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Geopressured Geothermal Bibliography

Volume III (Geopressure Thesaurus)

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1.0 Introduction

This thesaurus of terminology associated with the geopressured geothermal energy field has been developed as a part of the Geopressured Geothermal Information System data base. It is a compilation of terms displaying synonymous, hierarchical, and other relationships between terms. These terms, which are called descriptors, constitute the special language of the information retrieval system -- the system vocabulary.

The function of this thesaurus is to provide a standardized vocabulary for the information storage and retrieval system to facilitate both the indexing and subject-searching processes. In indexing, a thesaurus is used to translate the natural language of the document to be indexed into the standardized system vocabulary and to place the document at the appropriate level of generality or specificity in relation to the other documents in the data base. In subject retrieval, the thesaurus is used to match the natural language used in search requests with the system vocabulary and to find the most appropriate term to represent a concept. The role of the thesaurus in an information-retrieval system is illustrated in Figure 1.

The Geopressure Thesaurus is such an information retrieval thesaurus. Its role in the Geopressured Geothermal Information System is to provide a controlled vocabulary of sufficient specificity for subject indexing and retrieval of documents in the geopressured geothermal energy field.

Several other thesauri overlap in coverage with the Geopressure Thesaurus. The thesauri most closely related to the Geopressure Thesaurus in coverage are the DOE Energy Information Data Base Subject Thesaurus (8) and the Geothermal Thesaurus being developed at the Lawrence Berkeley Laboratory(LBL) (7). The Geopressure Thesaurus differs from these thesauri in two respects: 1) specificity of the vocabulary or subject scope and 2) display format.

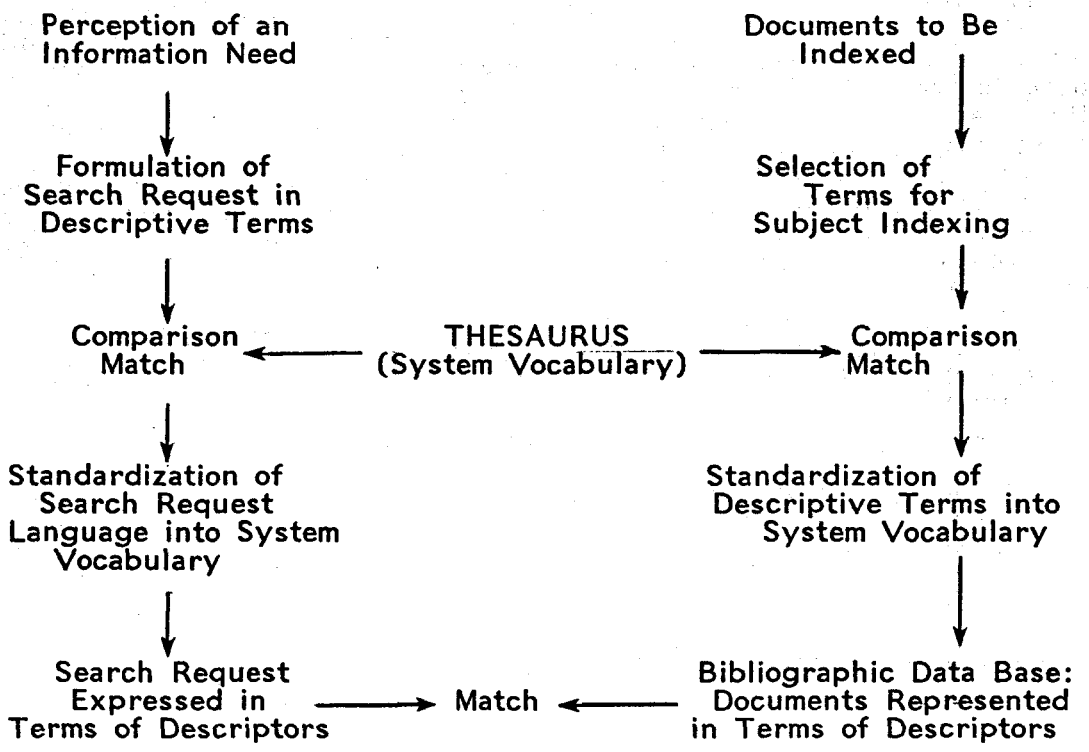

FIGURE 1 Role of a Thesaurus in an Information-Retrieval System

2.0 Subject Scope

The subject scope of the Geopressure Thesaurus includes such topics as:

1. Geopressure resource assessment: geographical distribition, estimated reserves.
2. Geology, hydrology, and geochemistry of geopressured systems.
3. Geopressure exploration and exploration technology: geophysical, geological, geochemical and hydrological methods of detecting and evaluating geopressured resources.
4. Geopressured reservoir engineering and drilling technology: drilling, development, and production of wells, corrosion, well tests, and measurements.
5. Economic aspects: financial incentives, cost estimates, taxation, and economic feasibility of developing geopressured resources for commercial and/or residential utilization.
6. Environmental aspects: effects of geopressure development on air, water, and land environments, subsidence, noise, land use, pollution.
7. Legal, institutional, and sociological aspects: effects of federal, state, and local laws and regulations in geopressure development, land use, societal considerations.
8. Electrical and nonelectrical utilization.
9. Other energy sources, especially methane and other fossil fuel reserves, associated with geopressured reservoirs.

DOE's Energy Information Data Base contains information on all aspects of energy sources, while the LBL Geothermal Thesaurus is limited to the geothermal energy field (6). The Geopressure Thesaurus is being developed to provide a highly specialized indexing vocabulary for geopressure information. Some topics included in the subject scope, such as economic and environmental aspects, are common to all fields, so that the vocabulary structure for environmental and economic terms is nearly identical in all three thesauri. Other topics, such as geographic distribution of abnormal formation pressure and geology of geopressured resources, require descriptors not found in either the DOE or LBL geothermal vocabulary.

3.0 Compatibility

The overlap in coverage between the GGIS Bibliographic Data Base and LBL's GEODOC and DOE's RECON data base increases the possibility of exchange of materials between data bases. To ensure compatibility with these data bases, vocabulary links between the thesauri have been incorporated into the Geopressure Thesaurus in the form of USE refererences. These references guide the user from the form of term used

in other thesauri to the term expressing the same concept in the Geopressure Thesaurus.

The same style of coordinate indexing used in the LBL Geothermal Thesaurus and DOE's Subject Thesaurus has been adopted so that compatibility in hierarchical structure may also be maintained.

4.0 Display Format

The Geopressure Thesaurus differs from most conventional thesauri in that it will be available in an on-line display for interactive searching at a computer terminal. This capability represents a departure from the static, noninteractive searching required in the use of the typical thesaurus which is available in hard-copy only.

An on-line display has several advantages:

1. Availability of the Thesaurus
   The user doesn't need a copy of the thesaurus while searching because he always has access to the most current version of the thesaurus via his computer terminal.

2. Facility of Use
   In an on-line display the computer looks up the term for the user, thus reducing the amount of time spent by the user finding thesaurus terms and devising search strategies for computer-based retrieval.

   Looking at a display for a particular descriptor, the user may decide that he wants to expand it. He can then call up the display for narrower descriptors. The process can be repeated until the proper descriptor is found.

3. Flexibility of Thesaurus Maintenance
   A thesaurus is a dynamic structure which must be continuously revised and updated based on experience in its use so as to reflect the most recent developments in the subject field. Since the input data for the Geopressure Thesaurus is stored in machine-readable form on magnetic media, updating and revision can be continuous. Additions and deletions of terms can be made within the body of the thesaurus rather than in periodic supplements.

5.0 Thesaurus Structure

The guidelines for "Thesaurus Structure, Construction, and Use" (2) issued by the Z39 committee of the American National Standards Institute (ANSI) have been adopted as the standards for the Geopressure Thesaurus.

5.1 Cross-Reference Structure

The relationships used in the GGIS Thesaurus are the following:

Cross-References	Symbols
Use	USE
Broader (more general) term	BT
Narrower (more specific) term	NT
Related term	RT
See	SEE

USE references lead the thesaurus user from a term that is not an authorized term in the system to one that is authorized. They prevent information from being dispersed in the data base under different descriptors representing identical concepts. USE references often refer to a preferred synonym, for example, GEOPRESSURED REGIONS USE GEOPRESSURED ZONES. They also may refer to or from an abbreviation, for example, UNITED STATES OF AMERICA USE USA. The reciprocal of the USE reference, the USED FOR reference, which would ordinarily accompany the term to which the USE reference refers, does not appear in the displays for descriptors in the Geopressure Thesaurus.

The BROADER TERM (BT) and NARROWER TERM (NT) relationships show class membership or geographic inclusion. A BT reference leads the user to a more general term and a NT reference leads to a more specific term; for each BROADER TERM reference there is a corresponding NARROWER TERM reference, for example,

INJECTION WELLS	WELLS
BT1 WELLS	NT1 INJECTION WELLS

The number following the relationship symbol indicates the level in the heirarchy.

TEXAS	USA
BT1 USA	BT1 NORTH AMERICA
BT2 NORTH AMERICA	NT1 TEXAS
NT1 CAMERON COUNTY	
NT1 NUECES COUNTY	

The RELATED TERM reference is used as a guide from a given term to other terms that are closely related in ways other than the BT-NT relationship and that the user might want to be reminded of in his search for the most appropriate authorized descriptor. It may also serve to suggest other fruitful search strategies to the searcher.

PERMEABILITY	POROSITY
RT POROSITY	RT PERMEABILITY

SEE references are discussed in the Term Entry section.

5.2 Term Form

Terms chosen for inclusion in the thesaurus are regularized in form in accordance with the ANSI standards for thesauri. Terms may consist of one to several words but should represent a single concept. In general, noun forms such as single nouns, noun phrases, or gerunds are preferred to adjectival or verb forms. For example, OFFSHORE LICENSING is used rather than LICENSE; INJECTION rather than INJECT. Noun phrases are written to exclude prepositions, for example HEAT EFFECTS rather than EFFECTS OF HEAT. The singular form is used for processes, properties, and unique things; the plural form is used for classes of things. Examples are:

1. Processes:
   Cooling
   Inspection
   Metamorphism
   Sedimentation

2. Properties:
   Density
   High Pressure
   Salinity
   Viscosity

3. Unique Things:
   Earth Planet
   Oxygen

4. Classes of Things:
   Gases
   Petroleum Deposits
   Salts

5.3 Term Entry

Terms consisting of two or more words are entered in their natural word order, for example, BOTTOM HOLE PRESSURE rather than PRESSURE, BOTTOM HOLE. In most thesauri the inverted forms are included as cross-references, for example, PRESSURE (BOTTOM HOLE) USE BOTTOM HOLE PRESSURE. However, inverted entries pose a problem in a thesaurus with an on-line display since the computer only searches for the form of the term entered by the user and inverted terms may be entered in several different ways. This problem is especially evident for terms like PRESSURE and TEMPERATURE which are considered too broad for indexing and searching in a thesaurus of geopressure terms yet have many narrower terms, e.g., BOTTOM HOLE PRESSURE, FLUID PRESSURE, HIGH PRESSURE, which require inverted entry cross-references. In the Geopressure Thesaurus this problem has been handled by grouping the narrower terms under the broader term with a SEE reference indicating that one or more of the narrower terms should be substitiuted for the broader term, for example:

PRESSURE
SEE BOTTOM HOLE PRESSURE
FLUID PRESSURE
VAPOR PRESSURE

SEE references also serve another related purpose. Because the thesaurus is computer generated, each word in a compound term, such as THERMAL EFFLUENTS, is indexed, along with the compound term. To indicate that these individual words are not legitimate descriptors, SEE references are used to direct the user to the appropriate compound term(s). For example, THERMAL EFFLUENTS appears as two separate words:

EFFLUENTS
SEE THERMAL EFFLUENTS
SEE WASTE HEAT

THERMAL
SEE GEOTHERMAL FLUIDS
SEE THERMAL EFFLUENTS

as well as in its correct phrase form:

THERMAL EFFLUENTS
RT GEOTHERMAL FLUIDS
RT WASTE HEAT

The SEE references will also indicate related terms listed under the correct compound term, hence the appearance of WASTE HEAT under EFFLUENTS and GEOTHERMAL FLUIDS under THERMAL. Both are related terms of THERMAL EFFLUENTS.

In the case of compound terms which are not themselves legitimate terms, both SEE and USE references are provided, for example, ACID TREATMENT:

ACID
SEE ACIDIZATION

ACID TREATMENT
USE ACIDIZATION

TREATMENT
SEE ACIDIZATION

6.0 Method of Preparation

A combination of approaches has been used in the construction of the geopressured geothermal vocabulary. First, a small test thesaurus was prepared by converting part of the list of descriptors used by other data bases to index geopressure information into a hierarchical structure. The Lawrence Berkeley Laboratory Geothermal Thesaurus served as the prototype for the hierarchical structure. Second, in order to ensure that the vocabulary reflects current usage in the field, candidate terms were collected from titles, abstracts, and indexing of a representative sample of documents, including documents stored in GEOBIB, numerous review articles, textbooks, and glossaries. Finally, terms were extracted from other more general vocabularies such as "The LBL Geothermal Thesaurus," "DOE Energy Information Data Base Subject Thesaurus," the Engineers Joint Council "Thesaurus of Engineering Terms" (5), the "Thesaurus of

Water Resource Terms" prepared by the Bureau of Reclamation of the U.S. Department of the Interior (9), the American Petroleum Institute "API Thesaurus" (3) , the American Geological Institute "GeoRef Thesaurus and Guide to Indexing" (1), the Engineering Index "SHE: Subject Headings for Engineering" (4), and the "Exploration and Production Thesaurus" prepared by the University of Tulsa (10).

7.0 Work Plan

The flow chart in Figure 2 illustrates the general flow of work in thesaurus construction. This procedure has been followed in the construction of the Geopressure Thesaurus with the exception that a small test thesaurus was prepared using terms from a single primary source. This minithesaurus was then refined and expanded with terms derived from other sources.

As with all thesauri, there are terms which have been inadvertently omitted and terms included whose usefulness is doubtful. In order to detect omissions, ambiguities, redundancies, errors, and needed additional cross-references, three types of tests will be performed:

Consultation with subject experts
Interactive retrieval experiments, including analysis of user search requests
Indexing experiments

Since a thesaurus is a dynamic structure in need of continuous revision, the list of terms will be reviewed periodically and the classificatory structure refined to ensure effective retrieval. Unused terms will be evaluated for possible elimination and new terms will be added when they are needed for indexing. A new thesaurus will be published annually to alert users to these changes.

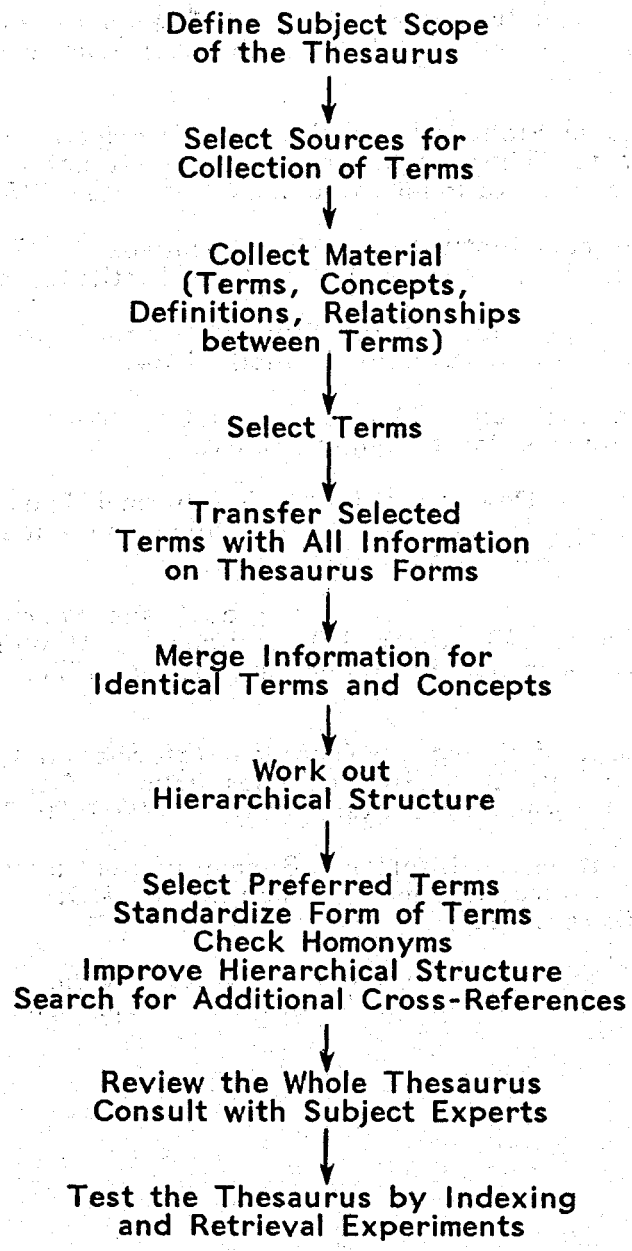

FIGURE 2 Flow of Work in Thesaurus Construction

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6. Kerr, Jessie Jr. "Development of a Geothermal Thesaurus." Berkeley, CA: University of California, Lawrence Berkeley Laboratory, 1975. <LBL-4605>.

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9. U.S. Department of the Interior. Bureau of Reclamation. "Thesaurus of Water Resource Terms." Washington, DC: U.S. Government Printing Office, 1971.

10. University of Tulsa. Information Services Division. "Exploration and Production Thesaurus." 5th ed. Tulsa, OK: University of Tulsa, 1976.

9.0 Citations

Abandoned wells
BT1 Wells
RT Natural gas wells
RT Oil wells
See Abandonment
See Well abandonment

Abatement
NT1 Air pollution abatement
NT1 Land pollution abatement
NT1 Noise pollution abatement
NT1 Water pollution abatement
RT Control
RT Environmental effects
Also see Air pollution
Also see Air pollution control
Also see Land pollution
Also see Land pollution control
Also see Noise pollution
Also see Noise pollution control
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Also see Water pollution
Also see Water pollution control

Abnormal formation pressure
Use Geopressure

Abnormal pressure
Use Geopressure
Use Subnormal formation pressure

Abrasion
RT Corrosion
RT Erosion

Absorption
See Absorption spectroscopy
See Chemisorption

Absorption (chemical)
Use Chemisorption

Absorption spectroscopy
BT1 Measuring methods

Abstract
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Abstracts
BT1 Document types
NT1 Leading abstract

Abundance
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RT Chemical composition
RT Distribution

Acadia Parish
BT1 Louisiana
BT2 Gulf Coast

Accidents
NT1 Blowouts
RT Environment
RT Errors
RT Failures
RT Flammability
RT Hazards
RT Insurance
RT Liabilities
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Accumulation
RT Accumulation rate
RT Deposition

Accumulation rate
BT1 Rates
RT Accumulation
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RT Calibration
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Acidizing
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Acoustic
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See Sonic logging
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Acoustic logging
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BT1 Monitoring
RT Sonic logging

Acoustic velocity
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Use Sound waves

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BT2 Elements
NT1 Plutonium
NT1 Thorium
NT1 Uranium

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Active faults
BT1 Faults
BT2 Geologic structures

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RT Deposition
RT Separation processes
RT Surface properties

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BT2 Silicate minerals

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NT1 Nigeria

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Ages
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Agreements
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RT Recommendations

RT Regulations

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RT Cultivation techniques
RT Direct energy utilization
RT Domestic animals
RT Ecosystems
RT Irrigation
RT Plants
RT Soil warming
RT Soils

Air
BT1 Gases
BT2 Fluids
RT Air analysis
RT Air cleaning
RT Air conditioning
RT Air quality
RT Earth atmosphere
RT Gas ejectors
RT Troposphere
RT Wind
Also see Air analysis
Also see Air analysis
Also see Air monitoring
Also see Air pollution
Also see Air pollution abatement
Also see Air pollution control
Also see Air pollution monitors
Also see Cooling
Also see Cooling systems
Also see Direct energy utilization
Also see Gas ejectors
Also see Gaseous wastes
Also see Pollution control equipment
Also see Scrubbers
Also see Thermal insulation
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Air analysis
BT1 Analysis
BT1 Gas analysis
BT2 Chemical analysis methods
RT Air
RT Air monitoring
RT Air pollution
RT Air pollution monitors
RT Water analysis

Air cleaning
RT Air

Air conditioning
RT Air
RT Cooling
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RT Direct energy utilization
RT Thermal insulation

Air ejectors
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Air monitoring
BT1 Monitoring
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RT Air pollution monitors
RT Water monitoring

Air pollution
BT1 Pollution
RT Air analysis
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RT Air pollution abatement
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RT Air pollution monitors
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RT Gaseous wastes
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RT Odor
RT Scrubbers

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BT1 Abatement
RT Air pollution
RT Air pollution control
RT Desulfurization
RT Pollution control equipment
RT Scrubbers

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BT1 Pollution control
BT2 Control
RT Air pollution
RT Air pollution abatement
RT Air pollution monitors

Air pollution monitors
RT Air analysis
RT Air monitoring
RT Air pollution
RT Air pollution control

Air quality
RT Air

RT Air pollution

Alabama
BT1 USA
BT2 North America
RT Chattahoochee River
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RT Gulf Coast
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RT Tennessee River
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Alkaline earth metals
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NT1 Calcium
NT1 Magnesium
NT1 Radium
NT1 Strontium

Alkalinity
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NT1 Ethane
NT1 Hexane
NT1 Methane
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NT1 2-methylpropane

Allocations
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RT Distribution
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RT Energy policy
RT Management
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Alloys
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Alluvial deposits
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BT2 Sediments
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Aluminum inorganic compounds

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BT2 Feldspars

Andesite
BT1 Extrusive rocks
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RT Farm buildings

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NT1 Geanticlines
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See Earth atmosphere
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Atmosphere (Earth)
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See Air pollution
See Atmospheric precipitations

Atmospheric pollution
Use Air pollution

Atmospheric precipitations
BT1 Meteorology
NT1 Frost
NT1 Rain
NT1 Snow
RT Climates
RT Earth atmosphere
RT Floods
RT Hydrosphere
RT Meteoric water
RT Seasons
RT Storms
RT Surface waters
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BT1 Brazoria Fairway
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BT1 Brazoria County
BT2 Texas
BT3 USA
NT1 Chocolate Bayou Geothermal Field

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NT1 Australia
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BT1 Australasia
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Automatic data processing
Use Data processing

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RT Abundance
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RT Resource depletion

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RT Bottom hole pressure
RT Well testing

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BT1 Microorganisms
RT Plankton

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Balance (energy)

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Bar
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See High pressure
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Barite
BT1 Sulfate minerals
BT2 Minerals
RT Barium sulfates

Barium
BT1 Alkaline earth metals
BT2 Metals
Also see Barium inorganic compounds

Barium inorganic compounds
NT1 Barium sulfates

Barium sulfates
BT1 Barium inorganic compounds
BT1 Sulfates
BT2 Sulfur inorganic compounds
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RT Barite

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Barriers
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Basalt
BT1 Extrusive rocks
BT2 Igneous rocks

Baseline Ecology
BT1 Ecology

Basicity
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Basin
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See Uinta basin
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BT1 Geologic structures
NT1 Ocean basins
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RT Artesian water
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BT1 Igneous intrusions
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Bed thickness
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BT1 Power generation
RT Binary cycles
RT Gas turbine power generation

Binary cycles
RT Binary cycle power generation
RT Thermodynamic cycles

Binary fluid systems
RT Gas turbine power generation
RT Geothermal energy conversion
RT Thermodynamic cycles

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Biological effects
BT1 Effects
RT Biology
RT Environmental effects
RT Toxicity

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NT1 Ecology
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RT Biological effects
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RT Ecosystems
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Biomass
NT1 Plants

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Biotope
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BT1 Metals
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Blowout preventers
RT Blowouts
RT Drilling equipment
RT Natural gas wells
RT Oil wells

Blowouts
BT1 Accidents
RT Blowout preventers
RT Kicks
RT Oil wells
RT Pressure release
RT Safety
RT Well drilling
RT Wells

Boilers
RT Boiling

RT Thermal power plants

Boiling
BT1 Phase transformations
RT Boilers
RT Evaporation
RT Heat transfer
RT Heating
RT Steam generators
RT Two phase flow

Bop
Use Blowout preventers

Borehole
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Borehole diameter
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Boreholes
RT Jets
RT Rock drilling
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RT Well drilling
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RT Wells

Boring
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Borneo
BT1 Islands

Boron
BT1 Semimetals
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Boron inorganic compounds

Bottom hole pressure
BT1 Well characteristics
RT Back pressure
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RT Pressure measurement
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Bottom hole pumps
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BT1 Well characteristics
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RT Brines
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RT Brayton cycle power systems
RT Gas turbine power generation

Brayton cycle power generation
RT Brayton cycle

Brayton cycle power systems
RT Brayton cycle
RT Power generation

Brazoria County
BT1 Texas
BT2 Gulf Coast
NT1 Austin Bayou Prospect

Brewster County
BT1 Texas
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Brine
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Brine disposal
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RT Brines
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NT1 Geothermal brines
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RT Salt water
RT Salts
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Brittleness
BT1 Mechanical properties
RT Elasticity

Bromides
BT1 Halides
BT1 Bromine inorganic compounds

Bromine
BT1 Halogens
BT2 Nonmetals
Also see Bromine inorganic compounds

Bromine inorganic compounds
NT1 Bromides

Brooks County
BT1 Texas
BT2 Gulf Coast

Budget
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Budgets
RT Allocations
RT Charges
RT Constraints
RT Cost
RT Economics
RT Financing

Buildings
NT1 Animal shelters
NT1 Commercial buildings
NT1 Farm buildings
NT1 Greenhouses
NT1 Industrial buildings
NT1 Mobile homes
NT1 Public buildings
NT1 Residential buildings
RT Construction
RT Retrofitting
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Use Accumulation

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Bulk density
Use Density

Bureau of Reclamation
Use US Bureau of Reclamation

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RT Compaction
RT Diagenesis
RT Hydrothermal alteration
RT Lithification
RT Metamorphism
RT Mineralization
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Also see Depth

Burial depth
Use Depth

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RT Anthropogenic occurrence
RT Desalination
RT Economics
RT Industry

RT Recovery processes

Cadmium
BT1 Metals
BT2 Elements

Calcasieu Parish
BT1 Louisiana
BT2 Gulf Coast

Calcite
BT1 Carbonate minerals
BT2 Minerals
RT Calcium carbonates
RT Limestone
RT Marble

Calcium
BT1 Alkaline earth metals
BT2 Metals
Also see Calcite
Also see Calcium chlorides
Also see Calcium inorganic compounds
Also see Calcium sulfates
Also see Calcium carbonates
Also see Dolomite

Calcium carbonates
BT1 Calcium inorganic compounds
BT1 Carbonates
BT2 Oxygen inorganic compounds
RT Calcite
RT Dolomite

Calcium chlorides
BT1 Calcium inorganic compounds
BT1 Chlorides
BT2 Chlorine inorganic compounds

Calcium inorganic compounds
NT1 Calcium carbonates
NT1 Calcium chlorides
NT1 Calcium sulfates

Calcium sulfates
BT1 Calcium inorganic compounds
BT1 Sulfates
BT2 Oxygen inorganic compounds
BT2 Sulfur inorganic compounds
RT Anhydrite
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Calculation
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Calculation methods
RT Mathematical methods
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RT Accuracy
RT Measuring instruments
RT Measuring methods
RT Sensitivity

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BT1 USA
BT2 North America
NT1 Coalinga
NT1 Coso Hot Springs KGRA
NT1 Geysers Geothermal Field
NT1 Great Valley
NT1 Imperial County
NT1 Imperial Valley
NT1 Kettleman Hills
NT1 Lost Hills
NT1 Mono-long Valley KGRA
NT1 San Andreas Fault
NT1 San Joaquin Valley
RT Coast ranges
RT Franciscan Formation

Caliper
See Caliper logging
See Hole diameter

Caliper logging
BT1 Well logging
RT Hole diameter

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RT Facies maps

Calstic ratio maps

RT Facies maps

Cambrian
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Cambrian Period
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BT2 Geologic times

Cameron County
BT1 Texas
BT2 Gulf Coast

Cameron Fairway
BT1 Texas
BT2 USA
BT3 North America

Cameron Parish
BT1 Louisiana
BT2 Gulf Coast

Cane
See Sugar cane

Cap
See Aquifers
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Cap rock
RT Aquifers
RT Rocks
RT Salt domes
RT Traps

Capacity
See Specific heat

Capillary
See Capillary water
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Capillary pressure
RT Capillary water
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Capillary water
BT1 Subsurface waters
RT Free water

Capillary Flow
BT1 Fluid flow

Capital
RT Cost
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Caps
See Natural gas

Carbon
BT1 Nonmetals
BT2 Elements
Also see Carbon dioxide
Also see Carbon inorganic compounds
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Carbon dioxide
BT1 Carbon inorganic compounds
BT1 Oxygen inorganic compounds
RT Dissolved gases

Carbon inorganic compounds
NT1 Carbon dioxide
NT1 Carbonates

Carbon steels
BT1 Steels
BT2 Alloys

Carbonate
See Carbonate minerals
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See Carbonates
See Sedimentary rocks

Carbonate minerals
BT1 Minerals
NT1 Calcite
NT1 Dolomite
NT1 Shortite
NT1 Siderite
RT Carbonate rocks
RT Carbonates

Carbonate rocks
BT1 Reservoir rocks
BT2 Rocks
RT Carbonate minerals
RT Dolomite
RT Limestone

RT Sedimentary rocks

Carbonates
BT1 Carbon inorganic compounds
BT1 Oxygen inorganic compounds
NT1 Calcium carbonates
RT Carbonate minerals
Also see Calcite
Also see Calcium carbonates
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Carboniferous
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Carboniferous Periods
BT1 Paleozoic Era
BT2 Geologic times
NT1 Mississippian Period
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Caribbean
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Caribbean Sea
BT1 Atlantic Ocean
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Carnot
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Carnot cycle
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BT1 Hungary
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Case histories
BT1 Document types
RT Field studies

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RT Well completion

Casings
See Well casings
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Caspian Basin
RT Caspian Sea
RT USSR

Caspian Sea
BT1 Lakes
BT2 Surface waters
RT Caspian Basin
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Catagenesis
RT Diagenesis
RT Sediments

Cations
BT1 Ions
RT Electrolysis

Cavitation
RT Descaling
RT Erosion
RT Fluid flow
RT Pitting corrosion

Cavitation erosion
Use Cavitation

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See Earth mantle
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See Tectonics

Cement
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Cement bond logging
BT1 Well logging
RT Sonic logging

Cementing
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See Well cementing
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Cenozoic Era
BT1 Geologic times
NT1 Quaternary Period

NT1 Tertiary Period

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Central heating plants
RT District heating
RT Space heating

Central America
NT1 El Salvador

Cerro Prieto
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Cerro Prieto Geothermal Field
BT1 Geothermal fields
BT1 Mexico
BT2 North America
RT Hot water systems

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BT1 Alkali metals
BT2 Metals

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BT1 Silica minerals
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Chemical analysis
BT1 Analysis
NT1 Qualitative chemical analysis
NT1 Quantitative chemical analysis
RT Chemical analysis methods
RT Chemical composition
RT Classification

Chemical analysis methods
BT1 Measuring methods
NT1 Air analysis
NT1 Chromatography
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NT1 Gas analysis
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RT Chemical analysis
RT Qualitative chemical analysis
RT Quantitative chemical

analysis

Chemical composition
BT1 Composition
RT Abundance
RT Chemical analysis
RT Concentration dependence
RT Ph value
RT Qualitative chemical analysis
RT Quantitative chemical analysis
RT Rock properties
RT Salinity
RT Saturation

Chemical effluents
RT Gaseous wastes
RT Liquid wastes
RT Mineral wastes
RT Pollution
RT Solid wastes

Chemical equilibrium
BT1 Equilibrium
RT Chemical reactions
RT Saturation

Chemical explosions
BT1 Explosions

Chemical explosives
BT1 Explosives

Chemical properties
NT1 Flammability
NT1 Ph value
NT1 Salinity
NT1 Solubility
RT Chemical reactions
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Chemical reactions
NT1 Corrosion
NT1 Decomposition
NT1 Polymerization
NT1 Redox reactions
RT Chemical equilibrium
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Chemical treatment
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Chemically precipitated rocks
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RT Adsorption
RT Chromatography
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Chemistry
NT1 Geochemistry
RT Chemical properties
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RT Qualitative chemical analysis
RT Quantitative chemical analysis

Chert
BT1 Nonclastic rocks
BT2 Sedimentary rocks

China
BT1 Asia
BT2 Continents
Also see South China Sea

Chlorides
BT1 Chlorine inorganic compounds
BT1 Halides
NT1 Calcium chlorides
NT1 Magnesium chlorides
NT1 Sodium chlorides
Also see Calcium chlorides
Also see Magnesium chlorides
Also see Sodium chlorides

Chlorine
BT1 Halogens
BT2 Nonmetals
Also see Chlorine inorganic compounds

Chlorine inorganic compounds
NT1 Chlorides

Chlorite
See Chlorite minerals

Chlorite minerals
BT1 Silicate minerals

BT2 Minerals

Chocolate Bayou Geothermal Field
BT1 Geothermal fields
BT1 Texas
BT2 USA
BT3 North America

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BT2 Measuring methods
NT1 Gas chromatography
RT Chemisorption

Chromium
BT1 Transition elements
BT2 Metals

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Circulating rate
BT1 Flow rate
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Circulation
RT Drilling fluids
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Circulation rate
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Clastic rocks
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RT Clay mineralogy
RT Clay minerals
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Clay mineralogy
RT Clay
RT Clay minerals

Clay minerals
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BT1 Power generation
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BT1 Fossil fuels
BT2 Fuels
RT Coal deposits
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RT Vitrinite
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Coal deposits
RT Coal
RT Coal reserves

RT Well logging equipment

Coal reserves
BT1 Reserves
RT Coal
RT Coal deposits

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BT1 California
BT2 Gulf Coast

Coast
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Coast ranges
BT1 Mountains
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Coastal
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Coastal regions
RT Coastal waters
RT Shores

Coastal waters
BT1 Surface waters
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RT Continental shelf
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RT Offshore sites
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RT Shores

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RT Corrosion inhibitors
RT Corrosion protection

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Coefficient of thermal expansion
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Collecting tanks
BT1 Surface equipment
BT2 Equipment

Colorado
BT1 USA
BT2 North America
RT Rio Grande Rift

Colorado County
BT1 Texas
BT2 USA
BT3 North America

Colorado Fairway
BT1 Texas
BT2 USA
BT3 North America

Colorimetry
Use Absorption spectroscopy

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See Thermodynamic cycles

Combined cycle power generation
BT1 Power generation

Combined cycle power plants
BT1 Thermal power plants
BT2 Power plants

Combined cycles
RT Thermodynamic cycles

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Commercial buildings
BT1 Buildings

NT1 Office buildings

Commercialization
RT Demonstration programs
RT Market
RT Technology utilization

Communities
RT Demography
RT Ecosystems
RT Populations
RT Public health
RT Socio-economic factors

Compaction
RT Burial
RT Compression
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RT Diagenesis
RT Ground subsidence
RT Porosity
RT Reservoir engineering
RT Sandstone

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Comparative evaluations
RT Correlation
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Completion (wells)
Use Well completion

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NT1 Chemical composition
NT1 Mineral composition
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Also see Rock properties
Also see Salinity
Also see Scale monitoring
Also see Scaling
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Compounds
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See Barium inorganic compounds
See Boron inorganic compounds
See Bromine inorganic compounds
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See Carbon inorganic compounds
See Chlorine inorganic compounds
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See Inorganic compounds
See Iodine inorganic compounds
See Iron inorganic compounds
See Magnesium inorganic compounds
See Nitrogen inorganic compounds
See Organic compounds
See Oxygen inorganic compounds
See Silver inorganic compounds
See Sodium inorganic compounds
See Strontium inorganic compounds
See Sulfur inorganic compounds
See Uranium inorganic compounds

Compressibility
BT1 Mechanical properties
RT Fluid properties

RT Piezometers

Compression
RT Compaction
RT Consolidation
RT Rock deformation

Compressors
RT Pumps

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See Computers
See Data analysis
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See Numerical solution
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Computer calculations
RT Computerized simulation
RT Computer codes
RT Computers
RT Data analysis
RT Numerical analysis
RT Numerical solution

Computer codes
NT1 G codes
RT Algorithms
RT Computer calculations
RT Computers
RT Mathematical models
RT Programming
RT Simulation

Computer programming
Use Programming

Computer programs
Use Computer codes

Computerized simulation
BT1 Simulation
RT Computer calculations

Computers
RT Computer calculations
RT Computer codes
RT Data processing
RT Programming

Concentration
See Chemical composition
See Elevated concentration
See High concentration
See Infinite dilution
See Low concentration
See Moderate concentration
See Ph value
See Solutions
See Trace amounts

Concentration (<0.01 molal)
Use Low concentration

Concentration (>1.0 molal)
Use High concentration

Concentration (infinite dilution)
Use Infinite dillution

Concentration (0.01-0.10 molal)
Use Moderate concentration

Concentration (0.10-1.0 molal)
Use Elevated concentration

Concentration dependence
RT Chemical composition
RT Elevated concentration
RT High concentration
RT Low concentration
RT Moderate concentration
RT Solutions

Concordant
See Concordant intrusions

Concordant intrusions
BT1 Igneous intrusions
NT1 Sill intrusions

Condensates
RT Condensation
RT Gas condensation
RT Natural gas
RT Petroleum
RT Steam
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Condensers
NT1 Vapor condensers

Also see Steam condensers

Conditioning
See Air
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Conduction
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Also see Heat flow
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Also see Thermal conductivity
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Conferences
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Confined
See Artesian aquifers
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Confined aquifers
Use Artesian aquifers

Confined ground water
Use Artesian water

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Connate
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Connate water
BT1 Interstitial water
BT2 Ground water

Conservation
See Energy conservation
See Energy consumption
See Resource conservation
See Resources

Conservation (energy)
Use Energy conservation

Conservation (resource)
Use Resource conservation

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RT Compaction
RT Compression
RT Deformation
RT Density
RT Ground subsidence
RT Soil mechanics
RT Strains

Constant
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Constraints
RT Budgets

Construction
NT1 Retrofitting
RT Buildings
RT Installation
RT Planning

Consumption
See Energy consumption
See Exploitation

Consumption rates
RT Energy consumption

Contained
See Contained explosions
See Underground explosions

Contained explosions
BT1 Explosions
RT Underground explosions

Contamination
RT Environmental effects
RT Radioactive wastes
RT Radioactivity

Contemporaneous faults
Use Growth faults

Content
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See Enthalpy
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Content analysis

Use Chemical analysis

Continental
See Coastal waters
See Continental crust
See Continents
See Marine geology
See Oceanic crust
See Plate tectonics
See Rift valleys
See Seas

Continental crust
BT1 Earth crust
BT2 Earth planetary structure
RT Earth planet
RT Oceanic crust

Continental drift
RT Continents
RT Plate tectonics
RT Rift valleys

Continental shelf
RT Coastal waters
RT Continents
RT Marine geology

Continental slopes
RT Continents
RT Marine geology
RT Oceanic crust
RT Seas

Continents
NT1 Africa
NT1 Asia
NT1 Australia
NT1 Europe
NT1 North America
NT1 South America
RT Continental drift
RT Continental shelf
RT Continental slopes

Contour
See Contour maps

Contour maps
BT1 Maps
BT2 Document types

Contracts
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RT Fabrication

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NT1 Geologic control
NT1 Pollution control
NT1 Pressure control
NT1 Remote control
NT1 Scaling control
NT1 Shale control
NT1 Temperature control
RT Abatement
RT Monitoring
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Also see Air pollution
Also see Air pollution control
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Also see Land pollution
Also see Land pollution control
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Also see Noise pollution control
Also see Pollution control equipment
Also see Sand production
Also see Scale monitoring
Also see Scaling
Also see Temperature monitoring
Also see Thermal insulation
Also see Water pollution
Also see Water pollution control

Convection
BT1 Heat transfer
BT2 Energy transfer
RT Convection cells
RT Mass transfer
Also see Earth mantle
Also see Plate tectonics
Also see Tectonics

Convection cells
RT Convection
RT Earth mantle
RT Plate tectonics
RT Tectonics

Convective

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Conversion
NT1 Energy conversion
Also see Energy transfer
Also see Geothermal energy conversion
Also see Ocean thermal power plants
Also see Ocean thermal energy conversion
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Cooling
NT1 District cooling
RT Air conditioning
RT Cooling ponds
RT Cooling systems
RT Cooling towers
RT Heat transfer
Also see Cooling ponds
Also see Cooling systems
Also see Heat exchangers
Also see Lakes
Also see Power plants
Also see Vapor condensers

Cooling ponds
BT1 Water reservoirs
BT2 Surface waters
RT Cooling
RT Cooling systems
RT Lakes

Cooling systems
RT Air conditioning
RT Cooling
RT Cooling ponds
RT Cooling towers

Cooling towers
RT Cooling
RT Cooling systems
RT Heat exchangers
RT Power plants
RT Vapor condensers

Copper
BT1 Transition elements
BT2 Metals

Copper pyrites
Use Chalcopyrite

Core
See Coring equipment
See Earth core

Core (earth)
Use Earth core

Core barrel
Use Coring equipment

Cores
Also see Drills
Also see Well drilling
Also see Well logging
Use Drill cores

Coring
See Coring equipment

Coring equipment
BT1 Drilling equipment
BT2 Equipment

Corpus Christi Fairway
BT1 Texas
BT2 USA
BT3 North America

Correlation
RT Comparative evaluations
RT Evaluation
RT Forecasting

RT Mathematical models

Corrosion
BT1 Chemical reactions
NT1 Crevice corrosion
NT1 Pitting corrosion
NT1 Scaling
NT1 Stress corrosion
RT Abrasion
RT Antifoulants
RT Brines
RT Corrosion inhibitors
RT Corrosion monitoring
RT Corrosion products
RT Corrosion protection
RT Corrosion resistant alloys
RT Corrosion resistance
RT Dissolved gases
RT Erosion
RT Failures
RT Fouling
RT Materials testing
RT Salinity
RT Solutions
RT Surface properties
Also see Corrosion monitoring
Also see Corrosion protection
Also see Corrosion resistant alloys
Also see Corrosive effects
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Corrosion control
Use Corrosion protection

Corrosion inhibitors
RT Corrosion
RT Corrosion monitoring
RT Corrosion protection

Corrosion monitoring
BT1 Monitoring
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BT1 Mechanical properties
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NT1 Cultivation techniques
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BT1 Chemical reactions
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BT1 Geologic provinces
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RT Accumulation
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RT Air pollution abatement
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BT1 Paleozoic Era
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RT Deep wells
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BT1 Texas
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BT1 Intrusive rocks
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RT Burial
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NT1 Hole diameter

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BT1 Hydrologic properties
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BT1 Well logging

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BT1 Drilling
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NT1 Dike intrusions
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Disposal formations
RT Disposal wells
RT Formation damage
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BT1 Injection wells
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BT1 Gases
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RT Dissolved solids
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Dissolved salts
BT1 Salts

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BT1 Solids
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RT Salinity
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NT1 Geographical distribution
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BT1 Cooling

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BT1 Heating
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Document types
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BT1 Carbonate minerals
BT2 Minerals
RT Calcium carbonates
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RT Dolomite rocks
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BT1 Nonclastic rocks
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Domestic animals
BT1 Animals
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Downhole pressure
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Downhole pumps
BT1 Pumps
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RT Dewatering
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Drill bits
BT1 Drilling equipment
BT2 Equipment
RT Drill pipes
RT Drills
RT Well drilling

Drill collars
BT1 Drilling equipment
BT2 Equipment
RT Well drilling

Drill cores
RT Drills
RT Well drilling
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Drill holes
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Drill pipes
BT1 Pipes
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Drill stem testing
BT1 Testing
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NT1 Directional drilling
NT1 Rock drilling
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BT1 Equipment
NT1 Coring equipment
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RT Circulation
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Drilling muds
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Drilling rate

BT1 Rates

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RT Drill pipes
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BT1 Drilling equipment
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BT1 Water
RT Fresh water
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Dry rocks
See Hot dry rock systems

Dry steam systems
Use Vapor dominated systems

Duval Fairway
BT1 Texas
BT2 USA
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DOE
See US DOE

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See Earth core
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NT1 Stratosphere
NT1 Troposphere
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RT Air pollution
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Earth core
BT1 Earth planetary structure
RT Earth planet

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BT1 Earth planetary structure
NT1 Continental crust
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Earth interior
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BT1 Earth planetary structure
RT Convection cells
RT Earth crust
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Earth movements
NT1 Earthquakes
NT1 Ground subsidence
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BT1 Penetrators
RT Subterrene penetrators

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NT1 Earth core
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Use Earth planetary structure

Earthquakes
BT1 Seismic events
BT1 Earth movements
NT1 Microearthquakes
RT Seismic s waves
RT Seismic waves
RT Seismology
RT Shock waves

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East Mesa Geothermal Field
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BT1 KGRAS
BT1 Imperial Valley
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BT1 Biology
NT1 Baseline ecology
RT Ecosystems
RT Environment
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Economic
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See Economic geology
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BT1 Economics
RT Regional analysis

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NT1 Economic analysis
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RT Cost benefit analysis
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Ecosystems
NT1 Aquatic ecosystems
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RT Biosphere
RT Communities
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RT Environment
RT Populations
Also see Aquatic organisms
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Edna Delcambre No. 1 Well
BT1 Louisiana
BT2 USA

BT3 North America

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NT1 Biological effects
NT1 Corrosive effects
NT1 Environmental effects
NT1 Heterogenous effects
NT1 Temperature effects
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Also see Biology
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NT1 Thermal efficiency
RT Comparative evaluations
RT Feasibility studies
RT Net energy
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RT Productivity
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Effluents (chemical)
Use Chemical effluents

Effluents (gaseous)
Use Gaseous wastes

Effluents (liquid)
Use Liquid wastes

Effluents (thermal)

Use Thermal effluents

Ejectors
See Air
See Gas ejectors
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El Paso County
BT1 Texas
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Elastic properties
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Elasticity
BT1 Tensile properties
BT2 Mechanical properties
NT1 Thermoelasticity
RT Brittleness
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BT1 Polymers

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See Power generation

Electric
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See Electric power industry
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Electric conductivity
BT1 Electrical properties
BT2 Physical properties

Electric generators
RT Power generation

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Electric potential

Electric power
BT1 Energy
BT1 Power
RT Electric power industry
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Electric power industry
BT1 Industry
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Electric resistivity
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Electrical conductivity
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BT1 Equipment

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BT1 Geophysical exploration
BT2 Exploration
RT Electrical surveys
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BT1 Well logging
NT1 Induction logging
NT1 Resistivity logging
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BT1 Physical properties
NT1 Dielectric constant
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BT1 Geophysical surveys
BT2 Exploration methods
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NT1 Magnetotelluric surveys
NT1 Resistivity surveys
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BT1 Separation processes
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NT1 Gamma radiation

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NT1 Metals
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Elevated concentration
RT Concentration dependence

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Elongation
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Embayment
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BT1 Measuring methods

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BT1 Equations
RT Mathematical models
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- NT1 Electric power
- NT1 Geothermal energy
- NT1 Heat
- NT1 Kinetic energy
- NT1 Nuclear energy
- NT1 Potential energy
- NT1 Solar energy
- NT1 Stored energy
- NT1 Wind energy
- RT Energy sources
- RT Thermodynamics
- Also see Allocations
- Also see Availability
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- Also see Economics
- Also see Energy balance
- Also see Energy conservation
- Also see Energy consumption
- Also see Energy conversion
- Also see Energy demand
- Also see Energy policy
- Also see Energy reserves
- Also see Energy resources
- Also see Energy sources
- Also see Energy storage
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- Also see Power potential
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- Also see Reserves
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- Also see Solar energy conversion
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- BT1 Energy costs
- RT Net energy

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- RT Energy demand
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- RT Consumption rates
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- BT1 Conversion
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- RT Energy balance
- RT Energy consumption
- RT Energy sources
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Energy policy
- BT1 Government policies
- RT Allocations
- RT Economic policy
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Energy potential
- Use Power potential

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- RT Heat
- RT Kinetic energy
- RT Materials recovery
- RT Potential energy
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- BT1 Reserves

RT Availability

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NT1 Fossil fuels
NT1 Fuel gas
NT1 Heat sources
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BT1 Storage
NT1 Heat storage
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RT Stored energy

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NT1 Heat transfer
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RT Energy conversion
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Energy yield
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NT1 Engineering geology
NT1 Reservoir engineering
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BT1 Geology
BT1 Engineering
RT Exploitation
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BT1 Buildings
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BT1 Hazards
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BT1 Aquatic organisms
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BT1 Evaporation
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NT1 Gases
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BT1 Fluorine inorganic compounds
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NT1 Fluorides

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BT1 Reaction heat
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NT1 Brazoria Fairway
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BT1 Gases
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BT1 Energy sources
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BT1 Leasing

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BT1 Fossil fuels
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NT1 Fuel gas
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BT1 Electromagnetic radiation
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BT1 Analysis
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BT1 Heating

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Gas turbines
BT1 Turbines
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Gas wells
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BT1 Wastes
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BT1 Fluids
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BT1 Geology
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Geographical distribution
BT1 Distribution
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BT1 Control
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NT1 Alluvium
NT1 Natural gas deposits
NT1 Petroleum deposits
NT1 Salt deposits
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NT1 Anadarko Basin
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NT1 Fold systems
NT1 Folds
NT1 Grabens
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NT1 Rift valleys
NT1 Strata
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NT1 Cenozoic Era
NT1 Mesozoic Era
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Geological engineering
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BT1 Exploration methods
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NT1 Areal geology
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BT1 Geothermal resources
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BT1 Geothermal reservoirs
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BT1 Geothermal systems
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Geopressured zones
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Geostatic
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BT1 Synclines
BT2 Folds
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Magnesium inorganic compounds
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Miocene Epoch
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Moderate concentration
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NT1 Scale monitoring
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Monitoring wells
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BT1 Clay minerals
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BT1 Clastic rocks
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BT1 Micas
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NT1 US ogranizations
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Natural gas deposits
BT1 Geologic deposits
BT1 Reserves
NT1 Natural gas fields
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RT Natural gas industry
RT Petroleum geology
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RT Salt domes
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BT1 Natural gas deposits
BT2 Reserves
BT2 Geologic deposits
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BT1 Industry
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Natural gas production
Use Gas production

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BT1 Wells
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Neogene Epoch
BT1 Tertiary Period
BT2 Cenozoic Era
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BT1 Rare gases
BT2 Nonmetals

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RT Efficiency
RT Energy accounting
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BT1 Facies maps
BT2 Stratigraphic maps
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RT Sand trend maps

Net sand thickness
Use Formation thickness

Neutral pressure
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Neutral stress
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Neutron
See Neutron logging

Neutron logging
BT1 Radioactivity logging
BT2 Well logging

Nevada
BT1 USA
BT2 North America

New Guinea
BT1 Australasia
RT Australia
RT New Zealand

New Mexico
BT1 USA
BT2 North America
NT1 Jemez Mountains
NT1 Valles Caldera Geothermal Field
RT Rio Grande Rift

New Zealand
BT1 Australasia
NT1 Wairakei Geothermal Field
RT New Guinea

Newton/sq
See High pressure
See Low pressure
See Standard pressure

Nickel
BT1 Transition elements
BT2 Metals

Nigeria
BT1 Africa
BT2 Continents

Nitrogen
BT1 Nonmetals
BT2 Elements

Nitrogen inorganic compounds
RT Ammonia

Nmr
Also see Nuclear magnetic logging
Use Nuclear magnetic resonance

Noble
See Rare gases

Noise
RT Noise pollution abatement
RT Sound waves
Also see Microseisms
Also see Noise pollution
Also see Noise pollution control

Noise pollution
BT1 Pollution
RT Noise pollution abatement
RT Noise pollution control

Noise pollution abatement
BT1 Abatement
RT Noise
RT Noise pollution

RT Noise pollution control

Noise pollution control
BT1 Pollution control
BT2 Control
RT Noise pollution
RT Noise pollution abatement

Nonaqueous
See Aqueous solutions
See Nonaqueous solutions

Nonaqueous solutions
BT1 Solutions
RT Aqueous solutions

Nonclastic
See Nonclastic rocks

Nonclastic rocks
BT1 Sedimentary rocks
BT2 Rocks
NT1 Chert
NT1 Dolomite rocks
NT1 Evaporites
RT Limestone

Noncondensable
See Noncondensible gases

Noncondensable gases
Use Noncondensible gases

Noncondensible
See Noncondensible gases

Noncondensible gases
BT1 Gases
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Nonelectrical
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Nonelectrical applications
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Nonmetals
BT1 Elements
NT1 Carbon
NT1 Halogens
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NT1 Sulfur

Normal faults
BT1 Faults
BT2 Geologic structures

Norphlet Formation
RT Louisiana
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North America
BT1 Continents
NT1 Gulf Coast
NT1 Mexico
NT1 Mississippi River
NT1 Rio Grande Rift
NT1 USA

North Sea
BT1 Atlantic Ocean
BT2 Seas

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RT Flowmeters
RT Fluid flow
RT Jets
RT Pipe fittings

Nuclear
See Nuclear energy
See Nuclear explosives
See Nuclear magnetic logging
See Nuclear power plants
See Nuclear magnetic resonance
See Radioactivity logging
See Seismic events

Nuclear energy
BT1 Energy
RT Nuclear power plants

Nuclear explosions
BT1 Explosions
RT Seismic events

Nuclear explosives
BT1 Explosives

Nuclear logging
Use Radioactivity logging

Nuclear magnetic logging
BT1 Radioactivity logging
BT2 Well logging
RT Nuclear magnetic

resonance

Nuclear magnetic resonance
BT1 Measuring methods
NT1 Crystallography
RT Nuclear magnetic logging

Nuclear power
Use Nuclear energy

Nuclear power plants
BT1 Thermal power plants
BT2 Power plants
RT Nuclear energy

Nueces County
BT1 Texas
BT2 Gulf Coast

Numerical
See Empirical equations
See Mathematical methods
See Mathematical models
See Mathematics
See Numerical analysis
See Numerical solution

Numerical analysis
BT1 Mathematics
NT1 Sensitivity analysis
RT Computer calculations
RT Mathematical methods
RT Numerical solution

Numerical solution
RT Calculation methods
RT Computer calculations
RT Mathematical models
RT Mathematics
RT Numerical analysis

Numerical solutions
RT Empirical equations

NMR logging
Use Nuclear magnetic logging
Use Rare gases

Observation wells
BT1 Wells
RT Aquifer tests
RT Injection wells
RT Well testing
RT Well interference

Obsidian
BT1 Pyroclastic rocks
BT2 Extrusive rocks

Occurrence
Also see Industry
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Ocean
See Atlantic Ocean
See Indian Ocean
See Ocean basins
See Ocean thermal power plants
See Ocean thermal energy conversion
See Pacific Ocean
See Rift valleys
See Sea bed
See Sea water
See Seas
See Submarine trenches

Ocean basins
BT1 Basins
BT2 Geologic structures

Ocean floor
Use Sea bed

Ocean ridges
RT Rift valleys

Ocean thermal energy conversion
BT1 Solar energy conversion
BT2 Energy conversion
RT Ocean thermal power plants

Ocean thermal power plants
BT1 Thermal power plants
BT2 Power plants
RT Ocean thermal energy conversion

Ocean trenches
Use Submarine trenches

Ocean water
Use Sea water

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Oceanic crust
BT1 Earth crust
BT2 Earth planetary structure
RT Continental crust
RT Continental slopes
RT Sea floor spreading

Oceanography
RT Earth planet
RT Geography
RT Limnology
RT Marine geology
RT Seas
RT Surface waters

Oceans
Use Seas

Odor
RT Air pollution
RT Gaseous wastes
RT Water analysis

Office buildings
BT1 Commercial buildings
BT2 Buildings
RT Federal buildings

Offshore
See Coastal waters
See Marine surveys
See Offshore sites
See Seas
See Shores
See Site selection

Offshore sites
RT Coastal waters
RT Estuaries
RT Seas
RT Shores
RT Site selection

Offshore surveys
Use Marine surveys

Oil
See Fossil fuels
See Gas saturation
See Oil drilling
See Oil fields
See Oil production
See Oil saturation
See Oil shale
See Oil wells
See Petroleum
See Reservoir rocks
See Well completion

Oil drilling
BT1 Well drilling
BT2 Drilling

Oil fields
BT1 Petroleum deposits
BT2 Reserves
BT2 Geologic deposits
RT Oil wells
RT Petroleum
RT Reservoir fluids
RT Reservoir rocks
RT Well spacing

Oil production
BT1 Production
RT Oil wells
RT Water production
RT Well testing

Oil saturation
RT Gas saturation
RT Reservoir rocks
RT Water saturation

Oil shale
BT1 Shale
BT2 Clastic rocks
RT Fossil fuels

RT Kerogen

Oil wells
BT1 Wells
RT Abandoned wells
RT Blowout preventers
RT Blowouts
RT Interstitial water
RT Oil fields
RT Oil production
RT Petroleum
RT Reentry
RT Wellhead prices
RT Well completion
RT Well spacing
RT Wellheads

Oklahoma
BT1 USA
BT2 North America
RT Anadarko Basin
RT Morrow Formation

Oligocene
See Oligocene Epoch

Oligocene Epoch
BT1 Tertiary Period
BT2 Cenozoic Era
RT Frio Formation

Opal
BT1 Silica minerals
BT2 Minerals

Open-cycle systems
RT Thermodynamic cycles

Operation
RT Maintenance
RT Production

Opinion
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Optical
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Optical properties
BT1 Physical properties

Optimization
RT Control
RT Performance testing
RT Planning
RT Profitability

Ordovician
See Ordovician Period

Ordovician Period
BT1 Paleozoic Era
BT2 Geologic times

Oregon
BT1 USA
BT2 North America
NT1 Klamath Falls KGRA
RT Coast ranges

Organic
See Organic compounds
See Organic matter
See Solid wastes

Organic compounds
NT1 Hydrocarbons
NT1 Methylene blue
RT Organic matter

Organic materials
Use Organic matter

Organic matter
NT1 Vitrinite
RT Organic compounds
RT Solid wastes

Organisms
See Aquatic organisms

Organizations
See National government
See National organizations
See US organizations

Origin

Orthoclase
BT1 Feldspars
BT2 Silicate minerals

Osmosis
RT Diffusion
RT Mass transfer
RT Osmotic pressure
RT Permeability
RT Semipermeable membranes

Osmotic
See Osmosis
See Semipermeable membranes

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Osmotic pressure
RT Osmosis
RT Semipermeable membranes
RT Thermodynamics

Overburden
RT Earth mantle
RT Formation thickness
RT Geostatic pressure
RT Rock mechanics
RT Strata

Overdraft
RT Artificial recharge
RT Fluid withdrawal
RT Ground water
RT Ground water recharge
RT Natural recharge

Overpressure
Use Geopressure

Overpressured
See Geopressured reservoirs

Overpressured reservoirs
Use Geopressured reservoirs

Overturned folds
BT1 Folds
BT2 Geologic structures

Ownership
NT1 Mineral rights
RT Industry
RT Investment
RT Land leasing
RT Land use
RT Legal aspects
RT Management
RT Mineral resources

Oxidation
BT1 Redox reactions
BT2 Chemical reactions
RT Redox potential
Also see Redox potential

Oxidation-reduction potential
Use Redox potential

Oxide
See Oxide minerals

Oxide minerals
BT1 Minerals
NT1 Gibbsite
NT1 Hematite
RT Oxides

Oxides
BT1 Oxygen inorganic compounds
NT1 Iron oxides
RT Oxide minerals
Also see Iron oxides

Oxygen
BT1 Nonmetals
BT2 Elements
RT Dissolved gases
Also see Oxygen inorganic compounds

Oxygen inorganic compounds
NT1 Carbon dioxide
NT1 Carbonates
NT1 Oxides
NT1 Sulfates

P waves
Use Seismic p waves

Pacific Ocean
BT1 Seas
BT2 Surface waters
NT1 South China Sea

Packing
See Gravel packing
See Slurry packing

Pakistan
BT1 Asia
BT2 Continents

Paleocene
See Paleocene Epoch

Paleocene Epoch
BT1 Tertiary Period
BT2 Cenozoic Era

Paleoecology
RT Biostratigraphy
RT Depositional environment
RT Ecology
RT Environment

RT Paleontology

Paleomagnetism
RT Geophysics

Paleontology
RT Biostratigraphy
RT Foraminifera
RT Geochronology
RT Geology
RT Paleoecology
RT Protozoa
RT Sedimentology
RT Stratigraphy

Paleopressure
RT Geopressure

Paleozoic
See Paleozoic Era

Paleozoic Era
BT1 Geologic times
NT1 Cambrian Period
NT1 Carboniferous Periods
NT1 Devonian Period
NT1 Ordovician Period
NT1 Permian Period
NT1 Silurian Period

Paper
RT Paper industry

Paper industry
BT1 Industry
RT Paper

Parish
Also see Acadia Parish
Also see Calcasieu Parish
Also see Cameron Parish
Also see Iberia Parish
Also see Jefferson Davis Parish
Also see Lafayette Parish
Also see St Mary Parish
Also see Vermillion Parish

Park
See Yellowstone National Park

Particles
RT Sedimentation

Pascals
See High pressure
See Low pressure
See Standard pressure

Patents
BT1 Document types
RT Legal aspects
RT Licensing
RT Royalties
RT Specifications

Pecos
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Pegmatite
BT1 Intrusive rocks
BT2 Igneous rocks

Penetration
See Drilling rate
See Injection rates

Penetration rate
Use Drilling rate

Penetrators
NT1 Earth penetrators
NT1 Subterrene penetrators
Also see Rock drilling
Also see Well drilling

Pennsylvanian Period
BT1 Carboniferous Periods
BT2 Paleozoic Era

Pentane
BT1 Alkanes
BT2 Hydrocarbons

Percent
See Net sand maps
See Sand percent maps

Performance
RT Comparative evaluations
RT Efficiency
RT Feasibility studies
RT Performance testing
RT Reliability
Also see Inspection
Also see Materials testing
Also see Performance testing

Also see Productivity

Performance testing
BT1 Testing
RT Efficiency
RT Inspection
RT Materials testing
RT Optimization
RT Performance
RT Production testing
RT Productivity
RT Reliability
RT Well testing

Period
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See Cretaceous Period
See Devonian Period
See Jurassic Period
See Mississippian Period
See Ordovician Period
See Pennsylvanian Period
See Permian Period
See Quaternary Period
See Silurian Period
See Tertiary Period
See Triassic Period

Periods
See Carboniferous Periods

Permafrost
BT1 Soils
RT Frost

Permeability
BT1 Physical properties
RT Acidization
RT Electrodialysis
RT Formation damage
RT Free water
RT Hydraulic conductivity
RT Leakage
RT Lost circulation
RT Osmosis
RT Porosity
RT Production rate
RT Rock properties
RT Semipermeable membranes
Also see Acidization
Also see Aquifers
Also see Permeability barriers
Also see Plugging
Also see Stratigraphic traps
Also see Well stimulation

Permeability barriers
BT1 Geologic structures

Permeability restoration
RT Acidization
RT Aquifers
RT Plugging
RT Well stimulation

Permian
See Permian Period

Permian Period
BT1 Paleozoic Era
BT2 Geologic times

Permits
Use Licensing

Personnel
RT Management
RT Safety
RT Working conditions

Petrochemical plants
BT1 Industrial plants

Petroleum
BT1 Fossil fuels
BT2 Fuels
RT Drilling rigs
RT Hydrocarbons
RT Oil fields
RT Oil wells
RT Petroleum deposits
RT Petroleum exploration
RT Petroleum industry
Also see Anticlines
Also see Exploitation
Also see Geophysical surveys
Also see Petroleum deposits
Also see Petroleum exploration
Also see Petroleum industry
Also see Resources
Also see Salt domes
Also see Stratigraphic traps
Also see Structural traps

Also see Traps

Petroleum deposits
BT1 Geologic deposits
BT1 Reserves
NT1 Oil fields
RT Anticlines
RT Geophysical surveys
RT Petroleum geology
RT Petroleum
RT Petroleum industry
RT Resources
RT Salt domes
RT Stratigraphic traps
RT Structural traps
RT Traps
RT Well logging equipment

Petroleum exploration
BT1 Exploration
RT Petroleum
RT Petroleum industry

Petroleum geology
BT1 Geology
BT2 Economic geology
RT Engineering geology
RT Exploration
RT Geochemical prospectus
RT Natural gas deposits
RT Petroleum deposits
RT Petroleum industry
RT Petrology
RT Reservoir engineering
RT Stratigraphy
RT Well logging

Petroleum industry
BT1 Industry
RT Exploitation
RT Petroleum geology
RT Petroleum
RT Petroleum deposits
RT Petroleum exploration

Petrology
BT1 Geology
NT1 Sedimentary petrology
RT Igneous rocks
RT Lithology
RT Metamorphic rocks
RT Petroleum geology

Ph
See Aqueous solutions
See Chemical reactions
See Ph adjustment
See Ph value

Ph adjustment
RT Acidization
RT Brine treatment
RT Ph dependence
RT Ph value

Ph dependence
RT Chemical reactions
RT Ph adjustment
RT Ph value

Ph value
BT1 Chemical properties
RT Aqueous solutions
RT Chemical composition
RT Ph adjustment
RT Ph dependence

Phanerite
Use Phaneritic rocks

Phaneritic
See Phaneritic rocks

Phaneritic rocks
BT1 Igneous rocks
BT2 Rocks

Phase
See Flashing
See Liquid flow
See Phase transformations
See Two phase flow

Phase transformations
NT1 Boiling
NT1 Evaporation
NT1 Melting

Philippines
BT1 Asia

Phosphorus
BT1 Nonmetals
BT2 Elements

Photographs
RT Diagrams

Photometry
See Emission spectroscopy

Phreatic
See Ground water

Phreatic water

Use Ground water

Physical
See Physical properties
See Surface properties

Physical properties
NT1 Density
NT1 Electrical properties
NT1 Fluid properties
NT1 Freezing potential
NT1 Hydraulic conductivity
NT1 Mud weight
NT1 Optical properties
NT1 Permeability
NT1 Porosity
NT1 Rock properties
NT1 Rock drillability
NT1 Thermodynamic properties
NT1 Volume
RT Chemical properties
RT Hydrologic properties
RT Pressure measurement
RT Surface properties
RT Temperature measurement

Physiography
Use Geomorphology

Piestic water
Use Artesian water

Piezometers
BT1 Measuring instruments
RT Compressibility
RT Piezometry

Piezometry
BT1 Measuring methods
RT Piezometers
RT Pressure measurement

Pilot plants
BT1 Functional models
BT2 Models
RT Demonstration plants
RT Industrial plants

Pipe
See Nozzles
See Pipes

Pipe fittings
RT Nozzles
RT Pipes
RT Seals

Pipelines
RT Archaeological sites
RT Pipes

Pipes
NT1 Drill pipes
NT1 Transfer pipes
RT Pipe fittings
RT Pipelines
RT Well casings
Also see Drill pipes
Also see Drills
Also see Transfer pipes

Pitting
See Pitting corrosion

Pitting corrosion
BT1 Corrosion
BT2 Chemical reactions
RT Cavitation
RT Corrosion resistant alloys

Plagioclases
BT1 Feldspars
BT2 Silicate minerals
NT1 Albite
NT1 Andesine

Plain
See Gulf Coast
See Nagaoka Plain

Planet
See Continental crust
See Earth atmosphere
See Earth core
See Earth crust
See Earth mantle
See Earth movements
See Earth planet
See Earth planetary structure
See Geography
See Geophysics
See Oceanography
See Topography

Planetary
See Earth planetary

structure

Plankton
BT1 Aquatic organisms
BT2 Animals
BT2 Plants
RT Bacteria
RT Surface waters

Planning
RT Allocations
RT Construction
RT Demonstration programs
RT Design
RT Feasibility studies
RT Optimization
RT Production
RT Research programs
RT Site selection
RT Zoning

Plants
BT1 Biomass
NT1 Aquatic organisms
NT1 Sugar cane
RT Agriculture
RT Biology
RT Crops
Also see Combined cycle power plants
Also see District heating
Also see Fossil fuel power plants
Also see Gas turbine power plants
Also see Geothermal energy conversion
Also see Hydroelectric power plants
Also see Industrial plants
Also see Nuclear power plants
Also see Ocean thermal power plants
Also see Pilot plants
Also see Power generation
Also see Power plants
Also see Solar power plants
Also see Space heating
Also see Steam power plants
Also see Steam turbine power generation
Also see Thermal power plants
Also see Tidal power plants
Also see Wind power plants

Plants (industrial)
Use Industrial plants

Plants (power)
Use Power plants

Plasticity
BT1 Mechanical properties
RT Deformation

Plate
See Earth crust
See Plate tectonics
See Rift valleys
See Volcanism

Plate tectonics
BT1 Tectonics
BT2 Geology
RT Benioff zones
RT Continental drift
RT Convection cells
RT Earth crust
RT Rift valleys
RT Sea floor spreading
RT Volcanism

Platinum
BT1 Transition elements
BT2 Metals

Pleasant Bayou No. 1 Well
BT1 Texas
BT2 USA
BT3 North America

Pleasant Bayou No. 2 Well
BT1 Texas
BT2 USA
BT3 North America

Pleistocene
See Pleistocene Epoch

Pleistocene Epoch
BT1 Quaternary Period
BT2 Cenozoic Era

Pliocene
See Pliocene Epoch

Pliocene Epoch
BT1 Tertiary Period

BT2 Cenozoic Era

Plugging
RT Formation damage
RT Fouling
RT Permeability restoration
RT Reaming
RT Reservoir rocks
RT Scaling
RT Suspended solids
RT Well stimulation

Plutonic
See Intrusive rocks
See Juvenile water
See Plutonic rocks

Plutonic rocks
BT1 Rocks
RT Intrusive rocks

Plutonic water
Use Juvenile water

Plutonium
BT1 Actinides
BT2 Metals

Plutons
Use Igneous intrusions

Polar
See Climates
See Polar regions

Polar regions
NT1 Arctic regions
RT Climates

Policies
See Government policies

Policy
Also see Allocations
Also see Economics
Also see Energy policy
Also see Environmental policy
Also see Forecasting
Also see Government policies
Use Economic policy

Pollution
NT1 Air pollution
NT1 Land pollution
NT1 Noise pollution
NT1 Thermal pollution
NT1 Water pollution
RT Aquifer rehabilitation
RT Chemical effluents
RT Environment
RT Pollution law
RT Pollution regulations
RT Pollution control equipment
RT Wastes
Also see Air pollution abatement
Also see Air pollution control
Also see Air pollution monitors
Also see Environmental impact statements
Also see Gaseous wastes
Also see Government policies
Also see Land pollution abatement
Also see Land pollution control
Also see Noise pollution abatement
Also see Noise pollution control
Also see Pollution control equipment
Also see Pollution control
Also see Pollution law
Also see Pollution regulations
Also see Scrubbers
Also see Temperature effects
Also see Waste heat
Also see Water pollution abatement
Also see Water pollution control

Pollution control
BT1 Control
NT1 Air pollution control
NT1 Land pollution control
NT1 Noise pollution control
NT1 Water pollution control
RT Pollution control

equipment

Pollution control equipment
BT1 Equipment
NT1 Scrubbers
RT Air pollution abatement
RT Pollution
RT Pollution control
RT Water pollution abatement

Pollution law
BT1 Laws
RT Environmental impact statements
RT Government policies
RT Pollution
RT Pollution regulations

Pollution regulations
BT1 Regulations
RT Pollution
RT Pollution law

Polonium
BT1 Metals
BT2 Elements

Polymerization
BT1 Chemical reactions
RT Polymers

Polymers
NT1 Elastomers
RT Polymerization

Ponds
See Cooling
See Cooling ponds
See Cooling systems
See Lakes

Pools
See Swimming pools

Populations
NT1 Human populations
RT Biosphere
RT Communities
RT Ecosystems
RT Environment
Also see Demography
Also see Rural populations
Also see Sociology
Also see Socio-economic factors
Also see Urban populations

Pore
See Interstitial water
See Pore pressure
See Reservoir pressure

Pore fluid
Use Interstitial water

Pore fluid pressure
Use Reservoir pressure

Pore pressure
BT1 Hydrostatic pressure
BT2 Hydropressure
RT Capillary pressure
RT Interstitial water

Pore water
Use Interstitial water

Porosity
BT1 Physical properties
RT Chemisorption
RT Compaction
RT Isoporosity maps
RT Leakage
RT Lost circulation
RT Permeability
RT Porosity trends
RT Porous media
RT Rock properties

Porosity trends
BT1 Trends
RT Isoporosity map
RT Porosity

Porous
See Porosity
See Semipermeable membranes

Porous media
RT Hydraulic conductivity
RT Porosity
RT Semipermeable membranes

Porphyritic
See Porphyritic rocks

Porphyritic rocks
BT1 Igneous rocks
BT2 Rocks

Porphyry

Use Porphyritic rocks

Possibilities
RT Forecasting

Post depositional process
Use Burial

Potable
See Drinking water

Potable water
Use Drinking water

Potassium
BT1 Alkali metals
BT2 Metals

Potential
See Electric potential
See Electric power
See Freezing potential
See Kinetic energy
See Oxidation
See Potential energy
See Power potential
See Redox potential
See Redox reactions
See Reduction
See Self potential surveys
See Sp logging

Potential energy
BT1 Energy
RT Energy recovery
RT Kinetic energy

Power
NT1 Electric power
RT Power range 100-1000gw
RT Power range 100-1000kw
RT Power range 100-1000mw
RT Power range 10-100gw
RT Power range 10-100mw
RT Power range 10-100kw
RT Power range 1-10gw
RT Power range 1-10kw
RT Power range 1-10mw
Also see Binary cycle power generation
Also see Brayton cycle
Also see Combined cycle power plants
Also see Combined cycle power generation
Also see Electric power
Also see Electric power industry
Also see Fossil fuel power plants
Also see Gas turbine power plants
Also see Gas turbine power generation
Also see Geothermal power plants
Also see Geothermal energy conversion
Also see Hydroelectric power plants
Also see Nuclear energy
Also see Nuclear power plants
Also see Ocean thermal power plants
Also see Power generation
Also see Power plants
Also see Power potential
Also see Public utilities
Also see Rankine cycle
Also see Solar power plants
Also see Steam power plants
Also see Steam turbine power generation
Also see Thermal power plants
Also see Thermodynamic cycles
Also see Tidal power
Also see Tidal power plants
Also see Wind energy

Also see Wind power plants

Power cycles
Use Thermodynamic cycles

Power generation
NT1 Binary cycle power generation
NT1 Co-generation
NT1 Combined cycle power generation
NT1 Gas turbine power generation
NT1 Steam turbine power generation
RT Brayton cycle power systems
RT Elecric generators
RT Electric power
RT Geothermal energy conversion
RT Power plants
RT Public utilities
RT Rankine cycle power systems
RT Thermodynamic cycles

Power plants
NT1 Hydroelectric power plants
NT1 Solar power plants
NT1 Thermal power plants
NT1 Tidal power plants
NT1 Wind power plants
RT Cooling towers
RT Electric power
RT Electric power industry
RT Power generation

Power potential
RT Electric power

Power production
Use Power generation

Power range 1-10gw
RT Power

Power range 1-10kw
RT Power

Power range 1-10mw
RT Power

Power range 10-100gw
RT Power

Power range 100-1000gw
RT Power

Power transmission
RT Electric power
RT Hybrid systems

Precambrian
See Precambrian Eras

Precambrian Eras
BT1 Geologic times

Precipitated
See Evaporites

Precipitation
BT1 Separation processes
RT Crystallization
RT Deposition
RT Evaporites
RT Ion exchange
RT Saturation
RT Solubility
RT Supersaturation

Precipitations
See Atmospheric precipitations

Precipitations (atmospheric)
Use Atmospheric precipitations

Prediction
Use Forecasting

Preparation
See Site selection

Presidio County
BT1 Texas

BT2 Gulf Coast

Pressure
- See Artesian pressure
- See Back pressure
- See Bottom hole pressure
- See Differential pressure
- See Elevated pressure
- See Flow rate
- See Fluid flow
- See Fluid pressure
- See Geopressure
- See Geopressured reservoirs
- See Geostatic pressure
- See Hazards
- See High pressure
- See Hydrodynamic pressure
- See Hydrostatic pressure
- See Injection rates
- See Injection wells
- See Interstitial water
- See Isopiestic measurement
- See Kicks
- See Low pressure
- See Measuring instruments
- See Moderate pressure
- See Osmosis
- See Physical properties
- See Pore pressure
- See Pressure buildup
- See Pressure control
- See Pressure decline
- See Pressure drop
- See Pressure gages
- See Pressure gradients
- See Pressure measurement
- See Pressure release
- See Reservoir pressure
- See Semipermeable membranes
- See Standard pressure
- See Subnormal formation pressure
- See Thermodynamics
- See Vapor pressure
- See Volatility
- See Well head pressure
- See Wells

Pressure (< 1.0 E05 newton/sq m)
- Use Standard pressure

Pressure (< 1.02 kg/sq m)
- Use Low pressure

Pressure (< 1.45 E01 psi)
- Use Low pressure

Pressure (> 5.0 E07 newton/sq m)
- Use High pressure

Pressure (> 5.1 E02 kg/sq m)
- Use High pressure

Pressure (> 7.25 E04 psi)
- Use High pressure

Pressure (<1 bar)
- Use Low pressure

Pressure (>500 bar)
- Use High pressure

Pressure (back)
- Use Back pressure

Pressure (bottom hole)
- Use Bottom hole pressure

Pressure (differential)
- Use Differential pressure

Pressure (fluid)
- Use Fluid pressure

Pressure (geostatic)
- Use Geostatic pressure

Pressure (pore)
- Use Pore pressure

Pressure (vapor)
- Use Vapor pressure

Pressure (well head)
- Use Well head pressure

Pressure (1 bar)
- Use Standard pressure

Pressure (1.0 E04-5.0 E07 Newton/SQ M)
- Use Elevated pressure

Pressure (1.0 E05 newton/sq m)
- Use Standard pressure

Pressure (1.0 E05 pascals)
- Use Standard pressure

Pressure (1.0 E05-1.0 E07 pascals)

Use Elevated pressure

Pressure (1.01 E07-5.0 E07 pascals)
Use Moderate pressure

Pressure (1.02 kg/sq m)
Use Standard pressure

Pressure (1.02-1.02 E02 kg/sq m)
Use Moderate pressure

Pressure (1.03-5.1 E02 kg/sq m)
Use Elevated pressure

Pressure (1.45 E01 psi)
Use Standard pressure

Pressure (1.45 E01-1.45 E03 psi)
Use Moderate pressure

Pressure (1.465 E03-7.252 E04 psi)
Use Elevated pressure

Pressure (1-100 bar)
Use Moderate pressure

Pressure (101-500 bar)
Use Elevated pressure

Pressure buildup

Pressure control
BT1 Control
RT Isopiestic measurement
RT Pressure measurement

Pressure decline
RT Drawdown
RT Time dependence

Pressure dependence
RT Elevated pressure
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BT1 Engineering
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RT Energy source development
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NT1 Geothermal resources
NT1 Mineral resources
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BT1 North America
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Risk assessment
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NT1 Mississippi River
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Use Rock properties

Rock compaction
Use Compaction

Rock compressibility
Use Compressibility

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BT1 Deformation
RT Compression
RT Ground subsidence
RT Rock drillability
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BT1 Rock properties
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Rock drilling
BT1 Drilling
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Rock failures
BT1 Failures
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BT1 Physical properties
NT1 Rock drillability
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RT Mechanical properties
RT Permeability
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RT Sand shale ratio

Rock salt
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Rock shear
BT1 Shear
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Rock stresses
BT1 Stresses
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Rotary drilling
BT1 Well drilling
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BT1 Alkali metals
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Rural areas
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Rural populations
BT1 Human populations
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Safety engineering
RT Safety

Safety standards
BT1 Standards
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Saint Mary Parish
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Saline aquifers
BT1 Aquifers
BT2 Subsurface reservoirs
RT Aquicludes
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Saline water
Use Salt water

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BT1 Chemical properties
RT Brackish water
RT Brines
RT Chemical composition
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RT Desalination
RT Dissolved solids
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RT Salt water
RT Salts
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Salt
See Anticlines
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Salt content
Use Salinity

Salt deposits
BT1 Geologic deposits
NT1 Salt domes
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Salt domes
BT1 Salt deposits
BT2 Geologic deposits
RT Cap rock
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RT Salts

Salt tectonics
BT1 Rock deformation
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RT Creep
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BT1 Water
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Salt water production
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BT1 Lakes
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NT1 Dissolved salts
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Samarium
BT1 Rare earths
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Sampling
NT1 Downhole sampling
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Sampling methods
RT Sampling

San Andreas Fault
BT1 California
BT2 USA
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San Joaquin Valley
BT1 California
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RT Clay minerals
RT Reservoir rocks
RT Sandstone
RT Sediment deposits
Also see Facies maps
Also see Formation thickness
Also see Gravel packing
Also see Net sand maps
Also see Reservoir pressure
Also see Sand percent maps
Also see Sand production
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Sand control
RT Gravel packing

RT Sand production

Sand percent maps
BT1 Facies maps
BT2 Stratigraphic maps
RT Net sand maps
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Sand pressure
Use Reservoir pressure

Sand production
BT1 Production
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Sand shale ratio
BT1 Rock composition
BT2 Composition
RT Facies
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Sand thickness
Use Formation thickness

Sand trend maps
BT1 Trend maps
BT2 Stratigraphic maps
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Sandstone
BT1 Clastic rocks
BT2 Sedimentary rocks
RT Compaction
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Sandstones
Use Sandstone

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Saturation
NT1 Gas saturation
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Scale
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Scale composition
RT Scale monitoring
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Scale monitoring
BT1 Monitoring
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BT1 Corrosion
BT2 Chemical reactions
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BT1 Control
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BT1 Metamorphic rocks
BT2 Rocks

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BT1 Pollution control equipment
BT2 Equipment
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RT Earth crust
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Sea coast
Use Shores

Sea floor
Use Sea bed

Sea floor spreading
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Sea water
BT1 Salt water
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Telluric surveys
BT1 Electrical surveys
BT2 Geophysical surveys
RT Geothermal exploration

Tellurium
BT1 Semimetals

BT2 Elements

Temperature
See Bottom hole temperature
See Elevated temperature
See Geopressured reservoirs
See Geothermometers
See Geothermometry
See Heat
See High temperature
See Isotherm
See Low temperature
See Measuring instruments
See Moderate temperature
See Physical properties
See Reservoir temperature
See Standard temperature
See Subsurface temperature
See Surface temperature
See Temperature control
See Temperature distribution
See Temperature effects
See Temperature gradients
See Temperature logging
See Temperature measurement
See Temperature monitoring
See Temperature surveys
See Thermal insulation
See Transition temperature
See Well characteristics
See Well head temperature
See Wells

Temperature (<25 deg c)
Use Low temperature

Temperature (>400 deg c)
Use High temperature

Temperature (bottom hole)
Use Bottom hole temperature

Temperature (reservoir)
Use Reservoir temperature

Temperature (surface)
Use Surface temperature

Temperature (well head)
Use Well head temperature

Temperature (101-400 deg c)
Use Elevated temperature

Temperature (25 deg c)

Use Standard temperature

Temperature (26-100 deg c)
Use Moderate temperature

Temperature control
BT1 Control
RT Temperature measurement
RT Temperature monitoring
RT Thermal insulation

Temperature dependence
RT Elevated temperature
RT High temperature
RT Low temperature
RT Moderate temperature
RT Standard temperature
RT Temperature distribution
RT Temperature effects

Temperature distribution
BT1 Distribution
RT Isotherm
RT Temperature dependence
RT Temperature gradients
RT Temperature surveys

Temperature effects
BT1 Effects
RT Heat
RT Temperature dependence
RT Thermoelasticity
RT Thermal effluents
RT Thermal pollution

Temperature gradients
NT1 Geothermal gradients
RT Isotherm
RT Temperature distribution

Temperature inversion
RT Meteorology

Temperature logging
BT1 Well logging
RT Bottom hole temperature
RT Reservoir temperature
RT Temperature measurement
RT Temperature surveys
RT Well characteristics

Temperature measurement
BT1 Measurement
RT Geothermometers
RT Geothermometry
RT Isotherm
RT Measuring instruments
RT Physical properties
RT Temperature control
RT Temperature logging
RT Temperature monitoring
RT Thermometers

Temperature monitoring
BT1 Monitoring
RT Temperature control
RT Temperature measurement

Temperature surveys
BT1 Thermal exploration methods
BT2 Geophysical surveys
RT Temperature distribution
RT Temperature logging

Tenneco Fee "N" No. 1 Well
BT1 Louisiana
BT2 USA
BT3 North America

Tensile
See Strains
See Stresses
See Tensile properties

Tensile properties
BT1 Mechanical properties
NT1 Elasticity
RT Shear
RT Strain rate
RT Strains
RT Stresses

Tensile strength
Use Tensile properties

Terrebonne Parish
BT1 Louisiana
BT2 USA
BT3 North America

Terrestrial heat flow
Use Heat flow

Tertiary

See Tertiary Period

Tertiary Period
BT1 Cenozoic Era
BT2 Geologic times
NT1 Eocene Epoch
NT1 Miocene Epoch
NT1 Neogene Epoch
NT1 Oligocene Epoch
NT1 Paleocene Epoch
NT1 Pliocene Epoch

Test
See Aquifer tests
See Comparative evaluations
See Field studies

Test facilities
RT Aquifer tests
RT Comparative evaluations
RT Field studies

Testing
NT1 Drill stem testing
NT1 Materials testing
NT1 Performance testing
RT Feasibility studies
RT Laboratory testing
RT Sampling
Also see Corrosion
Also see Inspection
Also see Mechanical properties
Also see Performance
Also see Productivity
Also see Stresses

Tests
See Aquifer tests
See Comparative evaluations
See Field studies

See Observation wells

Texas
BT1 Gulf Coast
BT2 North America
NT1 Brazoria County
NT1 Brewster County
NT1 Brooks County
NT1 Cameron County
NT1 Corpus Christi Fairway
NT1 Culberson County
NT1 El Paso County
NT1 G.M. Koelemay Well No. 1
NT1 Galveston County
NT1 Harris County
NT1 Hidalgo County
NT1 Hudspeth County
NT1 Jeff Davis County
NT1 Jefferson County
NT1 Kenedy County
NT1 Kleberg County
NT1 Live Oak County
NT1 Matagorda Fairway
NT1 Matagorda County
NT1 Montgomery Fairway
NT1 Nueces County
NT1 Pleasant Bayou No. 1 Well
NT1 Pleasant Bayou No. 2 Well
NT1 Presidio County
NT1 Rio Grande Embayment
NT1 Saldana Well No. 2
NT1 Starr County
NT1 Willacy County
NT1 Zapata County
RT Anadarko Basin
RT Delaware Basin
RT Frio Formation
RT Gulf Coast
RT Norphlet Formation
RT Queen City Formation
RT Rio Grande Rift
RT Smackover Formation
RT Trans-pecos hot rocks
RT Vicksburg Formation
RT Wilcox Formation

Texas Railroad Commission

Texas Water Quality Board

Textbooks
BT1 Document types

Thallium
BT1 Metals

BT2 Elements

Theoretical
See Theoretical treatments

Theoretical treatments
BT1 Document types
RT Experimental results

Thermal
See Elongation
See Flashing
See Geothermal fluids
See Heat flow
See Heat transfer
See Hydrothermal systems
See Ocean thermal power plants
See Ocean thermal energy conversion
See Specific heat
See Temperature effects
See Temperature gradients
See Temperature logging
See Thermal conduction
See Thermal conductivity
See Thermal diffusivity
See Thermal efficiency
See Thermal effluents
See Thermal equilibrium
See Thermal expansion
See Thermal expansivity
See Thermal exploration methods
See Thermal insulation
See Thermal pollution
See Thermal power plants
See Thermal springs
See Thermal waters
See Thermodynamic cycles
See Thermodynamic properties
See Waste heat

Thermal capacity
Use Specific heat

Thermal conduction
BT1 Heat transfer
BT2 Energy transfer
RT Heat flow
RT Thermal conductivity
RT Thermal insulation

Thermal conductivity
BT1 Thermodynamic properties
BT2 Physical properties
RT Heat flow
RT Heat transfer
RT Thermal conduction
RT Thermal insulation

Thermal diffusion
RT Heat transfer
RT Thermal diffusivity

Thermal diffusivity
BT1 Thermodynamic properties
BT2 Physical properties
RT Thermal diffusion
RT Thermal insulation

Thermal effects
Use Temperature effects

Thermal efficiency
BT1 Efficiency
RT Thermodynamic cycles

Thermal effluents
RT Geothermal brines
RT Geothermal fluids
RT Temperature effects
RT Thermal pollution
RT Thermal waters
RT Waste heat

Thermal equilibrium
BT1 Equilibrium
RT Heat transfer

Thermal expansion
BT1 Expansion
RT Elongation
RT Thermoelasticity
RT Thermal expansivity

Thermal expansivity
BT1 Thermodynamic properties
BT2 Physical properties

RT Thermal expansion

Thermal exploration methods
BT1 Geophysical surveys
BT2 Exploration methods
NT1 Geothermal gradient surveys
NT1 Heat flow surveys
NT1 Temperature surveys

Thermal gradients
Use Temperature gradients

Thermal insulation
RT Air conditioning
RT Heat transfer
RT Temperature control
RT Thermal conduction
RT Thermal conductivity
RT Thermal diffusivity

Thermal logging
Use Temperature logging

Thermal pollution
BT1 Pollution
RT Environmental effects
RT Temperature effects
RT Thermal effluents
RT Waste heat

Thermal power plants
BT1 Power plants
NT1 Combined cycle power plants
NT1 Fossil fuel power plants
NT1 Gas turbine power plants
NT1 Geothermal power plants
NT1 Nuclear power plants
NT1 Ocean thermal power plants
NT1 Steam power plants
RT Boilers

Thermal properties
Use Thermodynamic properties

Thermal springs
BT1 Water springs
NT1 Hot springs
NT1 Warm springs
RT Hydrothermal systems
RT Mineral springs
RT Thermal waters

Thermal waters
RT Flashing
RT Fumaroles
RT Geothermal brines
RT Geothermal fluids
RT Geysers
RT Hot springs
RT Hydrothermal systems
RT Thermal effluents
RT Thermal springs

Thermodynamic
See Thermodynamic cycles
See Thermodynamic properties

Thermodynamic cycles
NT1 Brayton cycle
NT1 Carnot cycle
NT1 Rankine cycle
RT Binary cycles
RT Binary fluid systems
RT Closed-cycle systems
RT Combined cycles
RT Flashed steam systems
RT Open-cycle systems
RT Power generation
RT Thermal efficiency
RT Thermodynamics
RT Total flow systems
RT Working fluids

Thermodynamic properties
BT1 Physical properties
NT1 Enthalpy
NT1 Specific heat
NT1 Thermal conductivity
NT1 Thermal diffusivity
NT1 Thermal expansivity
NT1 Transition temperature
NT1 Vapor pressure
NT1 Volatility
RT Thermoelasticity
RT Thermodynamics

Thermodynamics
RT Energy recovery
RT Energy
RT Osmotic pressure
RT Thermodynamic cycles
RT Thermodynamic

properties

Thermoelasticity
BT1 Elasticity
BT2 Tensile properties
BT3 Mechanical properties
NT1 Deformation
RT Stresses
RT Temperature effects
RT Thermodynamic properties
RT Thermal expansion

Thermometers
BT1 Measuring instruments
RT Geothermometers
RT Temperature measurement

Thermometry
Also see Geothermometry
Use Temperature measurement

Thickness
BT1 Dimensions
NT1 Formation thickness
RT Distance
Also see Isopach maps

Thickness maps
Use Isopach maps

Thorium
BT1 Actinides
BT2 Metals

Thrust faults
BT1 Faults
BT2 Geologic structures

Tidal
See Tidal power
See Tidal power plants

Tidal power
BT1 Energy sources
RT Tidal power plants
RT Tide

Tidal power plants
BT1 Power plants
RT Tidal power

Tide
RT Seas
RT Tidal power

Tigre Lagoon Geothermal Field
BT1 Geothermal fields
BT1 Louisiana
BT2 USA
BT3 North America

Time dependence
RT Pressure decline

Times
See Geologic times

Tin
BT1 Metals
BT2 Elements

Titanium
BT1 Transition elements
BT2 Metals

Titles
See Ownership

Topographic
See Geologic structures
See Mountains
See Submarine trenches

Topographic features
Use Geologic structures
Use Mountains
Use Submarine trenches

Topography
RT Earth planet
RT Geography
RT Maps
RT Topological mapping

Topological
See Maps
See Topography

Topological mapping
RT Maps
RT Topography

Total dissolved solids
Use Dissolved solids

Total flow systems
RT Geothermal energy conversion

RT Thermodynamic cycles

Towers
See Cooling
See Cooling systems
See Heat exchangers
See Power plants
See Vapor condensers

Toxicity
RT Biological effects

Trace
See Elements
See Trace amounts

Trace amounts
RT Infinite dilution
RT Low concentration

Trace elements
Use Elements
Use Trace amounts

Trade
RT Economics
RT Market
RT Taxes

Trans-pecos
See Texas

Trans-Pecos Hot Rocks
RT Texas

Transfer
See Convection
See Electrodialysis
See Energy balance
See Energy transfer
See Fluid flow
See Heat exchangers
See Heat flow
See Heat transfer
See Mass transfer
See Steam condensers
See Thermal conductivity
See Thermal equilibrium
See Thermal insulation
See Transfer pipes
See Two phase flow

Transfer (energy)
Use Energy transfer

Transfer (heat)
Use Heat transfer

Transfer (mass)
Use Mass transfer

Transfer pipes
BT1 Pipes
BT1 Surface equipment
BT2 Equipment

Transformations
See Phase transformations

Transition
See Transition elements
See Transition temperature

Transition elements
BT1 Metals
BT2 Elements
NT1 Chromium
NT1 Copper
NT1 Gold
NT1 Iron
NT1 Manganese
NT1 Molybdenum
NT1 Nickel
NT1 Platinum
NT1 Silver
NT1 Titanium
NT1 Tungsten
NT1 Vanadium

Transition temperature
BT1 Thermodynamic properties
BT2 Physical properties
NT1 Melting point

Transmissibility
Use Permeability

Transmission
See Electric power
See Heat transfer

Transmissivity
BT1 Hydrogeologic properties
RT Aquifers

Transportation
See Waste transportation

Transuranium
See Transuranium elements

Transuranium elements

BT1 Elements

Traps
BT1 Geologic structures
NT1 Stratigraphic traps
NT1 Structural traps
RT Cap rock
RT Natural gas deposits
RT Petroleum deposits
RT Rocks

Travel time
RT Seismic waves
See Acoustic travel time

Treatment
See Acidization
See Brines
See Liquid wastes
See Ph adjustment
See Shale control
See Waste disposal
See Waste processing
See Water treatment

Treatments
See Theoretical treatments

Trenches
Use Submarine trenches

Trend
See Facies maps
See Net sand maps
See Sand percent maps
See Sand trend maps
See Trend analysis
See Trend maps

Trend analysis
BT1 Mathematics
RT Trend maps

Trend maps
BT1 Stratigraphic maps
BT2 Maps
NT1 Sand trend maps
RT Trend analysis
RT Trends

Trend surface analysis
Use Trend analysis

Trends
RT Trend maps

Triassic
See Triassic Period

Triassic Period
BT1 Mesozoic Era
BT2 Geologic times

Tridymite
BT1 Silica minerals
BT2 Minerals

Troposphere
BT1 Earth atmosphere
RT Air
RT Stratosphere

Tuff
BT1 Pyroclastic rocks
BT2 Extrusive rocks

Tungsten
BT1 Transition elements
BT2 Metals

Turbine
See Binary cycle power generation
See Gas turbine power plants
See Gas turbine power generation
See Steam turbine power generation

Turbines
NT1 Gas turbines
NT1 Steam turbines
RT Working fluids
Also see Gas turbine power generation
Also see Steam power plants
Also see Steam turbine power generation

Turkey
BT1 Middle East
BT1 Asia
BT2 Continents

Two phase
See Two phase flow

Two phase flow
BT1 Fluid flow
RT Boiling
RT Flashing
RT Heat transfer

RT Liquid flow

Uinta
See Uinta Basin
See Utah

Uinta basin
BT1 Geologic provinces
RT Utah

Unconfined aquifers
Use Aquifers

Unconfined ground water
Use Ground water

Underground
See Injection wells
See Salt deposits
See Seismic s waves
See Underground disposal
See Underground explosions

Underground disposal
BT1 Waste disposal
BT2 Waste management
RT Injection wells
RT Salt deposits

Underground explosions
BT1 Explosions
RT Contained explosions
RT Seismic s waves

Underpressure
Use Subnormal formation pressure

Union of Soviet Socialist Republics
Use USSR

United States
Use USA

United States of America
Use USA

Unwatering
Use Dewatering

Uplifts
BT1 Geologic structures
RT Strutural geology
RT Tectonics

Ural Mountains
Use Urals

Urals
BT1 Mountains
RT Asia
RT Europe
RT USSR

Uranium
BT1 Actinides
BT2 Metals
Also see Uranium compounds

Uranium compounds

Urban
See Sociology
See Urban areas
See Urban populations
See Zoning

Urban areas
RT Urban populations
RT Zoning

Urban populations
BT1 Human populations
BT2 Populations
RT Sociology
RT Urban areas

Uses
RT Direct energy utilization
RT Exploitation

Utah
BT1 USA
BT2 North America
RT Uinta Basin

Utilities
Also see Natural gas
Also see Power generation
Use Public utilities

Utilization
Also see Commercialization
Also see Direct energy utilization
Also see Feasibility studies
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Use Uses

US
See US organizations
See US AEC
See US Bureau of Reclamation
See US DOE
See US EPA
See US ERDA

US organizations
BT1 National organizations
NT1 LASL
NT1 US AEC
NT1 US Bureau of Reclamation
NT1 US DOE
NT1 US EPA
NT1 US ERDA

US Atomic Energy Commission
Use US AEC

US AEC
BT1 US organizations
BT2 National organizations

US Bureau of Reclamation
BT1 US organizations
BT2 National organizations

US DOE
BT1 US organizations
BT2 National organizations
RT US ERDA

US EPA
BT1 US organizations
BT2 National organizations

US ERDA
BT1 US organizations
BT2 National organizations
RT US DOE
RT USA

USA
BT1 North America
BT2 Continents
NT1 Alabama
NT1 Missouri
NT1 South Carolina
RT Gulf Coast
RT US ERDA

USSR
RT Asia
RT Caspian Basin
RT Caspian Sea
RT Europe
RT Urals
RT Volga River

Vadose water
BT1 Subsurface waters
RT Free water
RT Water table

Valles Caldera
See Valles Caldera Geothermal Field
See Vapor dominated systems

Valles Caldera Geothermal Field
BT1 Geothermal fields
BT1 New Mexico
BT2 USA
BT3 North America
RT Vapor dominated systems

Valley
See Geothermal fields
See Great Valley
See Imperial Valley
See Mono-long Valley KGRA
See Rift valleys
See San Joaquin Valley

Valleys
See Fault systems
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Value
See Aqueous solutions
See Ph adjustment
See Ph value

Vanadium
BT1 Transition elements

BT2 Metals

Vapor
See Liquids
See Saturated vapor
See Steam
See Vapor condensers
See Vapor dominated systems
See Vapor generators
See Vapor pressure
See Vapor separators
See Vapor solubility
See Vapors
See Volatility
See Water
See Water vapor

Vapor (saturated)
Use Saturated vapor

Vapor condensers
BT1 Condensers
NT1 Steam condensers
RT Cooling towers

Vapor dominated systems
BT1 Hydrothermal systems
BT2 Geothermal systems
RT Geysers Geothermal Field
RT Larderello Geothermal Field
RT Valles Caldera Geothermal Field

Vapor generators
NT1 Steam generators
RT Vapors

Vapor pressure
BT1 Thermodynamic properties
BT2 Physical properties
RT Volatility

Vapor separators
NT1 Steam separators
RT Vapors

Vapor solubility
BT1 Solubility
BT2 Chemical properties

Vaporizing
Use Evaporation

Vapors
BT1 Gases
BT2 Fluids
NT1 Water vapor
RT Evaporation
RT Liquids
RT Saturated vapor
RT Vapor generators
RT Vapor separators

Variations
See Seasons

Velocity
NT1 Sound velocity
RT Flow rate
RT Kinetic energy
RT Rates

Velocity of sound
Use Sound velocity

Vermillion Parish
BT1 Louisiana
BT2 Gulf Coast

Vicksburg
See Louisiana
See Mississippi
See Texas

Vicksburg Formation
RT Louisiana
RT Mississippi
RT Texas

Viscosity
RT Fluid flow
RT Rheology

Vitrinite
BT1 Organic matter
RT Coal

Volatility
BT1 Thermodynamic properties
BT2 Physical properties
RT Evaporation
RT Flammability
RT Vapor pressure

Volcanic
See Volcanism

See Volcanoes

Volcanic activity
Use Volcanism

Volcanic regions
RT Volcanism
RT Volcanoes

Volcanicity
Use Volcanism

Volcanism
BT1 Geologic processes
RT Hydrothermal stage
RT Lava
RT Magma reservoirs
RT Plate tectonics
RT Pyroclastic rocks
RT Rift valleys
RT Volcanic regions
RT Volcanoes

Volcanoes
RT Volcanic regions
RT Volcanism
Also see Mud volcanoes

Volga
See USSR
See Volga River

Volga River
BT1 Europe
BT2 Continents
BT1 Rivers
BT2 Streams
RT USSR

Volume
BT1 Physical properties
RT Density

Vulcanism
Use Volcanism

Wairakei
See Hot water systems

See Wairakei Geothermal Field

Wairakei Geothermal Field
BT1 Geothermal fields
BT1 New Zealand
BT2 Australasia
RT Hot water systems

Wairakite
BT1 Zeolites
BT2 Silicate minerals

Warm springs
BT1 Thermal springs
BT2 Water springs

Warming
See Agriculture

Washing
RT Scrubbing

Washington
BT1 USA
BT2 North America

Waste
See Disposal wells
See Gaseous wastes
See Gravel packing
See Injection pumps
See Injection wells
See Liquid wastes
See Radioactive wastes
See Recovery processes
See Salt deposits
See Scrubbers
See Solid wastes
See Surface equipment
See Waste disposal
See Waste heat
See Waste management
See Waste storage
See Waste transportation
See Waste water
See Wastes
See Water

See Water pollution

Waste disposal
BT1 Waste management
BT2 Management
NT1 Stack disposal
NT1 Surface disposal
NT1 Underground disposal
RT Brine treatment
RT Disposal formations
RT Disposal wells
RT Fault activation
RT Gaseous wastes
RT Gravel packing
RT Injection wells
RT Liquid wastes
RT Radioactive wastes
RT Saline aquifers
RT Salt deposits
RT Solid wastes
RT Surface equipment
RT Suspended solids
RT Waste water
RT Wastes
RT Water pollution

Waste heat
BT1 Wastes
RT Aquaculture
RT Thermal effluents
RT Thermal pollution

Waste injection
RT Injectivity
RT Injectability
RT Injection pumps

Waste management
BT1 Management
NT1 Waste disposal
NT1 Waste processing
NT1 Waste storage
NT1 Waste transportation
RT Radioactive wastes
RT Recovery processes
RT Wastes

Waste processing
BT1 Processing
BT1 Waste management
BT2 Management
NT1 Materials recovery
RT Liquid wastes
RT Radioactive wastes
RT Recovery processes
RT Scrubbers

Waste storage
BT1 Waste management
BT2 Management

Waste transportation
BT1 Waste management
BT2 Management

Waste treatment
Use Waste processing

Waste water
BT1 Liquid wastes
BT2 Wastes
RT Waste disposal
RT Water
RT Water pollution

Waste water disposal
Use Waste water
Use Waste disposal

Wastes
NT1 Gaseous wastes
NT1 Liquid wastes
NT1 Radioactive wastes
NT1 Solid wastes
NT1 Waste heat
RT Pollution
RT Recovery processes
RT Waste disposal
RT Waste management
RT Water pollution
Also see Dissolved solids
Also see Gases
Also see Ground water
Also see Mineral wastes
Also see Surface waters
Also see Waste management

Also see Water

Water
NT1 Brackish water
NT1 Drinking water
NT1 Fresh water
NT1 Rain water
NT1 Salt water
RT Atmospheric precipitations
RT Ground water
RT Hydrates
RT Hydrosphere
RT Jets
RT Liquid wastes
RT Steam
RT Subsurface waters
RT Surface waters
RT Waste water
RT Water pollution
RT Water quality
RT Water requirements
RT Water resources
RT Water vapor
Also see Air monitoring
Also see Aquifers
Also see Artesian water
Also see Brines
Also see Capillary water
Also see Connate water
Also see Dewatering
Also see Dissolved gases
Also see Fluid withdrawal
Also see Free water
Also see Gas saturation
Also see Ground water
Also see Ground water recharge
Also see Hot water
Also see Hot water heating
Also see Hot water systems
Also see Hydraulic fracturing
Also see Hygroscopic water
Also see Interstitial water
Also see Jets
Also see Juvenile water
Also see Legal aspects
Also see Meteoric water
Also see Oil production
Also see Oil saturation
Also see Oil wells
Also see Overdraft
Also see Pollution control equipment
Also see Rain
Also see Reservoir engineering
Also see Reservoir rocks
Also see Salinity
Also see Sandstone
Also see Sea water
Also see Seas
Also see Solutions
Also see Steam
Also see Subsurface waters
Also see Surface waters
Also see Vadose water
Also see Waste disposal
Also see Waste water
Also see Water analysis
Also see Water influx
Also see Water management
Also see Water monitoring
Also see Water pollution abatement
Also see Water pollution control
Also see Water production
Also see Water quality
Also see Water requirements
Also see Water reservoirs
Also see Water resources
Also see Water springs
Also see Water table
Also see Water treatment
Also see Water vapor

Water analysis
BT1 Analysis
RT Air analysis
RT Dissolved gases
RT Dissolved solids
RT Odor
RT Water monitoring
RT Water pollution

Water conditioning
Use Water treatment

Water entry
RT Ground water recharge
RT Water production
See Encroachment (water)
See Intrusion

Water fracturing
Use Hydraulic fracturing

Water inflow
Use Water influx

Water influx
RT Aquifers
RT Injection

RT Leakage

Water jets
Use Jets

Water level
Use Water table

Water management
BT1 Management
RT Ground water
RT Irrigation
RT Water resources

Water monitoring
BT1 Monitoring
RT Air monitoring
RT Water analysis
RT Water pollution

Water pollution
BT1 Pollution
RT Environmental effects
RT Fouling
RT Waste disposal
RT Waste water
RT Wastes
RT Water
RT Water analysis
RT Water monitoring
RT Water pollution abatement
RT Water pollution control
RT Water quality

Water pollution abatement
BT1 Abatement
RT Pollution control equipment
RT Water pollution
RT Water pollution control

Water pollution control
BT1 Pollution control
BT2 Control
RT Water pollution
RT Water pollution abatement

Water production
BT1 Production
RT Formation testing
RT Oil production
RT Production testing
RT Water entry
RT Well testing

Water purification
Use Water treatment

Water quality
RT Drinking water
RT Irrigation
RT Water
RT Water pollution
RT Water treatment

Water recovery
Use Water production

Water requirements
RT Water
RT Water resources

Water reservoirs
BT1 Surface waters
NT1 Cooling ponds
RT Basins
RT Fresh water
RT Lakes
RT Reservoir engineering
RT Water resources

Water resources
BT1 Resources
RT Ground water
RT Rain water
RT Subsurface waters
RT Surface waters
RT Water
RT Water management
RT Water requirements
RT Water reservoirs
RT Water rights

Water rights
RT Legal aspects
RT Water resources

Water saturation
RT Gas saturation
RT Oil saturation
RT Reservoir rocks

Water springs
NT1 Mineral springs
NT1 Thermal springs
RT Aquifers
RT Artesian wells
RT Ground water

RT Water table

Water table
RT Aquifers
RT Drawdown
RT Ground water
RT Ground water recharge
RT Vadose water
RT Water springs

Water table aquifers
Use Aquifers

Water treatment
RT Desalination
RT Water quality

Water vapor
BT1 Vapors
BT2 Gases
RT Steam
RT Water

Waters
See Atmospheric precipitations
See Coastal waters
See Environment
See Flashing
See Geothermal fluids
See Hydrogeology
See Hydrothermal systems
See Oceanography
See Plankton
See Salt water
See Seas
See Shores
See Subsurface reservoirs
See Subsurface waters
See Surface waters
See Thermal effluents
See Thermal waters
See Water

Wave propagation

Waves
See Earthquakes
See Explosions
See Ground motion
See Rayleigh waves
See Seismic effects
See Seismic events
See Seismic p waves
See Seismic s waves
See Seismic waves
See Seismology
See Sound velocity
See Sound waves

Weather
RT Atmospheric precipitations
RT Climates
RT Hurricanes
RT Meteorology
RT Seasons
RT Storms
RT Wind

Weeks Island
BT1 Iberia Parish
BT2 Louisiana

Well
See Acidization
See Bottom hole pressure
See Bottom hole temperature
See Directional drilling
See Downhole pumps
See Downhole sampling
See Drawdown
See Drilling
See Drills
See Explosive stimulation
See Geopressured wells
See Geopressured zones
See Geothermal fields
See Geothermal wells
See Hole diameter
See Hydraulic fracturing
See Monitoring
See Natural gas fields
See Observation wells
See Oil fields
See Oil wells
See Plugging
See Reaming
See Reservoir properties
See Rock drilling
See Subsurface reservoirs
See Well casings
See Well cementing
See Well characteristics
See Well completion
See Well data
See Well design
See Well drilling
See Well head pressure
See Well head temperature
See Well information systems
See Well interference
See Well logging
See Well monitoring
See Well stimulation
See Wellheads

See Wells

Well acidizing
Use Acidization

Well casings
RT Casing programs
RT Flow string
RT Pipes
RT Well design
RT Well drilling
RT Wells

Well cementing
RT Drilling
RT Well design

Well characteristics
NT1 Bottom hole temperature
NT1 Bottom hole pressure
NT1 Well head temperature
NT1 Well-head pressure
RT Reservoir properties
RT Reservoir temperature
RT Temperature logging
RT Well data

Well completion
RT Casing programs
RT Formation damage
RT Natural gas wells
RT Oil wells
RT Well testing
RT Well data
RT Well design
RT Well drilling
RT Wellheads
RT Wireline operation

Well data
BT1 Information
RT Bottom hole pressure
RT Bottom hole temperature
RT Downhole sampling
RT Production decline curve
RT Reservoir properties
RT Well characteristics
RT Well completion
RT Well head pressure
RT Well head temperature
RT Wells

Well design
BT1 Design
RT Disposal formations
RT Disposal wells
RT Downhole pumps
RT Drilling equipment
RT Well casings
RT Well cementing
RT Well completion

Well drilling
BT1 Drilling
NT1 Deep drilling
NT1 Geothermal drilling
NT1 Oil drilling
NT1 Rotary drilling
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