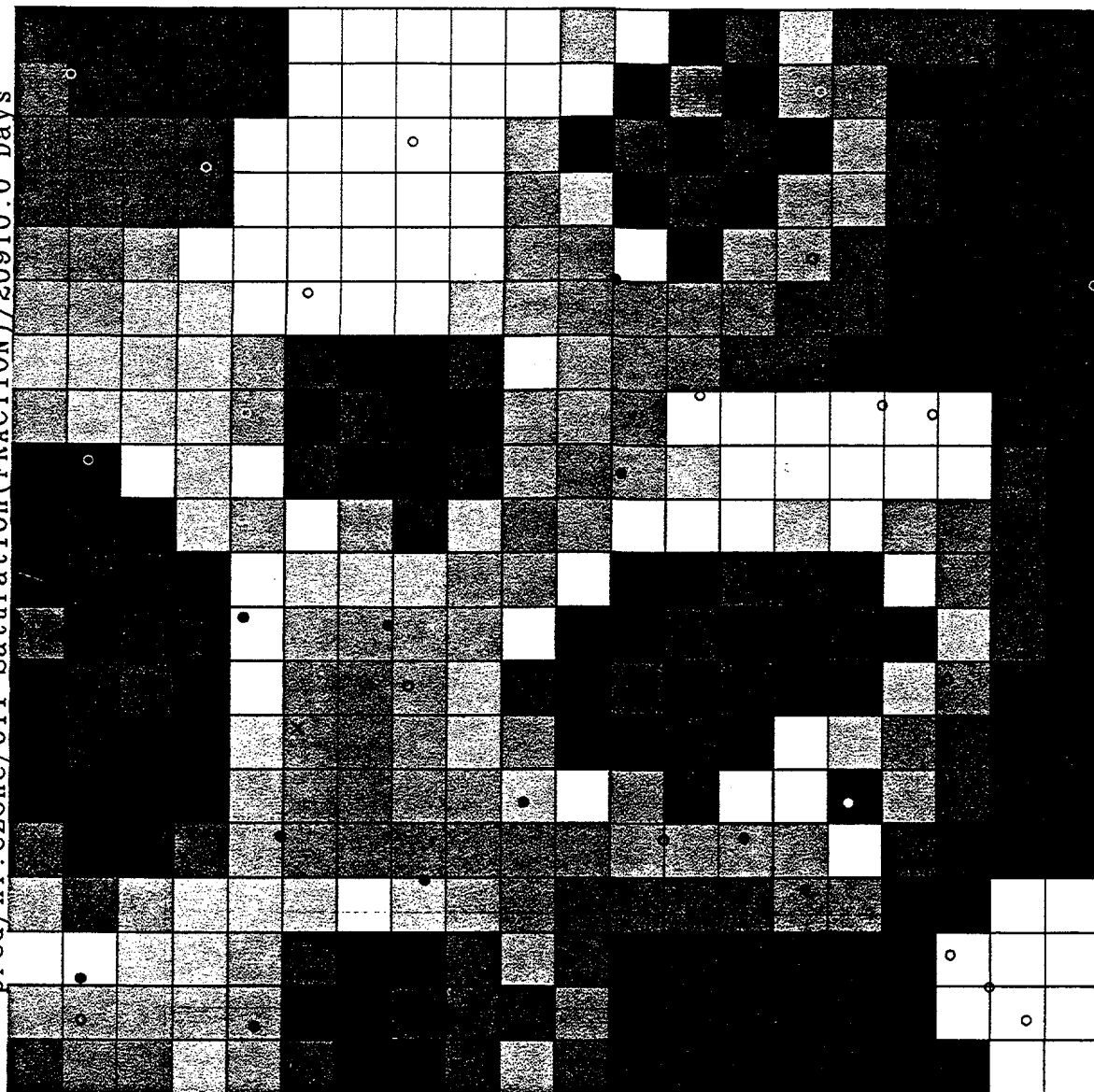
Visible letters and symbols include:

- Row 1: S, T, A, R, T, I, N, G, T, H, E, E, N, D, I, N, G
- Row 2: T, H, E, F, I, R, S, T, S, T, A, T, E, M, E, N, T
- Row 3: T, H, E, S, E, C, O, N, D, S, T, A, T, E, M, E, N, T
- Row 4: T, H, E, T, H, I, R, D, S, T, A, T, E, M, E, N, T
- Row 5: T, H, E, F, O, U, R, T, H, S, T, A, T, E, M, E, N, T
- Row 6: T, H, E, F, I, F, T, H, S, T, A, T, E, M, E, N, T
- Row 7: T, H, E, S, I, X, T, H, S, T, A, T, E, M, E, N, T
- Row 8: T, H, E, S, E, V, E, N, T, H, S, T, A, T, E, M, E, N, T
- Row 9: T, H, E, E, I, G, H, T, H, S, T, A, T, E, M, E, N, T
- Row 10: T, H, E, L, O, W, E, S, T, S, T, A, T, E, M, E, N, T
- Row 11: T, H, E, A, V, E, R, A, G, E, S, T, A, T, E, M, E, N, T
- Row 12: T, H, E, M, I, D, D, L, E, S, T, A, T, E, M, E, N, T
- Row 13: T, H, E, B, E, S, I, D, E, S, T, A, T, E, M, E, N, T
- Row 14: T, H, E, O, T, H, E, R, S, T, A, T, E, M, E, N, T
- Row 15: T, H, E, F, I, N, A, L, S, T, A, T, E, M, E, N, T

Small circles and an 'X' are located at various positions on the grid, including the top-left corner, the middle-right section, and the bottom-right corner.

GeoSpectrum, Inc.
960129B

pred/nl:czone/Oil Saturation(FRACTION)/20910.0 Days

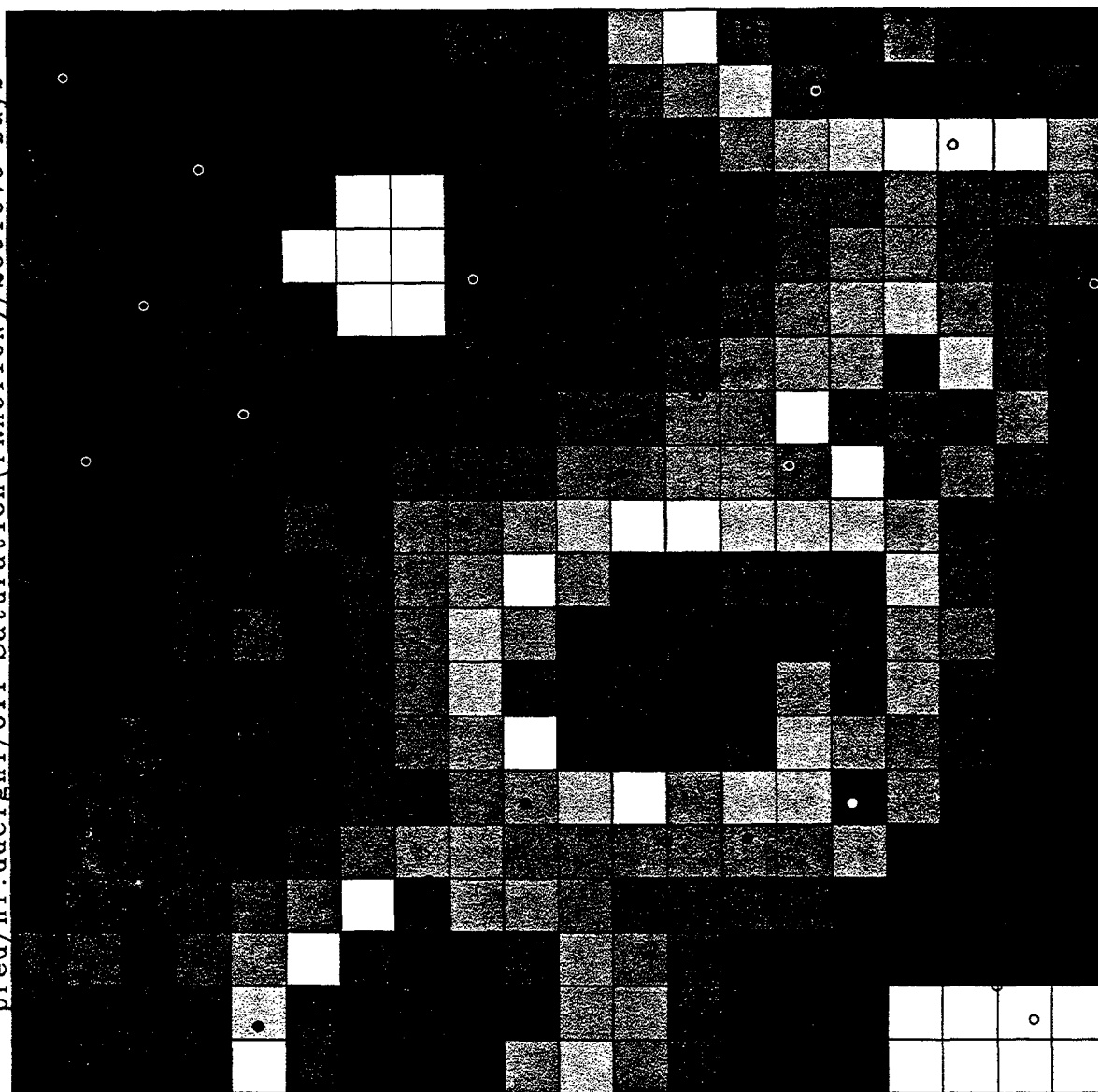


.34762 .44286 .5381 .63333 .72857

GeoSpectrum, Inc.

960129C

pred/n1:ddefgh1/Oil Saturation(FRACTION)/20910.0 Days

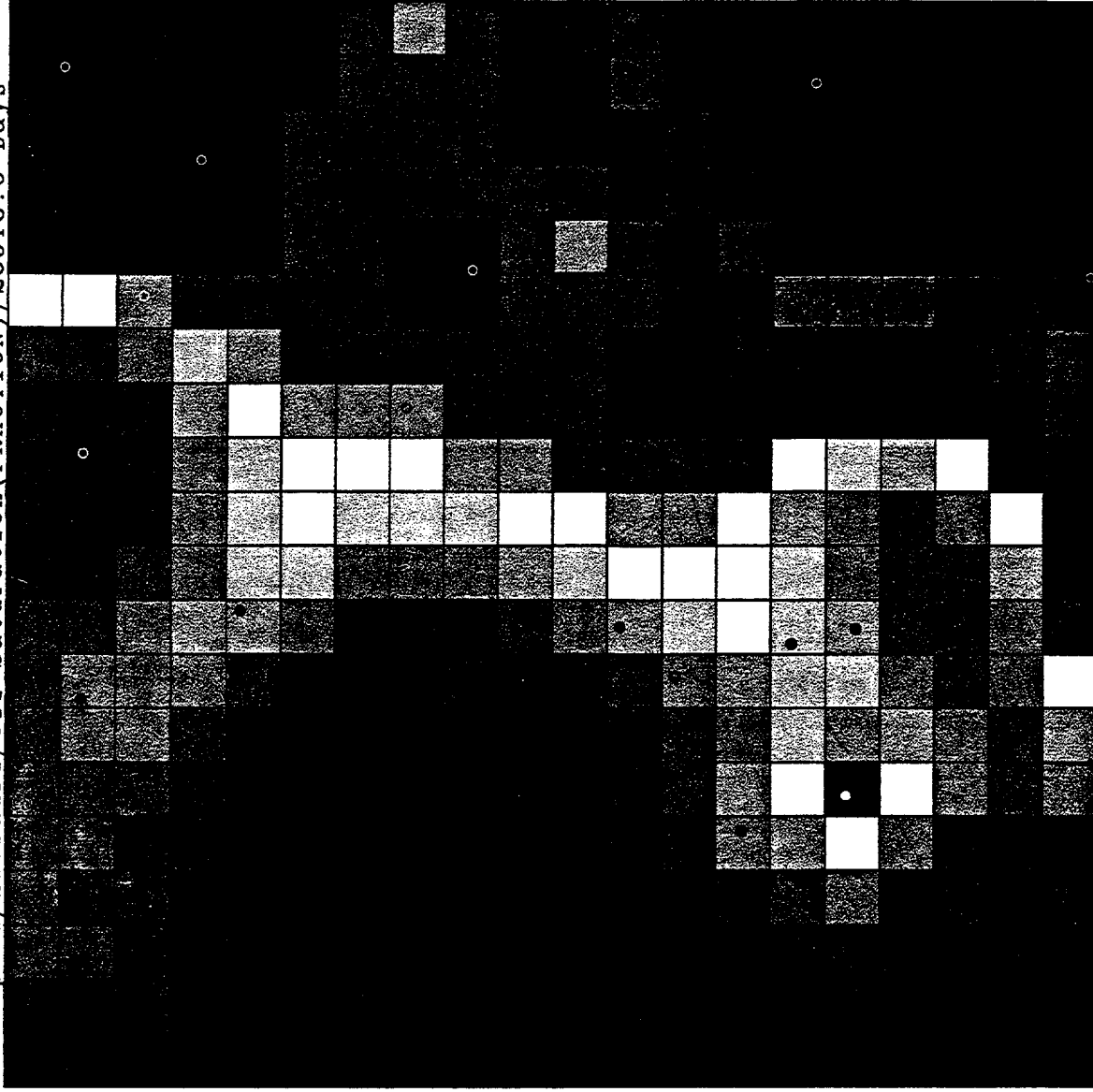


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GeoSpectrum, Inc.

960129D

pred/n1:sadr1/Oil Saturation(FRACTION)/20910.0 Days



.07619 .22657 .38095 .53333 .68571

GeoSpectrum, Inc.

960129E

BLOCK 42 T2S

BLOCK 43 T2S

SEC 29

SEC 25

SEC 30

SEC 26

SEC 32

SEC 31

SEC 36

SEC 35

JOHNSON

WITCHER

BROCK

MAURICE

FOSTER

SEC 41

SEC 42

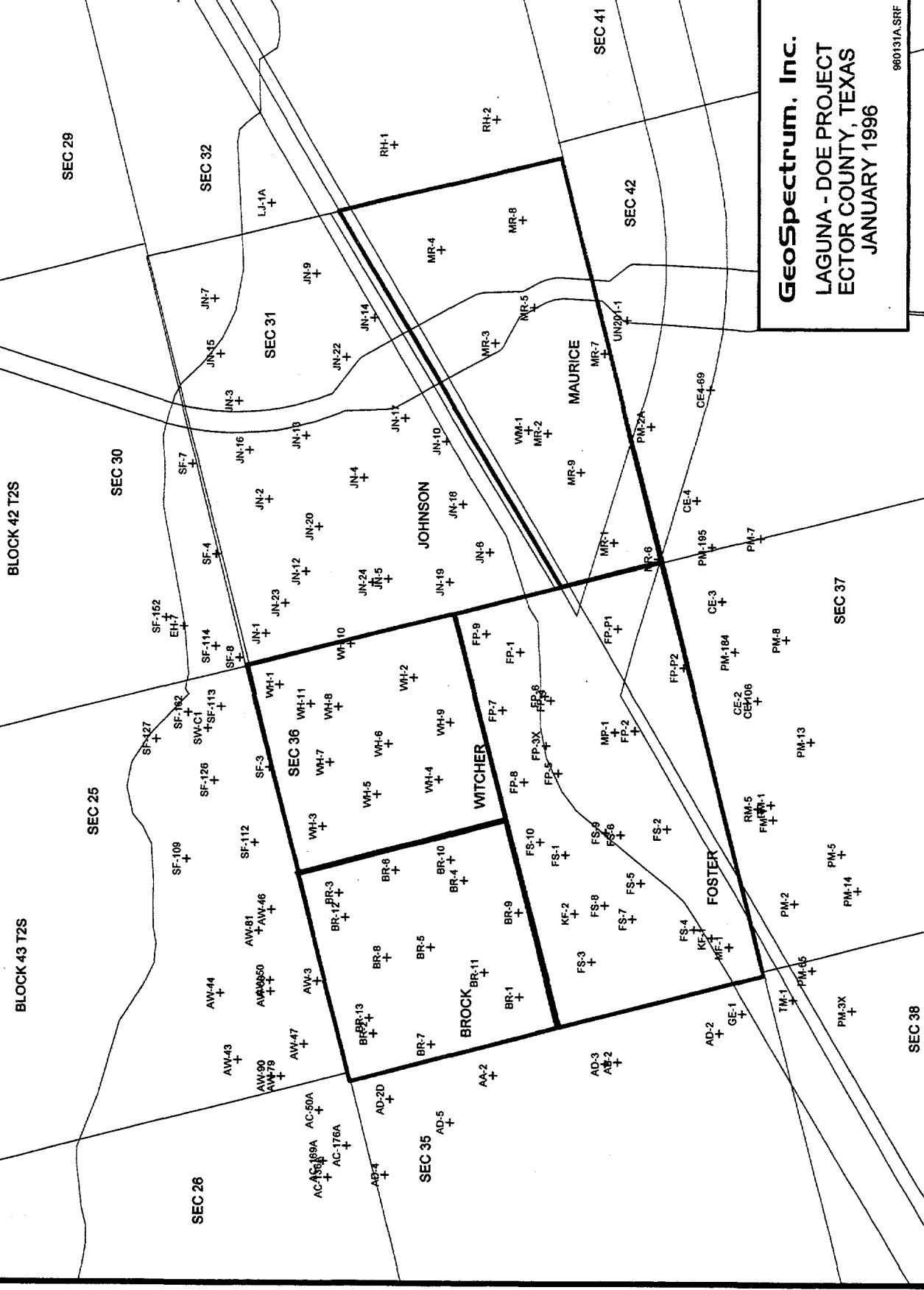
SEC 37

SEC 38

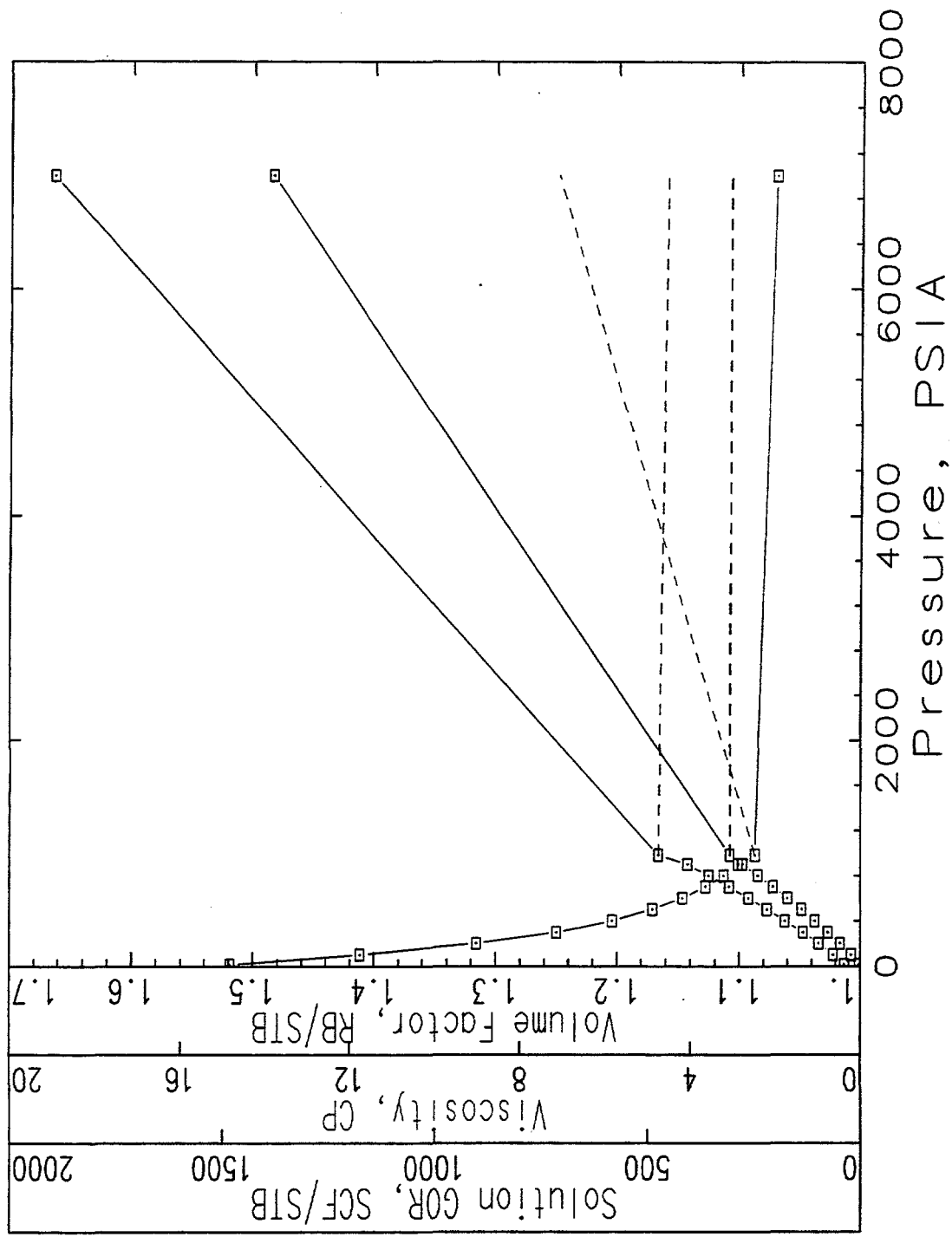
GeoSpectrum, Inc.

LAGUNA - DOE PROJECT
ECTOR COUNTY, TEXAS
JANUARY 1996

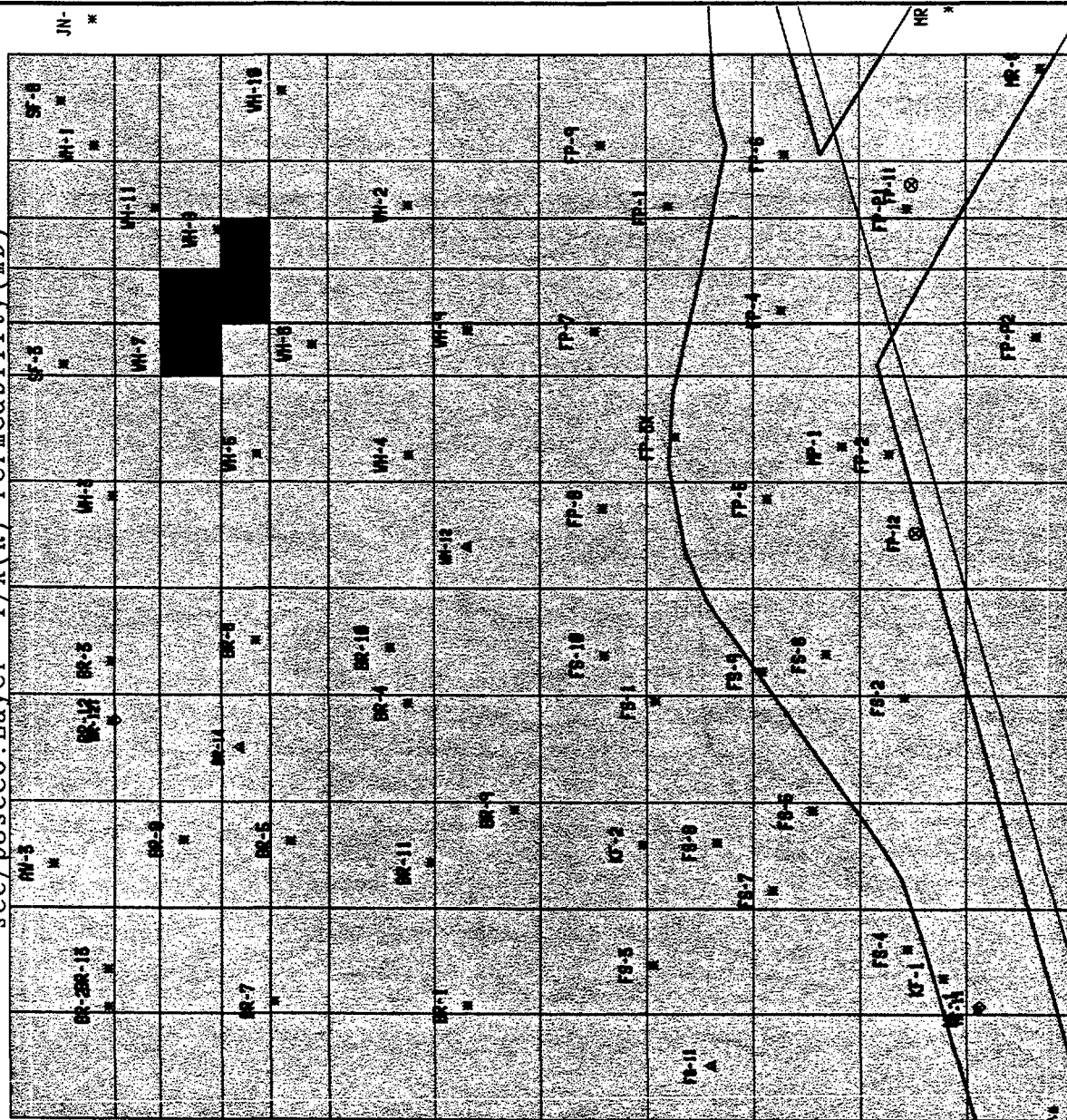
960131A.SRF



Oil PVT Data PVT TABLE 1



sec/p3sec6:Layer 1/X(R)-Permeability(MD)

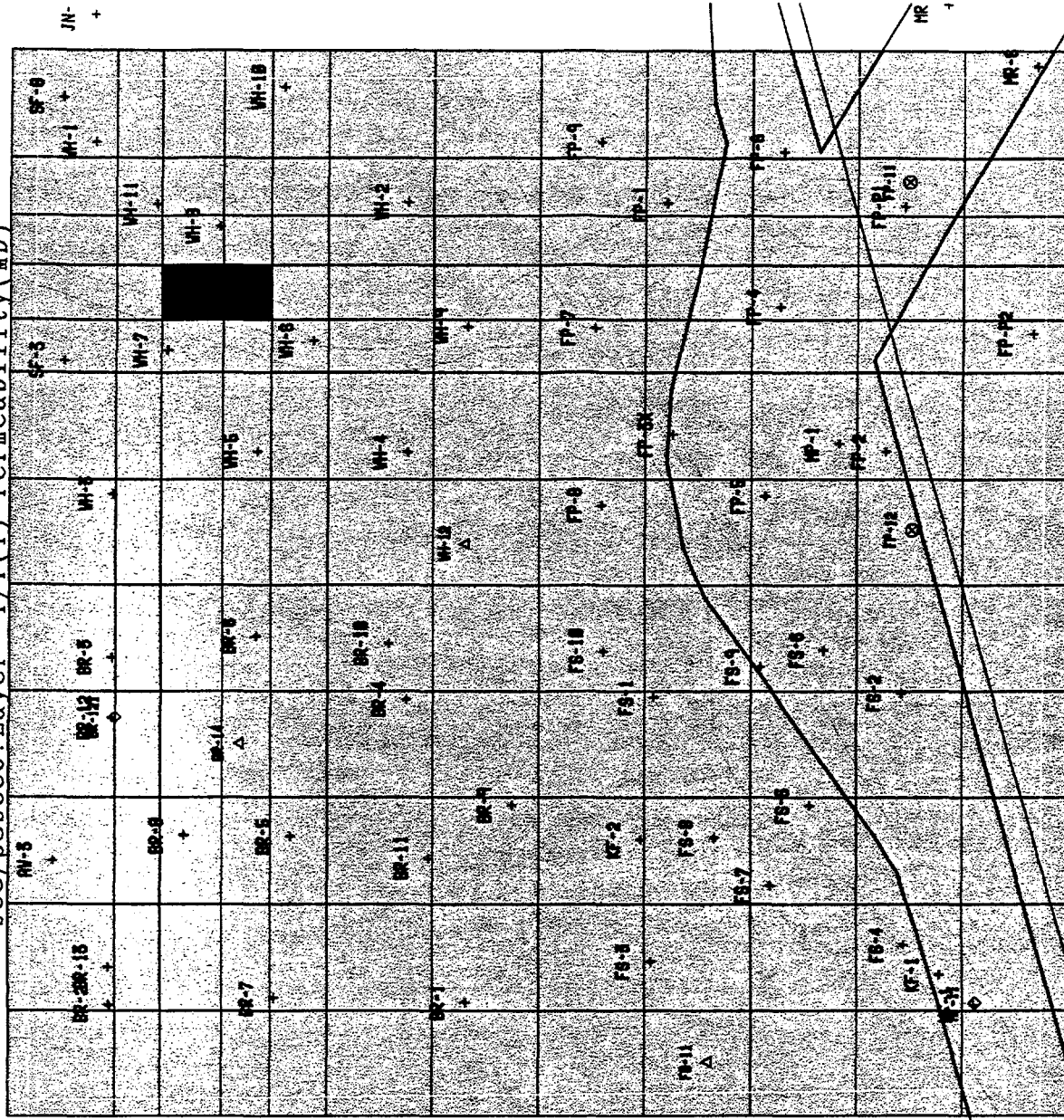


60. 52. 44. 36.

GeoSpectrum, Inc.

960131G

sec/p3sec6:Layer 1/Y(T)-Permeability(MD)



60. 52. 44. 36.

GeoSpectrum, Inc.

960131H

DOE1/ :grayburg/Net Resv Porosity(FRACTION)



GeoSpectrum, Inc.
9601311

DOE1/ :grayburg/Net Resv TVT(FT)



GeoSpectrum, Inc.
960131J

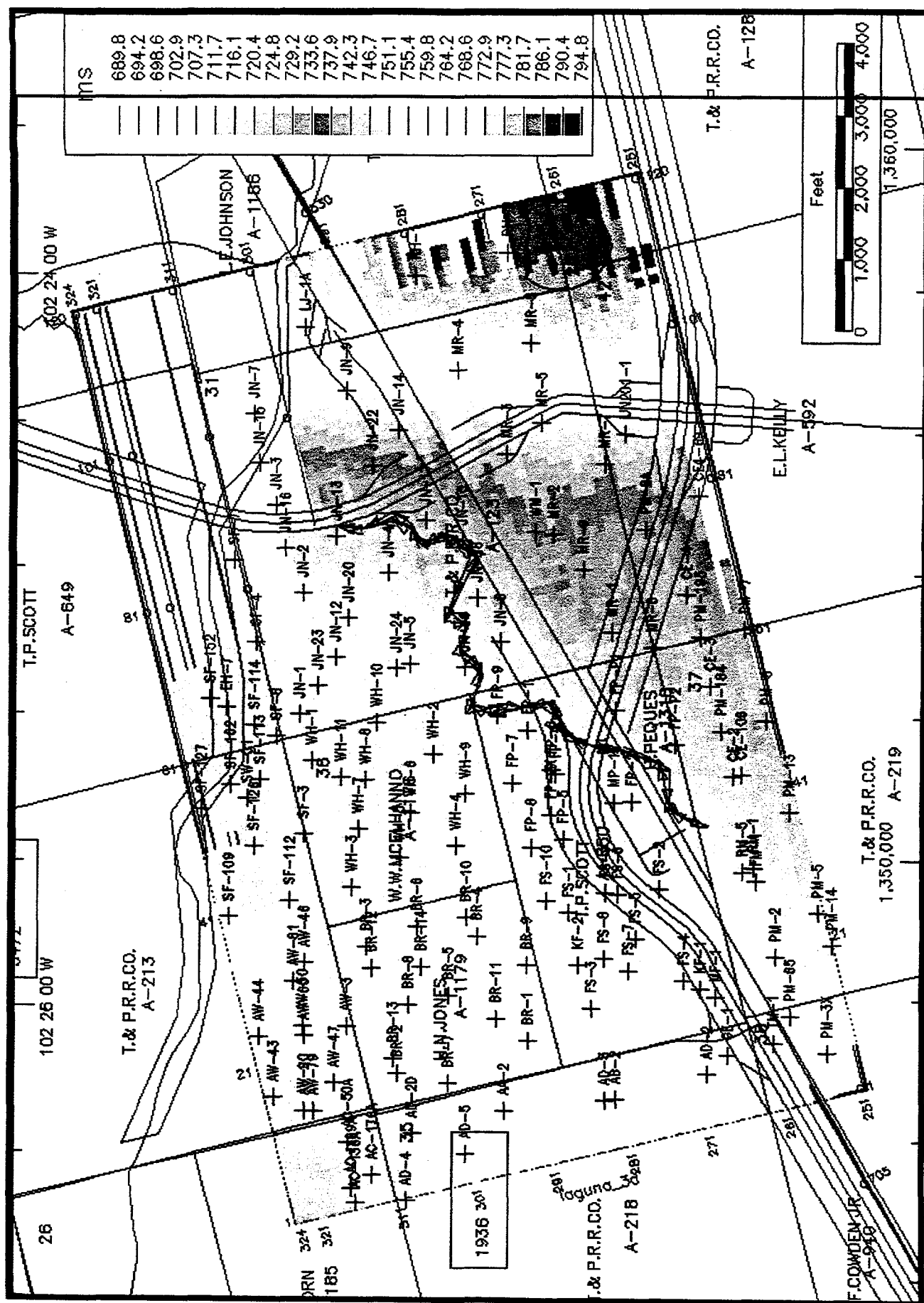
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DOE1/ :grayburg/Gross True Vert Thk(FT)



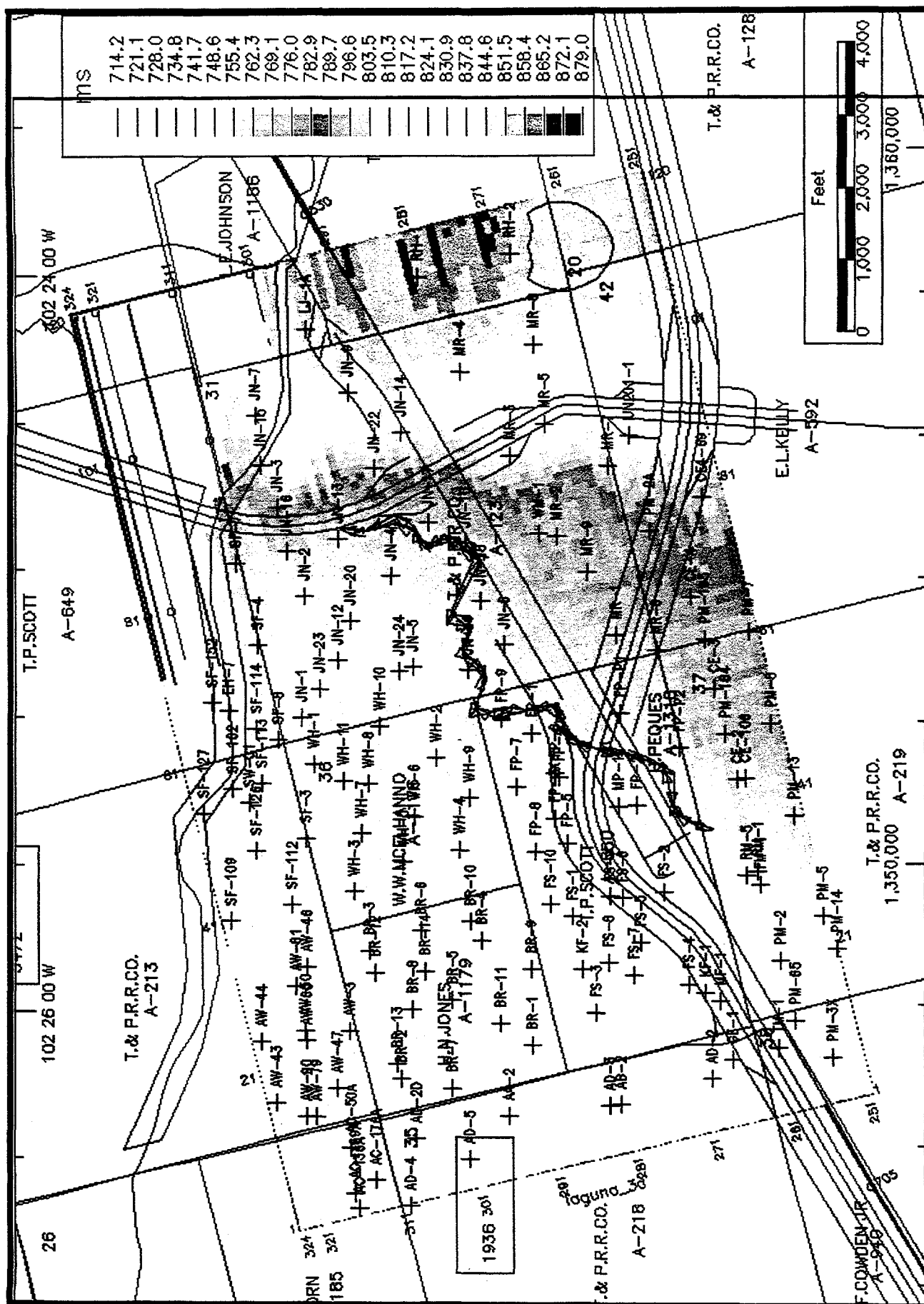
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GeoSpectrum, Inc.
960131L



GeoSpectrum, Inc.
960201A

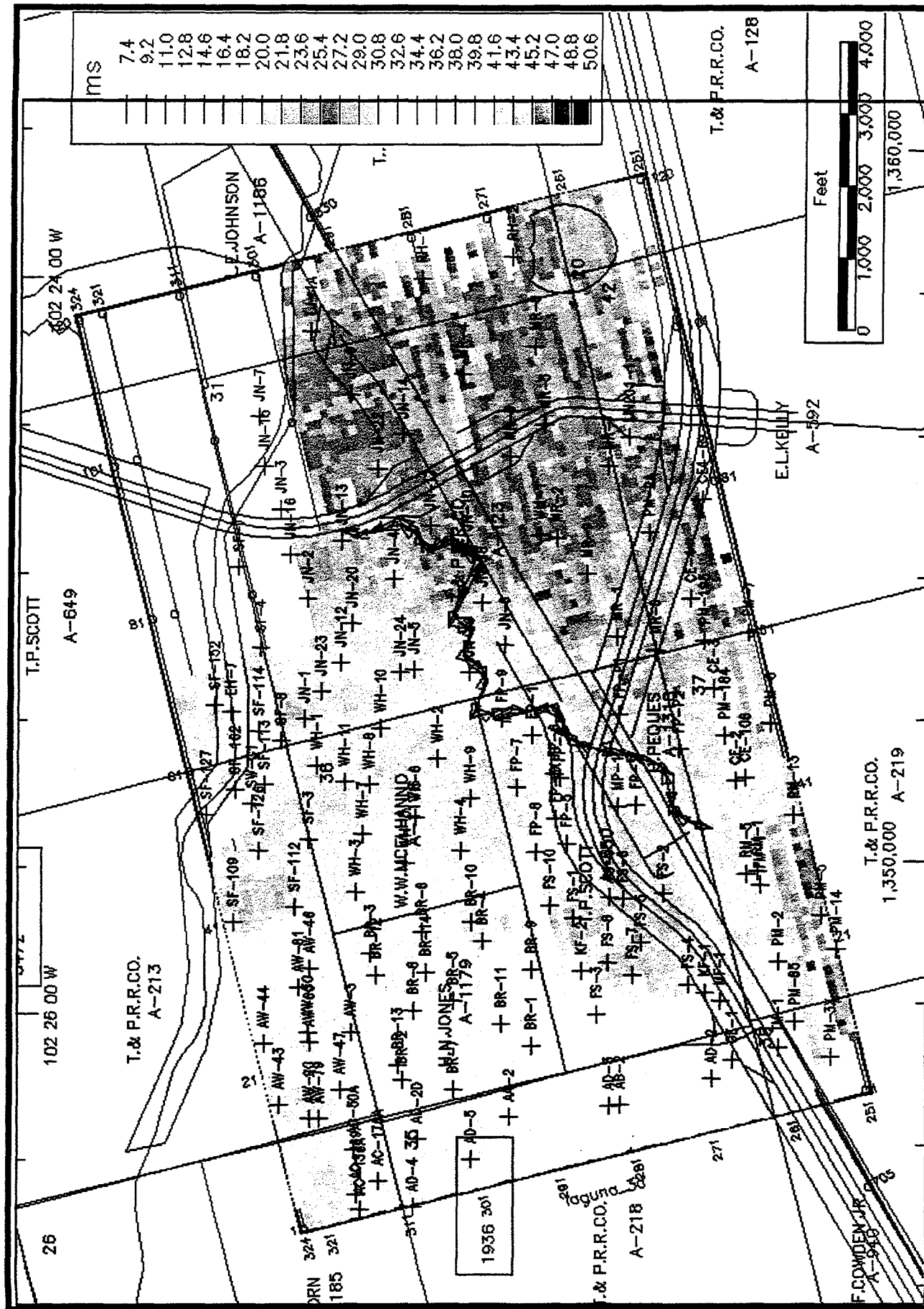
LOWER GRAYBURG STRUCTURAL TIME



GeoSpectrum, Inc.

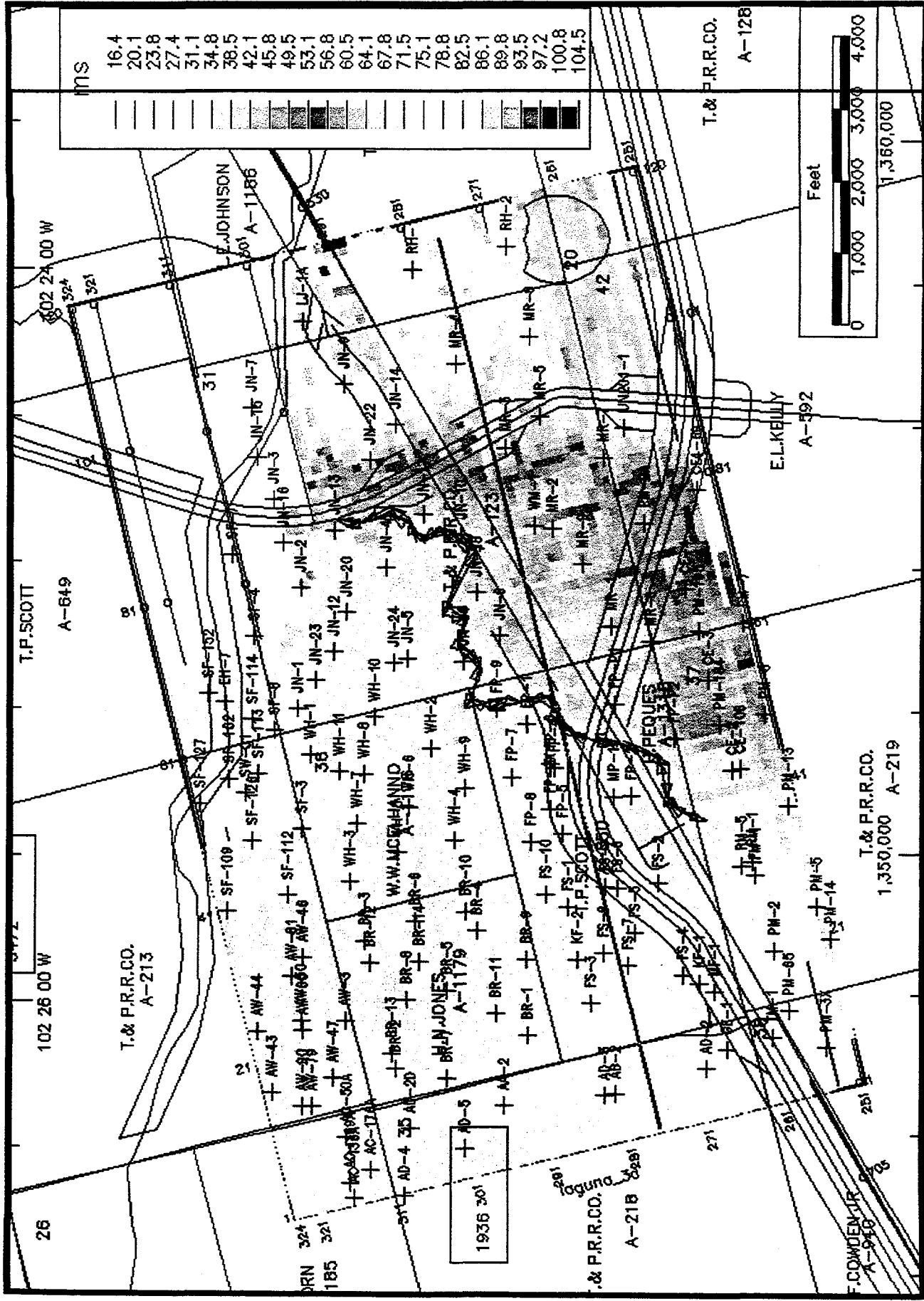
960201C

SAN ANDRES STRUCTURAL TIME



GeoSpectrum, Inc.
960201F

GRAYBURG TO LOWER GRAYBURG ISOTIME



SECTION III
WELL PRODUCTION DATA

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2	410101	24.00	0.00	0.00	0.00	O
-2	420101	7.00	0.00	0.00	0.00	O
-2	430101	9.00	0.00	0.00	0.00	O
-2	440101	18.00	0.00	0.00	0.00	O
-2	450101	16.00	0.00	0.00	0.00	O
-2	460101	9.00	0.00	0.00	0.00	O
-2	470101	6.00	0.00	0.00	0.00	O
-2	480101	3.00	0.00	0.00	0.00	O
-2	490101	3.00	0.00	0.00	0.00	O
-2	500101	6.00	0.00	0.00	0.00	O
-2	510101	5.00	0.00	0.00	0.00	O
-2	520101	5.00	0.00	0.00	0.00	O
-2	530101	5.00	0.00	0.00	0.00	O
-2	540101	4.00	0.00	0.00	0.00	O
-2	550101	19.00	0.00	0.00	0.00	O
-2	560101	11.00	0.00	0.00	0.00	O
-2	570101	8.00	0.00	0.00	0.00	O
-2	580101	6.00	0.00	0.00	0.00	O
-2	590101	4.00	0.00	0.00	0.00	O
-2	600101	4.00	0.00	0.00	0.00	O
-2	610101	4.00	0.00	0.00	0.00	O
-2	620101	3.00	0.00	0.00	0.00	O
-2	630101	3.00	0.00	0.00	0.00	O
-2	640101	2.00	0.00	0.00	0.00	O
-2	650101	2.00	0.00	0.00	0.00	O
-2	660101	2.00	0.00	0.00	0.00	O
-2	670101	3.00	0.00	0.00	0.00	O
-2	680101	3.00	0.00	0.00	0.00	O
-2	690101	3.00	0.00	0.00	0.00	O
-2	700101	2.00	0.00	0.00	0.00	O
-2	710101	2.00	0.00	0.00	0.00	O
-2	720101	1.00	0.00	0.00	0.00	O
-2	730101	1.00	0.00	0.00	0.00	O
-2	740101	2.00	0.00	0.00	0.00	O
-2	750101	1.00	0.00	0.00	0.00	O
-2	760101	1.00	0.00	0.00	0.00	O
-2	770101	1.00	0.00	0.00	0.00	O
-2	780101	1.00	0.00	0.00	0.00	O
-2	790101	2.00	0.00	0.00	0.00	O
-2	800101	1.00	0.00	0.00	0.00	O
-2	810101	2.00	0.00	0.00	0.00	O
-2	820101	2.00	0.00	0.00	0.00	O
-2	830101	1.00	0.00	0.00	0.00	O
-2	840101	1.00	0.00	0.00	0.00	O
-2	850101	1.00	0.00	0.00	0.00	O
-2	860101	1.00	0.00	0.00	0.00	O
-2	870101	1.00	0.00	0.00	0.00	O
-2	880101	1.00	0.00	0.00	0.00	O
-2	890101	1.00	0.00	0.00	0.00	O
-2	900101	0.00	0.00	0.00	0.00	O
-2	910101	0.00	0.00	0.00	0.00	O
-2	920101	0.00	0.00	0.00	0.00	O
-2	930101	0.00	0.00	0.00	0.00	O
-2	940101	0.00	0.00	0.00	0.00	O
-2	950101	0.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-176A	880101	15.00	0.00	0.00	0.00	O
-176A	890101	17.00	0.00	0.00	0.00	O
-176A	900101	14.00	0.00	0.00	0.00	O
-176A	910101	12.00	0.00	0.00	0.00	O
-176A	920101	8.98	0.00	0.00	0.00	O
-176A	930101	8.00	0.00	0.00	0.00	O
-176A	940101	6.00	0.00	0.00	0.00	O
-176A	950101	5.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-50A	400101	6.00	0.00	0.00	0.00	O
-50A	410101	37.00	0.00	0.00	0.00	O
-50A	420101	20.00	0.00	0.00	0.00	O
-50A	430101	32.00	0.00	0.00	0.00	O
-50A	440101	81.78	0.00	0.00	0.00	O
-50A	450101	72.00	0.00	0.00	0.00	O
-50A	460101	48.00	0.00	0.00	0.00	O
-50A	470101	32.00	0.00	0.00	0.00	O
-50A	480101	15.96	0.00	0.00	0.00	O
-50A	490101	12.00	0.00	0.00	0.00	O
-50A	500101	9.00	0.00	0.00	0.00	O
-50A	510101	7.00	0.00	0.00	0.00	O
-50A	520101	6.98	0.00	0.00	0.00	O
-50A	530101	7.00	0.00	0.00	0.00	O
-50A	540101	8.00	0.00	0.00	0.00	O
-50A	550101	33.00	0.00	0.00	0.00	O
-50A	560101	14.96	0.00	0.00	0.00	O
-50A	570101	8.00	0.00	0.00	0.00	O
-50A	580101	14.00	0.00	0.00	0.00	O
-50A	590101	2.00	0.00	0.00	0.00	O
-50A	600101	0.00	0.00	0.00	0.00	O
-50A	610101	2.00	0.00	0.00	0.00	O
-50A	620101	6.00	0.00	0.00	0.00	O
-50A	630101	19.00	0.00	0.00	0.00	O
-50A	640101	6.98	0.00	0.00	0.00	O
-50A	650101	9.00	0.00	0.00	0.00	O
-50A	660101	8.00	0.00	0.00	0.00	O
-50A	670101	9.00	0.00	0.00	0.00	O
-50A	680101	8.98	0.00	0.00	0.00	O
-50A	690101	15.00	0.00	0.00	0.00	O
-50A	700101	12.00	0.00	0.00	0.00	O
-50A	710101	18.00	0.00	0.00	0.00	O
-50A	720101	11.97	0.00	0.00	0.00	O
-50A	730101	14.00	0.00	0.00	0.00	O
-50A	740101	28.00	0.00	0.00	0.00	O
-50A	750101	19.00	0.00	0.00	0.00	O
-50A	760101	31.91	0.00	0.00	0.00	O
-50A	770101	45.00	0.00	0.00	0.00	O
-50A	780101	65.00	0.00	0.00	0.00	O
-50A	790101	48.00	0.00	0.00	0.00	O
-50A	800101	37.90	0.00	0.00	0.00	O
-50A	810101	30.00	0.00	0.00	0.00	O
-50A	820101	31.00	0.00	0.00	0.00	O
-50A	830101	32.00	0.00	0.00	0.00	O
-50A	840101	55.85	0.00	0.00	0.00	O
-50A	850101	50.00	0.00	0.00	0.00	O
-50A	860101	48.00	0.00	0.00	0.00	O
-50A	870101	47.00	0.00	0.00	0.00	O
-50A	880101	37.90	0.00	0.00	0.00	O
-50A	890101	37.00	0.00	0.00	0.00	O
-50A	900101	38.00	0.00	0.00	0.00	O
-50A	910101	38.00	0.00	0.00	0.00	O
-50A	920101	40.89	0.00	0.00	0.00	O
-50A	930101	31.00	0.00	0.00	0.00	O
-50A	940101	31.00	0.00	0.00	0.00	O
-50A	950101	29.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2D	400101	5.00	0.00	0.00	0.00	O
-2D	410101	33.00	0.00	0.00	0.00	O
-2D	420101	20.00	0.00	0.00	0.00	O
-2D	430101	29.00	0.00	0.00	0.00	O
-2D	440101	72.80	0.00	0.00	0.00	O
-2D	450101	64.00	0.00	0.00	0.00	O
-2D	460101	43.00	0.00	0.00	0.00	O
-2D	470101	29.00	0.00	0.00	0.00	O
-2D	480101	13.96	0.00	0.00	0.00	O
-2D	490101	11.00	0.00	0.00	0.00	O
-2D	500101	7.00	0.00	0.00	0.00	O
-2D	510101	6.00	0.00	0.00	0.00	O
-2D	520101	5.98	0.00	0.00	0.00	O
-2D	530101	6.00	0.00	0.00	0.00	O
-2D	540101	6.00	0.00	0.00	0.00	O
-2D	550101	28.00	0.00	0.00	0.00	O
-2D	560101	13.96	0.00	0.00	0.00	O
-2D	570101	8.00	0.00	0.00	0.00	O
-2D	580101	7.00	0.00	0.00	0.00	O
-2D	590101	5.00	0.00	0.00	0.00	O
-2D	600101	3.99	0.00	0.00	0.00	O
-2D	610101	3.00	0.00	0.00	0.00	O
-2D	620101	3.00	0.00	0.00	0.00	O
-2D	630101	3.00	0.00	0.00	0.00	O
-2D	640101	2.99	0.00	0.00	0.00	O
-2D	650101	3.00	0.00	0.00	0.00	O
-2D	660101	3.00	0.00	0.00	0.00	O
-2D	670101	3.00	0.00	0.00	0.00	O
-2D	680101	2.99	0.00	0.00	0.00	O
-2D	690101	3.00	0.00	0.00	0.00	O
-2D	700101	3.00	0.00	0.00	0.00	O
-2D	710101	2.00	0.00	0.00	0.00	O
-2D	720101	0.00	0.00	0.00	300.00	WI
-2D	730101	0.00	0.00	0.00	570.00	WI
-2D	740101	0.00	0.00	0.00	510.00	WI
-2D	750101	0.00	0.00	0.00	400.00	WI
-2D	760101	0.00	0.00	0.00	385.00	WI
-2D	770101	0.00	0.00	0.00	385.00	WI
-2D	780101	0.00	0.00	0.00	320.00	WI
-2D	790101	0.00	0.00	0.00	380.00	WI
-2D	800101	0.00	0.00	0.00	275.00	WI
-2D	810101	0.00	0.00	0.00	280.00	WI
-2D	820101	0.00	0.00	0.00	260.00	WI
-2D	830101	0.00	0.00	0.00	255.00	WI
-2D	840101	0.00	0.00	0.00	280.00	WI
-2D	850101	0.00	0.00	0.00	240.00	WI
-2D	860101	0.00	0.00	0.00	230.00	WI
-2D	870101	0.00	0.00	0.00	195.00	WI
-2D	880101	0.00	0.00	0.00	200.00	WI
-2D	890101	0.00	0.00	0.00	150.00	WI
-2D	900101	0.00	0.00	0.00	150.00	WI
-2D	910101	0.00	0.00	0.00	180.00	WI
-2D	920101	0.00	0.00	0.00	190.00	WI
-2D	930101	0.00	0.00	0.00	230.00	WI
-2D	940101	0.00	0.00	0.00	320.00	WI

-2D

950101

0.00

0.00

0.00

320.00

WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-5	780101	12.00	0.00	0.00	0.00	O
-5	790101	22.00	0.00	0.00	0.00	O
-5	800101	23.93	0.00	0.00	0.00	O
-5	810101	25.00	0.00	0.00	0.00	O
-5	820101	28.00	0.00	0.00	0.00	O
-5	830101	32.00	0.00	0.00	0.00	O
-5	840101	20.94	0.00	0.00	0.00	O
-5	850101	32.00	0.00	0.00	0.00	O
-5	860101	21.00	0.00	0.00	0.00	O
-5	870101	12.00	0.00	0.00	0.00	O
-5	880101	12.96	0.00	0.00	0.00	O
-5	890101	19.00	0.00	0.00	0.00	O
-5	900101	11.00	0.00	0.00	0.00	O
-5	910101	14.00	0.00	0.00	0.00	O
-5	920101	17.95	0.00	0.00	0.00	O
-5	930101	13.00	0.00	0.00	0.00	O
-5	940101	17.00	0.00	0.00	0.00	O
-5	950101	17.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-46	400101	4.00	0.00	0.00	0.00	O
-46	410101	37.00	0.00	0.00	0.00	O
-46	420101	20.00	0.00	0.00	0.00	O
-46	430101	35.00	0.00	0.00	0.00	O
-46	440101	79.78	0.00	0.00	0.00	O
-46	450101	71.00	0.00	0.00	0.00	O
-46	460101	50.00	0.00	0.00	0.00	O
-46	470101	33.00	0.00	0.00	0.00	O
-46	480101	15.96	0.00	0.00	0.00	O
-46	490101	11.00	0.00	0.00	0.00	O
-46	500101	8.00	0.00	0.00	0.00	O
-46	510101	7.00	0.00	0.00	0.00	O
-46	520101	6.98	0.00	0.00	0.00	O
-46	530101	6.00	0.00	0.00	0.00	O
-46	540101	6.00	0.00	0.00	0.00	O
-46	550101	32.00	0.00	0.00	0.00	O
-46	560101	16.95	0.00	0.00	0.00	O
-46	570101	11.00	0.00	0.00	0.00	O
-46	580101	12.00	0.00	0.00	0.00	O
-46	590101	3.00	0.00	0.00	0.00	O
-46	600101	1.99	0.00	0.00	0.00	O
-46	610101	4.00	0.00	0.00	0.00	O
-46	620101	4.00	0.00	0.00	0.00	O
-46	630101	3.00	0.00	0.00	0.00	O
-46	640101	1.10	0.00	0.00	0.00	O
-46	650101	5.00	0.00	0.00	0.00	O
-46	660101	23.00	0.00	0.00	0.00	O
-46	670101	60.00	0.00	0.00	0.00	O
-46	680101	79.78	0.00	0.00	0.00	O
-46	690101	0.00	0.00	0.00	0.00	O
-46	700101	60.00	0.00	0.00	0.00	O
-46	710101	80.00	0.00	0.00	0.00	O
-46	720101	80.78	0.00	0.00	0.00	O
-46	730101	25.00	0.00	0.00	0.00	O
-46	740101	10.00	0.00	0.00	0.00	O
-46	750101	10.00	0.00	0.00	0.00	O
-46	760101	1.72	0.00	0.00	0.00	O
-46	770101	80.00	0.00	0.00	0.00	O
-46	780101	80.00	0.00	0.00	0.00	O
-46	790101	80.00	0.00	0.00	0.00	O
-46	800101	79.78	0.00	0.00	0.00	O
-46	810101	10.00	0.00	0.00	0.00	O
-46	820101	5.00	0.00	0.00	0.00	O
-46	830101	1.00	0.00	0.00	0.00	O
-46	840101	89.75	0.00	0.00	0.00	O
-46	850101	70.00	0.00	0.00	0.00	O
-46	860101	58.00	0.00	0.00	0.00	O
-46	870101	48.00	0.00	0.00	0.00	O
-46	880101	41.89	0.00	0.00	0.00	O
-46	890101	42.00	0.00	0.00	0.00	O
-46	900101	75.00	0.00	0.00	0.00	O
-46	910101	52.00	0.00	0.00	0.00	O
-46	920101	46.87	0.00	0.00	0.00	O
-46	930101	42.00	0.00	0.00	0.00	O
-46	940101	41.00	0.00	0.00	0.00	O
-46	950101	40.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-47	400101	4.00	0.00	0.00	0.00	O
-47	410101	56.00	0.00	0.00	0.00	O
-47	420101	29.00	0.00	0.00	0.00	O
-47	430101	45.00	0.00	0.00	0.00	O
-47	440101	74.80	0.00	0.00	0.00	O
-47	450101	65.00	0.00	0.00	0.00	O
-47	460101	60.00	0.00	0.00	0.00	O
-47	470101	40.00	0.00	0.00	0.00	O
-47	480101	22.94	0.00	0.00	0.00	O
-47	490101	16.00	0.00	0.00	0.00	O
-47	500101	13.00	0.00	0.00	0.00	O
-47	510101	11.00	0.00	0.00	0.00	O
-47	520101	10.97	0.00	0.00	0.00	O
-47	530101	10.00	0.00	0.00	0.00	O
-47	540101	10.00	0.00	0.00	0.00	O
-47	550101	50.00	0.00	0.00	0.00	O
-47	560101	18.95	0.00	0.00	0.00	O
-47	570101	10.00	0.00	0.00	0.00	O
-47	580101	8.00	0.00	0.00	0.00	O
-47	590101	2.00	0.00	0.00	0.00	O
-47	600101	2.99	0.00	0.00	0.00	O
-47	610101	3.00	0.00	0.00	0.00	O
-47	620101	5.00	0.00	0.00	0.00	O
-47	630101	8.00	0.00	0.00	0.00	O
-47	640101	1.99	0.00	0.00	0.00	O
-47	650101	4.00	0.00	0.00	0.00	O
-47	660101	4.00	0.00	0.00	0.00	O
-47	670101	3.00	0.00	0.00	0.00	O
-47	680101	4.99	0.00	0.00	0.00	O
-47	690101	4.00	0.00	0.00	0.00	O
-47	700101	4.00	0.00	0.00	0.00	O
-47	710101	25.00	0.00	0.00	0.00	O
-47	720101	29.92	0.00	0.00	0.00	O
-47	730101	22.00	0.00	0.00	0.00	O
-47	740101	29.00	0.00	0.00	0.00	O
-47	750101	45.00	0.00	0.00	0.00	O
-47	760101	37.90	0.00	0.00	0.00	O
-47	770101	36.00	0.00	0.00	0.00	O
-47	780101	34.00	0.00	0.00	0.00	O
-47	790101	44.00	0.00	0.00	0.00	O
-47	800101	67.81	0.00	0.00	0.00	O
-47	810101	45.00	0.00	0.00	0.00	O
-47	820101	20.00	0.00	0.00	0.00	O
-47	830101	70.00	0.00	0.00	0.00	O
-47	840101	84.77	0.00	0.00	0.00	O
-47	850101	75.00	0.00	0.00	0.00	O
-47	860101	63.00	0.00	0.00	0.00	O
-47	870101	62.00	0.00	0.00	0.00	O
-47	880101	59.84	0.00	0.00	0.00	O
-47	890101	40.00	0.00	0.00	0.00	O
-47	900101	41.00	0.00	0.00	0.00	O
-47	910101	50.00	0.00	0.00	0.00	O
-47	920101	34.90	0.00	0.00	0.00	O
-47	930101	30.00	0.00	0.00	0.00	O
-47	940101	30.00	0.00	0.00	0.00	O
-47	950101	33.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-60	700101	15.00	0.00	0.00	0.00	O
-60	710101	11.00	0.00	0.00	0.00	O
-60	720101	15.96	0.00	0.00	0.00	O
-60	730101	45.00	0.00	0.00	0.00	O
-60	740101	41.00	0.00	0.00	0.00	O
-60	750101	42.00	0.00	0.00	0.00	O
-60	760101	39.89	0.00	0.00	0.00	O
-60	770101	37.00	0.00	0.00	0.00	O
-60	780101	33.00	0.00	0.00	0.00	O
-60	790101	39.00	0.00	0.00	0.00	O
-60	800101	42.88	0.00	0.00	0.00	O
-60	810101	42.00	0.00	0.00	0.00	O
-60	820101	43.00	0.00	0.00	0.00	O
-60	830101	42.00	0.00	0.00	0.00	O
-60	840101	54.85	0.00	0.00	0.00	O
-60	850101	73.00	0.00	0.00	0.00	O
-60	860101	65.00	0.00	0.00	0.00	O
-60	870101	32.00	0.00	0.00	0.00	O
-60	880101	34.90	0.00	0.00	0.00	O
-60	890101	32.00	0.00	0.00	0.00	O
-60	900101	50.00	0.00	0.00	0.00	O
-60	910101	24.00	0.00	0.00	0.00	O
-60	920101	18.95	0.00	0.00	0.00	O
-60	930101	18.00	0.00	0.00	0.00	O
-60	940101	18.00	0.00	0.00	0.00	O
-60	950101	19.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-3	400101	4.09	0.00	0.00	0.00	O
-3	410101	56.04	0.00	0.00	0.00	O
-3	420101	29.07	0.00	0.00	0.00	O
-3	430101	45.50	0.00	0.00	0.00	O
-3	440101	75.38	0.00	0.00	0.00	O
-3	450101	65.73	0.00	0.00	0.00	O
-3	460101	60.36	0.00	0.00	0.00	O
-3	470101	40.10	0.00	0.00	0.00	O
-3	480101	23.25	0.00	0.00	0.00	O
-3	490101	16.64	0.00	0.00	0.00	O
-3	500101	13.68	0.00	0.00	0.00	O
-3	510101	11.42	0.00	0.00	0.00	O
-3	520101	11.01	0.00	0.00	0.00	O
-3	530101	10.33	0.00	0.00	0.00	O
-3	540101	10.91	0.00	0.00	0.00	O
-3	550101	65.60	0.00	0.00	0.00	O
-3	560101	31.26	0.00	0.00	0.00	O
-3	570101	20.29	0.00	0.00	0.00	O
-3	580101	16.10	0.00	0.00	0.00	O
-3	590101	12.39	0.00	0.00	0.00	O
-3	600101	4.67	0.00	0.00	0.00	O
-3	610101	3.48	0.00	0.00	0.00	O
-3	620101	0.00	0.00	0.00	0.00	O
-3	630101	0.00	0.00	0.00	0.00	O
-3	640101	0.00	0.00	0.00	0.00	WI
-3	650101	0.00	0.00	0.00	0.00	WI
-3	660101	0.00	0.00	0.00	350.00	WI
-3	670101	0.00	0.00	0.00	400.00	WI
-3	680101	0.00	0.00	0.00	400.00	WI
-3	690101	0.00	0.00	0.00	400.00	WI
-3	700101	0.00	0.00	0.00	400.00	WI
-3	710101	0.00	0.00	0.00	400.00	WI
-3	720101	0.00	0.00	0.00	400.00	WI
-3	730101	0.00	0.00	0.00	400.00	WI
-3	740101	0.00	0.00	0.00	400.00	WI
-3	750101	0.00	0.00	0.00	400.00	WI
-3	760101	0.00	0.00	0.00	400.00	WI
-3	770101	0.00	0.00	0.00	400.00	WI
-3	780101	0.00	0.00	0.00	400.00	WI
-3	790101	0.00	0.00	0.00	400.00	WI
-3	800101	0.00	0.00	0.00	400.00	WI
-3	810101	0.00	0.00	0.00	400.00	WI
-3	820101	0.00	0.00	0.00	395.00	WI
-3	830101	0.00	0.00	0.00	384.00	WI
-3	840101	0.00	0.00	0.00	375.00	WI
-3	850101	0.00	0.00	0.00	368.00	WI
-3	860101	0.00	0.00	0.00	375.00	WI
-3	870101	0.00	0.00	0.00	340.00	WI
-3	880101	0.00	0.00	0.00	431.00	WI
-3	890101	0.00	0.00	0.00	428.00	WI
-3	900101	0.00	0.00	0.00	250.00	WI
-3	910101	0.00	0.00	0.00	220.00	WI
-3	920101	0.00	0.00	0.00	214.00	WI
-3	930101	0.00	0.00	0.00	217.00	WI
-3	940101	0.00	0.00	0.00	439.61	WI
-3	950101	0.00	0.00	0.00	0.00	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-4	390101	0.45	0.00	0.00	0.00	O
-4	400101	33.44	0.00	0.00	0.00	O
-4	410101	16.05	0.00	0.00	0.00	O
-4	420101	25.12	0.00	0.00	0.00	O
-4	430101	60.95	0.00	0.00	0.00	O
-4	440101	53.15	0.00	0.00	0.00	O
-4	450101	34.05	0.00	0.00	0.00	O
-4	460101	22.62	0.00	0.00	0.00	O
-4	470101	26.35	0.00	0.00	0.00	O
-4	480101	18.86	0.00	0.00	0.00	O
-4	490101	13.68	0.00	0.00	0.00	O
-4	500101	11.42	0.00	0.00	0.00	O
-4	510101	11.01	0.00	0.00	0.00	O
-4	520101	10.33	0.00	0.00	0.00	O
-4	530101	10.91	0.00	0.00	0.00	O
-4	540101	23.93	0.00	0.00	0.00	O
-4	550101	11.41	0.00	0.00	0.00	O
-4	560101	7.40	0.00	0.00	0.00	O
-4	570101	5.87	0.00	0.00	0.00	O
-4	580101	4.52	0.00	0.00	0.00	O
-4	590101	5.80	0.00	0.00	0.00	O
-4	600101	4.32	0.00	0.00	0.00	O
-4	610101	4.49	0.00	0.00	0.00	O
-4	620101	4.70	0.00	0.00	0.00	O
-4	630101	4.10	0.00	0.00	0.00	O
-4	640101	4.17	0.00	0.00	0.00	O
-4	650101	4.49	0.00	0.00	0.00	O
-4	660101	5.78	0.00	0.00	0.00	O
-4	670101	11.98	0.00	0.00	0.00	O
-4	680101	20.67	0.00	0.00	0.00	O
-4	690101	14.79	0.00	0.00	0.00	O
-4	700101	19.97	0.00	0.00	0.00	O
-4	710101	21.11	0.00	0.00	0.00	O
-4	720101	26.91	0.00	0.00	0.00	O
-4	730101	32.94	0.00	0.00	0.00	O
-4	740101	33.66	0.00	0.00	0.00	O
-4	750101	36.73	0.00	0.00	0.00	O
-4	760101	16.86	0.00	0.00	0.00	O
-4	770101	16.71	0.00	0.00	0.00	O
-4	780101	17.21	0.00	0.00	0.00	O
-4	790101	15.39	0.00	0.00	0.00	O
-4	800101	0.00	0.00	0.00	0.00	O
-4	810101	0.00	0.00	0.00	0.00	O
-4	820101	0.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-6	770101	29.50	0.00	0.00	0.00	O
-6	780101	29.24	0.00	0.00	0.00	O
-6	790101	30.11	0.00	0.00	0.00	O
-6	800101	26.92	0.00	0.00	0.00	O
-6	810101	19.06	0.00	0.00	0.00	O
-6	820101	17.44	0.00	0.00	0.00	O
-6	830101	17.54	0.00	0.00	0.00	O
-6	840101	16.53	0.00	0.00	0.00	O
-6	850101	16.56	0.00	0.00	0.00	O
-6	860101	14.91	0.00	0.00	0.00	O
-6	870101	13.15	0.00	0.00	0.00	O
-6	880101	11.59	0.00	0.00	0.00	O
-6	890101	8.94	0.00	0.00	0.00	O
-6	900101	11.42	0.00	0.00	0.00	O
-6	910101	8.48	0.00	0.00	0.00	O
-6	920101	13.29	0.00	0.00	0.00	O
-6	930101	14.08	0.00	0.00	0.00	O
-6	940101	16.17	0.00	0.00	0.00	O
-6	950101	4.00	0.00	0.00	0.00	O

WELL #	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-9	780101	0.00	0.00	0.00	450.00	WI
-9	790101	0.00	0.00	0.00	450.00	WI
-9	800101	0.00	0.00	0.00	400.00	WI
-9	810101	0.00	0.00	0.00	400.00	WI
-9	820101	0.00	0.00	0.00	364.00	WI
-9	830101	0.00	0.00	0.00	381.00	WI
-9	840101	0.00	0.00	0.00	265.00	WI
-9	850101	0.00	0.00	0.00	275.00	WI
-9	860101	0.00	0.00	0.00	311.00	WI
-9	870101	0.00	0.00	0.00	245.00	WI
-9	880101	0.00	0.00	0.00	230.00	WI
-9	890101	0.00	0.00	0.00	292.00	WI
-9	900101	0.00	0.00	0.00	200.00	WI
-9	910101	0.00	0.00	0.00	200.00	WI
-9	920101	0.00	0.00	0.00	0.00	WI
-9	930101	0.00	0.00	0.00	156.00	WI
-9	940101	0.00	0.00	0.00	173.00	WI
-9	950101	0.00	0.00	0.00	213.70	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2	400101	6.81	0.00	0.00	0.00	O
-2	410101	45.94	0.00	0.00	0.00	O
-2	420101	25.84	0.00	0.00	0.00	O
-2	430101	40.44	0.00	0.00	0.00	O
-2	440101	5.15	0.00	0.00	0.00	O
-2	450101	91.70	0.00	0.00	0.00	O
-2	460101	62.39	0.00	0.00	0.00	O
-2	470101	41.44	0.00	0.00	0.00	O
-2	480101	20.16	0.00	0.00	0.00	O
-2	490101	14.43	0.00	0.00	0.00	O
-2	500101	10.52	0.00	0.00	0.00	O
-2	510101	8.78	0.00	0.00	0.00	O
-2	520101	8.47	0.00	0.00	0.00	O
-2	530101	7.94	0.00	0.00	0.00	O
-2	540101	8.39	0.00	0.00	0.00	O
-2	550101	39.62	0.00	0.00	0.00	O
-2	560101	18.88	0.00	0.00	0.00	O
-2	570101	12.26	0.00	0.00	0.00	O
-2	580101	9.73	0.00	0.00	0.00	O
-2	590101	7.48	0.00	0.00	0.00	O
-2	600101	5.08	0.00	0.00	0.00	O
-2	610101	3.78	0.00	0.00	0.00	O
-2	620101	4.49	0.00	0.00	0.00	O
-2	630101	4.70	0.00	0.00	0.00	O
-2	640101	4.10	0.00	0.00	0.00	O
-2	650101	4.17	0.00	0.00	0.00	O
-2	660101	4.49	0.00	0.00	0.00	O
-2	670101	4.79	0.00	0.00	0.00	O
-2	680101	9.93	0.00	0.00	0.00	O
-2	690101	17.12	0.00	0.00	0.00	O
-2	700101	13.38	0.00	0.00	0.00	O
-2	710101	18.06	0.00	0.00	0.00	O
-2	720101	19.10	0.00	0.00	0.00	O
-2	730101	24.35	0.00	0.00	0.00	O
-2	740101	27.56	0.00	0.00	0.00	O
-2	750101	28.17	0.00	0.00	0.00	O
-2	760101	30.73	0.00	0.00	0.00	O
-2	770101	23.61	0.00	0.00	0.00	O
-2	780101	23.40	0.00	0.00	0.00	O
-2	790101	24.10	0.00	0.00	0.00	O
-2	800101	21.55	0.00	0.00	0.00	O
-2	810101	36.64	0.00	0.00	0.00	O
-2	820101	33.51	0.00	0.00	0.00	O
-2	830101	33.71	0.00	0.00	0.00	O
-2	840101	31.76	0.00	0.00	0.00	O
-2	850101	32.84	0.00	0.00	0.00	O
-2	860101	29.56	0.00	0.00	0.00	O
-2	870101	26.08	0.00	0.00	0.00	O
-2	880101	22.98	0.00	0.00	0.00	O
-2	890101	17.89	0.00	0.00	0.00	O
-2	900101	22.84	0.00	0.00	0.00	O
-2	910101	16.96	0.00	0.00	0.00	O
-2	920101	13.29	0.00	0.00	0.00	O
-2	930101	14.08	0.00	0.00	0.00	O
-2	940101	10.74	0.00	0.00	0.00	O
-2	950101	12.50	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	390101	77.25	0.00	0.00	0.00	O
-1	400101	11.36	0.00	0.00	0.00	O
-1	410101	9.91	0.00	0.00	0.00	O
-1	420101	7.65	0.00	0.00	0.00	O
-1	430101	11.97	0.00	0.00	0.00	O
-1	440101	22.26	0.00	0.00	0.00	O
-1	450101	19.41	0.00	0.00	0.00	O
-1	460101	10.78	0.00	0.00	0.00	O
-1	470101	7.16	0.00	0.00	0.00	O
-1	480101	4.44	0.00	0.00	0.00	O
-1	490101	3.18	0.00	0.00	0.00	O
-1	500101	7.88	0.00	0.00	0.00	O
-1	510101	6.58	0.00	0.00	0.00	O
-1	520101	6.35	0.00	0.00	0.00	O
-1	530101	5.95	0.00	0.00	0.00	O
-1	540101	6.29	0.00	0.00	0.00	O
-1	550101	0.00	0.00	0.00	0.00	O
-1	560101	0.00	0.00	0.00	0.00	O
-1	570101	0.00	0.00	0.00	0.00	O
-1	580101	0.00	0.00	0.00	0.00	O
-1	590101	0.00	0.00	0.00	0.00	O
-1	600101	3.39	0.00	0.00	0.00	O
-1	610101	2.52	0.00	0.00	0.00	O
-1	620101	0.00	0.00	0.00	450.00	WI
-1	630101	0.00	0.00	0.00	450.00	WI
-1	640101	0.00	0.00	0.00	450.00	WI
-1	650101	0.00	0.00	0.00	450.00	WI
-1	660101	0.00	0.00	0.00	450.00	WI
-1	670101	0.00	0.00	0.00	450.00	WI
-1	680101	0.00	0.00	0.00	450.00	WI
-1	690101	0.00	0.00	0.00	450.00	WI
-1	700101	0.00	0.00	0.00	450.00	WI
-1	710101	0.00	0.00	0.00	450.00	WI
-1	720101	0.00	0.00	0.00	450.00	WI
-1	730101	0.00	0.00	0.00	450.00	WI
-1	740101	0.00	0.00	0.00	450.00	WI
-1	750101	0.00	0.00	0.00	450.00	WI
-1	760101	0.00	0.00	0.00	450.00	WI
-1	770101	0.00	0.00	0.00	450.00	WI
-1	780101	0.00	0.00	0.00	450.00	WI
-1	790101	0.00	0.00	0.00	450.00	WI
-1	800101	0.00	0.00	0.00	450.00	WI
-1	810101	0.00	0.00	0.00	450.00	WI
-1	820101	0.00	0.00	0.00	463.00	WI
-1	830101	0.00	0.00	0.00	412.00	WI
-1	840101	0.00	0.00	0.00	358.00	WI
-1	850101	0.00	0.00	0.00	358.00	WI
-1	860101	0.00	0.00	0.00	371.05	WI
-1	870101	0.00	0.00	0.00	0.00	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-5	700101	29.50	0.00	0.00	0.00	O
-5	710101	39.83	0.00	0.00	0.00	O
-5	720101	42.11	0.00	0.00	0.00	O
-5	730101	53.68	0.00	0.00	0.00	O
-5	740101	48.40	0.00	0.00	0.00	O
-5	750101	49.45	0.00	0.00	0.00	O
-5	760101	53.96	0.00	0.00	0.00	O
-5	770101	25.28	0.00	0.00	0.00	O
-5	780101	25.06	0.00	0.00	0.00	O
-5	790101	25.81	0.00	0.00	0.00	O
-5	800101	23.07	0.00	0.00	0.00	O
-5	810101	26.24	0.00	0.00	0.00	O
-5	820101	24.00	0.00	0.00	0.00	O
-5	830101	24.14	0.00	0.00	0.00	O
-5	840101	22.75	0.00	0.00	0.00	O
-5	850101	23.98	0.00	0.00	0.00	O
-5	860101	21.58	0.00	0.00	0.00	O
-5	870101	19.04	0.00	0.00	0.00	O
-5	880101	16.78	0.00	0.00	0.00	O
-5	890101	14.43	0.00	0.00	0.00	O
-5	900101	18.42	0.00	0.00	0.00	O
-5	910101	13.68	0.00	0.00	0.00	O
-5	920101	17.68	0.00	0.00	0.00	O
-5	930101	18.74	0.00	0.00	0.00	O
-5	940101	21.52	0.00	0.00	0.00	O
-5	950101	9.00	0.00	0.00	0.00	O

LL #E	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-8	770101	33.74	0.00	0.00	0.00	O
-8	780101	33.44	0.00	0.00	0.00	O
-8	790101	34.44	0.00	0.00	0.00	O
-8	800101	30.79	0.00	0.00	0.00	O
-8	810101	32.93	0.00	0.00	0.00	O
-8	820101	30.12	0.00	0.00	0.00	O
-8	830101	30.30	0.00	0.00	0.00	O
-8	840101	28.55	0.00	0.00	0.00	O
-8	850101	28.27	0.00	0.00	0.00	O
-8	860101	25.44	0.00	0.00	0.00	O
-8	870101	22.45	0.00	0.00	0.00	O
-8	880101	19.78	0.00	0.00	0.00	O
-8	890101	22.22	0.00	0.00	0.00	O
-8	900101	28.37	0.00	0.00	0.00	O
-8	910101	21.06	0.00	0.00	0.00	O
-8	920101	14.33	0.00	0.00	0.00	O
-8	930101	15.19	0.00	0.00	0.00	O
-8	940101	11.80	0.00	0.00	0.00	O
-8	950101	7.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-10	770101	25.28	0.00	0.00	0.00	O
-10	780101	25.06	0.00	0.00	0.00	O
-10	790101	25.81	0.00	0.00	0.00	O
-10	800101	23.07	0.00	0.00	0.00	O
-10	810101	28.22	0.00	0.00	0.00	O
-10	820101	25.81	0.00	0.00	0.00	O
-10	830101	25.97	0.00	0.00	0.00	O
-10	840101	24.47	0.00	0.00	0.00	O
-10	850101	10.89	0.00	0.00	0.00	O
-10	860101	9.80	0.00	0.00	0.00	O
-10	870101	8.65	0.00	0.00	0.00	O
-10	880101	7.62	0.00	0.00	0.00	O
-10	890101	6.06	0.00	0.00	0.00	O
-10	900101	7.73	0.00	0.00	0.00	O
-10	910101	5.74	0.00	0.00	0.00	O
-10	920101	3.32	0.00	0.00	0.00	O
-10	930101	3.51	0.00	0.00	0.00	O
-10	940101	3.27	0.00	0.00	0.00	O
-10	950101	3.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-11	810101	12.38	0.00	0.00	0.00	O
-11	820101	11.32	0.00	0.00	0.00	O
-11	830101	11.39	0.00	0.00	0.00	O
-11	840101	10.76	0.00	0.00	0.00	O
-11	850101	3.11	0.00	0.00	0.00	O
-11	860101	2.80	0.00	0.00	0.00	O
-11	870101	2.47	0.00	0.00	0.00	O
-11	880101	2.17	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-7	770101	25.28	0.00	0.00	0.00	O
-7	780101	25.06	0.00	0.00	0.00	O
-7	790101	25.81	0.00	0.00	0.00	O
-7	800101	23.07	0.00	0.00	0.00	O
-7	810101	26.26	0.00	0.00	0.00	O
-7	820101	24.02	0.00	0.00	0.00	O
-7	830101	24.16	0.00	0.00	0.00	O
-7	840101	22.77	0.00	0.00	0.00	O
-7	850101	19.99	0.00	0.00	0.00	O
-7	860101	17.99	0.00	0.00	0.00	O
-7	870101	15.88	0.00	0.00	0.00	O
-7	880101	13.99	0.00	0.00	0.00	O
-7	890101	3.45	0.00	0.00	0.00	O
-7	900101	4.41	0.00	0.00	0.00	O
-7	910101	3.27	0.00	0.00	0.00	O
-7	920101	7.74	0.00	0.00	0.00	O
-7	930101	8.20	0.00	0.00	0.00	O
-7	940101	6.44	0.00	0.00	0.00	O
-7	950101	7.50	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2	410101	30.00	0.00	0.00	0.00	O
-2	420101	9.00	0.00	0.00	0.00	O
-2	430101	11.00	0.00	0.00	0.00	O
-2	440101	11.97	0.00	0.00	0.00	O
-2	450101	7.00	0.00	0.00	0.00	O
-2	460101	7.00	0.00	0.00	0.00	O
-2	470101	7.00	0.00	0.00	0.00	O
-2	480101	6.98	0.00	0.00	0.00	O
-2	490101	6.00	0.00	0.00	0.00	O
-2	500101	7.00	0.00	0.00	0.00	O
-2	510101	6.00	0.00	0.00	0.00	O
-2	520101	4.99	0.00	0.00	0.00	O
-2	530101	5.00	0.00	0.00	0.00	O
-2	540101	6.00	0.00	0.00	0.00	O
-2	550101	12.00	0.00	0.00	0.00	O
-2	560101	4.99	0.00	0.00	0.00	O
-2	570101	3.00	0.00	0.00	0.00	O
-2	580101	3.00	0.00	0.00	0.00	O
-2	590101	3.00	0.00	0.00	0.00	O
-2	600101	2.99	0.00	0.00	0.00	O
-2	610101	3.00	0.00	0.00	0.00	O
-2	620101	2.00	0.00	0.00	0.00	O
-2	630101	9.00	0.00	0.00	0.00	O
-2	640101	8.98	0.00	0.00	0.00	O
-2	650101	5.00	0.00	0.00	0.00	O
-2	660101	5.00	0.00	0.00	0.00	O
-2	670101	3.00	0.00	0.00	0.00	O
-2	680101	2.99	0.00	0.00	0.00	O
-2	690101	3.00	0.00	0.00	0.00	O
-2	700101	3.00	0.00	0.00	0.00	O
-2	710101	3.00	0.00	0.00	0.00	O
-2	720101	2.99	0.00	0.00	0.00	O
-2	730101	3.00	0.00	0.00	0.00	O
-2	740101	3.00	0.00	0.00	0.00	O
-2	750101	3.00	0.00	0.00	0.00	O
-2	760101	2.99	0.00	0.00	0.00	O
-2	770101	3.00	0.00	0.00	0.00	O
-2	780101	3.00	0.00	0.00	0.00	O
-2	790101	3.00	0.00	0.00	0.00	O
-2	800101	2.99	0.00	0.00	0.00	O
-2	810101	3.00	0.00	0.00	0.00	O
-2	820101	3.00	0.00	0.00	0.00	O
-2	830101	3.00	0.00	0.00	0.00	O
-2	840101	2.99	0.00	0.00	0.00	O
-2	850101	3.00	0.00	0.00	0.00	O
-2	860101	3.00	0.00	0.00	0.00	O
-2	870101	3.00	0.00	0.00	0.00	O
-2	880101	2.99	0.00	0.00	0.00	O
-2	890101	3.00	0.00	0.00	0.00	O
-2	900101	3.00	0.00	0.00	0.00	O
-2	910101	3.00	0.00	0.00	0.00	O
-2	920101	2.99	0.00	0.00	0.00	O
-2	930101	3.00	0.00	0.00	0.00	O
-2	940101	3.00	0.00	0.00	0.00	O
-2	950101	3.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-3	390101	25.00	0.00	0.00	0.00	O
-3	400101	20.00	0.00	0.00	0.00	O
-3	410101	6.00	0.00	0.00	0.00	O
-3	420101	8.00	0.00	0.00	0.00	O
-3	430101	7.98	0.00	0.00	0.00	O
-3	440101	5.00	0.00	0.00	0.00	O
-3	450101	5.00	0.00	0.00	0.00	O
-3	460101	6.00	0.00	0.00	0.00	O
-3	470101	4.99	0.00	0.00	0.00	O
-3	480101	4.00	0.00	0.00	0.00	O
-3	490101	5.00	0.00	0.00	0.00	O
-3	500101	4.00	0.00	0.00	0.00	O
-3	510101	2.99	0.00	0.00	0.00	O
-3	520101	3.00	0.00	0.00	0.00	O
-3	530101	4.00	0.00	0.00	0.00	O
-3	540101	9.00	0.00	0.00	0.00	O
-3	550101	2.99	0.00	0.00	0.00	O
-3	560101	2.00	0.00	0.00	0.00	O
-3	570101	2.00	0.00	0.00	0.00	O
-3	580101	1.00	0.00	0.00	0.00	O
-3	590101	1.10	0.00	0.00	0.00	O
-3	600101	1.00	0.00	0.00	0.00	O
-3	610101	1.00	0.00	0.00	0.00	O
-3	620101	6.00	0.00	0.00	0.00	O
-3	630101	5.98	0.00	0.00	0.00	O
-3	640101	3.00	0.00	0.00	0.00	O
-3	650101	3.00	0.00	0.00	0.00	O
-3	660101	2.00	0.00	0.00	0.00	O
-3	670101	1.99	0.00	0.00	0.00	O
-3	680101	2.00	0.00	0.00	0.00	O
-3	690101	2.00	0.00	0.00	0.00	O
-3	700101	2.00	0.00	0.00	0.00	O
-3	710101	1.99	0.00	0.00	0.00	O
-3	720101	2.00	0.00	0.00	0.00	O
-3	730101	2.00	0.00	0.00	0.00	O
-3	740101	2.00	0.00	0.00	0.00	O
-3	750101	1.99	0.00	0.00	0.00	O
-3	760101	2.00	0.00	0.00	0.00	O
-3	770101	2.00	0.00	0.00	0.00	O
-3	780101	2.00	0.00	0.00	0.00	O
-3	790101	1.99	0.00	0.00	0.00	O
-3	800101	2.00	0.00	0.00	0.00	O
-3	810101	2.00	0.00	0.00	0.00	O
-3	820101	2.00	0.00	0.00	0.00	O
-3	830101	1.99	0.00	0.00	0.00	O
-3	840101	2.00	0.00	0.00	0.00	O
-3	850101	2.00	0.00	0.00	0.00	O
-3	860101	2.00	0.00	0.00	0.00	O
-3	870101	1.99	0.00	0.00	0.00	O
-3	880101	2.00	0.00	0.00	0.00	O
-3	890101	2.00	0.00	0.00	0.00	O
-3	900101	2.00	0.00	0.00	0.00	O
-3	910101	1.99	0.00	0.00	0.00	O
-3	920101	2.00	0.00	0.00	0.00	O
-3	930101	2.00	0.00	0.00	0.00	O
-3	940101	2.00	0.00	0.00	0.00	O

-3

950101

0.00

0.00

0.00

0.00

0

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-4	410101	30.00	0.00	0.00	0.00	O
-4	420101	9.00	0.00	0.00	0.00	O
-4	430101	11.00	0.00	0.00	0.00	O
-4	440101	11.97	0.00	0.00	0.00	O
-4	450101	7.00	0.00	0.00	0.00	O
-4	460101	7.00	0.00	0.00	0.00	O
-4	470101	7.00	0.00	0.00	0.00	O
-4	480101	6.98	0.00	0.00	0.00	O
-4	490101	6.00	0.00	0.00	0.00	O
-4	500101	7.00	0.00	0.00	0.00	O
-4	510101	6.00	0.00	0.00	0.00	O
-4	520101	4.99	0.00	0.00	0.00	O
-4	530101	5.00	0.00	0.00	0.00	O
-4	540101	6.00	0.00	0.00	0.00	O
-4	550101	12.00	0.00	0.00	0.00	O
-4	560101	4.99	0.00	0.00	0.00	O
-4	570101	3.00	0.00	0.00	0.00	O
-4	580101	3.00	0.00	0.00	0.00	O
-4	590101	3.00	0.00	0.00	0.00	O
-4	600101	2.99	0.00	0.00	0.00	O
-4	610101	3.00	0.00	0.00	0.00	O
-4	620101	2.00	0.00	0.00	0.00	O
-4	630101	9.00	0.00	0.00	0.00	O
-4	640101	8.98	0.00	0.00	0.00	O
-4	650101	5.00	0.00	0.00	0.00	O
-4	660101	5.00	0.00	0.00	0.00	O
-4	670101	3.00	0.00	0.00	0.00	O
-4	680101	2.99	0.00	0.00	0.00	O
-4	690101	3.00	0.00	0.00	0.00	O
-4	700101	3.00	0.00	0.00	0.00	O
-4	710101	3.00	0.00	0.00	0.00	O
-4	720101	2.99	0.00	0.00	0.00	O
-4	730101	3.00	0.00	0.00	0.00	O
-4	740101	3.00	0.00	0.00	0.00	O
-4	750101	3.00	0.00	0.00	0.00	O
-4	760101	2.99	0.00	0.00	0.00	O
-4	770101	3.00	0.00	0.00	0.00	O
-4	780101	3.00	0.00	0.00	0.00	O
-4	790101	3.00	0.00	0.00	0.00	O
-4	800101	2.99	0.00	0.00	0.00	O
-4	810101	3.00	0.00	0.00	0.00	O
-4	820101	3.00	0.00	0.00	0.00	O
-4	830101	3.00	0.00	0.00	0.00	O
-4	840101	2.99	0.00	0.00	0.00	O
-4	850101	3.00	0.00	0.00	0.00	O
-4	860101	3.00	0.00	0.00	0.00	O
-4	870101	3.00	0.00	0.00	0.00	O
-4	880101	2.99	0.00	0.00	0.00	O
-4	890101	3.00	0.00	0.00	0.00	O
-4	900101	3.00	0.00	0.00	0.00	O
-4	910101	3.00	0.00	0.00	0.00	O
-4	920101	2.99	0.00	0.00	0.00	O
-4	930101	3.00	0.00	0.00	0.00	O
-4	940101	3.00	0.00	0.00	0.00	O
-4	950101	3.00	0.00	0.00	0.00	O

oSpectrum, Inc. Well Production Data 22 January 1996

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-13	950401	31.30	0.00	0.00	0.00	O

oSpectrum, Inc. Well Production Data 22 January 1996

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	400101	8.39	0.00	0.00	0.00	O
-1	410101	49.48	0.00	0.00	0.00	O
-1	420101	26.37	0.00	0.00	0.00	O
-1	430101	41.31	0.00	0.00	0.00	O
-1	440101	78.03	0.00	0.00	0.00	O
-1	450101	36.61	0.00	0.00	0.00	O
-1	460101	29.60	0.00	0.00	0.00	O
-1	470101	25.21	0.00	0.00	0.00	O
-1	480101	21.45	0.00	0.00	0.00	O
-1	490101	17.03	0.00	0.00	0.00	O
-1	500101	11.01	0.00	0.00	0.00	O
-1	510101	9.37	0.00	0.00	0.00	O
-1	520101	8.73	0.00	0.00	0.00	O
-1	530101	7.40	0.00	0.00	0.00	O
-1	540101	6.56	0.00	0.00	0.00	O
-1	550101	24.26	0.00	0.00	0.00	O
-1	560101	18.25	0.00	0.00	0.00	O
-1	570101	10.16	0.00	0.00	0.00	O
-1	580101	9.30	0.00	0.00	0.00	O
-1	590101	6.33	0.00	0.00	0.00	O
-1	600101	5.37	0.00	0.00	0.00	O
-1	610101	2.94	0.00	0.00	0.00	O
-1	620101	0.00	0.00	0.00	450.00	WI
-1	630101	0.00	0.00	0.00	450.00	WI
-1	640101	0.00	0.00	0.00	450.00	WI
-1	650101	0.00	0.00	0.00	450.00	WI
-1	660101	0.00	0.00	0.00	450.00	WI
-1	670101	0.00	0.00	0.00	450.00	WI
-1	680101	0.00	0.00	0.00	450.00	WI
-1	690101	0.00	0.00	0.00	450.00	WI
-1	700101	0.00	0.00	0.00	400.00	WI
-1	710101	0.00	0.00	0.00	400.00	WI
-1	720101	0.00	0.00	0.00	400.00	WI
-1	730101	0.00	0.00	0.00	400.00	WI
-1	740101	0.00	0.00	0.00	400.00	WI
-1	750101	0.00	0.00	0.00	400.00	WI
-1	760101	0.00	0.00	0.00	400.00	WI
-1	770101	0.00	0.00	0.00	400.00	WI
-1	780101	0.00	0.00	0.00	400.00	WI
-1	790101	0.00	0.00	0.00	400.00	WI
-1	800101	0.00	0.00	0.00	400.00	WI
-1	810101	0.00	0.00	0.00	395.00	WI
-1	820101	0.00	0.00	0.00	390.00	WI
-1	830101	0.00	0.00	0.00	377.00	WI
-1	840101	0.00	0.00	0.00	387.00	WI
-1	850101	0.00	0.00	0.00	379.00	WI
-1	860101	0.00	0.00	0.00	379.00	WI
1	870101	0.00	0.00	0.00	352.00	WI

L E	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
1	400101	8.39	0.00	0.00	0.00	O
1	410101	49.48	0.00	0.00	0.00	O
1	420101	26.37	0.00	0.00	0.00	O
1	430101	41.31	0.00	0.00	0.00	O
1	440101	78.03	0.00	0.00	0.00	O
1	450101	36.61	0.00	0.00	0.00	O
1	460101	29.60	0.00	0.00	0.00	O
1	470101	25.21	0.00	0.00	0.00	O
1	480101	21.45	0.00	0.00	0.00	O
1	490101	17.03	0.00	0.00	0.00	O
1	500101	11.01	0.00	0.00	0.00	O
1	510101	9.37	0.00	0.00	0.00	O
1	520101	8.73	0.00	0.00	0.00	O
1	530101	7.40	0.00	0.00	0.00	O
1	540101	6.56	0.00	0.00	0.00	O
1	550101	24.26	0.00	0.00	0.00	O
1	560101	18.25	0.00	0.00	0.00	O
1	570101	10.16	0.00	0.00	0.00	O
1	580101	9.30	0.00	0.00	0.00	O
1	590101	6.33	0.00	0.00	0.00	O
1	600101	5.37	0.00	0.00	0.00	O
1	610101	2.94	0.00	0.00	0.00	O
1	620101	0.00	0.00	0.00	450.00	WI
1	630101	0.00	0.00	0.00	450.00	WI
1	640101	0.00	0.00	0.00	450.00	WI
1	650101	0.00	0.00	0.00	450.00	WI
1	660101	0.00	0.00	0.00	450.00	WI
1	670101	0.00	0.00	0.00	450.00	WI
1	680101	0.00	0.00	0.00	450.00	WI
1	690101	0.00	0.00	0.00	450.00	WI
1	700101	0.00	0.00	0.00	400.00	WI
1	710101	0.00	0.00	0.00	400.00	WI
1	720101	0.00	0.00	0.00	400.00	WI
1	730101	0.00	0.00	0.00	400.00	WI
1	740101	0.00	0.00	0.00	400.00	WI
1	750101	0.00	0.00	0.00	400.00	WI
1	760101	0.00	0.00	0.00	400.00	WI
1	770101	0.00	0.00	0.00	400.00	WI
1	780101	0.00	0.00	0.00	400.00	WI
1	790101	0.00	0.00	0.00	400.00	WI
1	800101	0.00	0.00	0.00	400.00	WI
1	810101	0.00	0.00	0.00	395.00	WI
1	820101	0.00	0.00	0.00	390.00	WI
1	830101	0.00	0.00	0.00	377.00	WI
1	840101	0.00	0.00	0.00	387.00	WI
1	850101	0.00	0.00	0.00	379.00	WI
1	860101	0.00	0.00	0.00	379.00	WI
1	870101	0.00	0.00	0.00	352.00	WI
1	880101	0.00	0.00	0.00	362.00	WI
1	890101	0.00	0.00	0.00	386.00	WI
1	900101	0.00	0.00	0.00	290.00	WI
1	910101	0.00	0.00	0.00	236.00	WI
1	920101	0.00	0.00	0.00	217.00	WI
1	930101	0.00	0.00	0.00	175.00	WI
1	940101	0.00	0.00	0.00	354.92	WI
1	950101	0.00	0.00	0.00	274.00	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2	400101	6.53	0.00	0.00	0.00	O
-2	410101	19.79	0.00	0.00	0.00	O
-2	420101	10.55	0.00	0.00	0.00	O
-2	430101	16.52	0.00	0.00	0.00	O
-2	440101	31.21	0.00	0.00	0.00	O
-2	450101	14.64	0.00	0.00	0.00	O
-2	460101	9.87	0.00	0.00	0.00	O
-2	470101	8.40	0.00	0.00	0.00	O
-2	480101	7.15	0.00	0.00	0.00	O
-2	490101	5.68	0.00	0.00	0.00	O
-2	500101	7.71	0.00	0.00	0.00	O
-2	510101	6.56	0.00	0.00	0.00	O
-2	520101	6.11	0.00	0.00	0.00	O
-2	530101	5.18	0.00	0.00	0.00	O
-2	540101	4.59	0.00	0.00	0.00	O
-2	550101	28.53	0.00	0.00	0.00	O
-2	560101	21.47	0.00	0.00	0.00	O
-2	570101	11.94	0.00	0.00	0.00	O
-2	580101	10.94	0.00	0.00	0.00	O
-2	590101	7.45	0.00	0.00	0.00	O
-2	600101	6.32	0.00	0.00	0.00	O
-2	610101	3.52	0.00	0.00	0.00	O
-2	620101	0.00	0.00	0.00	450.00	WI
-2	630101	0.00	0.00	0.00	450.00	WI
-2	640101	0.00	0.00	0.00	450.00	WI
-2	650101	0.00	0.00	0.00	450.00	WI
-2	660101	0.00	0.00	0.00	450.00	WI
-2	670101	0.00	0.00	0.00	450.00	WI
-2	680101	0.00	0.00	0.00	450.00	WI
-2	690101	0.00	0.00	0.00	450.00	WI
-2	700101	0.00	0.00	0.00	400.00	WI
-2	710101	0.00	0.00	0.00	400.00	WI
-2	720101	0.00	0.00	0.00	400.00	WI
-2	730101	0.00	0.00	0.00	400.00	WI
-2	740101	0.00	0.00	0.00	400.00	WI
-2	750101	0.00	0.00	0.00	400.00	WI
-2	760101	0.00	0.00	0.00	400.00	WI
-2	770101	0.00	0.00	0.00	400.00	WI
-2	780101	0.00	0.00	0.00	400.00	WI
-2	790101	0.00	0.00	0.00	400.00	WI
-2	800101	0.00	0.00	0.00	400.00	WI
-2	810101	0.00	0.00	0.00	390.00	WI
-2	820101	0.00	0.00	0.00	388.00	WI
-2	830101	0.00	0.00	0.00	375.00	WI
-2	840101	0.00	0.00	0.00	381.00	WI
-2	850101	0.00	0.00	0.00	323.00	WI
-2	860101	0.00	0.00	0.00	401.00	WI
-2	870101	0.00	0.00	0.00	323.00	WI
-2	880101	0.00	0.00	0.00	338.00	WI
-2	890101	0.00	0.00	0.00	388.00	WI
-2	900101	0.00	0.00	0.00	333.00	WI
-2	910101	0.00	0.00	0.00	194.00	WI
-2	920101	0.00	0.00	0.00	182.00	WI
-2	930101	0.00	0.00	0.00	158.00	WI
-2	940101	0.00	0.00	0.00	152.00	WI

-2

950101

0.00

0.00

0.00

0.00

WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-3X	610101	13.21	0.00	0.00	0.00	O
-3X	620101	30.59	0.00	0.00	0.00	O
-3X	630101	18.68	0.00	0.00	0.00	O
-3X	640101	16.43	0.00	0.00	0.00	O
-3X	650101	16.00	0.00	0.00	0.00	O
-3X	660101	37.41	0.00	0.00	0.00	O
-3X	670101	32.33	0.00	0.00	0.00	O
-3X	680101	23.36	0.00	0.00	0.00	O
-3X	690101	14.80	0.00	0.00	0.00	O
-3X	700101	10.93	0.00	0.00	0.00	O
-3X	710101	4.05	0.00	0.00	0.00	O
-3X	720101	21.38	0.00	0.00	0.00	O
-3X	730101	28.28	0.00	0.00	0.00	O
-3X	740101	20.49	0.00	0.00	0.00	O
-3X	750101	20.91	0.00	0.00	0.00	O
-3X	760101	21.94	0.00	0.00	0.00	O
-3X	770101	23.63	0.00	0.00	0.00	O
-3X	780101	21.66	0.00	0.00	0.00	O
-3X	790101	21.45	0.00	0.00	0.00	O
-3X	800101	20.12	0.00	0.00	0.00	O
-3X	810101	27.47	0.00	0.00	0.00	O
-3X	820101	18.35	0.00	0.00	0.00	O
-3X	830101	15.44	0.00	0.00	0.00	O
-3X	840101	14.71	0.00	0.00	0.00	O
-3X	850101	6.00	0.00	0.00	0.00	O
-3X	860101	5.25	0.00	0.00	0.00	O
-3X	870101	6.19	0.00	0.00	0.00	O
-3X	880101	5.94	0.00	0.00	0.00	O
-3X	890101	3.62	0.00	0.00	0.00	O
-3X	900101	3.44	0.00	0.00	0.00	O
-3X	910101	3.12	0.00	0.00	0.00	O
-3X	920101	2.80	0.00	0.00	0.00	O
-3X	930101	0.00	0.00	0.00	0.00	O
-3X	940101	0.00	0.00	0.00	0.00	O
-3X	950101	0.00	0.00	0.00	204.38	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-4	710101	10.13	0.00	0.00	0.00	O
-4	720101	53.45	0.00	0.00	0.00	O
-4	730101	9.53	0.00	0.00	0.00	O
-4	740101	6.89	0.00	0.00	0.00	O
-4	750101	7.04	0.00	0.00	0.00	O
-4	760101	7.38	0.00	0.00	0.00	O
-4	770101	7.95	0.00	0.00	0.00	O
-4	780101	7.29	0.00	0.00	0.00	O
-4	790101	7.24	0.00	0.00	0.00	O
-4	800101	6.78	0.00	0.00	0.00	O
-4	810101	9.26	0.00	0.00	0.00	O
-4	820101	6.19	0.00	0.00	0.00	O
-4	830101	5.20	0.00	0.00	0.00	O
-4	840101	4.96	0.00	0.00	0.00	O
-4	850101	3.78	0.00	0.00	0.00	O
-4	860101	3.31	0.00	0.00	0.00	O
-4	870101	3.95	0.00	0.00	0.00	O
-4	880101	3.74	0.00	0.00	0.00	O
-4	890101	2.23	0.00	0.00	0.00	O
-4	900101	2.13	0.00	0.00	0.00	O
-4	910101	1.93	0.00	0.00	0.00	O
-4	920101	1.73	0.00	0.00	0.00	O
-4	930101	0.00	0.00	0.00	0.00	O
-4	940101	0.00	0.00	0.00	0.00	O
-4	950101	0.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-5	710101	4.05	0.00	0.00	0.00	O
-5	720101	21.38	0.00	0.00	0.00	O
-5	730101	8.28	0.00	0.00	0.00	O
-5	740101	6.00	0.00	0.00	0.00	O
-5	750101	6.12	0.00	0.00	0.00	O
-5	760101	6.42	0.00	0.00	0.00	O
-5	770101	6.92	0.00	0.00	0.00	O
-5	780101	6.34	0.00	0.00	0.00	O
-5	790101	6.44	0.00	0.00	0.00	O
-5	800101	6.04	0.00	0.00	0.00	O
-5	810101	8.25	0.00	0.00	0.00	O
-5	820101	5.51	0.00	0.00	0.00	O
-5	830101	4.63	0.00	0.00	0.00	O
-5	840101	4.42	0.00	0.00	0.00	O
-5	850101	4.00	0.00	0.00	0.00	O
-5	860101	3.50	0.00	0.00	0.00	O
-5	870101	4.13	0.00	0.00	0.00	O
-5	880101	3.96	0.00	0.00	0.00	O
-5	890101	1.95	0.00	0.00	0.00	O
-5	900101	1.86	0.00	0.00	0.00	O
-5	910101	1.68	0.00	0.00	0.00	O
-5	920101	1.51	0.00	0.00	0.00	O
-5	930101	1.65	0.00	0.00	0.00	O
-5	940101	1.41	0.00	0.00	0.00	O
-5	950101	2.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-6	730101	17.30	0.00	0.00	0.00	O
-6	740101	12.53	0.00	0.00	0.00	O
-6	750101	12.79	0.00	0.00	0.00	O
-6	760101	13.41	0.00	0.00	0.00	O
-6	770101	14.45	0.00	0.00	0.00	O
-6	780101	13.24	0.00	0.00	0.00	O
-6	790101	13.13	0.00	0.00	0.00	O
-6	800101	12.32	0.00	0.00	0.00	O
-6	810101	16.82	0.00	0.00	0.00	O
-6	820101	11.24	0.00	0.00	0.00	O
-6	830101	9.45	0.00	0.00	0.00	O
-6	840101	9.01	0.00	0.00	0.00	O
-6	850101	20.01	0.00	0.00	0.00	O
-6	860101	17.50	0.00	0.00	0.00	O
-6	870101	20.63	0.00	0.00	0.00	O
-6	880101	19.80	0.00	0.00	0.00	O
-6	890101	20.36	0.00	0.00	0.00	O
-6	900101	19.36	0.00	0.00	0.00	O
-6	910101	17.55	0.00	0.00	0.00	O
-6	920101	15.72	0.00	0.00	0.00	O
-6	930101	14.85	0.00	0.00	0.00	O
-6	940101	12.64	0.00	0.00	0.00	O
-6	950101	22.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-7	730101	45.82	0.00	0.00	0.00	O
-7	740101	33.19	0.00	0.00	0.00	O
-7	750101	33.87	0.00	0.00	0.00	O
-7	760101	35.54	0.00	0.00	0.00	O
-7	770101	38.28	0.00	0.00	0.00	O
-7	780101	35.09	0.00	0.00	0.00	O
-7	790101	34.83	0.00	0.00	0.00	O
-7	800101	32.68	0.00	0.00	0.00	O
-7	810101	44.62	0.00	0.00	0.00	O
-7	820101	29.81	0.00	0.00	0.00	O
-7	830101	25.07	0.00	0.00	0.00	O
-7	840101	23.89	0.00	0.00	0.00	O
-7	850101	17.78	0.00	0.00	0.00	O
-7	860101	15.55	0.00	0.00	0.00	O
-7	870101	18.34	0.00	0.00	0.00	O
-7	880101	17.60	0.00	0.00	0.00	O
-7	890101	11.43	0.00	0.00	0.00	O
-7	900101	10.87	0.00	0.00	0.00	O
-7	910101	9.86	0.00	0.00	0.00	O
-7	920101	8.83	0.00	0.00	0.00	O
-7	930101	7.70	0.00	0.00	0.00	O
-7	940101	6.55	0.00	0.00	0.00	O
-7	950101	12.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-8	790101	12.99	0.00	0.00	0.00	O
-8	800101	12.18	0.00	0.00	0.00	O
-8	810101	16.63	0.00	0.00	0.00	O
-8	820101	11.11	0.00	0.00	0.00	O
-8	830101	9.35	0.00	0.00	0.00	O
-8	840101	8.91	0.00	0.00	0.00	O
-8	850101	8.98	0.00	0.00	0.00	O
-8	860101	7.85	0.00	0.00	0.00	O
-8	870101	9.26	0.00	0.00	0.00	O
-8	880101	8.89	0.00	0.00	0.00	O
-8	890101	10.60	0.00	0.00	0.00	O
-8	900101	10.08	0.00	0.00	0.00	O
-8	910101	9.14	0.00	0.00	0.00	O
-8	920101	8.19	0.00	0.00	0.00	O
-8	930101	6.60	0.00	0.00	0.00	O
-8	940101	5.62	0.00	0.00	0.00	O
-8	950101	5.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-9	790101	33.78	0.00	0.00	0.00	O
-9	800101	31.69	0.00	0.00	0.00	O
-9	810101	43.26	0.00	0.00	0.00	O
-9	820101	28.91	0.00	0.00	0.00	O
-9	830101	24.31	0.00	0.00	0.00	O
-9	840101	23.17	0.00	0.00	0.00	O
-9	850101	16.46	0.00	0.00	0.00	O
-9	860101	14.40	0.00	0.00	0.00	O
-9	870101	16.97	0.00	0.00	0.00	O
-9	880101	16.29	0.00	0.00	0.00	O
-9	890101	10.04	0.00	0.00	0.00	O
-9	900101	9.55	0.00	0.00	0.00	O
-9	910101	8.66	0.00	0.00	0.00	O
-9	920101	7.76	0.00	0.00	0.00	O
-9	930101	8.25	0.00	0.00	0.00	O
-9	940101	7.02	0.00	0.00	0.00	O
-9	950101	6.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-P1	400101	12.72	0.00	0.00	0.00	O
-P1	410101	47.25	0.00	0.00	0.00	O
-P1	420101	25.03	0.00	0.00	0.00	O
-P1	430101	40.07	0.00	0.00	0.00	O
-P1	440101	77.60	0.00	0.00	0.00	O
-P1	450101	60.18	0.00	0.00	0.00	O
-P1	460101	46.63	0.00	0.00	0.00	O
-P1	470101	37.77	0.00	0.00	0.00	O
-P1	480101	30.00	0.00	0.00	0.00	O
-P1	490101	17.56	0.00	0.00	0.00	O
-P1	500101	21.87	0.00	0.00	0.00	O
-P1	510101	27.52	0.00	0.00	0.00	O
-P1	520101	45.65	0.00	0.00	0.00	O
-P1	530101	26.13	0.00	0.00	0.00	O
-P1	540101	22.47	0.00	0.00	0.00	O
-P1	550101	39.37	0.00	0.00	0.00	O
-P1	560101	40.14	0.00	0.00	0.00	O
-P1	570101	28.31	0.00	0.00	0.00	O
-P1	580101	17.40	0.00	0.00	0.00	O
-P1	590101	14.75	0.00	0.00	0.00	O
-P1	600101	12.76	0.00	0.00	0.00	O
-P1	610101	9.69	0.00	0.00	0.00	O
-P1	620101	21.64	0.00	0.00	0.00	O
-P1	630101	13.21	0.00	0.00	0.00	O
-P1	640101	11.62	0.00	0.00	0.00	O
-P1	650101	11.32	0.00	0.00	0.00	O
-P1	660101	26.46	0.00	0.00	0.00	O
-P1	670101	22.87	0.00	0.00	0.00	O
-P1	680101	16.52	0.00	0.00	0.00	O
-P1	690101	10.47	0.00	0.00	0.00	O
-P1	700101	7.73	0.00	0.00	0.00	O
-P1	710101	2.03	0.00	0.00	0.00	O
-P1	720101	10.69	0.00	0.00	0.00	O
-P1	730101	12.35	0.00	0.00	0.00	O
-P1	740101	8.95	0.00	0.00	0.00	O
-P1	750101	9.13	0.00	0.00	0.00	O
-P1	760101	9.58	0.00	0.00	0.00	O
-P1	770101	10.32	0.00	0.00	0.00	O
-P1	780101	9.46	0.00	0.00	0.00	O
-P1	790101	4.03	0.00	0.00	0.00	O
-P1	800101	3.78	0.00	0.00	0.00	O
-P1	810101	5.16	0.00	0.00	0.00	O
-P1	820101	3.45	0.00	0.00	0.00	O
-P1	830101	2.90	0.00	0.00	0.00	O
-P1	840101	2.76	0.00	0.00	0.00	O
-P1	850101	0.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-P2	700101	0.00	0.00	0.00	100.00	WI
-P2	710101	0.00	0.00	0.00	200.00	WI
-P2	720101	0.00	0.00	0.00	200.00	WI
-P2	730101	0.00	0.00	0.00	200.00	WI
-P2	740101	0.00	0.00	0.00	200.00	WI
-P2	750101	0.00	0.00	0.00	200.00	WI
-P2	760101	0.00	0.00	0.00	200.00	WI
-P2	770101	0.00	0.00	0.00	200.00	WI
-P2	780101	0.00	0.00	0.00	200.00	WI
-P2	790101	0.00	0.00	0.00	200.00	WI
-P2	800101	0.00	0.00	0.00	200.00	WI
-P2	810101	0.00	0.00	0.00	200.00	WI
-P2	820101	0.00	0.00	0.00	200.00	WI
-P2	830101	0.00	0.00	0.00	190.00	WI
-P2	840101	0.00	0.00	0.00	190.00	WI
-P2	850101	0.00	0.00	0.00	190.00	WI
-P2	860101	0.00	0.00	0.00	190.00	WI
-P2	870101	0.00	0.00	0.00	175.00	WI
-P2	880101	0.00	0.00	0.00	175.00	WI
-P2	890101	0.00	0.00	0.00	175.00	WI
-P2	900101	0.00	0.00	0.00	0.00	WI
-P2	910101	0.00	0.00	0.00	0.00	WI
-P2	920101	0.00	0.00	0.00	0.00	WI
-P2	930101	0.00	0.00	0.00	0.00	WI
-P2	940101	0.00	0.00	0.00	0.00	WI
-P2	950101	0.00	0.00	0.00	0.00	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	951001	25.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	410101	23.41	0.00	0.00	0.00	O
-1	420101	8.24	0.00	0.00	0.00	O
-1	430101	9.31	0.00	0.00	0.00	O
-1	440101	9.57	0.00	0.00	0.00	O
-1	450101	7.11	0.00	0.00	0.00	O
-1	460101	5.89	0.00	0.00	0.00	O
-1	470101	5.56	0.00	0.00	0.00	O
-1	480101	4.62	0.00	0.00	0.00	O
-1	490101	3.33	0.00	0.00	0.00	O
-1	500101	3.88	0.00	0.00	0.00	O
-1	510101	3.32	0.00	0.00	0.00	O
-1	520101	3.10	0.00	0.00	0.00	O
-1	530101	2.73	0.00	0.00	0.00	O
-1	540101	3.53	0.00	0.00	0.00	O
-1	550101	21.03	0.00	0.00	0.00	O
-1	560101	8.04	0.00	0.00	0.00	O
-1	570101	5.64	0.00	0.00	0.00	O
-1	580101	4.34	0.00	0.00	0.00	O
-1	590101	3.45	0.00	0.00	0.00	O
-1	600101	3.52	0.00	0.00	0.00	O
-1	610101	2.67	0.00	0.00	0.00	O
-1	620101	0.00	0.00	0.00	450.00	WI
-1	630101	0.00	0.00	0.00	450.00	WI
-1	640101	0.00	0.00	0.00	450.00	WI
-1	650101	0.00	0.00	0.00	450.00	WI
-1	660101	0.00	0.00	0.00	450.00	WI
-1	670101	0.00	0.00	0.00	450.00	WI
-1	680101	0.00	0.00	0.00	450.00	WI
-1	690101	0.00	0.00	0.00	450.00	WI
-1	700101	0.00	0.00	0.00	400.00	WI
-1	710101	0.00	0.00	0.00	400.00	WI
-1	720101	0.00	0.00	0.00	400.00	WI
-1	730101	0.00	0.00	0.00	400.00	WI
-1	740101	0.00	0.00	0.00	400.00	WI
-1	750101	0.00	0.00	0.00	400.00	WI
-1	760101	0.00	0.00	0.00	400.00	WI
-1	770101	0.00	0.00	0.00	400.00	WI
-1	780101	0.00	0.00	0.00	400.00	WI
-1	790101	0.00	0.00	0.00	400.00	WI
-1	800101	0.00	0.00	0.00	390.00	WI
-1	810101	0.00	0.00	0.00	385.00	WI
-1	820101	0.00	0.00	0.00	384.00	WI
-1	830101	0.00	0.00	0.00	370.00	WI
-1	840101	0.00	0.00	0.00	315.00	WI
-1	850101	0.00	0.00	0.00	246.00	WI
-1	860101	0.00	0.00	0.00	356.00	WI
-1	870101	0.00	0.00	0.00	313.00	WI
-1	880101	0.00	0.00	0.00	322.00	WI
-1	890101	0.00	0.00	0.00	276.00	WI
-1	900101	0.00	0.00	0.00	249.00	WI
-1	910101	0.00	0.00	0.00	166.00	WI
-1	920101	0.00	0.00	0.00	214.00	WI
-1	930101	0.00	0.00	0.00	116.00	WI
-1	940101	0.00	0.00	0.00	179.48	WI
-1	950101	0.00	0.00	0.00	231.10	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-10	820101	5.58	0.00	0.00	0.00	O
-10	830101	4.47	0.00	0.00	0.00	O
-10	840101	4.99	0.00	0.00	0.00	O
-10	850101	5.70	0.00	0.00	0.00	O
-10	860101	4.58	0.00	0.00	0.00	O
-10	870101	2.87	0.00	0.00	0.00	O
-10	880101	5.19	0.00	0.00	0.00	O
-10	890101	6.74	0.00	0.00	0.00	O
-10	900101	5.11	0.00	0.00	0.00	O
-10	910101	3.08	0.00	0.00	0.00	O
-10	920101	3.56	0.00	0.00	0.00	O
-10	930101	3.38	0.00	0.00	0.00	O
-10	940101	2.85	0.00	0.00	0.00	O
-10	950101	2.50	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2	410101	46.81	0.00	0.00	0.00	O
-2	420101	13.74	0.00	0.00	0.00	O
-2	430101	15.51	0.00	0.00	0.00	O
-2	440101	15.95	0.00	0.00	0.00	O
-2	450101	11.86	0.00	0.00	0.00	O
-2	460101	9.67	0.00	0.00	0.00	O
-2	470101	9.13	0.00	0.00	0.00	O
-2	480101	7.59	0.00	0.00	0.00	O
-2	490101	5.46	0.00	0.00	0.00	O
-2	500101	6.37	0.00	0.00	0.00	O
-2	510101	4.78	0.00	0.00	0.00	O
-2	520101	4.46	0.00	0.00	0.00	O
-2	530101	3.92	0.00	0.00	0.00	O
-2	540101	5.07	0.00	0.00	0.00	O
-2	550101	19.57	0.00	0.00	0.00	O
-2	560101	7.48	0.00	0.00	0.00	O
-2	570101	5.25	0.00	0.00	0.00	O
-2	580101	4.04	0.00	0.00	0.00	O
-2	590101	2.94	0.00	0.00	0.00	O
-2	600101	3.00	0.00	0.00	0.00	O
-2	610101	2.28	0.00	0.00	0.00	O
-2	620101	3.25	0.00	0.00	0.00	O
-2	630101	13.86	0.00	0.00	0.00	O
-2	640101	12.90	0.00	0.00	0.00	O
-2	650101	7.92	0.00	0.00	0.00	O
-2	660101	7.71	0.00	0.00	0.00	O
-2	670101	4.59	0.00	0.00	0.00	O
-2	680101	3.26	0.00	0.00	0.00	O
-2	690101	3.12	0.00	0.00	0.00	O
-2	700101	2.29	0.00	0.00	0.00	O
-2	710101	2.18	0.00	0.00	0.00	O
-2	720101	2.64	0.00	0.00	0.00	O
-2	730101	6.05	0.00	0.00	0.00	O
-2	740101	7.82	0.00	0.00	0.00	O
-2	750101	5.70	0.00	0.00	0.00	O
-2	760101	6.96	0.00	0.00	0.00	O
-2	770101	8.18	0.00	0.00	0.00	O
-2	780101	6.94	0.00	0.00	0.00	O
-2	790101	3.08	0.00	0.00	0.00	O
-2	800101	1.55	0.00	0.00	0.00	O
-2	810101	5.33	0.00	0.00	0.00	O
-2	820101	0.00	0.00	0.00	0.00	O

oSpectrum, Inc.

Well Production Data

22 January 1996

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-3	410101	14.04	0.00	0.00	0.00	O
-3	420101	34.35	0.00	0.00	0.00	O
-3	430101	38.78	0.00	0.00	0.00	O
-3	440101	39.87	0.00	0.00	0.00	O
-3	450101	29.65	0.00	0.00	0.00	O
-3	460101	23.96	0.00	0.00	0.00	O
-3	470101	22.63	0.00	0.00	0.00	O
-3	480101	18.82	0.00	0.00	0.00	O
-3	490101	13.54	0.00	0.00	0.00	O
-3	500101	15.79	0.00	0.00	0.00	O
-3	510101	6.23	0.00	0.00	0.00	O
-3	520101	5.82	0.00	0.00	0.00	O
-3	530101	5.12	0.00	0.00	0.00	O
-3	540101	6.61	0.00	0.00	0.00	O
-3	550101	39.13	0.00	0.00	0.00	O
-3	560101	14.96	0.00	0.00	0.00	O
-3	570101	10.49	0.00	0.00	0.00	O
-3	580101	8.08	0.00	0.00	0.00	O
-3	590101	3.36	0.00	0.00	0.00	O
-3	600101	3.43	0.00	0.00	0.00	O
-3	610101	2.61	0.00	0.00	0.00	O
-3	620101	3.04	0.00	0.00	0.00	O
-3	630101	12.94	0.00	0.00	0.00	O
-3	640101	12.04	0.00	0.00	0.00	O
-3	650101	7.39	0.00	0.00	0.00	O
-3	660101	7.20	0.00	0.00	0.00	O
-3	670101	4.28	0.00	0.00	0.00	O
-3	680101	6.85	0.00	0.00	0.00	O
-3	690101	6.55	0.00	0.00	0.00	O
-3	700101	4.81	0.00	0.00	0.00	O
-3	710101	4.57	0.00	0.00	0.00	O
-3	720101	5.54	0.00	0.00	0.00	O
-3	730101	11.34	0.00	0.00	0.00	O
-3	740101	14.65	0.00	0.00	0.00	O
-3	750101	10.68	0.00	0.00	0.00	O
-3	760101	13.05	0.00	0.00	0.00	O
-3	770101	15.33	0.00	0.00	0.00	O
-3	780101	13.01	0.00	0.00	0.00	O
-3	790101	9.23	0.00	0.00	0.00	O
-3	800101	4.64	0.00	0.00	0.00	O
-3	810101	15.99	0.00	0.00	0.00	O
-3	820101	0.00	0.00	0.00	0.00	O

oSpectrum, Inc.

Well Production Data

22 January 1996

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-4	410101	4.68	0.00	0.00	0.00	O
-4	420101	3.44	0.00	0.00	0.00	O
-4	430101	3.88	0.00	0.00	0.00	O
-4	440101	3.99	0.00	0.00	0.00	O
-4	450101	2.97	0.00	0.00	0.00	O
-4	460101	2.52	0.00	0.00	0.00	O
-4	470101	2.38	0.00	0.00	0.00	O

;-4	480101	1.98	0.00	0.00	0.00	0
;-4	490101	1.43	0.00	0.00	0.00	0
;-4	500101	1.66	0.00	0.00	0.00	0
;-4	510101	3.54	0.00	0.00	0.00	0
;-4	520101	3.30	0.00	0.00	0.00	0
;-4	530101	2.90	0.00	0.00	0.00	0
;-4	540101	3.75	0.00	0.00	0.00	0
;-4	550101	5.87	0.00	0.00	0.00	0
;-4	560101	2.24	0.00	0.00	0.00	0
;-4	570101	1.57	0.00	0.00	0.00	0
;-4	580101	1.21	0.00	0.00	0.00	0
;-4	590101	0.84	0.00	0.00	0.00	0
;-4	600101	0.86	0.00	0.00	0.00	0
;-4	610101	0.65	0.00	0.00	0.00	0
;-4	620101	1.73	0.00	0.00	0.00	0
;-4	630101	7.39	0.00	0.00	0.00	0
;-4	640101	6.88	0.00	0.00	0.00	0
;-4	650101	4.22	0.00	0.00	0.00	0
;-4	660101	4.11	0.00	0.00	0.00	0
;-4	670101	2.45	0.00	0.00	0.00	0
;-4	680101	4.89	0.00	0.00	0.00	0
;-4	690101	4.68	0.00	0.00	0.00	0
;-4	700101	3.44	0.00	0.00	0.00	0
;-4	710101	3.27	0.00	0.00	0.00	0
;-4	720101	3.96	0.00	0.00	0.00	0
;-4	730101	9.07	0.00	0.00	0.00	0
;-4	740101	11.72	0.00	0.00	0.00	0
;-4	750101	8.55	0.00	0.00	0.00	0
;-4	760101	10.44	0.00	0.00	0.00	0
;-4	770101	12.27	0.00	0.00	0.00	0
;-4	780101	10.41	0.00	0.00	0.00	0
;-4	790101	6.15	0.00	0.00	0.00	0
;-4	800101	3.09	0.00	0.00	0.00	0
;-4	810101	10.66	0.00	0.00	0.00	0
;-4	820101	0.00	0.00	0.00	0.00	0

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-5	730101	7.56	0.00	0.00	0.00	O
-5	740101	9.77	0.00	0.00	0.00	O
-5	750101	7.12	0.00	0.00	0.00	O
-5	760101	8.72	0.00	0.00	0.00	O
-5	770101	10.22	0.00	0.00	0.00	O
-5	780101	8.67	0.00	0.00	0.00	O
-5	790101	3.08	0.00	0.00	0.00	O
-5	800101	1.55	0.00	0.00	0.00	O
-5	810101	5.33	0.00	0.00	0.00	O
-5	820101	0.00	0.00	0.00	276.00	WI
-5	830101	0.00	0.00	0.00	235.00	WI
-5	840101	0.00	0.00	0.00	255.00	WI
-5	850101	0.00	0.00	0.00	229.00	WI
-5	860101	0.00	0.00	0.00	345.00	WI
-5	870101	0.00	0.00	0.00	318.00	WI
-5	880101	0.00	0.00	0.00	289.00	WI
-5	890101	0.00	0.00	0.00	212.00	WI
-5	900101	0.00	0.00	0.00	310.00	WI
-5	910101	0.00	0.00	0.00	125.00	WI
-5	920101	0.00	0.00	0.00	565.00	WI
-5	930101	0.00	0.00	0.00	70.00	WI
-5	940101	0.00	0.00	0.00	129.06	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-6	790101	6.15	0.00	0.00	0.00	O
-6	800101	3.10	0.00	0.00	0.00	O
-6	810101	10.67	0.00	0.00	0.00	O
-6	820101	0.00	0.00	0.00	181.00	WI
-6	830101	0.00	0.00	0.00	135.00	WI
-6	840101	0.00	0.00	0.00	230.00	WI
-6	850101	0.00	0.00	0.00	220.00	WI
-6	860101	0.00	0.00	0.00	355.00	WI
-6	870101	0.00	0.00	0.00	380.00	WI
-6	880101	0.00	0.00	0.00	361.00	WI
-6	890101	0.00	0.00	0.00	239.00	WI
-6	900101	0.00	0.00	0.00	287.00	WI
-6	910101	0.00	0.00	0.00	221.00	WI
-6	920101	0.00	0.00	0.00	107.00	WI
-6	930101	0.00	0.00	0.00	80.00	WI
-6	940101	0.00	0.00	0.00	102.85	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-7	820101	18.91	0.00	0.00	0.00	O
-7	830101	16.09	0.00	0.00	0.00	O
-7	840101	16.91	0.00	0.00	0.00	O
-7	850101	19.32	0.00	0.00	0.00	O
-7	860101	15.55	0.00	0.00	0.00	O
-7	870101	9.73	0.00	0.00	0.00	O
-7	880101	7.79	0.00	0.00	0.00	O
-7	890101	10.11	0.00	0.00	0.00	O
-7	900101	7.67	0.00	0.00	0.00	O
-7	910101	4.61	0.00	0.00	0.00	O
-7	920101	5.34	0.00	0.00	0.00	O
-7	930101	5.08	0.00	0.00	0.00	O
-7	940101	4.28	0.00	0.00	0.00	O
-7	950101	4.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
3-8	820101	28.21	0.00	0.00	0.00	O
3-8	830101	24.01	0.00	0.00	0.00	O
3-8	840101	25.23	0.00	0.00	0.00	O
3-8	850101	28.83	0.00	0.00	0.00	O
3-8	860101	23.20	0.00	0.00	0.00	O
3-8	870101	20.52	0.00	0.00	0.00	O
3-8	880101	13.00	0.00	0.00	0.00	O
3-8	890101	11.23	0.00	0.00	0.00	O
3-8	900101	8.52	0.00	0.00	0.00	O
3-8	910101	5.13	0.00	0.00	0.00	O
3-8	920101	5.94	0.00	0.00	0.00	O
3-8	930101	5.64	0.00	0.00	0.00	O
3-8	940101	4.76	0.00	0.00	0.00	O
3-8	950101	5.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-9	820101	18.60	0.00	0.00	0.00	O
-9	830101	15.83	0.00	0.00	0.00	O
-9	840101	16.64	0.00	0.00	0.00	O
-9	850101	19.01	0.00	0.00	0.00	O
-9	860101	15.34	0.00	0.00	0.00	O
-9	870101	9.57	0.00	0.00	0.00	O
-9	880101	4.33	0.00	0.00	0.00	O
-9	890101	5.62	0.00	0.00	0.00	O
-9	900101	4.26	0.00	0.00	0.00	O
-9	910101	2.56	0.00	0.00	0.00	O
-9	920101	2.97	0.00	0.00	0.00	O
-9	930101	2.82	0.00	0.00	0.00	O
-9	940101	2.38	0.00	0.00	0.00	O
-9	950101	2.50	0.00	0.00	0.00	O

Spectrum, Inc.

Well Production Data

22 January 1996

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
2-6	700101	0.00	0.00	0.00	400.00	WI
2-6	710101	0.00	0.00	0.00	400.00	WI
2-6	720101	0.00	0.00	0.00	400.00	WI
2-6	730101	0.00	0.00	0.00	400.00	WI
2-6	740101	0.00	0.00	0.00	400.00	WI
2-6	750101	0.00	0.00	0.00	400.00	WI
2-6	760101	0.00	0.00	0.00	400.00	WI
2-6	770101	0.00	0.00	0.00	400.00	WI
2-6	780101	0.00	0.00	0.00	400.00	WI
2-6	790101	0.00	0.00	0.00	400.00	WI
2-6	800101	0.00	0.00	0.00	350.00	WI
2-6	810101	0.00	0.00	0.00	350.00	WI
2-6	820101	0.00	0.00	0.00	350.00	WI
2-6	830101	0.00	0.00	0.00	300.00	WI
2-6	840101	0.00	0.00	0.00	300.00	WI
2-6	850101	0.00	0.00	0.00	300.00	WI
2-6	860101	0.00	0.00	0.00	250.00	WI
2-6	870101	0.00	0.00	0.00	250.00	WI
2-6	880101	0.00	0.00	0.00	200.00	WI
2-6	890101	0.00	0.00	0.00	200.00	WI
2-6	900101	0.00	0.00	0.00	0.00	WI

Spectrum, Inc.

Well Production Data

22 January 1996

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
1-3	780101	0.00	0.00	0.00	101.00	WI
1-3	790101	0.00	0.00	0.00	136.00	WI
1-3	800101	0.00	0.00	0.00	61.00	WI
1-3	810101	0.00	0.00	0.00	59.00	WI
1-3	820101	0.00	0.00	0.00	31.00	WI
1-3	830101	0.00	0.00	0.00	71.00	WI
1-3	840101	0.00	0.00	0.00	113.00	WI
1-3	850101	0.00	0.00	0.00	108.00	WI
1-3	860101	0.00	0.00	0.00	108.00	WI
1-3	870101	0.00	0.00	0.00	101.00	WI
1-3	880101	0.00	0.00	0.00	94.00	WI
1-3	890101	0.00	0.00	0.00	85.00	WI
1-3	900101	0.00	0.00	0.00	94.00	WI
1-3	910101	0.00	0.00	0.00	99.00	WI
1-3	920101	0.00	0.00	0.00	98.00	WI
1-3	930101	0.00	0.00	0.00	92.00	WI
1-3	940101	0.00	0.00	0.00	143.18	WI
1-3	950101	0.00	0.00	0.00	0.00	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	400101	5.93	0.00	0.00	0.00	O
-1	410101	43.28	0.00	0.00	0.00	O
-1	420101	22.87	0.00	0.00	0.00	O
-1	430101	25.87	0.00	0.00	0.00	O
-1	440101	29.80	0.00	0.00	0.00	O
-1	450101	27.04	0.00	0.00	0.00	O
-1	460101	25.19	0.00	0.00	0.00	O
-1	470101	23.99	0.00	0.00	0.00	O
-1	480101	16.07	0.00	0.00	0.00	O
-1	490101	12.55	0.00	0.00	0.00	O
-1	500101	14.20	0.00	0.00	0.00	O
-1	510101	11.54	0.00	0.00	0.00	O
-1	520101	11.17	0.00	0.00	0.00	O
-1	530101	11.47	0.00	0.00	0.00	O
-1	540101	26.00	0.00	0.00	0.00	O
-1	550101	43.38	0.00	0.00	0.00	O
-1	560101	28.72	0.00	0.00	0.00	O
-1	570101	24.45	0.00	0.00	0.00	O
-1	580101	19.54	0.00	0.00	0.00	O
-1	590101	17.04	0.00	0.00	0.00	O
-1	600101	14.40	0.00	0.00	0.00	O
-1	610101	14.12	0.00	0.00	0.00	O
-1	620101	12.94	0.00	0.00	0.00	O
-1	630101	11.52	0.00	0.00	0.00	O
-1	640101	11.06	0.00	0.00	0.00	O
-1	650101	10.19	0.00	0.00	0.00	O
-1	660101	11.05	0.00	0.00	0.00	O
-1	670101	8.95	0.00	0.00	0.00	O
-1	680101	8.22	0.00	0.00	0.00	O
-1	690101	8.85	0.00	0.00	0.00	O
-1	700101	7.54	0.00	0.00	0.00	O
-1	710101	4.03	0.00	0.00	0.00	O
-1	720101	5.35	0.00	0.00	0.00	O
-1	730101	7.52	0.00	0.00	0.00	O
-1	740101	8.42	0.00	0.00	0.00	O
-1	750101	8.79	0.00	0.00	0.00	O
-1	760101	4.25	0.00	0.00	0.00	O
-1	770101	4.24	0.00	0.00	0.00	O
-1	780101	3.78	0.00	0.00	0.00	O
-1	790101	3.15	0.00	0.00	0.00	O
-1	800101	0.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	400101	50.00	0.00	0.00	0.00	O
-1	410101	36.00	0.00	0.00	0.00	O
-1	420101	34.00	0.00	0.00	0.00	O
-1	430101	39.00	0.00	0.00	0.00	O
-1	440101	39.89	0.00	0.00	0.00	O
-1	450101	30.00	0.00	0.00	0.00	O
-1	460101	24.00	0.00	0.00	0.00	O
-1	470101	23.00	0.00	0.00	0.00	O
-1	480101	18.95	0.00	0.00	0.00	O
-1	490101	14.00	0.00	0.00	0.00	O
-1	500101	16.00	0.00	0.00	0.00	O
-1	510101	6.00	0.00	0.00	0.00	O
-1	520101	5.98	0.00	0.00	0.00	O
-1	530101	5.00	0.00	0.00	0.00	O
-1	540101	20.00	0.00	0.00	0.00	O
-1	550101	10.00	0.00	0.00	0.00	O
-1	560101	7.98	0.00	0.00	0.00	O
-1	570101	6.00	0.00	0.00	0.00	O
-1	580101	4.00	0.00	0.00	0.00	O
-1	590101	3.00	0.00	0.00	0.00	O
-1	600101	2.99	0.00	0.00	0.00	O
-1	610101	3.00	0.00	0.00	0.00	O
-1	620101	3.00	0.00	0.00	0.00	O
-1	630101	2.00	0.00	0.00	0.00	O
-1	640101	1.99	0.00	0.00	0.00	O
-1	650101	2.00	0.00	0.00	0.00	O
-1	660101	2.00	0.00	0.00	0.00	O
-1	670101	2.00	0.00	0.00	0.00	O
-1	680101	1.99	0.00	0.00	0.00	O
-1	690101	2.00	0.00	0.00	0.00	O
-1	700101	1.00	0.00	0.00	0.00	O
-1	710101	1.00	0.00	0.00	0.00	O
-1	720101	1.10	0.00	0.00	0.00	O
-1	730101	1.00	0.00	0.00	0.00	O
-1	740101	1.00	0.00	0.00	0.00	O
-1	750101	2.00	0.00	0.00	0.00	O
-1	760101	1.10	0.00	0.00	0.00	O
-1	770101	1.00	0.00	0.00	0.00	O
-1	780101	1.00	0.00	0.00	0.00	O
-1	790101	4.00	0.00	0.00	0.00	O
-1	800101	3.99	0.00	0.00	0.00	O
-1	810101	2.00	0.00	0.00	0.00	O
-1	820101	2.00	0.00	0.00	0.00	O
-1	830101	2.00	0.00	0.00	0.00	O
-1	840101	8.98	0.00	0.00	0.00	O
-1	850101	7.00	0.00	0.00	0.00	O
-1	860101	2.00	0.00	0.00	0.00	O
-1	870101	2.00	0.00	0.00	0.00	O
-1	880101	1.10	0.00	0.00	0.00	O
-1	890101	1.00	0.00	0.00	0.00	O
-1	900101	1.00	0.00	0.00	0.00	O
-1	910101	3.00	0.00	0.00	0.00	O
-1	920101	4.99	0.00	0.00	0.00	O
-1	930101	6.00	0.00	0.00	0.00	O
-1	940101	6.00	0.00	0.00	0.00	O
-1	950101	6.00	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	400101	27.60	0.00	0.00	0.00	O
-1	410101	35.00	0.00	0.00	0.00	O
-1	420101	18.65	0.00	0.00	0.00	O
-1	430101	27.90	0.00	0.00	0.00	O
-1	440101	42.00	0.00	0.00	0.00	O
-1	450101	39.60	0.00	0.00	0.00	O
-1	460101	36.80	0.00	0.00	0.00	O
-1	470101	32.80	0.00	0.00	0.00	O
-1	480101	29.60	0.00	0.00	0.00	O
-1	490101	28.00	0.00	0.00	0.00	O
-1	500101	27.70	0.00	0.00	0.00	O
-1	510101	25.10	0.00	0.00	0.00	O
-1	520101	22.60	0.00	0.00	0.00	O
-1	530101	20.40	0.00	0.00	0.00	O
-1	540101	19.00	0.00	0.00	0.00	O
-1	550101	40.00	0.00	0.00	0.00	O
-1	560101	42.00	0.00	0.00	0.00	O
-1	570101	38.00	0.00	0.00	0.00	O
-1	580101	26.80	0.00	0.00	0.00	O
-1	590101	27.40	0.00	0.00	0.00	O
-1	600101	23.20	0.00	0.00	0.00	O
-1	610101	22.50	0.00	0.00	0.00	O
-1	620101	21.50	0.00	0.00	0.00	O
-1	630101	19.50	0.00	0.00	0.00	O
-1	640101	23.00	0.00	0.00	0.00	O
-1	650101	19.60	0.00	0.00	0.00	O
-1	660101	16.00	0.00	0.00	0.00	O
-1	670101	14.20	0.00	0.00	0.00	O
-1	680101	14.00	0.00	0.00	0.00	O
-1	690101	11.00	0.00	0.00	0.00	O
-1	700101	8.00	0.00	0.00	0.00	O
-1	710101	9.10	0.00	0.00	0.00	O
-1	720101	21.00	0.00	0.00	0.00	O
-1	730101	21.20	0.00	0.00	0.00	O
-1	740101	22.00	0.00	0.00	0.00	O
-1	750101	23.70	0.00	0.00	0.00	O
-1	760101	21.00	0.00	0.00	0.00	O
-1	770101	16.30	0.00	0.00	0.00	O
-1	780101	14.00	0.00	0.00	0.00	O
-1	790101	14.00	0.00	0.00	0.00	O
-1	800101	13.00	0.00	0.00	0.00	O
-1	810101	16.30	0.00	0.00	0.00	O
-1	820101	16.25	0.00	0.00	0.00	O
-1	830101	11.80	0.00	0.00	0.00	O
-1	840101	10.10	0.00	0.00	0.00	O
-1	850101	13.50	0.00	0.00	0.00	O
-1	860101	11.00	0.00	0.00	0.00	O
-1	870101	13.00	0.00	0.00	0.00	O
-1	880101	5.70	0.00	0.00	0.00	O
-1	890101	1.80	0.00	0.00	0.00	O
-1	900101	1.20	0.00	0.00	0.00	O
-1	910101	4.00	0.00	0.00	0.00	O
-1	920101	5.00	0.00	0.00	0.00	O
-1	930101	5.50	0.00	0.00	0.00	O
-1	940101	14.36	0.00	0.00	0.00	O
-1	950101	2.80	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
I-12	490101	30.00	0.00	0.00	0.00	O
I-12	500101	27.70	0.00	0.00	0.00	O
I-12	510101	25.10	0.00	0.00	0.00	O
I-12	520101	22.60	0.00	0.00	0.00	O
I-12	530101	20.40	0.00	0.00	0.00	O
I-12	540101	19.00	0.00	0.00	0.00	O
I-12	550101	40.00	0.00	0.00	0.00	O
I-12	560101	42.00	0.00	0.00	0.00	O
I-12	570101	38.00	0.00	0.00	0.00	O
I-12	580101	26.80	0.00	0.00	0.00	O
I-12	590101	27.40	0.00	0.00	0.00	O
I-12	600101	23.20	0.00	0.00	0.00	O
I-12	610101	22.50	0.00	0.00	0.00	O
I-12	620101	21.50	0.00	0.00	0.00	O
I-12	630101	19.50	0.00	0.00	0.00	O
I-12	640101	23.00	0.00	0.00	0.00	O
I-12	650101	19.60	0.00	0.00	0.00	O
I-12	660101	16.00	0.00	0.00	0.00	O
I-12	670101	14.20	0.00	0.00	0.00	O
I-12	680101	14.00	0.00	0.00	0.00	O
I-12	690101	15.00	0.00	0.00	0.00	O
I-12	700101	18.30	0.00	0.00	0.00	O
I-12	710101	11.00	0.00	0.00	0.00	O
I-12	720101	10.80	0.00	0.00	0.00	O
I-12	730101	10.00	0.00	0.00	0.00	O
I-12	740101	22.50	0.00	0.00	0.00	O
I-12	750101	12.70	0.00	0.00	0.00	O
I-12	760101	11.00	0.00	0.00	0.00	O
I-12	770101	15.00	0.00	0.00	0.00	O
I-12	780101	12.00	0.00	0.00	0.00	O
I-12	790101	25.00	0.00	0.00	0.00	O
I-12	800101	21.60	0.00	0.00	0.00	O
I-12	810101	24.10	0.00	0.00	0.00	O
I-12	820101	23.50	0.00	0.00	0.00	O
I-12	830101	20.70	0.00	0.00	0.00	O
I-12	840101	23.70	0.00	0.00	0.00	O
I-12	850101	23.50	0.00	0.00	0.00	O
I-12	860101	21.30	0.00	0.00	0.00	O
I-12	870101	23.80	0.00	0.00	0.00	O
I-12	880101	18.00	0.00	0.00	0.00	O
I-12	890101	30.00	0.00	0.00	0.00	O
I-12	900101	34.80	0.00	0.00	0.00	O
I-12	910101	16.70	0.00	0.00	0.00	O
I-12	920101	17.00	0.00	0.00	0.00	O
I-12	930101	14.00	0.00	0.00	0.00	O
I-12	940101	12.00	0.00	0.00	0.00	O
I-12	950101	27.10	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-19	740601	32.00	0.00	0.00	0.00	O
-19	750101	0.00	0.00	0.00	0.00	WI
-19	760101	0.00	0.00	0.00	0.00	WI
-19	770101	0.00	0.00	0.00	0.00	WI
-19	780101	0.00	0.00	0.00	0.00	WI
-19	790101	0.00	0.00	0.00	0.00	WI
-19	800101	0.00	0.00	0.00	0.00	WI
-19	810101	0.00	0.00	0.00	0.00	WI
-19	820101	0.00	0.00	0.00	0.00	WI
-19	830101	0.00	0.00	0.00	78.00	WI
-19	840101	0.00	0.00	0.00	119.00	WI
-19	850101	0.00	0.00	0.00	55.00	WI
-19	860101	0.00	0.00	0.00	0.00	WI
-19	870101	0.00	0.00	0.00	0.00	WI
-19	880101	0.00	0.00	0.00	5.00	WI
-19	890101	0.00	0.00	0.00	71.00	WI
-19	900101	0.00	0.00	0.00	101.00	WI
-19	910101	0.00	0.00	0.00	131.00	WI
-19	920101	0.00	0.00	0.00	90.00	WI
-19	930101	0.00	0.00	0.00	110.00	WI
-19	940101	0.00	0.00	0.00	115.00	WI
-19	950101	0.00	0.00	0.00	90.00	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
I-5	400101	27.60	0.00	0.00	0.00	O
I-5	410101	35.00	0.00	0.00	0.00	O
I-5	420101	18.65	0.00	0.00	0.00	O
I-5	430101	27.90	0.00	0.00	0.00	O
I-5	440101	42.00	0.00	0.00	0.00	O
I-5	450101	39.60	0.00	0.00	0.00	O
I-5	460101	36.80	0.00	0.00	0.00	O
I-5	470101	32.80	0.00	0.00	0.00	O
I-5	480101	29.60	0.00	0.00	0.00	O
I-5	490101	28.00	0.00	0.00	0.00	O
I-5	500101	27.70	0.00	0.00	0.00	O
I-5	510101	25.10	0.00	0.00	0.00	O
I-5	520101	22.60	0.00	0.00	0.00	O
I-5	530101	20.40	0.00	0.00	0.00	O
I-5	540101	19.00	0.00	0.00	0.00	O
I-5	550101	40.00	0.00	0.00	0.00	O
I-5	560101	42.00	0.00	0.00	0.00	O
I-5	570101	38.00	0.00	0.00	0.00	O
I-5	580101	26.80	0.00	0.00	0.00	O
I-5	590101	27.40	0.00	0.00	0.00	O
I-5	600101	23.20	0.00	0.00	0.00	O
I-5	610101	22.50	0.00	0.00	0.00	O
I-5	620101	21.50	0.00	0.00	0.00	O
I-5	630101	19.50	0.00	0.00	0.00	O
I-5	640101	23.00	0.00	0.00	0.00	O
I-5	650101	19.60	0.00	0.00	0.00	O
I-5	660101	16.00	0.00	0.00	0.00	O
I-5	670101	14.20	0.00	0.00	0.00	O
I-5	680101	12.00	0.00	0.00	0.00	O
I-5	690101	8.00	0.00	0.00	0.00	O
I-5	700101	4.60	0.00	0.00	0.00	O
I-5	710101	5.00	0.00	0.00	0.00	O
I-5	720101	5.00	0.00	0.00	0.00	O
I-5	730101	26.20	0.00	0.00	0.00	O
I-5	740101	12.70	0.00	0.00	0.00	O
I-5	750101	8.70	0.00	0.00	0.00	O
I-5	760101	5.00	0.00	0.00	0.00	O
I-5	770101	11.00	0.00	0.00	0.00	O
I-5	780101	11.00	0.00	0.00	0.00	O
I-5	790101	17.00	0.00	0.00	0.00	O
I-5	800101	15.60	0.00	0.00	0.00	O
I-5	810101	13.30	0.00	0.00	0.00	O
I-5	820101	14.50	0.00	0.00	0.00	O
I-5	830101	6.50	0.00	0.00	0.00	O
I-5	840101	15.70	0.00	0.00	0.00	O
I-5	850101	14.70	0.00	0.00	0.00	O
I-5	860101	13.00	0.00	0.00	0.00	O
I-5	870101	18.20	0.00	0.00	0.00	O
I-5	880101	15.30	0.00	0.00	0.00	O
I-5	890101	15.30	0.00	0.00	0.00	O
I-5	900101	16.30	0.00	0.00	0.00	O
I-5	910101	16.30	0.00	0.00	0.00	O
I-5	920101	17.30	0.00	0.00	0.00	O
I-5	930101	4.00	0.00	0.00	0.00	O
I-5	940101	4.00	0.00	0.00	0.00	O
I-5	950101	23.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-6	400101	27.60	0.00	0.00	0.00	O
-6	410101	35.00	0.00	0.00	0.00	O
-6	420101	18.65	0.00	0.00	0.00	O
-6	430101	27.90	0.00	0.00	0.00	O
-6	440101	42.00	0.00	0.00	0.00	O
-6	450101	39.60	0.00	0.00	0.00	O
-6	460101	36.80	0.00	0.00	0.00	O
-6	470101	32.80	0.00	0.00	0.00	O
-6	480101	29.60	0.00	0.00	0.00	O
-6	490101	28.00	0.00	0.00	0.00	O
-6	500101	27.70	0.00	0.00	0.00	O
-6	510101	25.10	0.00	0.00	0.00	O
-6	520101	22.60	0.00	0.00	0.00	O
-6	530101	20.40	0.00	0.00	0.00	O
-6	540101	19.00	0.00	0.00	0.00	O
-6	550101	40.00	0.00	0.00	0.00	O
-6	560101	42.00	0.00	0.00	0.00	O
-6	570101	38.00	0.00	0.00	0.00	O
-6	580101	26.80	0.00	0.00	0.00	O
-6	590101	27.40	0.00	0.00	0.00	O
-6	600101	23.20	0.00	0.00	0.00	O
-6	610101	22.50	0.00	0.00	0.00	O
-6	620101	21.50	0.00	0.00	0.00	O
-6	630101	19.50	0.00	0.00	0.00	O
-6	640101	23.00	0.00	0.00	0.00	O
-6	650101	19.60	0.00	0.00	0.00	O
-6	660101	16.00	0.00	0.00	0.00	O
-6	670101	14.20	0.00	0.00	0.00	O
-6	680101	10.00	0.00	0.00	0.00	O
-6	690101	5.00	0.00	0.00	0.00	O
-6	700101	6.50	0.00	0.00	0.00	O
-6	710101	7.00	0.00	0.00	0.00	O
-6	720101	17.70	0.00	0.00	0.00	O
-6	730101	29.60	0.00	0.00	0.00	O
-6	740101	22.30	0.00	0.00	0.00	O
-6	750101	13.00	0.00	0.00	0.00	O
-6	760101	20.00	0.00	0.00	0.00	O
-6	770101	33.30	0.00	0.00	0.00	O
-6	780101	15.70	0.00	0.00	0.00	O
-6	790101	40.00	0.00	0.00	0.00	O
-6	800101	27.30	0.00	0.00	0.00	O
-6	810101	22.80	0.00	0.00	0.00	O
-6	820101	17.80	0.00	0.00	0.00	O
-6	830101	12.00	0.00	0.00	0.00	O
-6	840101	17.80	0.00	0.00	0.00	O
-6	850101	10.80	0.00	0.00	0.00	O
-6	860101	8.50	0.00	0.00	0.00	O
-6	870101	11.00	0.00	0.00	0.00	O
-6	880101	10.00	0.00	0.00	0.00	O
-6	890101	7.80	0.00	0.00	0.00	O
-6	900101	6.60	0.00	0.00	0.00	O
-6	910101	5.00	0.00	0.00	0.00	O
-6	920101	4.70	0.00	0.00	0.00	O
-6	930101	0.00	0.00	0.00	0.00	O
-6	940101	0.00	0.00	0.00	0.00	O
-6	950101	4.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
'-126	700101	110.00	0.00	0.00	0.00	O
'-126	710101	40.00	0.00	0.00	0.00	O
'-126	720101	25.00	0.00	0.00	0.00	O
'-126	730101	25.00	0.00	0.00	0.00	O
'-126	740101	18.00	0.00	0.00	0.00	O
'-126	750101	12.00	0.00	0.00	0.00	O
'-126	760101	13.00	0.00	0.00	0.00	O
'-126	770101	14.00	0.00	0.00	0.00	O
'-126	780101	19.00	0.00	0.00	0.00	O
'-126	790101	25.00	0.00	0.00	0.00	O
'-126	800101	20.00	0.00	0.00	0.00	O
'-126	810101	16.00	0.00	0.00	0.00	O
'-126	820101	17.00	0.00	0.00	0.00	O
'-126	830101	16.50	0.00	0.00	0.00	O
'-126	840101	16.00	0.00	0.00	0.00	O
'-126	850101	15.00	0.00	0.00	0.00	O
'-126	860101	13.00	0.00	0.00	0.00	O
'-126	870101	26.00	0.00	0.00	0.00	O
'-126	880101	60.00	0.00	0.00	0.00	O
'-126	890101	35.00	0.00	0.00	0.00	O
'-126	900101	16.00	0.00	0.00	0.00	O
'-126	910101	15.50	0.00	0.00	0.00	O
'-126	920101	12.00	0.00	0.00	0.00	O
'-126	930101	13.00	0.00	0.00	0.00	O
'-126	940101	12.50	0.00	0.00	0.00	O
'-126	950101	11.00	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-3	650101	0.00	0.00	0.00	73.00	WI
-3	660101	0.00	0.00	0.00	207.00	WI
-3	670101	0.00	0.00	0.00	227.00	WI
-3	680101	0.00	0.00	0.00	238.00	WI
-3	690101	0.00	0.00	0.00	218.00	WI
-3	700101	0.00	0.00	0.00	286.00	WI
-3	710101	0.00	0.00	0.00	64.00	WI
-3	720101	0.00	0.00	0.00	21.00	WI
-3	730101	0.00	0.00	0.00	82.00	WI
-3	740101	0.00	0.00	0.00	67.00	WI
-3	750101	0.00	0.00	0.00	57.00	WI
-3	760101	0.00	0.00	0.00	150.00	WI
-3	770101	0.00	0.00	0.00	78.00	WI
-3	780101	0.00	0.00	0.00	115.00	WI
-3	790101	0.00	0.00	0.00	82.00	WI
-3	800101	0.00	0.00	0.00	85.00	WI
-3	810101	0.00	0.00	0.00	78.00	WI
-3	820101	0.00	0.00	0.00	59.00	WI
-3	830101	0.00	0.00	0.00	77.00	WI
-3	840101	0.00	0.00	0.00	109.00	WI
-3	850101	0.00	0.00	0.00	53.00	WI
-3	860101	0.00	0.00	0.00	52.00	WI
-3	870101	0.00	0.00	0.00	65.00	WI
-3	880101	0.00	0.00	0.00	69.00	WI
-3	890101	0.00	0.00	0.00	169.00	WI
-3	900101	0.00	0.00	0.00	145.00	WI
-3	910101	0.00	0.00	0.00	130.00	WI
-3	920101	0.00	0.00	0.00	129.00	WI
-3	930101	0.00	0.00	0.00	131.00	WI
-3	940101	0.00	0.00	0.00	115.00	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-8	700101	0.00	0.00	0.00	69.00	WI
-8	710101	0.00	0.00	0.00	73.00	WI
-8	720101	0.00	0.00	0.00	42.00	WI
-8	730101	0.00	0.00	0.00	37.00	WI
-8	740101	0.00	0.00	0.00	62.00	WI
-8	750101	0.00	0.00	0.00	80.00	WI
-8	760101	0.00	0.00	0.00	74.00	WI
-8	770101	0.00	0.00	0.00	70.00	WI
-8	780101	0.00	0.00	0.00	73.00	WI
-8	790101	0.00	0.00	0.00	63.00	WI
-8	800101	0.00	0.00	0.00	59.00	WI
-8	810101	0.00	0.00	0.00	63.00	WI
-8	820101	0.00	0.00	0.00	61.00	WI
-8	830101	0.00	0.00	0.00	65.00	WI
-8	840101	0.00	0.00	0.00	58.00	WI
-8	850101	0.00	0.00	0.00	60.00	WI
-8	860101	0.00	0.00	0.00	42.00	WI
-8	870101	0.00	0.00	0.00	57.00	WI
-8	880101	0.00	0.00	0.00	42.00	WI
-8	890101	0.00	0.00	0.00	60.00	WI
-8	900101	0.00	0.00	0.00	49.00	WI
-8	910101	0.00	0.00	0.00	43.00	WI
-8	920101	0.00	0.00	0.00	53.00	WI
-8	930101	0.00	0.00	0.00	64.00	WI
-8	940101	0.00	0.00	0.00	61.00	WI
-8	950101	0.00	0.00	0.00	61.00	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-6	700101	22.22	0.00	0.00	0.00	O
-6	710101	59.55	0.00	0.00	0.00	O
-6	720101	38.08	0.00	0.00	0.00	O
-6	730101	31.82	0.00	0.00	0.00	O
-6	740101	39.49	0.00	0.00	0.00	O
-6	750101	35.01	0.00	0.00	0.00	O
-6	760101	30.73	0.00	0.00	0.00	O
-6	770101	27.84	0.00	0.00	0.00	O
-6	780101	22.75	0.00	0.00	0.00	O
-6	790101	20.55	0.00	0.00	0.00	O
-6	800101	14.40	0.00	0.00	0.00	O
-6	810101	15.61	0.00	0.00	0.00	O
-6	820101	14.89	0.00	0.00	0.00	O
-6	830101	13.39	0.00	0.00	0.00	O
-6	840101	11.82	0.00	0.00	0.00	O
-6	850101	15.14	0.00	0.00	0.00	O
-6	860101	12.80	0.00	0.00	0.00	O
-6	870101	9.79	0.00	0.00	0.00	O
-6	880101	10.41	0.00	0.00	0.00	O
-6	890101	11.95	0.00	0.00	0.00	O
-6	900101	13.00	0.00	0.00	0.00	O
-6	910101	7.62	0.00	0.00	0.00	O
-6	920101	6.66	0.00	0.00	0.00	O
-6	930101	5.28	0.00	0.00	0.00	O
-6	940101	4.92	0.00	0.00	0.00	O
-6	950101	3.50	0.00	0.00	0.00	O

WELL #	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-1	400101	7.25	0.00	0.00	0.00	O
-1	410101	25.63	0.00	0.00	0.00	O
-1	420101	13.46	0.00	0.00	0.00	O
-1	430101	21.39	0.00	0.00	0.00	O
-1	440101	42.38	0.00	0.00	0.00	O
-1	450101	38.11	0.00	0.00	0.00	O
-1	460101	28.39	0.00	0.00	0.00	O
-1	470101	22.67	0.00	0.00	0.00	O
-1	480101	18.80	0.00	0.00	0.00	O
-1	490101	12.66	0.00	0.00	0.00	O
-1	500101	5.20	0.00	0.00	0.00	O
-1	510101	4.39	0.00	0.00	0.00	O
-1	520101	4.01	0.00	0.00	0.00	O
-1	530101	3.01	0.00	0.00	0.00	O
-1	540101	3.20	0.00	0.00	0.00	O
-1	550101	47.47	0.00	0.00	0.00	O
-1	560101	37.64	0.00	0.00	0.00	O
-1	570101	23.45	0.00	0.00	0.00	O
-1	580101	16.79	0.00	0.00	0.00	O
-1	590101	15.13	0.00	0.00	0.00	O
-1	600101	9.57	0.00	0.00	0.00	O
-1	610101	7.19	0.00	0.00	0.00	O
-1	620101	4.59	0.00	0.00	0.00	O
-1	630101	3.96	0.00	0.00	0.00	O
-1	640101	6.87	0.00	0.00	0.00	O
-1	650101	9.30	0.00	0.00	0.00	O
-1	660101	7.16	0.00	0.00	0.00	O
-1	670101	5.80	0.00	0.00	0.00	O
-1	680101	7.24	0.00	0.00	0.00	O
-1	690101	7.55	0.00	0.00	0.00	O
-1	700101	17.23	0.00	0.00	0.00	O
-1	710101	3.08	0.00	0.00	0.00	O
-1	720101	1.97	0.00	0.00	0.00	O
-1	730101	1.65	0.00	0.00	0.00	O
-1	740101	2.04	0.00	0.00	0.00	O
-1	750101	0.00	0.00	0.00	0.00	O
-1	760101	0.00	0.00	0.00	0.00	O
-1	770101	0.00	0.00	0.00	0.00	O
-1	780101	0.00	0.00	0.00	0.00	O
-1	790101	0.00	0.00	0.00	0.00	O
-1	800101	14.89	0.00	0.00	0.00	O
-1	810101	16.14	0.00	0.00	0.00	O
-1	820101	15.40	0.00	0.00	0.00	O
-1	830101	13.85	0.00	0.00	0.00	O
-1	840101	12.23	0.00	0.00	0.00	O
-1	850101	15.66	0.00	0.00	0.00	O
-1	860101	18.29	0.00	0.00	0.00	O
-1	870101	13.99	0.00	0.00	0.00	O
-1	880101	14.87	0.00	0.00	0.00	O
-1	890101	17.07	0.00	0.00	0.00	O
-1	900101	18.58	0.00	0.00	0.00	O
-1	910101	15.25	0.00	0.00	0.00	O
-1	920101	13.30	0.00	0.00	0.00	O
-1	930101	10.58	0.00	0.00	0.00	O
-1	940101	9.85	0.00	0.00	0.00	O
-1	950101	10.50	0.00	0.00	0.00	O

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-2	400101	11.97	0.00	0.00	0.00	O
-2	410101	42.28	0.00	0.00	0.00	O
-2	420101	22.21	0.00	0.00	0.00	O
-2	430101	35.29	0.00	0.00	0.00	O
-2	440101	64.18	0.00	0.00	0.00	O
-2	450101	57.71	0.00	0.00	0.00	O
-2	460101	43.81	0.00	0.00	0.00	O
-2	470101	34.33	0.00	0.00	0.00	O
-2	480101	28.47	0.00	0.00	0.00	O
-2	490101	19.18	0.00	0.00	0.00	O
-2	500101	25.72	0.00	0.00	0.00	O
-2	510101	21.78	0.00	0.00	0.00	O
-2	520101	19.88	0.00	0.00	0.00	O
-2	530101	14.92	0.00	0.00	0.00	O
-2	540101	15.85	0.00	0.00	0.00	O
-2	550101	65.51	0.00	0.00	0.00	O
-2	560101	51.95	0.00	0.00	0.00	O
-2	570101	32.37	0.00	0.00	0.00	O
-2	580101	23.17	0.00	0.00	0.00	O
-2	590101	20.88	0.00	0.00	0.00	O
-2	600101	14.89	0.00	0.00	0.00	O
-2	610101	11.19	0.00	0.00	0.00	O
-2	620101	7.13	0.00	0.00	0.00	O
-2	630101	6.16	0.00	0.00	0.00	O
-2	640101	10.68	0.00	0.00	0.00	O
-2	650101	12.10	0.00	0.00	0.00	O
-2	660101	9.31	0.00	0.00	0.00	O
-2	670101	7.55	0.00	0.00	0.00	O
-2	680101	9.41	0.00	0.00	0.00	O
-2	690101	9.82	0.00	0.00	0.00	O
-2	700101	7.79	0.00	0.00	0.00	O
-2	710101	13.36	0.00	0.00	0.00	O
-2	720101	8.54	0.00	0.00	0.00	O
-2	730101	7.14	0.00	0.00	0.00	O
-2	740101	8.86	0.00	0.00	0.00	O
-2	750101	8.02	0.00	0.00	0.00	O
-2	760101	7.04	0.00	0.00	0.00	O
2	770101	6.37	0.00	0.00	0.00	O
2	780101	5.21	0.00	0.00	0.00	O
2	790101	4.71	0.00	0.00	0.00	O
2	800101	3.47	0.00	0.00	0.00	O
2	810101	3.76	0.00	0.00	0.00	O
2	820101	3.59	0.00	0.00	0.00	O
2	830101	3.23	0.00	0.00	0.00	O
2	840101	2.85	0.00	0.00	0.00	O
2	850101	3.65	0.00	0.00	0.00	O
2	860101	13.72	0.00	0.00	0.00	O
2	870101	10.49	0.00	0.00	0.00	O
2	880101	11.15	0.00	0.00	0.00	O
2	890101	12.81	0.00	0.00	0.00	O
2	900101	13.94	0.00	0.00	0.00	O
2	910101	6.53	0.00	0.00	0.00	O
2	920101	5.73	0.00	0.00	0.00	O
2	930101	4.53	0.00	0.00	0.00	O
2	940101	4.22	0.00	0.00	0.00	O
2	950101	2.50	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-3	400101	12.14	0.00	0.00	0.00	O
-3	410101	42.90	0.00	0.00	0.00	O
-3	420101	22.54	0.00	0.00	0.00	O
-3	430101	35.81	0.00	0.00	0.00	O
-3	440101	91.10	0.00	0.00	0.00	O
-3	450101	81.91	0.00	0.00	0.00	O
-3	460101	62.18	0.00	0.00	0.00	O
-3	470101	48.73	0.00	0.00	0.00	O
-3	480101	40.41	0.00	0.00	0.00	O
-3	490101	27.22	0.00	0.00	0.00	O
-3	500101	20.22	0.00	0.00	0.00	O
-3	510101	17.12	0.00	0.00	0.00	O
-3	520101	15.63	0.00	0.00	0.00	O
-3	530101	11.73	0.00	0.00	0.00	O
-3	540101	12.46	0.00	0.00	0.00	O
-3	550101	31.33	0.00	0.00	0.00	O
-3	560101	24.84	0.00	0.00	0.00	O
-3	570101	15.48	0.00	0.00	0.00	O
-3	580101	11.08	0.00	0.00	0.00	O
-3	590101	9.98	0.00	0.00	0.00	O
-3	600101	21.27	0.00	0.00	0.00	O
-3	610101	15.98	0.00	0.00	0.00	O
-3	620101	10.19	0.00	0.00	0.00	O
-3	630101	8.80	0.00	0.00	0.00	O
-3	640101	15.26	0.00	0.00	0.00	O
-3	650101	16.75	0.00	0.00	0.00	O
-3	660101	12.90	0.00	0.00	0.00	O
-3	670101	10.45	0.00	0.00	0.00	O
-3	680101	13.03	0.00	0.00	0.00	O
-3	690101	13.60	0.00	0.00	0.00	O
-3	700101	13.88	0.00	0.00	0.00	O
-3	710101	17.46	0.00	0.00	0.00	O
-3	720101	11.16	0.00	0.00	0.00	O
-3	730101	9.33	0.00	0.00	0.00	O
-3	740101	11.58	0.00	0.00	0.00	O
-3	750101	10.40	0.00	0.00	0.00	O
-3	760101	9.13	0.00	0.00	0.00	O
-3	770101	8.27	0.00	0.00	0.00	O
-3	780101	6.76	0.00	0.00	0.00	O
-3	790101	6.11	0.00	0.00	0.00	O
-3	800101	4.46	0.00	0.00	0.00	O
-3	810101	4.84	0.00	0.00	0.00	O
-3	820101	4.62	0.00	0.00	0.00	O
-3	830101	4.15	0.00	0.00	0.00	O
-3	840101	3.67	0.00	0.00	0.00	O
-3	850101	4.69	0.00	0.00	0.00	O
-3	860101	5.49	0.00	0.00	0.00	O
-3	870101	4.20	0.00	0.00	0.00	O
-3	880101	4.46	0.00	0.00	0.00	O
-3	890101	5.12	0.00	0.00	0.00	O
-3	900101	5.57	0.00	0.00	0.00	O
-3	910101	6.53	0.00	0.00	0.00	O
-3	920101	5.73	0.00	0.00	0.00	O
-3	930101	4.53	0.00	0.00	0.00	O
-3	940101	4.22	0.00	0.00	0.00	O
-3	950101	3.30	0.00	0.00	0.00	O

L E	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
4	400101	11.91	0.00	0.00	0.00	O
4	410101	42.09	0.00	0.00	0.00	O
4	420101	22.11	0.00	0.00	0.00	O
4	430101	35.14	0.00	0.00	0.00	O
4	440101	67.23	0.00	0.00	0.00	O
4	450101	60.45	0.00	0.00	0.00	O
4	460101	45.89	0.00	0.00	0.00	O
4	470101	35.96	0.00	0.00	0.00	O
4	480101	29.83	0.00	0.00	0.00	O
4	490101	20.09	0.00	0.00	0.00	O
4	500101	30.03	0.00	0.00	0.00	O
4	510101	25.43	0.00	0.00	0.00	O
4	520101	23.21	0.00	0.00	0.00	O
4	530101	17.42	0.00	0.00	0.00	O
4	540101	18.50	0.00	0.00	0.00	O
4	550101	13.29	0.00	0.00	0.00	O
4	560101	10.54	0.00	0.00	0.00	O
4	570101	6.56	0.00	0.00	0.00	O
4	580101	4.70	0.00	0.00	0.00	O
4	590101	4.23	0.00	0.00	0.00	O
4	610101	0.00	0.00	0.00	100.00	WI
4	620101	0.00	0.00	0.00	400.00	WI
4	630101	0.00	0.00	0.00	400.00	WI
4	640101	0.00	0.00	0.00	400.00	WI
4	650101	0.00	0.00	0.00	400.00	WI
4	660101	0.00	0.00	0.00	400.00	WI
4	670101	0.00	0.00	0.00	400.00	WI
4	680101	0.00	0.00	0.00	400.00	WI
4	690101	0.00	0.00	0.00	400.00	WI
4	700101	0.00	0.00	0.00	350.00	WI
4	710101	0.00	0.00	0.00	350.00	WI
4	720101	0.00	0.00	0.00	350.00	WI
4	730101	0.00	0.00	0.00	350.00	WI
4	740101	0.00	0.00	0.00	350.00	WI
4	750101	0.00	0.00	0.00	350.00	WI
4	760101	0.00	0.00	0.00	350.00	WI
4	770101	0.00	0.00	0.00	350.00	WI
4	780101	0.00	0.00	0.00	350.00	WI
4	790101	0.00	0.00	0.00	350.00	WI
4	800101	0.00	0.00	0.00	300.00	WI
4	810101	0.00	0.00	0.00	300.00	WI
4	820101	0.00	0.00	0.00	300.00	WI
4	830101	0.00	0.00	0.00	300.00	WI
4	840101	0.00	0.00	0.00	300.00	WI
4	850101	0.00	0.00	0.00	300.00	WI
4	860101	0.00	0.00	0.00	300.00	WI
4	870101	0.00	0.00	0.00	300.00	WI
4	880101	0.00	0.00	0.00	300.00	WI
4	890101	0.00	0.00	0.00	300.00	WI
4	900101	0.00	0.00	0.00	200.00	WI
4	910101	0.00	0.00	0.00	200.00	WI
4	920101	0.00	0.00	0.00	100.00	WI
4	930101	0.00	0.00	0.00	0.00	WI

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-5	710101	61.67	0.00	0.00	0.00	O
-5	720101	39.40	0.00	0.00	0.00	O
-5	730101	32.95	0.00	0.00	0.00	O
-5	740101	40.89	0.00	0.00	0.00	O
-5	750101	36.20	0.00	0.00	0.00	O
-5	760101	31.77	0.00	0.00	0.00	O
-5	770101	28.78	0.00	0.00	0.00	O
-5	780101	23.52	0.00	0.00	0.00	O
-5	790101	51.25	0.00	0.00	0.00	O
-5	800101	14.89	0.00	0.00	0.00	O
-5	810101	16.14	0.00	0.00	0.00	O
-5	820101	15.40	0.00	0.00	0.00	O
-5	830101	13.85	0.00	0.00	0.00	O
-5	840101	12.23	0.00	0.00	0.00	O
-5	850101	15.66	0.00	0.00	0.00	O
-5	860101	12.80	0.00	0.00	0.00	O
-5	870101	9.79	0.00	0.00	0.00	O
-5	880101	10.41	0.00	0.00	0.00	O
-5	890101	11.95	0.00	0.00	0.00	O
-5	900101	13.00	0.00	0.00	0.00	O
-5	910101	9.80	0.00	0.00	0.00	O
-5	920101	8.57	0.00	0.00	0.00	O
-5	930101	6.80	0.00	0.00	0.00	O
-5	940101	6.33	0.00	0.00	0.00	O
-5	950101	6.20	0.00	0.00	0.00	O

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-7	700101	38.89	0.00	0.00	0.00	O
-7	710101	33.90	0.00	0.00	0.00	O
-7	720101	21.67	0.00	0.00	0.00	O
-7	730101	18.11	0.00	0.00	0.00	O
-7	740101	22.48	0.00	0.00	0.00	O
-7	750101	19.98	0.00	0.00	0.00	O
-7	760101	17.54	0.00	0.00	0.00	O
-7	770101	15.89	0.00	0.00	0.00	O
-7	780101	12.98	0.00	0.00	0.00	O
-7	790101	11.73	0.00	0.00	0.00	O
-7	800101	10.42	0.00	0.00	0.00	O
-7	810101	11.30	0.00	0.00	0.00	O
-7	820101	10.78	0.00	0.00	0.00	O
-7	830101	9.69	0.00	0.00	0.00	O
-7	840101	8.56	0.00	0.00	0.00	O
-7	850101	10.96	0.00	0.00	0.00	O
-7	860101	14.63	0.00	0.00	0.00	O
-7	870101	11.19	0.00	0.00	0.00	O
-7	880101	11.89	0.00	0.00	0.00	O
-7	890101	13.66	0.00	0.00	0.00	O
-7	900101	14.86	0.00	0.00	0.00	O
-7	910101	17.42	0.00	0.00	0.00	O
-7	920101	15.24	0.00	0.00	0.00	O
-7	930101	12.09	0.00	0.00	0.00	O
-7	940101	11.26	0.00	0.00	0.00	O
-7	950101	14.00	0.00	0.00	0.00	O

WELL ID	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-8	700101	36.10	0.00	0.00	0.00	O
-8	710101	42.12	0.00	0.00	0.00	O
-8	720101	26.98	0.00	0.00	0.00	O
-8	730101	22.51	0.00	0.00	0.00	O
-8	740101	27.93	0.00	0.00	0.00	O
-8	750101	24.77	0.00	0.00	0.00	O
-8	760101	21.74	0.00	0.00	0.00	O
-8	770101	19.70	0.00	0.00	0.00	O
-8	780101	16.10	0.00	0.00	0.00	O
-8	790101	14.54	0.00	0.00	0.00	O
-8	800101	9.93	0.00	0.00	0.00	O
-8	810101	10.77	0.00	0.00	0.00	O
-8	820101	10.27	0.00	0.00	0.00	O
-8	830101	9.23	0.00	0.00	0.00	O
-8	840101	8.15	0.00	0.00	0.00	O
-8	850101	10.44	0.00	0.00	0.00	O
-8	860101	0.00	0.00	0.00	0.00	O
-8	870101	0.00	0.00	0.00	300.00	WI
-8	880101	0.00	0.00	0.00	300.00	WI
-8	890101	0.00	0.00	0.00	300.00	WI
-8	900101	0.00	0.00	0.00	300.00	WI
-8	910101	0.00	0.00	0.00	280.00	WI
-8	920101	0.00	0.00	0.00	258.00	WI
-8	930101	0.00	0.00	0.00	192.00	WI
-8	940101	0.00	0.00	0.00	285.00	WI
-8	950101	0.00	0.00	0.00	246.03	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-9	700101	41.65	0.00	0.00	0.00	O
-9	710101	51.36	0.00	0.00	0.00	O
-9	720101	52.83	0.00	0.00	0.00	O
-9	730101	27.44	0.00	0.00	0.00	O
-9	740101	34.06	0.00	0.00	0.00	O
-9	750101	30.22	0.00	0.00	0.00	O
-9	760101	26.52	0.00	0.00	0.00	O
-9	770101	24.03	0.00	0.00	0.00	O
-9	780101	19.64	0.00	0.00	0.00	O
-9	790101	17.74	0.00	0.00	0.00	O
-9	800101	12.42	0.00	0.00	0.00	O
-9	810101	13.46	0.00	0.00	0.00	O
-9	820101	0.00	0.00	0.00	0.00	O

oSpectrum, Inc.

Well Production Data

22 January 1996

LL ME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-10	660101	0.00	0.00	0.00	239.00	WI
-10	700101	0.00	0.00	0.00	212.00	WI
-10	750101	0.00	0.00	0.00	186.00	WI
-10	800101	0.00	0.00	0.00	159.00	WI
-10	850101	0.00	0.00	0.00	106.00	WI
-10	870101	0.00	0.00	0.00	0.00	WI

WELL NAME	DATE YYMMDD	OIL RATE (STB/D)	GAS RATE (MSCF/D)	WATER RATE (STB/D)	WATER INJECTION (STB/D)	WELL TYPE (O,WI)
-11	910101	27.15	0.00	0.00	0.00	O
-11	920101	23.87	0.00	0.00	0.00	O
-11	930101	18.83	0.00	0.00	0.00	O
-11	940101	17.58	0.00	0.00	0.00	O
-11	950101	10.00	0.00	0.00	0.00	O

SECTION IV

WELL DATA

Well Name: J.E. WITCHER #5

Map ID: WH-5

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 3029800

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1349984.0

Caliper: Y

Y-coord: 790889.0

Neutron: Y

Ground level: 2918.0

Density:

Open Bushing:

Resistivity: Y

Datum: 2929.0

PDT: Y

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

SLic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: SHELL WITCHER C1

Map ID: SW-C1

Operator:

State Code: 42

Original Operator:

County Code: 135

Lease:

API #: 3461500

Type:

Status:

Survey info

Block: 43 T2S

Section: 25

X-coord: 1350814.0

Y-coord: 793019.0

Ground level: 2908.0

Shelly Bushing: 2923.0

Datum: 2923.0

Total Depth: 9206.0

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

W: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO SOFO #114

Map ID: SF-114

Operator: AMOCO

State Code: 42

Original Operator: HUMBLE OIL

County Code: 135

Lease: SOUTH FOSTER

API #: 0786800

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Loaded:

Section: 30

Gamma Ray: Y

X-coord: 1351852.0

Caliper:

Y-coord: 792926.0

Neutron:

Ground level: 2911.0

Density:

Openly Bushing:

Resistivity:

Datum: 2923.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #65

Map ID: PM-65

Operator:

State Code: 42

Original Operator:

County Code: 135

Lease:

API #: 2125300

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Sonic: Loaded:
Section: 37	Gamma Ray:
X-coord: 1347757.0	Caliper:
Y-coord: 785433.0	Neutron:
Sound level: 2957.0	Density:
Log Bushing:	Resistivity:
Datum: 2968.0	PDT:
Total Depth:	Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information	Bottom of Casing:
ic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: PAUL MOSS #13

Map ID: PM-13

Operator:

State Code: 42

Original Operator: C.P. BAKER

County Code: 135

Lease: PAUL MOSS

API #: 2125100

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded:

Section: 37

Gamma Ray: Y

X-coord: 1350671.0

Caliper:

Y-coord: 785456.0

Neutron:

Ground level: 2934.0

Density:

Open Bushing:

Resistivity:

Datum: 2934.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

SLic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #1

Map ID: MR-1

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: RHODES THOMPSON

County Code: 135

Lease: MAURICE

API #: 0885900

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1353177.0

Caliper:

Y-coord: 787929.0

Neutron:

Ground level: 2931.0

Density:

Openly Bushing:

Resistivity:

Datum: 2940.0

PDT:

Total Depth:

Other:

Workbench Map info

WM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #5

Map ID: JN-5

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0408900

Type:

Status:

Survey info	Log availability (Y/N)	
Block: 42 T2S	Logs:	Sonic: Loaded:
Section: 31		Gamma Ray:
X-coord: 1352716.0		Caliper:
Y-coord: 790759.0		Neutron:
Sound level: 2908.0		Density:
ly Bushing:		Resistivity:
Datum: 2917.0		PDT:
otal Depth:		Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information		Bottom of Casing:	
ic	Loaded	Available	
SLtop:	SLbottom:	SAtop:	SAbottom:
		SSubsurf:	
		SLoglib:	
		SOther:	
		Available	
ma Ray	Loaded	GAtop:	GAbottom:
GLtop:	GLbottom:		
		GSubsurf:	
		GLoglib:	
		GOther:	

Well Name: J.L. JOHNSON '31' #18

Map ID: JN-18

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3124400

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Y Sonic: Y Loaded: Y
Section: 31	Gamma Ray: Y
X-coord: 1353661.0	Caliper: Y
Y-coord: 789823.0	Neutron: Y
Sound level: 2923.0	Density: Y
Log Bushing:	Resistivity:
Datum: 2937.0	PDT:
Total Depth: 4270.0	Other:

Workbench Map info

W: 1 WSIZE: 1 WCLR: 2

& Casing Information	Bottom of Casing: 338.0
ic Loaded	Available
SLtop: 229.5 SLbottom: 4265.0	SAtop: 323.0 SAbottom: 4264.0

SSubsurf: N/A
SLoglib:
SOther: W9047N

Gamma Ray	Loaded	Available
GLtop:	GLbottom:	GAtop: GAbottom:

GSubsurf:
GLoglib:
GOther:

Well Name: GRAND ENERGY #1

Map ID: GE-1

Operator:

State Code: 42

Original Operator: FRED TURNER

County Code: 135

Lease: ADDIS

API #: 0762800

Type:

Status:

Survey info	Log availability (Y/N)	
Block: 43 T2S	Logs:	Sonic: Loaded:
Section: 35		Gamma Ray:
X-coord: 1347200.0		Caliper:
Y-coord: 786310.0		Neutron:
Ground level: 2941.0		Density:
Log Bushing:		Resistivity:
Datum: 2941.0		PDT:
Total Depth:		Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information		Bottom of Casing:	
ic	Loaded	Available	
SLtop:	SLbottom:	SAtop:	SAbottom:
		SSubsurf:	
		SLoglib:	
		SOther:	
		Available	
ma Ray	Loaded	GAtop:	GAbottom:
GLtop:	GLbottom:		
		GSubsurf:	
		GLoglib:	
		GOther:	

Well Name: H.C. FOSTER #10

Map ID: FS-10

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER

API #: 3396300

Type: GBSAP

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded: Y
Section: 36	Gamma Ray: Y
X-coord: 1349392.0	Caliper: Y
Y-coord: 788847.0	Neutron: Y
Sound level: 2927.0	Density: Y
Log Bushing:	Resistivity: Y
Datum: 2937.0	PDT: Y
Total Depth:	Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information	Bottom of Casing:
ic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
ma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: FOSTER PEGUES F 4

Map ID: FP-4

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator:

County Code: 135

Lease: FOSTER PEGUES

API #: 3073300

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1351180.0

Caliper: Y

Y-coord: 788718.0

Neutron: Y

Ground level: 2924.0

Density: Y

Log Bushing:

Resistivity: Y

Datum: 2935.0

PDT: Y

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

SLic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: CODY ENERGY #2

Map ID: CE-2

Operator: CODY ENERGY

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 0202300

Type:

Status:

Survey info
Block: 43 T2S
Section: 37
X-coord: 1351158.0
Y-coord: 786257.0
Sound level: 2932.0
Log Bushing:
Datum: 2932.0
Total Depth:

Log availability (Y/N)
Logs: Sonic: Loaded:
Gamma Ray:
Caliper:
Neutron:
Density:
Resistivity:
PDT:
Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information
ic Loaded
SLtop: SLbottom:

Bottom of Casing:
Available
SAtop: SAbottom:
SSubsurf:
SLoglib:
SOther:

Gamma Ray Loaded
GLtop: GLbottom:

Available
GAtop: GAbottom:
GSubsurf:
GLoglib:
GOther:

Well Name: L.E. BROCK #2

Map ID: BR-2

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 0805600

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1346926.0

Caliper:

Y-coord: 790922.0

Neutron:

Ground level: 2927.0

Density:

Log Bushing: 2934.0

Resistivity:

Datum: 2934.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

SLic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO WITCHER #60

Map ID: AW-60

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: J.E. WITCHER

API #: 3035800

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded:

Section: 25

Gamma Ray: Y

X-coord: 1347459.0

Caliper:

Y-coord: 792217.0

Neutron:

Ground level: 2925.0

Density:

Log Bushing:

Resistivity:

Datum: 2934.0

PDT:

Total Depth: 4396.0

Other:

Workbench Map info

W: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: 0.0 SABottom: 4098.0

SSubsurf: N/A

SLoglib:

SOther: W4048R

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: F.V. ADDIS "D" #3

Map ID: AD-3

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: ADDIS

API #: 2156200

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 35

Gamma Ray: Y

X-coord: 1346550.0

Caliper:

Y-coord: 788020.0

Neutron:

Ground level: 2936.0

Density:

Log Bushing:

Resistivity: Y

Datum: 2948.0

PDT:

Total Depth: 9500.0

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: 4437.0 SLbottom: 9506.0

SAtop: 0.0 SABottom: 9500.0

SSubsurf: W1990N

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: F.V. ADDIS "B" #2

Map ID: AB-2

Operator: AMOCO

State Code: 42

Original Operator: FRED TURNER

County Code: 135

Lease: ADDIS

API #: 0762900

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Sonic: Loaded:
Section: 35	Gamma Ray:
X-coord: 1346572.0	Caliper:
Y-coord: 787863.0	Neutron:
Sound level: 2936.0	Density:
Log Bushing:	Resistivity:
Datum: 0.	PDT:
Total Depth:	Other:

Workbench Map info

W: 1 WSIZE: 1 WCLR:2

& Casing Information	Bottom of Casing:
ic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: F.V. ADDIS "A" #2

Map ID: AA-2

Operator: AMOCO

State Code: 42

Original Operator: FRED TURNER

County Code: 135

Lease: ADDIS

API #: 0762700

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 35

Gamma Ray:

X-coord: 1346402.0

Caliper:

Y-coord: 789419.0

Neutron:

Sound level: 2933.0

Density:

ly Bushing: 2938.0

Resistivity:

Datum: 2938.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR:2

& Casing Information

Bottom of Casing:

ic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

ma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: #1 WILLIAM MOSS

Map ID: WM-1

Operator: JOHN L. COX

State Code: 42

Original Operator: GENERAL AMERICAN

County Code: 135

Lease: MAURICE

API #: 3681600

Type:

Status: P&A

Survey info

Block: 42 T2S

Section: 31

X-coord: 1354607.0

Y-coord: 789008.0

Ground level: 2911.0

Log Bushing:

Datum: 2929.0

Total Depth: 14010.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded: Y

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity: Y

PDT:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Log Loaded

SLtop: 360.0 SLbottom: 13990.0

Bottom of Casing: 6200.0

Available

SAtop: 190.0 SABottom: 13976.0

SSubsurf: 0419990

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #9

Map ID: WH-9

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 3039700

Type: GBSAP

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1350898.0

Caliper: Y

Y-coord: 789969.0

Neutron: Y

Ground level: 2920.0

Density:

Open Bushing:

Resistivity: Y

Datum: 2930.0

PDT: Y

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

ic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #8

Map ID: WH-8

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 3039300

Type: CWIW

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1351092.0

Y-coord: 791377.0

Ground level: 2914.0

Log Bushing:

Datum: 2922.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density:

Resistivity: Y

PDT: Y

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #6

Map ID: WH-6

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 3029900

Type: GBSAP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1350624.0

Caliper:

Y-coord: 790747.0

Neutron:

Ground level: 2920.0

Density:

Openly Bushing:

Resistivity: Y

Datum: 2927.0

PDT: Y

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #7

Map ID: WH-7

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 3030000

Type: GBSAP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1350388.0

Y-coord: 791480.0

Ground level: 2919.0

Log Bushing:

Datum: 2927.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density:

Resistivity: Y

PDT: Y

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #4

Map ID: WH-4

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 0688000

Type: CWIW

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1350173.0

Caliper:

Y-coord: 790115.0

Neutron:

Ground level: 2921.0

Density:

Open Hole Bushing: 2930.0

Resistivity:

Datum: 2930.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Bottom of Casing:

ic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #3

Map ID: WH-3

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 0687900

Type: GBP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1349578.0

Y-coord: 791572.0

Ground level: 2922.0

Log Bushing:

Datum: 2928.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity:

PDT: Y

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

& Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #2

Map ID: WH-2

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 0687800

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1351460.0

Caliper:

Y-coord: 790437.0

Neutron:

Round level: 2917.0

Density:

ully Bushing: 2928.0

Resistivity:

Datum: 2928.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #11

Map ID: WH-11

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 3502900

Type: GBP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1351127.0

Y-coord: 791725.0

Ground level: 2919.0

Shelly Bushing:

Datum: 2934.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density: Y

Resistivity: Y

PDT: Y

Other: Y

Workbench Map info

WM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #10

Map ID: WH-10

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 2106600

Type: WIW

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1351890.0

Caliper:

Y-coord: 791226.0

Neutron:

Round level: 2912.0

Density: Y

ully Bushing: 2922.0

Resistivity:

Datum: 2922.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

S & Casing Information

Bottom of Casing:

nic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.E. WITCHER #1

Map ID: WH-1

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: WITCHER

API #: 0687700

Type: GBP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1351366.0

Y-coord: 792123.0

Ground level: 2911.0

Shelly Bushing:

Datum: 2921.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity:

PDT: Y

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: UNION #201-1

Map ID: UN201-1

Operator: UNION OIL

State Code: 42

Original Operator: OIL WELL DRILLING

County Code: 135

Lease: PAUL MOSS

API #: 0229800

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 42

Gamma Ray:

X-coord: 1355986.0

Caliper:

Y-coord: 787773.0

Neutron:

Ground level: 2908.0

Density:

Open Bushing:

Resistivity:

Datum: 2912.0

PDT:

Total Depth:

Other:

Workbench Map info

M: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: T.J. MARTIN #1

Map ID: TM-1

Operator:

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: T.J. MARTIN

API #: 0816500

Type:

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded:

Section: 38

Gamma Ray: Y

X-coord: 1347380.0

Caliper:

Y-coord: 785666.0

Neutron:

Round level:

Density:

ully Bushing:

Resistivity: Y

Datum: 2966.0

PDT:

Total Depth: 14330.0

Other:

Workbench Map info

WM: 1 WSIZE: 1 WCLR: 2

Casing & Information

Bottom of Casing: 4350.0

SLic Loaded

Available

SLtop: 4208.5 SLbottom: 14341.0

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: SOFO COOP #8

Map ID: SF-8

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: SOUTH FOSTER

API #: 3033600

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 30

Gamma Ray: Y

X-coord: 1351712.0

Caliper: Y

Y-coord: 792625.0

Neutron:

Round level: 2914.0

Density:

ully Bushing:

Resistivity:

Datum: 2924.0

PDT: Y

Total Depth: 4080.0

Other:

Workbench Map info

WM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 3875.0

Log Loaded

Available

SLtop: 3706.0 SLbottom: 4073.0

SAtop: 3875.0 SAbottom: 4072.0

SSubsurf: N/A

SLoglib:

SOther: W3987F

Gamma Ray Loaded

Available

GLtop: 3000.5 GLbottom: 4056.0

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: SOFO COOP #7

Map ID: SF-7

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: SOUTH FOSTER

API #: 3030800

Type: WIW

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Y Sonic: Y Loaded:
Section: 30	Gamma Ray: Y
X-coord: 1354172.0	Caliper:
Y-coord: 793216.0	Neutron:
Round level: 2914.0	Density:
ully Bushing:	Resistivity:
Datum: 2914.0	PDT:
Total Depth: 4190.0	Other:

Workbench Map info

WM: 1 WSIZE: 1 WCLR: 2

Casing Information	Bottom of Casing:
SLtop: SLbottom:	Available
	SAtop: 3950.0 SAbottom: 4183.0

SSubsurf: N/A
SLoglib:
SOther: W3726J

Gamma Ray	Loaded	Available
GLtop: GLbottom:		
		GAtop: GAbottom:

GSubsurf:
GLoglib:
GOther:

Well Name: SOFO COOP #4

Map ID: SF-4

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: SOUTH FOSTER

API #: 2105800

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 30

Gamma Ray:

X-coord: 1353026.0

Caliper:

Y-coord: 792919.0

Neutron:

Ground level: 2909.0

Density:

elly Bushing:

Resistivity:

Datum: 2909.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: SOFO COOP #3

Map ID: SF-3

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: SOUTH FOSTER

API #: 2089600

Type: WIW

Status:

Survey info

Block: 43 T2S

Log availability (Y/N)

Section: 25

Logs: Y Sonic: Loaded: Y

X-coord: 1350323.0

Gamma Ray: Y

Y-coord: 792242.0

Caliper:

Ground level: 2917.0

Neutron:

elly Bushing:

Density:

Datum: 2928.0

Resistivity:

Total Depth:

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO SOFO #162

Map ID: SF-162

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: SOUTH FOSTER

API #: 3196200

Type:

Status:

Survey info

Block: 43 T2S

Section: 25

X-coord: 1351014.0

Y-coord: 793263.0

Ground level: 2910.0

elly Bushing:

Datum: 2910.0

Total Depth: 4315.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded:

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing: 3862.0

Available

SAtop: 0.0 SAbottom: 4100.0

SSubsurf: N/A

SLoglib:

SOther: W8020S

amma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO SOFO #152

Map ID: SF-152

Operator: AMOCO

State Code: 42

Original Operator: AMOCO PROD.

County Code: 135

Lease: SOUTH FOSTER

API #: 3064200

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Y Loaded:

Section: 30

Gamma Ray: Y

X-coord: 1352218.0

Caliper:

Y-coord: 793546.0

Neutron:

Ground level: 2899.0

Density:

elly Bushing:

Resistivity: Y

Datum: 2907.0

PDT:

Total Depth: 4290.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 3920.0

onic Loaded

Available

SLtop: SLbottom:

SAtop: 0.0 SABottom: 4526.0

SSubsurf: N/A

SLoglib:

SOther: W7380J, W5653N

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO SOFO #127

Map ID: SF-127

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: SOUTH FOSTER

API #: 3015600

Type:

Status:

Survey info

Block: 43 T2S

Section: 25

X-coord: 1350672.0

Y-coord: 793660.0

Ground level: 2901.0

elly Bushing:

Datum: 2910.0

Total Depth: 4130.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing: 3896.0

Available

SAtop: 3895.0 SAbottom: 4127.0

SSubsurf: N/A

SLoglib:

SOther: W3078P

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO SOFO #126

Map ID: SF-126

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: SOUTH FOSTER

API #: 3014300

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded:

Section: 25

Gamma Ray: Y

X-coord: 1350155.0

Caliper:

Y-coord: 792937.0

Neutron:

Ground level: 2915.0

Density:

ully Bushing:

Resistivity:

Datum: 2916.0

PDT:

Total Depth: 4150.0

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 3893.0

onic Loaded

Available

SLtop: SLbottom:

SAtop: 3893.0 SABottom: 4139.0

SSubsurf: N/A

SLoglib:

SOther: W3061N

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO SOFO #113

Map ID: SF-113

Operator: AMOCO

State Code: 42

Original Operator: SHELL OIL

County Code: 135

Lease: J.E. WITCHER

API #: 0687500

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 25

Gamma Ray:

X-coord: 1351089.0

Caliper:

Y-coord: 792852.0

Neutron:

Ground level: 2905.0

Density:

elly Bushing:

Resistivity:

Datum: 2905.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SATop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Map ID: SF-112

State Code: 42

County Code: 135

API #: 0687600

Status:

Workbench Map info

Log & Casing Information		Bottom of Casing:	
onic	Loaded	Available	
SLtop:	SLbottom:	SAtop:	SAbottom:
		SSubsurf:	
		SLoglib:	
		SOther:	
Gamma Ray	Loaded	Available	
GLtop:	GLbottom:	GAtop:	GAbottom:
		GSubsurf:	
		GLoglib:	
		GOther:	

Well Name: AMOCO SOFO #109

Map ID: SF-109

Operator: AMOCO

State Code: 42

Original Operator: SHELL OIL

County Code: 135

Lease: J.E. WITCHER

API #: 0687400

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 25

Gamma Ray:

X-coord: 1349155.0

Caliper:

Y-coord: 793280.0

Neutron:

Ground level: 2915.0

Density:

elly Bushing:

Resistivity:

Datum: 2920.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SATop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: READING MOSS #5

Map ID: RM-5

Operator: FLAG-REDFERN

State Code: 42

Original Operator: C.P. BAKER

County Code: 135

Lease: PAUL MOSS

API #: 3420200

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 37

Gamma Ray:

X-coord: 1349827.0

Caliper:

Y-coord: 786118.0

Neutron:

round level: 2934.0

Density:

lly Bushing:

Resistivity:

Datum: 2941.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

g & Casing Information

Bottom of Casing:

nic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

mma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: READING MOSS #1

Map ID: RM-1

Operator:

State Code: 42

Original Operator: C.P. BAKER

County Code: 135

Lease: PAUL MOSS

API #: 0191900

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 37

Gamma Ray:

X-coord: 1349875.0

Caliper:

Y-coord: 785953.0

Neutron:

Round level: 2934.0

Density:

illy Bushing:

Resistivity:

Datum: 2939.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: RICHMOND #2

Map ID: RH-2

Operator:

State Code: 42

Original Operator: RICHMOND DRILLING

County Code: 135

Lease: J.F. MAURICE

API #: 0816800

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Sonic: Loaded:
Section: 32	Gamma Ray:
X-coord: 1358519.0	Caliper:
Y-coord: 789413.0	Neutron:
Ground level: 2900.0	Density:
elly Bushing:	Resistivity:
Datum: 2909.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded
SLtop: SLbottom:

Bottom of Casing:

Available
SATop: SABottom:

SSubsurf:
SLoglib:
SOther:

Gamma Ray Loaded
GLtop: GLbottom:

Available
GATop: GABottom:

GSubsurf:
GLoglib:
GOther:

Well Name: RICHMOND #1

Map ID: RH-1

Operator:

State Code: 42

Original Operator: RICHMOND DRILLING

County Code: 135

Lease: RESSIE MAURICE

API #: 0893000

Type:

Status:

Survey info

Block: 42 T2S

Log availability (Y/N)

Section: 32

Logs: Sonic: Loaded:

X-coord: 1358202.0

Gamma Ray:

Y-coord: 790694.0

Caliper:

Round level: 2902.0

Neutron:

Open Bushing:

Density:

Datum: 2902.0

Resistivity:

Total Depth:

PDT:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #8 WIW

Map ID: PM-8

Operator:

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 2127300

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded:

Section: 37

Gamma Ray: Y

X-coord: 1351955.0

Caliper:

Y-coord: 785778.0

Neutron:

Round level: 2920.0

Density:

Openly Bushing:

Resistivity:

Datum: 2930.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #5

Map ID: PM-5

Operator: KERR MCGEE

State Code: 42

Original Operator: C.P. BAKER

County Code: 135

Lease: PAUL MOSS

API #: 0192400

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 37

Gamma Ray:

X-coord: 1349246.0

Caliper:

Y-coord: 785060.0

Neutron:

Ground level: 2938.0

Density:

ally Bushing:

Resistivity:

Datum: 2941.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #7

Map ID: PM-7

Operator:

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease:

API #: 0203200

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 37

Gamma Ray:

X-coord: 1353239.0

Caliper:

Y-coord: 786099.0

Neutron:

Ground level: 2909.0

Density:

elly Bushing:

Resistivity:

Datum: 2909.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #3X

Map ID: PM-3X

Operator: FOREST OIL

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 0208900

Type:

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 38

Gamma Ray:

X-coord: 1347246.0

Caliper:

Y-coord: 784926.0

Neutron:

Ground level: 2940.0

Density:

elly Bushing:

Resistivity:

Datum: 2949.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #2A

Map ID: PM-2A

Operator:

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 0202200

Type:

Status:

Survey info	Log availablity (Y/N)
Block: 42 T2S	Logs: Sonic: Loaded:
Section: 42	Gamma Ray:
X-coord: 1354650.0	Caliper:
Y-coord: 787475.0	Neutron:
Ground level: 2910.0	Density:
elly Bushing:	Resistivity:
Datum: 2919.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Log Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: PAUL MOSS #2

Map ID: PM-2

Operator: KERR MCGEE

State Code: 42

Original Operator: C.P. BAKER

County Code: 135

Lease: PAUL MOSS

API #: 0192000

Type:

Status:

Survey info

Block: 43 T2S

Section: 37

X-coord: 1348603.0

Y-coord: 785656.0

Ground level: 2939.0

elly Bushing:

Datum: 2943.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #195

Map ID: PM-195

Operator:

State Code: 42

Original Operator:

County Code: 135

Lease:

API #: 3408200

Type:

Status:

Survey info

Block: 42 T2S

Section: 42

X-coord: 1353124.0

Y-coord: 786709.0

Ground level:

elly Bushing:

Datum: 0.

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #184

Map ID: PM-184

Operator:

State Code: 42

Original Operator: SUN OIL

County Code: 135

Lease: PAUL MOSS

API #: 3298000

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 37

Gamma Ray:

X-coord: 1351796.0

Caliper:

Y-coord: 786420.0

Neutron:

Ground level:

Density:

elly Bushing:

Resistivity:

Datum: 0.

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: PAUL MOSS #14

Map ID: PM-14

Operator:

State Code: 42

Original Operator:

County Code: 135

Lease:

API #: 3164200

Type:

Status:

Survey info

Block: 43 T2S

Section: 37

X-coord: 1348776.0

Y-coord: 784862.0

Ground level: 2940.0

elly Bushing:

Datum: 2940.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SATop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #9

Map ID: MR-9

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: GENERAL AMERICAN

County Code: 135

Lease: MAURICE

API #: 3358900

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 31

Gamma Ray: Y

X-coord: 1354072.0

Caliper: Y

Y-coord: 788344.0

Neutron: Y

Ground level: 2918.0

Density: Y

elly Bushing: 2929.0

Resistivity: Y

Datum: 2929.0

PDT: Y

Total Depth: 4600.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 350.0

onic Loaded

Available

SLtop: SLbottom:

SAtop: 310.0 SABottom: 4539.0

SSubsurf: N/A

SLoglib:

SOther: Y3619E

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #8

Map ID: MR-8

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: GENERAL AMERICAN

County Code: 135

Lease: MAURICE

API #: 3329000

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 31

Gamma Ray: Y

X-coord: 1357257.0

Caliper: Y

Y-coord: 789088.0

Neutron: Y

Ground level: 2907.0

Density: Y

elly Bushing:

Resistivity: Y

Datum: 2919.0

PDT: Y

Total Depth: 4500.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 341.0

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: 2450.0 SAbottom: 4448.0

SSubsurf: N/A

SLoglib:

SOther: Y1010E

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #7

Map ID: MR-7

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: GENERAL AMERICAN

County Code: 135

Lease: MAURICE

API #: 3015700

Type: WIW

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1355571.0

Y-coord: 788057.0

Ground level: 2902.0

elly Bushing:

Datum: 2912.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity:

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #6

Map ID: MR-6

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: GENERAL AMERICAN

County Code: 135

Lease: MAURICE

API #: 3015800

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1352976.0

Caliper:

Y-coord: 787385.0

Neutron:

Ground level: 2922.0

Density:

ully Bushing: 2931.0

Resistivity:

Datum: 2931.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #5

Map ID: MR-5

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: RHODES THOMPSON

County Code: 135

Lease: MAURICE

API #: 0886200

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1356148.0

Caliper:

Y-coord: 788944.0

Neutron:

Ground level: 2899.0

Density:

elly Bushing:

Resistivity:

Datum: 2908.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SATop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #4

Map ID: MR-4

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: RHODES THOMPSON

County Code: 135

Lease: MAURICE

API #: 0886100

Type: GBP

Status:

Survey info

Log availablity (Y/N)

Block: 42 T2S

Logs: Y Sonic: Loaded: Y

Section: 31

Gamma Ray: Y

X-coord: 1356874.0

Caliper:

Y-coord: 790105.0

Neutron:

Ground level: 2916.0

Density:

elly Bushing:

Resistivity:

Datum: 2925.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #3

Map ID: MR-3

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: RHODES THOMPSON

County Code: 135

Lease: MAURICE

API #: 0886000

Type: GBP

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1355701.0

Y-coord: 789424.0

Ground level: 2905.0

elly Bushing:

Datum: 2916.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MAURICE #2

Map ID: MR-2

Operator: PHILLIPS PETROLEUM

State Code: 42

Original Operator: RHODES THOMPSON

County Code: 135

Lease: MAURICE

API #: 0816900

Type: GBP

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1354569.0

Y-coord: 788768.0

Ground level: 2912.0

elly Bushing:

Datum: 2924.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MCCURDY FOSTER PEGUES #1 Map ID: MP-1

Operator: LAGUNA PETROLEUM State Code: 42

Original Operator: FUNDAMENTAL County Code: 135

Lease: FOSTER PEGUES API #: 3011800

Type: GBP Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1350779.0

Y-coord: 787908.0

Ground level: 2936.0

elly Bushing:

Datum: 2945.0

Total Depth: 9253.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded: Y

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity: Y

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: 4480.0 SLbottom: 9240.0

Bottom of Casing: 4440.0

Available

SAtop: 4479.0 SAbottom: 9250.0

SSubsurf: W2925P

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: MCCURDY FOSTER #1

Map ID: MF-1

Operator:

State Code: 42

Original Operator: MCCURDY

County Code: 135

Lease: FOSTER

API #: 0476300

Type:

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1348044.0

Caliper:

Y-coord: 786482.0

Neutron:

Ground level: 2938.0

Density:

elly Bushing:

Resistivity:

Datum: 2938.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SATop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: LYDA MAE JOHNSON #1A

Map ID: LJ-1A

Operator: SUN

State Code: 42

Original Operator:

County Code: 135

Lease:

API #: 3453400

Type:

Status:

Survey info

Block: 42 T2S

Section: 32

X-coord: 1357469.0

Y-coord: 792233.0

Ground level: 2898.0

ally Bushing:

Datum: 2898.0

Total Depth:

Log availablity (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: KEWANEE FOSTER #2

Map ID: KF-2

Operator: PETROLEUM VENTURES

State Code: 42

Original Operator: PETROLEUM VENTURES

County Code: 135

Lease: SOUTH COWDEN

API #: 3060000

Type: CAN

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1348467.0

Caliper:

Y-coord: 788406.0

Neutron:

Ground level: 2938.0

Density: Y

elly Bushing:

Resistivity:

Datum: 2943.0

PDT:

Total Depth: 9100.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 4312.0

Sonic Loaded

Available

SLtop: 4310.0 SLbottom: 9090.0

SAtop: 4312.0 SAbottom: 9095.0

SSubsurf: W5409F

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: KEWANEE FOSTER #1

Map ID: KF-1

Operator: PETROLEUM VENTURES

State Code: 42

Original Operator: BLAIR FRENCH

County Code: 135

Lease: SOUTH COWDEN

API #: 2116600

Type: CAN

Status: P&A

Survey info

Log availablity (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded:

Section: 36

Gamma Ray: Y

X-coord: 1348158.0

Caliper: Y

Y-coord: 786698.0

Neutron:

Ground level: 2943.0

Density:

elly Bushing:

Resistivity: Y

Datum: 2953.0

PDT:

Total Depth: 13980.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 4342.0

onic Loaded

Available

SLtop: 4275.5 SLbottom: 9277.0

SAtop: 4270.0 SAbottom: 9275.0

SSubsurf: W8596L

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #9

Map ID: JN-9

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409300

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Sonic: Loaded:
Section: 31	Gamma Ray:
X-coord: 1356579.0	Caliper:
Y-coord: 791666.0	Neutron:
Ground level: 2907.0	Density:
elly Bushing:	Resistivity:
Datum: 2918.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: J.L. JOHNSON '31' #7

Map ID: JN-7

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409100

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1356260.0

Caliper:

Y-coord: 792946.0

Neutron:

Ground level: 2895.0

Density:

elly Bushing:

Resistivity:

Datum: 2906.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #6

Map ID: JN-6

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409000

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1353056.0

Y-coord: 789484.0

Round level: 2922.0

Log Bushing:

Datum: 2933.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #4

Map ID: JN-4

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0429600

Type:

Status:

Survey info

Block: 42 T2S

Log availability (Y/N)

Section: 31

Logs: Sonic: Loaded:

X-coord: 1353998.0

Gamma Ray:

Y-coord: 791064.0

Caliper:

Round level: 2912.0

Neutron:

Openly Bushing:

Density:

Datum: 2920.0

Resistivity:

Total Depth:

PDT:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #3

Map ID: JN-3

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0429500

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1354969.0

Y-coord: 792644.0

Ground level: 2907.0

elly Bushing:

Datum: 2916.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #24

Map ID: JN-24

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3565700

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1352670.0

Caliper:

Y-coord: 790954.0

Neutron:

Ground level: 2907.0

Density:

elly Bushing: 2921.0

Resistivity:

Datum: 2921.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #23

Map ID: JN-23

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3518000

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1352404.0

Y-coord: 792051.0

Round level: 2913.0

ully Bushing: 2931.0

Datum: 2931.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

g & Casing Information

nic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

mma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #22

Map ID: JN-22

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3461300

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1355527.0

Y-coord: 791290.0

Ground level: 2907.0

elly Bushing:

Datum: 2919.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #20

Map ID: JN-20

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3173900

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1353375.0

Y-coord: 791629.0

Ground level: 2914.0

elly Bushing:

Datum: 2925.0

Total Depth: 4285.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded:

Gamma Ray: Y

Caliper:

Neutron:

Density: Y

Resistivity: Y

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: 181.5 SLbottom: 4266.0

Bottom of Casing:

Available

SATop: 170.0 SABottom: 4268.0

SSubsurf: N/A

SLoglib:

SOther: W1780W

Gamma Ray Loaded

GLtop: GLbottom:

Available

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #2

Map ID: JN-2

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0429400

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1353721.0

Caliper:

Y-coord: 792257.0

Neutron:

Ground level: 2912.0

Density:

elly Bushing:

Resistivity:

Datum: 2921.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #19

Map ID: JN-19

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3124500

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1352675.0

Y-coord: 789985.0

Ground level: 2916.0

elly Bushing: 2929.0

Datum: 2929.0

Total Depth: 4198.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded:

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity: Y

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: 1407.0 SLbottom: 4197.0

Bottom of Casing: 338.0

Available

SAtop: 1408.0 SAbottom: 4198.0

SSubsurf: N/A

SLoglib:

SOther: W9123P

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #17

Map ID: JN-17

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3093300

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Y Loaded:

Section: 31

Gamma Ray: Y

X-coord: 1354752.0

Caliper:

Y-coord: 790547.0

Neutron:

Ground level: 2916.0

Density:

elly Bushing:

Resistivity: Y

Datum: 2925.0

PDT:

Total Depth: 4280.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

og & Casing Information

Bottom of Casing: 300.0

onic Loaded

Available

SLtop: 249.0 SLbottom: 4275.5

SAtop: 150.0 SABottom: 4275.0

SSubsurf: N/A

SLoglib:

SOther: W7601F

amma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #16

Map ID: JN-16

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3093200

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Y Sonic: Y Loaded:
Section: 31	Gamma Ray: Y
X-coord: 1354344.0	Caliper:
Y-coord: 792504.0	Neutron:
Ground level: 2906.0	Density: Y
elly Bushing:	Resistivity:
Datum: 2917.0	PDT:
Total Depth: 4259.0	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing: 334.0
Sonic Loaded	Available
SLtop: 68.5 SLbottom: 4246.0	SAtop: 50.0 SAbottom: 4247.0

SSubsurf: N/A
SLoglib:
SOther: W7583R

Gamma Ray	Loaded	Available
GLtop:	GLbottom:	GAtop: GAbottom:

GSubsurf:
GLoglib:
GOther:

Well Name: J.L. JOHNSON '31' #15

Map ID: JN-15

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 3053500

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1355564.0

Y-coord: 792876.0

Ground level: 2889.0

elly Bushing:

Datum: 2902.0

Total Depth: 4458.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded:

Gamma Ray: Y

Caliper:

Neutron:

Density: Y

Resistivity: Y

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: 2801.5 SLbottom: 4450.0

Bottom of Casing: 311.0

Available

SATop: 2800.0 SABottom: 4454.0

SSubsurf: W5003R

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #14

Map ID: JN-14

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409800

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Sonic: Loaded:
Section: 31	Gamma Ray:
X-coord: 1356021.0	Caliper:
Y-coord: 790937.0	Neutron:
Ground level: 2908.0	Density:
elly Bushing:	Resistivity:
Datum: 2916.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Log Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: J.L. JOHNSON '31' #13

Map ID: JN-13

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409700

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 31

Gamma Ray:

X-coord: 1354535.0

Caliper:

Y-coord: 791791.0

Neutron:

Ground level: 2910.0

Density:

elly Bushing:

Resistivity:

Datum: 2917.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

og & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #12

Map ID: JN-12

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409600

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Sonic: Loaded:
Section: 31	Gamma Ray:
X-coord: 1352807.0	Caliper:
Y-coord: 791794.0	Neutron:
Ground level: 2912.0	Density:
elly Bushing:	Resistivity:
Datum: 2920.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Log Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: J.L. JOHNSON '31' #10

Map ID: JN-10

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0409400

Type:

Status:

Survey info

Block: 42 T2S

Section: 31

X-coord: 1354460.0

Y-coord: 790030.0

Ground level: 2918.0

elly Bushing:

Datum: 2928.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: J.L. JOHNSON '31' #1

Map ID: JN-1

Operator: GREAT WESTERN

State Code: 42

Original Operator: GREAT WESTERN

County Code: 135

Lease: JOHNSON

API #: 0390400

Type:

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Sonic: Loaded:
Section: 31	Gamma Ray:
X-coord: 1352016.0	Caliper:
Y-coord: 792297.0	Neutron:
Ground level: 2912.0	Density:
ully Bushing:	Resistivity:
Datum: 2923.0	PDT:
Total Depth:	Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

g & Casing Information	Bottom of Casing:
nic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
mma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: H.C. FOSTER #9

Map ID: FS-9

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER

API #: 3259100

Type: GBSAP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1349513.0

Y-coord: 788022.0

Ground level: 2929.0

Well Bushing: 2939.0

Datum: 2939.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density: Y

Resistivity: Y

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #8

Map ID: FS-8

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER

API #: 3359500

Type: GBSAP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1348572.0

Caliper: Y

Y-coord: 788034.0

Neutron: Y

Ground level: 2931.0

Density: Y

elly Bushing: 2941.0

Resistivity: Y

Datum: 2941.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #7

Map ID: FS-7

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER

API #: 3359000

Type: GBSAP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1348400.0

Y-coord: 787685.0

Ground level: 2932.0

ully Bushing: 2942.0

Datum: 2942.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density: Y

Resistivity: Y

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #6

Map ID: FS-6

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER

API #: 3302300

Type: CWIW

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded: Y
Section: 36	Gamma Ray: Y
X-coord: 1349486.0	Caliper: Y
Y-coord: 787835.0	Neutron: Y
Ground level: 2930.0	Density: Y
elly Bushing: 2940.0	Resistivity: Y
Datum: 2940.0	PDT: Y
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
onic Loaded	Available
SLtop: SLbottom:	SAtop: SABottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GABottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: H.C. FOSTER #5

Map ID: FS-5

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER

API #: 3111800

Type: CWIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1348861.0

Caliper: Y

Y-coord: 787584.0

Neutron: Y

Ground level: 2932.0

Density:

elly Bushing: 2943.0

Resistivity: Y

Datum: 2943.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

og & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #4

Map ID: FS-4

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: KEWANEE

County Code: 135

Lease: FOSTER

API #: 0491100

Type: GBP

Status: P&A

Survey info

Block: 43 T2S

Section: 36

X-coord: 1348265.0

Y-coord: 786920.0

Ground level: 2935.0

elly Bushing: 2940.0

Datum: 2940.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SATop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GATop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #3

Map ID: FS-3

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: KEWANEE

County Code: 135

Lease: FOSTER

API #: 0491000

Type: GBP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1347853.0

Y-coord: 788197.0

Ground level: 2930.0

elly Bushing:

Datum: 2930.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density: Y

Resistivity: Y

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Logmic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #2

Map ID: FS-2

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: KEWANEE

County Code: 135

Lease: FOSTER

API #: 0490900

Type: GBP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1349562.0

Y-coord: 787259.0

Ground level: 2925.0

elly Bushing:

Datum: 2930.0

Total Depth: 4130.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: 3000.5 SLbottom: 4120.0

Bottom of Casing: 3746.0

Available

SATop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: H.C. FOSTER #1

Map ID: FS-1

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: KEWANEE

County Code: 135

Lease: FOSTER

API #: 0490800

Type: CWIW

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1349222.0

Y-coord: 788528.0

Ground level: 2928.0

elly Bushing: 2940.0

Datum: 2940.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: FOSTER PEGUES P-2

Map ID: FP-P2

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 3014800

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1351597.0

Caliper:

Y-coord: 787058.0

Neutron:

Ground level: 2929.0

Density:

Open Hole Bushing:

Resistivity:

Datum: 2940.0

PDT: Y

Total Depth:

Other:

Workbench Map info

WELL: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: FOSTER PEGUES P-1

Map ID: FP-P1

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 0822000

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1352085.0

Caliper:

Y-coord: 787880.0

Neutron:

Ground level: 2931.0

Density:

elly Bushing:

Resistivity:

Datum: 2941.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: FOSTER PEGUES F 9

Map ID: FP-9

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 3349400

Type: GBSAP

Status:

Survey info	Log availablity (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded: Y
Section: 36	Gamma Ray: Y
X-coord: 1352019.0	Caliper: Y
Y-coord: 789528.0	Neutron: Y
Ground level: 2922.0	Density: Y
elly Bushing: 2932.0	Resistivity: Y
Datum: 2932.0	PDT: Y
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: FOSTER PEGUES F 8

Map ID: FP-8

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator:

County Code: 135

Lease: FOSTER PEGUES

API #: 3312200

Type: GBSAP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1350150.0

Caliper: Y

Y-coord: 789049.0

Neutron: Y

Ground level: 2925.0

Density: Y

elly Bushing:

Resistivity: Y

Datum: 2938.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: FOSTER PEGUES F 7

Map ID: FP-7

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 3085700

Type: GBP

Status:

Survey info
Block: 43 T2S
Section: 36
X-coord: 1351053.0
Y-coord: 789316.0
Ground level: 2923.0
Casing Bushing:
Datum: 2934.0
Total Depth:

Log availability (Y/N)
Logs: Y Sonic: Loaded: Y
Gamma Ray: Y
Caliper: Y
Neutron: Y
Density:
Resistivity: Y
PDT: Y
Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded
SLtop: SLbottom:

Bottom of Casing:

Available
SATop: SABottom:

SSubsurf:
SLoglib:
SOther:

Gamma Ray Loaded
GLtop: GLbottom:

Available
GATop: GABottom:

GSubsurf:
GLoglib:
GOther:

Well Name: FOSTER PEGUES F 6

Map ID: FP-6

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 3085800

Type: GBSAP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1351236.0

Y-coord: 788792.0

Ground level: 2927.0

ully Bushing: 2937.0

Datum: 2937.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity:

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: FOSTER PEGUES F 5

Map ID: FP-5

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 3085900

Type: GBP

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded: Y
Section: 36	Gamma Ray: Y
X-coord: 1350259.0	Caliper:
Y-coord: 788618.0	Neutron:
Ground level: 2926.0	Density:
elly Bushing:	Resistivity:
Datum: 2937.0	PDT: Y
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: #3-X FOSTER B

Map ID: FP-3X

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 0465200

Type: CWIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1350610.0

Caliper:

Y-coord: 788776.0

Neutron:

Ground level: 2926.0

Density:

elly Bushing: 2935.0

Resistivity:

Datum: 2935.0

PDT:

Total Depth: 4204.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 166.0

onic Loaded

Available

SLtop: 250.0 SLbottom: 4200.0

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: FOSTER PEGUES F 2

Map ID: FP-2

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 0465000

Type: CWIW

Status: P&A

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded: Y
Section: 36	Gamma Ray: Y
X-coord: 1350798.0	Caliper:
Y-coord: 787658.0	Neutron:
Ground level: 2928.0	Density:
elly Bushing:	Resistivity:
Datum: 2938.0	PDT: Y
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: FOSTER PEGUES F 1

Map ID: FP-1

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: FOSTER PEGUES

API #: 0464900

Type: CWIW

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded: Y
Section: 36	Gamma Ray: Y
X-coord: 1351791.0	Caliper:
Y-coord: 789104.0	Neutron:
Ground level: 2923.0	Density:
elly Bushing:	Resistivity:
Datum: 2933.0	PDT: Y
Total Depth:	Other:

SYM: 1 WSIZE: 1 WCLR: 2

Workbench Map info

Log & Casing Information	Bottom of Casing:
onic Loaded	Available
SLtop: SLbottom:	SAtop: SABottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GABottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: BLAIR & FRENCH MOSS #1

Map ID: FM-1

Operator: BLAIR & FRENCH

State Code: 42

Original Operator: FLAG-REDFERN

County Code: 135

Lease: READING MOSS

API #: 2100100

Type:

Status: P&A

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 37

Gamma Ray: Y

X-coord: 1349687.0

Caliper: Y

Y-coord: 785924.0

Neutron:

Ground level: 2934.0

Density:

elly Bushing:

Resistivity: Y

Datum: 2947.0

PDT:

Total Depth: 14012.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 4300.0

Sonic Loaded

Available

SLtop: 4302.0 SLbottom: 14002.0

SATop: 2800.0 SABottom: 14002.0

SSubsurf: W7622G

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: F.A. HENDERSON #7

Map ID: EH-7

Operator: EXXON

State Code: 42

Original Operator:

County Code: 135

Lease:

API #: 3500600

Type:

Status:

Survey info

Log availablity (Y/N)

Block: 42 T2S

Logs: Sonic: Loaded:

Section: 30

Gamma Ray:

X-coord: 1352108.0

Caliper:

Y-coord: 793323.0

Neutron:

Ground level:

Density:

elly Bushing:

Resistivity:

Datum: 0.

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: CODY ENERGY #4-69

Map ID: CE4-69

Operator: CODY ENERGY

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 2129000

Type: WIW

Status:

Survey info	Log availability (Y/N)
Block: 42 T2S	Logs: Y Sonic: Loaded:
Section: 42	Gamma Ray: Y
X-coord: 1355117.0	Caliper:
Y-coord: 786739.0	Neutron:
Ground level: 2915.0	Density:
elly Bushing:	Resistivity:
Datum: 2915.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: CODY ENERGY #4

Map ID: CE-4

Operator: CODY ENERGY

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 0202400

Type:

Status:

Survey info

Log availability (Y/N)

Block: 42 T2S

Logs: Y Sonic: Y Loaded:

Section: 42

Gamma Ray: Y

X-coord: 1353712.0

Caliper:

Y-coord: 786901.0

Neutron:

Ground level: 2921.0

Density:

elly Bushing:

Resistivity:

Datum: 2924.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: 4300.0 SAbottom: 4522.0

SSubsurf: W816G

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: CODY ENERGY #3

Map ID: CE-3

Operator: CODY ENERGY

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 0202100

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Loaded:
Section: 37	Gamma Ray: Y
X-coord: 1352435.0	Caliper:
Y-coord: 786582.0	Neutron:
Ground level: 2924.0	Density:
elly Bushing:	Resistivity:
Datum: 2924.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
onic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: CODY ENERGY #106

Map ID: CE-106

Operator: CODY ENERGY

State Code: 42

Original Operator: FOREST OIL

County Code: 135

Lease: PAUL MOSS

API #: 3016900

Type:

Status:

Survey info

Block: 43 T2S

Section: 37

X-coord: 1351187.0

Y-coord: 786126.0

Ground level: 2932.0

elly Bushing: 2940.0

Datum: 2940.0

Total Depth: 9211.0

Log availability (Y/N)

Logs: Y Sonic: Y Loaded:

Gamma Ray: Y

Caliper: Y

Neutron:

Density: Y

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: 4291.0 SLbottom: 9203.0

Bottom of Casing: 4450.0

Available

SAtop: 4448.0 SABottom: 9199.0

SSubsurf: W3160R

SLoglib:

SOther: W3161F,N

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #9

Map ID: BR-9

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3308500

Type: WIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1348478.0

Caliper: Y

Y-coord: 789113.0

Neutron: Y

Ground level: 2927.0

Density: Y

ully Bushing: 2937.0

Resistivity: Y

Datum: 2937.0

PDT: Y

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #8

Map ID: BR-8

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3302200

Type: GBP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1347898.0

Y-coord: 790758.0

Round level: 2925.0

ully Bushing: 2935.0

Datum: 2935.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density: Y

Resistivity: Y

PDT: Y

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

g & Casing Information

nic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

mma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #7

Map ID: BR-7

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3205400

Type: GBP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1346791.0

Caliper: Y

Y-coord: 790200.0

Neutron: Y

Round level: 2929.0

Density: Y

ully Bushing: 2939.0

Resistivity: Y

Datum: 2939.0

PDT: Y

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

g & Casing Information

Bottom of Casing:

nic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

mma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #6

Map ID: BR-6

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3204800

Type: GBSAP

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1349019.0

Y-coord: 790653.0

Ground level: 2923.0

elly Bushing: 2933.0

Datum: 2933.0

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density:

Resistivity: Y

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #5

Map ID: BR-5

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3029500

Type: GBSAP

Status:

Survey info

Block: 43 T2S

Log availability (Y/N)

Section: 36

Logs: Y Sonic: Y Loaded: Y

X-coord: 1348029.0

Gamma Ray: Y

Y-coord: 790212.0

Caliper: Y

Ground level: 2927.0

Neutron: Y

elly Bushing:

Density:

Datum: 2941.0

Resistivity: Y

Total Depth: 9180.0

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing: 4624.0

Sonic Loaded

Available

SLtop: 3445.0 SLbottom: 9171.5

SATop: 3500.0 SABottom: 9176.0

SSubsurf: W3776N

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #3

Map ID: BR-3

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 0805700

Type: CWIW

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 36

Gamma Ray:

X-coord: 1348722.0

Caliper:

Y-coord: 791362.0

Neutron:

Ground level: 2920.0

Density:

elly Bushing:

Resistivity:

Datum: 2920.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #4

Map ID: BR-4

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 0805800

Type: GBP

Status: P&A

Survey info

Block: 43 T2S

Section: 36

X-coord: 1348889.0

Y-coord: 789795.0

Ground level: 2927.0

elly Bushing:

Datum: 2931.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

amma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #13

Map ID: BR-13

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3538100

Type: CAN

Status:

Survey info

Block: 43 T2S

Section: 36

X-coord: 1347123.0

Y-coord: 790974.0

Ground level: 2927.0

elly Bushing: 2943.0

Datum: 2943.0

Total Depth:

Log availablity (Y/N)

Logs: Y Sonic: Loaded: Y

Gamma Ray: Y

Caliper: Y

Neutron: Y

Density: Y

Resistivity: Y

PDT: Y

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

onic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #12

Map ID: BR-12

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3534900

Type: CAN

Status:

Survey info

Log availablity (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1348413.0

Caliper: Y

Y-coord: 791285.0

Neutron: Y

Ground level: 2923.0

Density: Y

elly Bushing: 2939.0

Resistivity: Y

Datum: 2939.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #11

Map ID: BR-11

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3344200

Type: GBSAP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1347714.0

Caliper: Y

Y-coord: 789535.0

Neutron: Y

Ground level: 2929.0

Density: Y

elly Bushing: 2938.0

Resistivity: Y

Datum: 2938.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #10

Map ID: BR-10

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 3317300

Type: GBSAP

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Loaded: Y

Section: 36

Gamma Ray: Y

X-coord: 1349153.0

Caliper: Y

Y-coord: 789961.0

Neutron: Y

Ground level: 2924.0

Density: Y

elly Bushing: 2934.0

Resistivity: Y

Datum: 2934.0

PDT: Y

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: L.E. BROCK #1

Map ID: BR-1

Operator: LAGUNA PETROLEUM

State Code: 42

Original Operator: ARCO

County Code: 135

Lease: BROCK

API #: 0805900

Type: CWIW

Status: P&A

Survey info

Block: 43 T2S

Section: 36

X-coord: 1347400.0

Y-coord: 789095.0

Ground level: 2928.0

ully Bushing:

Datum: 2938.0

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Logmic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO WITCHER #90

Map ID: AW-90

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: J.E. WITCHER

API #: 3568400

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Sonic: Loaded:
Section: 25	Gamma Ray:
X-coord: 1346375.0	Caliper:
Y-coord: 792213.0	Neutron:
Ground level: 2927.0	Density:
elly Bushing:	Resistivity:
Datum: 2943.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SATop: SABottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GATop: GABottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: AMOCO WITCHER #81

Map ID: AW-81

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: J.E. WITCHER

API #: 3454800

Type:

Status:

Survey info

Block: 43 T2S

Section: 25

X-coord: 1348232.0

Y-coord: 792376.0

Ground level: 2922.0

elly Bushing:

Datum: 0.

Total Depth:

Log availability (Y/N)

Logs: Sonic: Loaded:

Gamma Ray:

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO WITCHER #79

Map ID: AW-79

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: J.E. WITCHER

API #: 3500800

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Sonic: Loaded:
Section: 25	Gamma Ray:
X-coord: 1346376.0	Caliper:
Y-coord: 792087.0	Neutron:
Ground level: 2927.0	Density:
ully Bushing:	Resistivity:
Datum: 0.	PDT:
Total Depth:	Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Log Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: AMOCO WITCHER #50

Map ID: AW-50

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: J.E. WITCHER

API #: 3026100

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded: Y

Section: 25

Gamma Ray: Y

X-coord: 1347599.0

Caliper:

Y-coord: 792231.0

Neutron:

Ground level: 2936.0

Density:

elly Bushing:

Resistivity: Y

Datum: 2937.0

PDT:

Total Depth: 9800.0

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: 4250.0 SLbottom: 9770.0

SATop: 4250.0 SABottom: 9773.0

SSubsurf: W3575F

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO WITCHER #47

Map ID: AW-47

Operator: AMOCO

State Code: 42

Original Operator: STANOLIND

County Code: 135

Lease: J.E. WITCHER

API #: 0693900

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Sonic: Loaded:
Section: 25	Gamma Ray:
X-coord: 1346788.0	Caliper:
Y-coord: 791797.0	Neutron:
Ground level: 2928.0	Density:
elly Bushing:	Resistivity:
Datum: 2928.0	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SAbottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: AMOCO WITCHER #46

Map ID: AW-46

Operator: AMOCO

State Code: 42

Original Operator: STANOLIND

County Code: 135

Lease: J.E. WITCHER

API #: 0693800

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 25

Gamma Ray:

X-coord: 1348502.0

Caliper:

Y-coord: 792216.0

Neutron:

Round level: 2922.0

Density:

Open Bushing:

Resistivity:

Datum: 2922.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Log Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO WITCHER #44

Map ID: AW-44

Operator: AMOCO

State Code: 42

Original Operator: STANOLIND

County Code: 135

Lease: J.E. WITCHER

API #: 0693600

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 25

Gamma Ray:

X-coord: 1347433.0

Caliper:

Y-coord: 792851.0

Neutron:

round level: 2923.0

Density:

lly Bushing:

Resistivity:

Datum: 2927.0

PDT:

Total Depth:

Other:

Workbench Map info

YM: 1 WSIZE: 1 WCLR: 2

g & Casing Information

Bottom of Casing:

nic Loaded

Available

SLtop: SLbottom:

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

mma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO WITCHER #43

Map ID: AW-43

Operator: AMOCO

State Code: 42

Original Operator: STANOLIND

County Code: 135

Lease: J.E. WITCHER

API #: 0693500

Type:

Status:

Survey info
Block: 43 T2S
Section: 25
X-coord: 1346579.0
Y-coord: 792634.0
Ground level: 2926.0
elly Bushing:
Datum: 2926.0
Total Depth:

Log availability (Y/N)
Logs: Sonic: Loaded:
Gamma Ray:
Caliper:
Neutron:
Density:
Resistivity:
PDT:
Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Sonic Loaded
SLtop: SLbottom:

Bottom of Casing:

Available
SATop: SABottom:

SSubsurf:
SLoglib:
SOther:

Gamma Ray Loaded
GLtop: GLbottom:

Available
GATop: GABottom:

GSubsurf:
GLoglib:
GOther:

Well Name: AMOCO WITCHER #3

Map ID: AW-3

Operator: AMOCO

State Code: 42

Original Operator: AMOCO PRODUCTION

County Code: 135

Lease: J.E. WITCHER

API #: 3280200

Type: WIW

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Y Loaded:
Section: 25	Gamma Ray:
X-coord: 1347593.0	Caliper:
Y-coord: 791631.0	Neutron:
Ground level: 2925.0	Density:
elly Bushing:	Resistivity:
Datum: 2945.0	PDT:
Total Depth: 4100.0	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: 3780.0 SLbottom: 4114.0	SAtop: 0.0 SAbottom: 4102.0
	SSubsurf: N/A
	SLoglib:
	SOther: W8029Y
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GAbottom:
	GSubsurf:
	GLoglib:
	GOther:

Well Name: F.V. ADDIS "D" #5

Map ID: AD-5

Operator: AMOCO

State Code: 42

Original Operator:

County Code: 135

Lease: ADDIS

API #: 3297000

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 35

Gamma Ray:

X-coord: 1345790.0

Caliper:

Y-coord: 789959.0

Neutron:

Ground level: 2933.0

Density:

elly Bushing:

Resistivity:

Datum: 2943.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: F.V. ADDIS "D" #4

Map ID: AD-4

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: ADDIS

API #: 3213700

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Y Loaded:
Section: 35	Gamma Ray: Y
X-coord: 1345118.0	Caliper:
Y-coord: 790775.0	Neutron:
Ground level: 2931.0	Density:
elly Bushing:	Resistivity:
Datum: 2953.0	PDT:
Total Depth: 4100.0	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing: 3000.0
Sonic Loaded	Available
SLtop: 2477.0 SLbottom: 4093.0	SAtop: 0.0 SAbottom: 4096.0

SSubsurf: N/A
SLoglib:
SOther: W4370X

Gamma Ray	Loaded	Available
GLtop:	GLbottom:	GAtop: GAbottom:

GSubsurf:
GLoglib:
GOther:

Well Name: F.V. ADDIS "D" 2D

Map ID: AD-2D

Operator: AMOCO

State Code: 42

Original Operator: SKELLY

County Code: 135

Lease: ADDIS

API #: 0762500

Type:

Status:

Survey info

Block: 43 T2S

Section: 35

X-coord: 1346084.0

Y-coord: 790712.0

Ground level: 2941.0

elly Bushing:

Datum: 0.

Total Depth:

Log availability (Y/N)

Logs: Y Sonic: Loaded:

Gamma Ray: Y

Caliper:

Neutron:

Density:

Resistivity:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Log Loaded

SLtop: SLbottom:

Bottom of Casing:

Available

SAtop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

GLtop: GLbottom:

Available

GAtop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: F.V. ADDIS "D" #2

Map ID: AD-2

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: ADDIS

API #: 2153600

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Y Sonic: Y Loaded:
Section: 35	Gamma Ray: Y
X-coord: 1346945.0	Caliper:
Y-coord: 786591.0	Neutron:
Ground level: 2940.0	Density:
elly Bushing:	Resistivity: Y
Datum: 2954.0	PDT:
Total Depth: 9507.0	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: 3828.0 SLbottom: 9498.0	SAtop: 3830.0 SAbottom: 9498.0

SSubsurf: W1736R
SLoglib:
SOther: 1737

Gamma Ray	Loaded	Available
GLtop:	GLbottom:	GAtop: GAbottom:

GSubsurf:
GLoglib:
GOther:

Well Name: AMOCO COWDEN 50 A

Map ID: AC-50A

Operator: AMOCO

State Code: 42

Original Operator: PAN AMERICAN

County Code: 135

Lease: E.F. COWDEN

API #: 0339000

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Sonic: Loaded:

Section: 26

Gamma Ray:

X-coord: 1345939.0

Caliper:

Y-coord: 791604.0

Neutron:

Ground level: 2934.0

Density:

elly Bushing:

Resistivity:

Datum: 0.

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: SLbottom:

SAtop: SABottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO COWDEN 176 A

Map ID: AC-176A

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: E.F. COWDEN

API #: 3568200

Type:

Status:

Survey info

Block: 43 T2S

Log availability (Y/N)

Section: 26

Logs: Sonic: Loaded:

X-coord: 1345489.0

Gamma Ray:

Y-coord: 791258.0

Caliper:

Ground level:

Neutron:

elly Bushing:

Density:

Datum: 0.

Resistivity:

Total Depth:

PDT:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

Sonic Loaded

Available

SLtop: SLbottom:

SATop: SAbottom:

SSubsurf:

SLoglib:

SOther:

Gamma Ray Loaded

Available

GLtop: GLbottom:

GATop: GAbottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO COWDEN 136 A

Map ID: AC-136A

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: E.F. COWDEN

API #: 3214100

Type:

Status:

Survey info

Log availability (Y/N)

Block: 43 T2S

Logs: Y Sonic: Y Loaded:

Section: 26

Gamma Ray:

X-coord: 1345084.0

Caliper:

Y-coord: 791492.0

Neutron:

Ground level:

Density:

elly Bushing:

Resistivity:

Datum: 2935.0

PDT:

Total Depth:

Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information

Bottom of Casing:

onic Loaded

Available

SLtop: 2929.5 SLbottom: 4092.0

SAtop: 0.0 SABottom: 4093.0

SSubsurf: N/A

SLoglib:

SOther: W8013W

Gamma Ray Loaded

Available

GLtop: GLbottom:

GAtop: GABottom:

GSubsurf:

GLoglib:

GOther:

Well Name: AMOCO COWDEN 169 A

Map ID: AC-169A

Operator: AMOCO

State Code: 42

Original Operator: AMOCO

County Code: 135

Lease: E.F. COWDEN

API #: 3435300

Type:

Status:

Survey info	Log availability (Y/N)
Block: 43 T2S	Logs: Sonic: Loaded:
Section: 26	Gamma Ray:
X-coord: 1345293.0	Caliper:
Y-coord: 791550.0	Neutron:
Ground level:	Density:
elly Bushing:	Resistivity:
Datum: 0.	PDT:
Total Depth:	Other:

Workbench Map info

SYM: 1 WSIZE: 1 WCLR: 2

Log & Casing Information	Bottom of Casing:
Sonic Loaded	Available
SLtop: SLbottom:	SAtop: SABottom:
	SSubsurf:
	SLoglib:
	SOther:
Gamma Ray Loaded	Available
GLtop: GLbottom:	GAtop: GABottom:
	GSubsurf:
	GLoglib:
	GOther: