

State of New Mexico
Energy and Minerals Department
Oil Conservation Division
~~2040 Pacheco Street~~
Santa Fe, New Mexico 87505

TF-02-007

1220 South St. Francis Dr.

APPLICATION FOR CATEGORY DETERMINATION

FOR DIVISION

USE ONLY:

APPROPRIATE FILING FEE ENCLOSED? YES ☒ NO ☐
DATE COMPLETE APPLICATION FILED March 25, 2002
DATE DETERMINATION MADE Nov. 20, 2002
WAS APPLICATION CONTESTED? YES ☐ NO ☒
NAME(S) OF INTERVENOR(S), IF ANY: na

FILING FEE(S) -

Effective October 1, 1986
a non-refundable filing fee
of \$25.00 per category for
each application is mandatory
(Rule 2, Order No. R-5878-B-3)

- | | |
|--|--|
| 1. Name of Operator: Burlington Resources Oil & Gas Company | 6. County: San Juan |
| 2. Address of Operator:
5051 Westheimer, Suite 1400
Houston, TX 77210-4236 | 7. API No: 30-045-24673 |
| 3. Location of Well: Unit Letter <u>F</u>
located <u>1,520</u> feet from the <u>N</u> line
and <u>1,735</u> feet from the <u>W</u> line of
Sec. <u>27</u> Twp. <u>29N</u> Rng. <u>11W</u> | 8. Indicate Type of Lease:
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 4. Farm or Lease Name:
Magnum | 9. State Oil & Gas Lease No.: |
| 5. Well No:
1E | 10. Unit Agreement Name:
SW43 |
| | 11. Field and Pool or Wildcat:
Basin Dakota |

Check the appropriate box for category sought and information submitted. Enter
Required information on lines 1 and 2, below.

1. Category sought NGPA Section No. 107 A1 ☐ occluded natural gas from coal seam
A3 ☒ natural gas from a designated tight formation
2. Filing Fee(s) amount enclosed: \$25.00
3. All application must contain:
- C-105 Well Completion or Recompletion Report
 - Affidavits of Mailing or Delivery

I HEREBY CERTIFY THAT THE INFORMATION CONTAINED HEREIN IS TRUE AND COMPLETE TO
THE BEST OF MY KNOWLEDGE AND BELIEF.

David K. Miller

NAME OF APPLICANT (Type or Print)

SIGNATURE OF APPLICANT

TITLE: Manager, Royalty Compliance/Litigation

DATE: March 4, 2002

FOR DIVISION USE ONLY

APPROVED: ☒

DISAPPROVED: ☐

The information contained herein includes all of the information required to be filed by the applicant under
Subpart B of Part 274 of the FERC regulations.

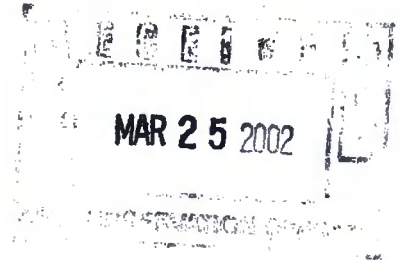
EXAMINER:

[Signature]

BURLINGTON RESOURCES

March 4, 2002

Mr. Michael Stogner
State of New Mexico
Energy and Minerals Department
Oil Conservation Division
2040 Pacheco Street
Santa Fe, NM 87505



Re: Application for Well Determination
NGPA Section 107
Mangum #1E
Sec. 27, T-29N, R-11W
San Juan Co., NM
Dakota Formation

Dear Mr. Stogner:

Burlington Resources Oil & Gas Company is enclosing, for review and approval by the New Mexico Oil Conservation Division, the original and two copies of an Application for Determination for the referenced well. Also, enclosed is Burlington's check for \$25.00 covering the State of New Mexico filing fee.

A copy of this letter, the FERC Form 121 and the OCD Form C-132 has been mailed to each working interest owner entitled to receive Notice of this Application.

Please indicate receipt of this filing by date stamping the attached extra copy of this letter and returning the copy for our records.

Sincerely,

David K. Miller
Manager, Royalty Compliance/Litigation

enclosures

xc: NGPA File

APPLICATION FOR DETERMINATION

A. THE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A WELL PRODUCING:

- A1 _____ occluded natural gas from a coal seam.
A2 _____ natural gas from Devonian shale.
A3 X natural gas from a designated tight formation.

B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:

1. Well Name and No.: Mangum #1E
2. Completed in (Name of Reservoir): Dakota
3. Field: Basin
4. County: San Juan
5. State: New Mexico
6. API Well No.: 30-045-24673
7. Measured Depth of the Completion Interval (in feet)
TOP: 6,024 BASE: 6,160

C. APPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO IS RESPONSIBLE FOR APPLICATION:

1. Applicant's Name: Burlington Resources Oil & Gas Company
2. Street: 5051 Westheimer, Suite 1400
3. City: Houston
4. State: Texas
5. Zip Code: 77056-5604
6. Name of Person Responsible: David K. Miller (713) 624-9086
7. Title of Such Person: Manager, Royalty Compliance/Litigation
8. Signature David K. Miller
Date: March 4, 2002

**APPLICATION FOR WELL CATEGORY DETERMINATION
PURSUANT TO SECTION 270 OF
THE FEDERAL ENERGY REGULATORY COMMISSION'S
REGULATIONS IMPLEMENTING
THE NATURAL GAS POLICY ACT OF 1978 (NGPA)**

**AFFIDAVIT
TIGHT FORMATION GAS**

STATE OF TEXAS

COUNTY OF HARRIS


BEFORE ME, the undersigned authority, duly commissioned and qualified within and for the State and County aforesaid, personally came and appeared David K. Miller, who being by me first duly sworn, deposed and said:

That he is the Manager, Royalty Compliance/Litigation for Burlington Resources Oil & Gas Company, the applicant for the well hereinafter described, and in that capacity, he is requesting the appropriate Authorized Officer to make a determination that this well is producing from a tight formation pursuant to the rules and regulations of the State of New Mexico and the Federal Energy Regulatory Commission (FERC), as such rules relate to the NGPA.

That production from the **Mangum #1E** well, **API No. 30-045-24673** is natural gas produced from a FERC designated tight formation, assigned **State No. NM-36**, through:

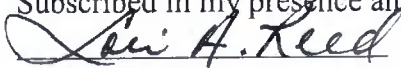
- X a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
- a recompletion commenced after January 1, 1993, in a well the surface drilling of which began after December 31, 1979, but before January 1, 1993; or
- a recompletion commenced after December 31, 1979, but before January 1, 1993, where such gas could not have been produced from any completion location in existence in the well bore before January 1, 1980.

Said applicant has no knowledge of any information not described in the application that is inconsistent with his conclusion.



David K. Miller,
Manager, Royalty Compliance/Litigation

Subscribed in my presence and duly sworn to before me, this 4th day of March 2002.



Notary Public

My Commission Expires:

NMOCD TF Affidavit



36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Kenneth E. Roddy TITLE Production Superintendent DATE April 21, 1981

NEW MEXICO OIL CONSERVATION COMMISSION
WE' LOCATION AND ACREAGE DEDICAT' Y PLAT

Form C-102
Supersedes C-1
Effective 1-1-6

All distances must be from the outer boundaries of the Section.

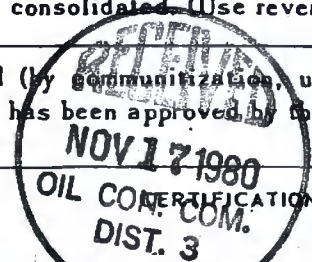
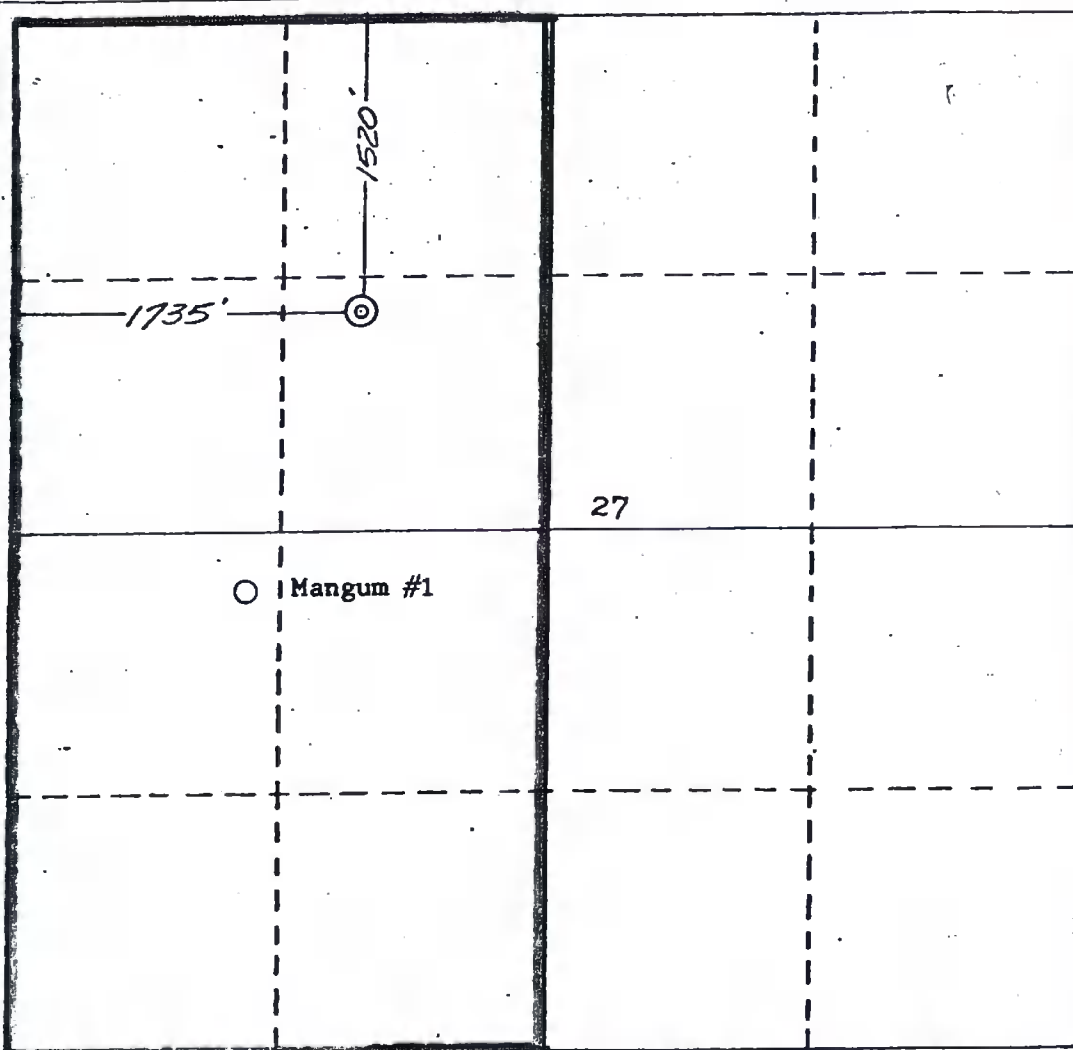
Operator SUPRON ENERGY CORPORATION			Lease MANGUM		Well No. 1-E
Unit Letter F	Section 27	Township 29 NORTH	Range 11 WEST	County SAN JUAN	
Actual Footage Location of Well: 1520 feet from the NORTH line and 1735 feet from the WEST line					
Ground Level Elev. 5422	Producing Formation Dakota		Pool Basin	Dedicated Acreage: W$\frac{1}{2}$ 320.00 Acres	

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized SW 43

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Rudy D. Motto
Name

Rudy D. Motto
Position

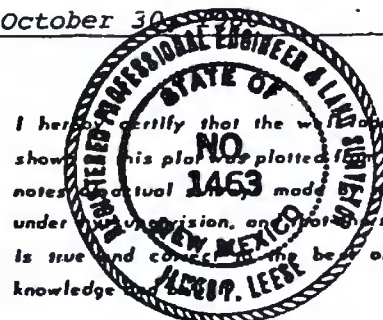
Area Superintendent

Company

SUPRON ENERGY CORPORATION

Date

October 30, 1980



I hereby certify that the well location shown on this plat was plotted from field notes of actual survey made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

Date Surveyed

October 23, 1980

Registered Professional Engineer and/or Land Surveyor

James P. Leese
James P. Leese

Certificate No.

1463

BURLINGTON RESOURCES
801 CHERRY STREET SUITE 200
FORT WORTH, TX 76102-6842

1/1/2002

NEW MEXICO STATE 16408 0552
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO STREET
SANTA FE, NM 87505

PAYMENT SUMMARY

VENDOR NUMBER
CHECK NUMBER

67739200
0000685790

PHONE NUMBER
CHECK DATE

817-347-2950
02/22/02

VOUCHER ID
00852477

INVOICE NUMBER
RFC

INVOICE DATE
02/12/2002

PAYMENT COMMENTS

PAID AMOUNT
25.00
25.00

TOTAL

DOCUMENT CONTAINS ANTI-COPY VOID PANTOGRAPH, MICRO PRINT BORDER, VERIFICATION BOX (TO RIGHT OF ARROW, HOLD BETWEEN THUMB AND FOREFINGER, OR BREATHE ON IT, COLOR WILL DISAPPEAR, THEN REAPPEAR), AND A SIMULATED WATERMARK ON THE BACK

BURLINGTON RESOURCES
801 CHERRY STREET SUITE 200
FORT WORTH, TX 76102-6842

62-20/311

VENDOR NO
67739200

CHECK DATE
02/22/2002

CHECK NUMBER
0000685790

PAY...TWENTY FIVE DOLLARS 00 CENTS

VALID FOR 60 DAYS

\$*****25.00

TO THE ORDER OF
NEW MEXICO STATE
OIL CONSERVATION DIVISION
2040 SOUTH PACHECO STREET
SANTA FE, NM 87505

CITIBANK, DELAWARE
NEW CASTLE, DE 19720

Daniel W. Haulk

0000685790 0311002091

38822376

Stogner, Michael

From: Gilcrease Jim [JGilcrease@br-inc.com]
Sent: Wednesday, July 24, 2002 10:09 AM
To: mstogner@state.nm.us
Subject: NGPA Well Determination Filing Review



NMOCD NGPA Filing
List (Approv...

Mike, Burlington Resources submitted the Well Determination Filings referenced on the attached list for NMOCD review and approval several months ago and todate we do not show that action has been taken on them. Can you please check the status of these filings and let me know where they stand?

Jim Gilcrease
Burlington Resources
5051 Westheimer, Suite 1400
Houston, TX 77056-5604
713-624-9092
jgilcrease@br-inc.com

<<NMOCD NGPA Filing List (Approval follow up).xls>>

PENDING NGPA FILINGS - NEW MEXICO OIL CONSERVATION DIVISION

WELL NAME	API NO.	LOCATION	COUNTY	FORMATION	DATE MAILED TO NMOCD
Mangum # 1E	30-045-24673	Sec. 27, T-29N, R-11W	San Juan	Dakota	3/4/2002
Sategna #2E	30-045-24060	Sec. 21, T-29N, R-11W	San Juan	Dakota	3/4/2002
Johnston A #16	30-039-24739	Sec. 36, T-27N, R-6W	Rio Arriba	Fruitland Coal	12/18/2001
Mexico Federal N #1E	30-045-08332	Sec. 15, T-29N, R-11W	San Juan	Dakota	9/24/2001
Culpepper Martin #1E	30-045-25114	Sec. 31, T-32N, R-12W	San Juan	Dakota	10/4/2001
Kelly Knott #1A	30-045-25542	Sec. 8, T-30N, R-10W	San Juan	Mesa Verde	10/1/2001
New Mexico B Com #1E	30-045-24538	Sec. 16, T-29N, R-11W	San Juan	Dakota	10/1/2001
Culpepper Martin #1A	30-045-25112	Sec. 31, T-32N, R-12W	San Juan	Dakota	9/26/2001
Pierce A #4	30-045-25432	Sec. 13, T-30N, R-10W	San Juan	Mesa Verde	9/24/2001



United States Department of the Interior

REC: JED

BUREAU OF LAND MANAGEMENT

Albuquerque District Office

435 Montano, N.E.

Albuquerque, New Mexico 87107



93 JAN 8 AM 8 56

3160 (015)

Certified Mail No. P 765 887 658
Return Receipt Requested

January 6, 1993

Marilyn L. Rand, Director
Division of Producer Regulation
Federal Energy Regulatory Commission
825 North Capitol Street NE
Washington, DC 20426

Dear Ms. Rand:

This jurisdictional agency hereby designates the Dakota formation underlying the following described lands in San Juan County, New Mexico, as a tight formation under Section 107 of the NGPA. The BLM Docket Number assigned to this designation is NM-347-92.

Township 26 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 27 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 28 North, Range 11 West, NMPM
Sections 7 through 36: All

Township 29 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 11 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 11 West, NMPM
Sections 2 through 11: All
Sections 14 through 21: All
Sections 28 through 33: All

Township 32 North, Range 11 West, NMPM
Sections 28 through 33: All

Township 27 North, Range 12 West, NMPM
Sections 1 through 7: All
Section 8: N/2
Section 9: N/2
Sections 10 through 15: All

Township 28 North, Range 12 West, NMPM
Sections 7 through 36: All

Township 29 North, Range 12 West, NMPM
Sections 1 through 36: All

Township 30 North, Range 12 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 12 West, NMPM
Sections 1 through 36: All

Township 32 North, Range 12 West, NMPM
Sections 25 through 27: All
Sections 32 through 36: All

Township 27 North, Range 13 West, NMPM
Sections 1 and 2: All
Section 3: E/2
Section 10: E/2
Sections 11 through 13: All

Township 28 North, Range 13 West, NMPM
Sections 10 through 15: All
Sections 22 through 27: All
Section 34: E/2
Sections 35 and 36: All

Township 29 North, Range 13 West, NMPM
Sections 1 through 3: All
Sections 10 through 15: All
Section 20: E/2
Sections 21 through 28: All
Section 29: E/2
Section 32: E/2
Sections 33 through 36: All

Township 30 North, Range 13 West, NMPM
Sections 1 through 36: All

Township 31 North, Range 13 West, NMPM
Section 13: All
Sections 22 through 27: All
Sections 33 through 36: All

Township 30 North, Range 14 West, NMPM
Sections 13 and 14: All
Sections 24 and 25: All
Sections 35 and 36: All

The total area encompasses 287,243 acres, more or less. The acreage consists of 66.9% Federal, 22.1% Fee, 6.8% State and 4.2% Indian Lands.

The applicant, Amoco Production Company, has designated the area described above as the "Gallegos Area Basin Dakota Pool."

The San Jose, Nacimiento, and Ojo Alamo aquifers are located within the designated area. These aquifers occur from the surface of the ground to an approximate depth of 1200 feet. Existing Federal and State of New Mexico Regulations administered by the U.S. Bureau of Land Management and the New Mexico Oil Conservation Division relating to drilling, casing, and cementing of wells are in effect to help assure that development of the Dakota formation will not adversely affect said aquifers.

The estimated average in-situ gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.

The stabilized production rate, against atmospheric pressure, of wells completed for production in the Dakota formation, without stimulation, is not expected to exceed the maximum production rate prescribed by the FERC regulations.

No well drilled into the designated tight formation is expected to produce, without stimulation, more than five barrels of crude oil per day.

The formation has been authorized to be developed by infill drilling. No development drilling has occurred in the designated area for more than 5 years.

Evidence was presented by the applicant to the BLM and the New Mexico Oil Conservation Division at an informal conference held by the BLM on August 26, 1992, at Albuquerque, New Mexico. The exhibits and other documentation discussed at that conference are enclosed.

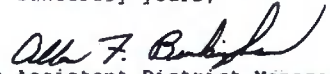
Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, signifying their concurrence with this designation.

It is requested that this jurisdictional agency be advised in writing when the 45 day review period will end and the appropriate FERC Order No. and/or State No. (NM-___) assigned to this tight formation be included.

Persons objecting to this determination may file a protest directly with the Federal Energy Regulatory Commission, in accordance with 18 CFR Part 275.203 and 275.204, within 20 days after the notice is published in the Federal Register by the FERC.

If you have any questions please contact Allen F. Buckingham at (505) 761-8765.

Sincerely yours,


for Assistant District Manager
Mineral Resources

Enclosures

cc:
Michael E. Stogner, NM Oil Conservation Division
J. W. Hawkins, Amoco Production Company
NM-922 (Joe Chesser)
NM-015 (Hector Villalobos)

organizations can gain a better understanding of the requirements and objectives of the Commission in ensuring compliance with all environmental certificate conditions and meeting its responsibilities under the National Environmental Policy Act and other laws and regulations. Interested organizations are urged to take advantage of these courses.

Course discussion will include the following topics:

- Objectives and requirements of FERC construction orders;
- Preconstruction clearance filings and obtaining Notices to Proceed; and
- Environmental Inspection as it relates to:
 - Right-of-way preparation;
 - General erosion control;
 - Right-of-way restoration;
 - Topsoil segregation;
 - Stream and river crossing;
 - Wetland construction;
 - Residential area construction;
 - Construction and restoration in arid climates;
 - Cultural resources/Paleontology; and
 - Right-of-way maintenance.

The training courses will be given in the locations identified below. Details on location and time may be obtained from Mr. George Willant at the number listed below.

Houston, TX—May 4, 5, and 6, 1993
Washington, DC—June 8, 9, and 10, 1993

The course is designed for individuals directly involved in environmental performance such as environmental and right-of-way inspectors, and construction contractor personnel. Training will be conducted by Ebasco Environmental (Ebasco), the Commission's environmental support contractor, under the direction of the staff of OPR. There will be no registration fee.

Any organization or individual interested in participating in this course should preregister by sending in a written request to George Willant at: Ebasco Environmental, 211 Congress Street, Boston, MA 02110-2410.

The request should include names, addresses and telephone numbers. Session attendance will be limited to 200 and only one set of course materials will be available per preregistered attendee.

Additional information may be obtained from Mr. John Leiss at (202) 208-1106 or Mr. George Willant of Ebasco at (617) 451-1201.

Previous sessions have been very popular so we urge those interested in attending to send in their written request early. Preregistration must be

received at least 30 days prior to the date of the session.

Linwood A. Watson, Jr.,

Acting Secretary.

[FR Doc. 93-1786 Filed 1-25-93; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. QF93-18-000]

**Staten Island Cogeneration Corp.;
Amendment to Filing**

January 15, 1993

On January 11, 1993, Staten Island Cogeneration Corporation (Applicant) tendered for filing a supplement to its filing in this docket.

The amendment provides additional information pertaining to the ownership and technical aspects of its cogeneration facility. No determination has been made that the submittal constitutes a complete filing.

Any person desiring to be heard or objecting to the granting of qualifying status should file a motion to intervene or protest with the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426, in accordance with rules 211 and 214 of the Commission's Rules of Practice and Procedure. All such motions or protests must be filed on or before February 4, 1993, and must be served on the applicant. Protests will be considered by the Commission in determining the appropriate action to be taken but will not serve to make protestants parties to the proceeding. Any person wishing to become a party must file a petition to intervene. Copies of this filing are on file with the Commission and are available for public inspection.

Linwood A. Watson, Jr.,

Acting Secretary.

[FR Doc. 93-1787 Filed 1-25-93; 8:45 am]

BILLING CODE 6717-01-M

**Magic Water Co., Inc.; Application
Accepted for Filing with the
Commission**

January 15, 1993.

Take notice that the following hydroelectric application has been filed with the Federal Energy Regulatory Commission and is available for public inspection.

a. *Type of Application:* Original License for Minor Project (Tendered Notice).

b. *Project No.:* 7923-004.

c. *Date Filed:* January 4, 1993.

d. *Applicant:* Magic Water Company, Inc.

e. *Name of Project:* Magic Water Company Hydroelectric Project.

f. *Location:* Partially on lands administered by the Bureau of Land Management, on Salmon Falls Creek, near the town of Buhl, in Twin Falls County, Idaho. Section 2 in T10S, R13E.

g. *Filed Pursuant to:* Federal Power Act, 16 U.S.C. § 791(a)-825(r).

h. *Applicant Contact:* John J. Straubhar, P.E., P.O. Box 820, Twin Falls, ID 83303, (208) 736-8255.

i. *FERC Contact:* Mr. Michael Strzalecki, (202) 219-2827.

j. *Description of Project:* The project would consist of: (1) The applicant's existing 12-foot-high, 150-foot-long dam; (2) a 2,584-foot-long, 36-inch-diameter steel penstock; (3) a powerhouse containing one generating unit with an installed capacity of 113 kW; (4) a tailrace; (5) a 50-foot-long underground transmission line interconnecting with an existing Idaho Power Company transmission line; and (6) appurtenant facilities.

k. With this notice, we are initiating consultation with the State Historic Preservation Officer (SHPO), as required by section 106, National Historic Preservation Act, and the regulations of the Advisory Council on Historic Preservation, 36 CFR, at § 800.4.

l. Under § 4.32(b)(7) of the Commission's regulations (18 CFR), if any resource agency, SHPO, Indian Tribe, or person believes that the applicant should conduct an additional scientific study to form an adequate factual basis for a complete analysis of the application on its merits, they must file a request for the study with the Commission no later than 60 days after the application is filed, (March 5, 1993) and must serve a copy of the request on the applicant.

m. The Commission's deadline for the applicant's filing of a final amendment to the application is April 4, 1993.

Linwood A. Watson, Jr.,

Acting Secretary.

[FR Doc. 93-1788 Filed 1-25-93; 8:45 am]

BILLING CODE 6717-01-M

[Docket No. JD93-02898T New Mexico-36]

**Department of the Interior, Bureau of
Land Management; NGPA Notice of
Determination by Jurisdictional
Agency Designating Tight Formation**

January 15, 1993.

Take notice that on January 11, 1993, the United States Department of the Interior's Bureau of Land Management (BLM) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Dakota Formation in San Juan County, New Mexico,

qualifies as a tight formation section 107(b) of the Act of 1978. The are described on the att

The notice of determination contains BLM and U.S. Department of Energy Natural Resources' referenced portion of Formation meets the Commission's regulations CFR part 271.

The application for available for inspection material which is covered by CFR 275.206, at the U.S. Regulatory Commission Capitol Street, NE., V 20426. Persons objecting to the determination may file a request for a determination in accordance with 18 CFR 275.204, within 20 days of the date this notice is issued.

Linwood A. Watson, Jr.,
Acting Secretary.

Appendix

Township 26 North, Range 30 East, Section 1-36: All
Township 27 North, Range 30 East, Section 1-36: All
Township 29 North, Range 30 East, Section 1-36: All
Township 30 North, Range 30 East, Section 1-36: All
Township 29 North, Range 31 East, Section 1-36: All
Township 30 North, Range 31 East, Section 1-36: All
Township 31 North, Range 30 East, Section 1-36: All
Township 30 North, Range 31 East, Section 1-36: All
Township 28 North, Range 30 East, Section 1-36: All
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Township 2

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, D. C. 20426

OIL CONSERVATION DIVISION
RECEIVED

In Reply Refer To:
PR25.2/SS

MAR 1 1993 9 27

Mr. Allen Buckingham
Bureau of Land Management
Division of Mineral Resources
435 Montero Rd., NE
Albuquerque, New Mexico 87107

MAR 1 1993

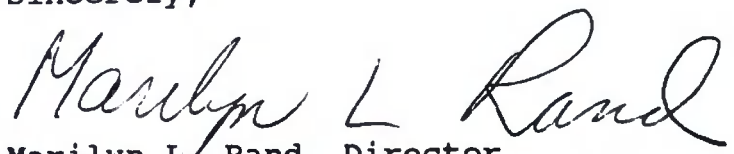
Re: Tight Formation Determination
New Mexico-36
Dakota Formation
FERC No. JD93-02898T

Dear Mr. Buckingham:

On January 11, 1993, the Commission received the above-referenced notice of determination from the United States Department of the Interior's Bureau of Land Management that the Dakota Formation underlying a portion of San Juan County, New Mexico, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The notice included a letter of concurrence from the State of New Mexico. The area of application is more particularly described on the attached appendix.

The 45-day period for Commission review of this notice of determination expired February 25, 1993, and the determination is final. Therefore, the Dakota Formation underlying the recommended area has been approved for tight formation designation.

Sincerely,



Marilyn L. Rand, Director
Division of Producer Regulation

cc: Amoco Production Co.
P.O. Box 800
Denver, CO 80201

Mr. William J. LeMay
Oil Conservation Commission
New Mexico Department of Energy,
Minerals and Natural Resources
P.O. Box 2088
Santa Fe, NM 87504

JD93-02898T
New Mexico-36

APPENDIX

The area of application contains 287,243 acres, more or less, of Federal (66.9%), State (6.8%), Fee (22.1%) and Indian (4.2%) lands all in San Juan County, New Mexico.

Township 26 North, Range 11 West
Township 27 North, Range 11 West
Township 29 North, Range 11 West
Township 30 North, Range 11 West
Township 29 North, Range 12 West
Township 30 North, Range 12 West
Township 31 North, Range 12 West
Township 30 North, Range 13 West

Sections 1-36: All

Township 28 North, Range 11 West
Township 28 North, Range 12 West
Section 7-36: All

Township 31 North, Range 11 West
Sections 2-11: All
Sections 14-21: All
Sections 28-33: All

Township 32 North, Range 11 West
Sections 28-33: All

Township 27 North, Range 12 West
Sections 1-7: All
Sections 8-9: N/2
Sections 10-15: All

Township 32 North, Range 12 West
Sections 25-27: All
Sections 32-36: All

Township 27 North, Range 13 West
Sections 1-2: All
Sections 3 and 10: E/2
Sections 11-13: All

Township 28 North, Range 13 West
Sections 10-15: All
Sections 22-27: All
Section 34: E/2
Sections 35 and 36: All

JD93-02898T
New Mexico-36

Township 29 North, Range 13 West

Sections 1-3: All
Sections 10-15: All
Section 20: E/2
Sections 21-28: All
Sections 29 and 32: E/2
Sections 33-36: All

Township 31 North, Range 13 West

Section 13: All
Sections 22-27: All
Sections 33-36: All

Township 30 North, Range 14 West

Sections 13 and 14: All
Sections 24 and 25: All
Sections 35 and 36: All

District I
PO Box 1980, Hobbs, NM 88241-1980

District II
P.O. Drawer DD, Artesia, NM 88211-0719

District III
1000 Rio Brazos Rd., Aztec, NM 87410

District IV
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico
Energy, Minerals, & Natural Resources Department

Form C-104
Revised February 21, 1994
Instructions on back
Submit to Appropriate District Office
5 Copies

OIL CONSERVATION DIVISION
PO Box 2088
Santa Fe, NM 87504-2088

☐ AMMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator Name and Address Burlington Resources Oil & Gas PO Box 4289 Farmington, NM 87499		² OGRID Number 14538
		³ Reason for Filing Code CO - 7/11/96
⁴ API Number 30-045-24673	⁵ Pool Name BASIN DAKOTA (PRORATED GAS)	⁶ Pool Code 71599
⁷ Property Code 007282	⁸ Property Name MANGUM	⁹ Well Number #1E

II. ¹⁰ Surface Location

UI or lot no. F	Section 27	Township 029N	Range 011W	Lot.Idn	Feet from the 1520	North/South Line N	Feet from the 1735	East/West Line W	County SAN JUAN
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¹¹ Bottom Hole Location

UI or lot no.	Section	Township	Range	Lot.Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code		¹³ Producing Method Code		¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ POD	²¹ O/G	²² POD ULSTR Location and Description
25244	WILLIAMS FIELD SERVICES CO P.O. BOX 38900 SALT LAKE CITY, UT 84158-0900		G	F-27-T029N-R011W
9018	Giant Industries 5764 US Hwy 64 Farmington, NM 87401	1521310	O	F-27-T029N-R011W

IV. Produced Water

²³ POD	²⁴ POD ULSTR Location and Description
-------------------	--

V. Well Completion Data

²⁵ Spud Date	²⁶ Ready Date	²⁷ TD	²⁸ PBTD	²⁹ Perforations
³⁰ Hole Size	³¹ Casing & Tubing Size	³² Depth Set	³³ Sacks Cement	

VI. Well Test Data

³⁴ Date New Oil	³⁵ Gas Delivery Date	³⁶ Test Date	³⁷ Test Length	³⁸ Tbg. Pressure	³⁹ Csg. Pressure
⁴⁰ Choke Size	⁴¹ Oil	⁴² Water	⁴³ Gas	⁴⁴ AOF	⁴⁵ Test Method

⁴⁶ I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Dolores Diaz</i>		OIL CONSERVATION DIVISION Approved by: Frank T. Chavez Title: District Supervisor Approved Date: July 11, 1996	
Printed Name: Dolores Diaz Title: Production Associate Date: 7/11/96		Phone: (505) 326-9700	
⁴⁷ If this is a change of operator fill in the OGRID number and name of the previous operator 14538 Meridian Oil Production			
Previous Operator Signature Signature: <i>Dolores Diaz</i>		Printed Name Dolores Diaz	Title Production Associate Date 7/11/96

Submit 3 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

OIL CONSERVATION DIVISION
RECEIVED

90 JUL 30 AM 8 3

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

Operator MERIDIAN OIL INC.		Well API No.
Address P. O. Box 4289, Farmington, New Mexico 87499		
Reason(s) for Filing (Check proper box) New Well <input type="checkbox"/> Change in Transporter of: <input type="checkbox"/> Other (Please explain) Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Change in Operator <input checked="" type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>		
If change of operator give name and address of previous operator Union Texas Petroleum Corporation, P. O. Box 2120, Houston, TX 77252-2120		

II. DESCRIPTION OF WELL AND LEASE

Lease Name MANGUM	Well No. 1E	Pool Name, including Formation BASIN DAKOTA	Kind of Lease State, Federal or Fee <input checked="" type="radio"/>	Lease No. FEE
Location Unit Letter F : 1520 Feet From The N Line and 1735 Feet From The W Line Section 27 Township 29N Range 11W , NMPM , SAN JUAN County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil Meridian Oil Inc. <input checked="" type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4289, Farmington, NM 87499					
Name of Authorized Transporter of Casinghead Gas Sunterra Gas Gathering co. <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P.O. Box 26400, Albuquerque, NM 87125					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rgn.	Is gas actually connected?	When?

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth			P.B.T.D.		
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay			Tubing Depth		
Perforations						Depth Casing Shoe		
TUBING, CASING AND CEMENTING RECORD								
HOLE SIZE		CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT		

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Producing Method
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Leslie Kahwajy
Signature
Leslie Kahwajy Prod. Serv. Supervisor
Printed Name
6/15/90 Title
(505)326-9700
Date Telephone No.

OIL CONSERVATION DIVISION

JUL 03 1990

Date Approved
By *Brian D. Shaw*
SUPERVISOR DISTRICT #3
Title

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply completed wells.

Submit 5 Copies
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM 88240

DISTRICT II
P.O. Drawer DD, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

P.O. Box 2088
Santa Fe, New Mexico 87504-2088

Form C-104
Revised 1-1-89
See Instructions
at Bottom of Page

REQUEST FOR ALLOWABLE AND AUTHORIZATION
TO TRANSPORT OIL AND NATURAL GAS

RECEIVED

AUG 12 11 20 AM '89

I. Operator Union Texas Petroleum Corporation Well API No. _____

Address P.O. Box 2120 Houston, Texas 77252-2120

Reason(s) for Filing (Check proper box)

New Well ☐ Change in Transporter of: ☐ Other (Please explain) _____
Recompletion ☐ Oil ☒ Dry Gas ☐
Change in Operator ☐ Casinghead Gas ☐ Condensate ☐

If change of operator give name
and address of previous operator _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mangum Well No. 1E Pool Name, including Formation CBASIN (Dakota) Kind of Lease State, Federal or Fee Lease No. Fee
Location Unit Letter F 1520 Feet From The N Line and 1735 Feet From The W Line
Section 27 Township 29N Range 11W NMPM, SAN JUAN County

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☒ or Condensate ☐ Address (Give address to which approved copy of this form is to be sent)
Meridian Oil Inc. P.O. Box 4289, Farmington, NM 87499
Name of Authorized Transporter of Casinghead Gas ☐ or Dry Gas ☒ Address (Give address to which approved copy of this form is to be sent)
Sunterra Gas Gathering Co. P.O. Box 26400, Albuquerque, NM 87125
If well produces oil or liquids, give location of tanks. Unit Sec. Twp. Rgn. Is gas actually connected? When?

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE

OIL WELL (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours.)

Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size

VI. OPERATOR CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Annette C. Bisby
Signature Annette C. Bisby Env. & Reg. Sec'rtry
Printed Name 8-7-89 Title (713) 968-4012
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved AUG 28 1989
By Brian D. Chang
Title SUPERVISION DISTRICT # 3

INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

- 1) Request for allowable for newly drilled or deepened well must be accompanied by tabulation of deviation tests taken in accordance with Rule 111.
- 2) All sections of this form must be filled out for allowable on new and recompleted wells.
- 3) Fill out only Sections I, II, III, and VI for changes of operator, well name or number, transporter, or other such changes.
- 4) Separate Form C-104 must be filed for each pool in multiply commingled wells.

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 08-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED
JUN 19 1987
OIL CON. DIV.

I. Operator
Union Texas Petroleum Corporation

Address
375 US Highway 64, Farmington, NM 87401

Reason(s) for filing (Check proper box)

<input type="checkbox"/> New Well	Change in Transporter of:
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas
	<input checked="" type="checkbox"/> Dry Gas
	<input type="checkbox"/> Condensate

Other (Please explain)

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mangum	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Lease Fee
Location				
Unit Letter F	1520	Feet From The North	Line and 1735	Feet From The West
Line of Section 27	Township 29N	Range 11W	NMPM,	San Juan
				Cour

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Conoco, Inc. Surface Trans.	P. O. Box 1429, Bloomfield, NM 87413
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
Sunterra Gas Gathering Company	P. O. Box 1809, Bloomfield, NM 87413
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
Unit F, Sec. 27, Twp. 29N, Rge. 11W	

If this production is commingled with that from any other lease or pool, give commingling order number

NOTE: Complete Parts IV and V on reverse side if necessary.

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Robert C. Frank
(Signature)
Permit Coordinator
June 17, 1987
(Date)

OIL CONSERVATION DIVISION
JUN 19 1987
APPROVED Frank J. [Signature]
BY [Signature]
TITLE SUPERVISOR DISTRICT #3

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deep well, this form must be accompanied by a tabulation of the dev tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for wells on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of a well name or number, or transporter or other such change of content.
Separate Forms C-104 must be filed for each pool in non-completed wells.

IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Dill. Res.
Date Spudded	Date Compl. Ready to Prod.	Total Depth				P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay				Tubing Depth			
Perforations						Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

GAS WELL

Actual Prod. Test - MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size

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OIL CONSERVATION DIVISION
P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

nion Texas Petroleum Corporation

. 0. Box 1290, Farmington, New Mexico 87499

on(s) for filing (Check proper box)

New York

Reception of the Book

Change in Ownership

Change in Transpiration of:

20

☐ **Coalbed Gas**

☐ Dry Good

☒ Condensate

Other (Please explain)

page of ownership give name
address of previous owner _____

DESCRIPTION OF WELL AND LEASE

Name	Well No.	Pool Name, including Formation	Kind of Lease State, Federal or Fee	Lease No.
Mangum	1-E	Basin Dakota	State, Federal or Fee	Fee

all Letter F : 1520 Feet From The North Line and 1735 Feet From The West

Line of Section 27 Township 29N Range 11W, NMPM, San Juan County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS


For Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>					Address (Give address to which approved copy of this form is to be sent)	
onoco, Inc. Surface Transportation					P. O. Box 1429, Bloomfield, N.M. 87413	
For Authorized Transporter of casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>					Address (Give address to which approved copy of this form is to be sent)	
Southern Union Gathering Company					P. O. Box 26400, Albuquerque, N.M. 87125	
It produces oil or liquids, location of tanks.	Unit F	Sec. 27	Twp. 29N	Rgs. 11W	Is gas actually connected? Yes	When

production is commingled with that from any other lease or pool, give commingling order number:

E: Complete Parts IV and V on reverse side if necessary.

CERTIFICATE OF COMPLIANCE

by certify that the rules and regulations of the Oil Conservation Division have
 complied with and that the information given is true and complete to the best of
 knowledge and belief.


Kenneth E. Roddy (Signature)
Rea Production Superintendent

/26/85

Title

(Date)

OIL CONSERVATION DIVISION

APR 26 1985
APPROVED _____ 19____

BY Mark Holson

TITLE DEPUTY OIL & GAS INSPECTOR, DIST #3

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowance on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Forms C-104 must be filed for each pool in multiply completed wells.

RECEIVED
APR 26 1985
OIL CON. DIST.

V. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Reev.	Dill. Rev.
Date Drilled	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.				
Deviations (DF, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay			Tubing Depth				
Circulations						Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

MOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours) -

Re-First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Real Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

S WELL

Real Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Producing Method (pilot, back pr.)	Tubing Pressure (Start-1st)	Casing Pressure (Start-1st)	Choke Size

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

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OIL CONSERVATION DIVISION

P. O. BOX 2088
SANTA FE, NEW MEXICO 87501

Form C-104
Revised 10-01-78
Format 06-01-83
Page 1

REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Union Texas Petroleum Corporation

P. O. Box 1290, Farmington, New Mexico 87499

Reason(s) for filing (Check proper box)

New Well ☐ Change in Transporter of: ☐ Oil ☐ Dry Gas
Recompletion ☐ ☐ 'Ceasinghead Gas ☒ Condensate
Change in Ownership ☐

Other (Please explain)

Change of ownership give name
address of previous owner

DESCRIPTION OF WELL AND LEASE

Well Name	Well No.	Pool Name, including Formation	Kind of Lease	Lease No.
Mangum	1-E	Basin Dakota	State, Federal or Fee	Fee

Unit Letter F : 1520 Feet From The North Line and 1735 Feet From The West

Line of Section 27 Township 29N Range 11W . NMPM. San Juan County

DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil ☐ or Condensate ☒

Gary Energy Corporation

Address (Give address to which approved copy of this form is to be sent)

P. O. Box 489, Bloomfield, N.M. 87413

Name of Authorized Transporter of Ceasinghead Gas ☐ or Dry Gas ☒

Southern Union Gathering Company

Address (Give address to which approved copy of this form is to be sent)

P. O. Box 26400, Albuquerque, N.M. 87125

Well produces oil or liquids,
or location of tanks.

Unit	Sec.	Twp.	Range
F	27	29N	11W

Is gas actually connected? ☒ When

Is production commingled with that from any other lease or pool, give commingling order number:

NOTE: Complete Parts IV and V on reverse side if necessary.

CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Division have been complied with and that the information given is true and complete to the best of my knowledge and belief.

Kenneth E. Roddy
Kenneth E. Roddy (Signature)
Area Production Superintendent
(Title)

10/2/84

(Date)

OIL CONSERVATION DIVISION

APPROVED

Frank J. Quigley
NOV 01 1984
SUPERVISOR DISTRICT # 3

BY

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter, or other such change of condition.

Separate Form C-104 must be filed for each pool in multiply completed wells.

OCT 10 1984

OIL CON. DIV.
DIST. 3

7. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Rec'y.	Diff. Rec'y.
Date Spudded	Date Compl. Ready to Prod.	Total Depth			P.B.T.D.				
Locations (DF, RKB, RT, CR, etc.)	Name of Producing Formation	Top Oil/Gas Pay			Tubing Depth				
Circulations							Depth Casing Shoe		

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of normal volume of load oil and must be equal to or exceed top oil able for this depth or be for full 24 hours)

First New Oil Run To Tanks		Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Depth of Test	Tubing Pressure	Casing Pressure	Choke Size	
Test Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF	

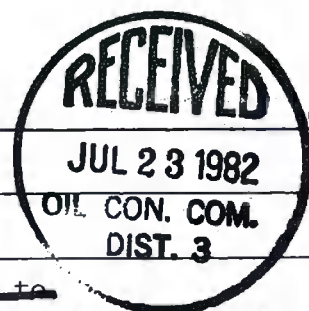
5 WELL

Test Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (pilot, back pr.)	Tubing Pressure (Shut-In)	Casing Pressure (Shut-In)	Choke Size

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-11
Effective 1-1-65



I. Operator
Union Texas Petroleum Corporation
Address
1860 Lincoln Street, Suite 1010, Denver, Colorado 80295
Reason(s) for filing (Check proper box)
New Well ☐ Change in Transporter of: Oil ☐ Dry Gas ☐
Recompletion ☐ Casinghead Gas ☐ Condensate ☐
Change in Ownership ☒ Other (Please explain)
~~Change of Ownership to~~
~~Unicon Producing Company Successor to~~
~~Supron Energy Corporation~~

If change of ownership give name and address of previous owner
Supron Energy Corporation, P.O. Box 808, Farmington, New Mexico 87401

II. DESCRIPTION OF WELL AND LEASE

Lease Name MANGUM	Well No. 1-E	Pool Name, Including Formation BASIN DAKOTA	Kind of Lease State, Federal or Fee FEE	Lease No.
Location Unit Letter F, 1520 Feet From The NORTH Line and 1735 Feet From The WEST Line of Section 27 Township 29N Range 11 W, NMPM, SAN JUAN County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Plateau, Inc.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 108, Farmington, NM 87401					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Southern Union Gathering Co.	Address (Give address to which approved copy of this form is to be sent) 1800 First International Building Dallas, TX 75201					
If well produces oil or liquids, give location of tanks.	Unit F	Sec. 27	Twp. 29N	Rge. 11W	Is gas actually connected? YES	When 10-20-81

If this production is commingled with that from any other lease or pool, give commingling order number:

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		XX	XX					
Date Spudded 02/27/81	Date Compl. Ready to Prod. 04/21/81		Total Depth 6240		P.B.T.D. 6224			
Elevations (DF, RKB, RT, GR, etc.) 5434 R.K.B.	Name of Producing Formation DAKOTA		Top Oil/Gas Pay 6024		Tubing Depth 6104			
Perforations 6024-6160					Depth Casing Shoe 6240			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	8-5/8", 24.00#	365	275
7-7/8"	4-1/2", 10.50#	6240	1300 (3 stages)
	2-3/8" E.U.E., 4.70#	6104	

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-Mcf

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pitot, back pr.)	Tubing Pressure (shut-in)	Casing Pressure (shut-in)	Choke Size

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Union Texas Petroleum Corporation

J. S. Enpice
(Signature)
Vice-President

(Title)

6/10/82

(Date)

OIL CONSERVATION COMMISSION

APPROVED

JUL 23 1982

BY

SUPERVISOR DISTRICT # 3

TITLE

This form is to be filed in compliance with RULE 1104.

If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

All sections of this form must be filled out completely for allowable on new and recompleted wells.

Fill out only Sections I, II, III, and VI for changes of owner well name or number, or transporter, or other such change of condition. Separate Forms C-104 must be filed for each pool in multiple.

OIL CONSERVATION COMMISSION

1000 Rio Brazos Road

AZTEC, NEW MEXICO 87410

NOTICE OF GAS CONNECTION

DATE October 21, 1981

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR THE PURCHASE OF
GAS FROM THE Supron Energy Corporation
OPERATOR

Mangum

LEASE

1-E

WELL UNIT

(F) 27-29N-11W

S - T - R

Basin Dakota

POOL

Southern Union Gathering Company

NAME OF PURCHASER

WAS MADE ON 10-20-81

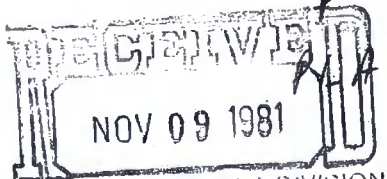
DATE

, FIRST DELIVERY 10-20-81

DATE

1002

INITIAL POTENTIAL



Southern Union Gathering Company
PURCHASER

James R. Large
REPRESENTATIVE

James R. Large

Dispatch Manager

TITLE

/sw

cc: OPERATOR

New Mexico Oil Conservation Commission - Aztec

U. S. Geological Survey

Mr. E. R. Corliss, Engineering

Mr. R. J. McCrary, Prorations

Ms. Nylene Dickson, Gas Measurement

Mr. Jim Bowlby, Gas Accting.

Mr. Mike Lambert, Gas Supply

FORM 29-48, 11-78 Mr. Richard Thomas, Gas Supply

Mr. Perry McFarland, Kutz

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NEW MEXICO OIL CONSERVATION COMMISSION
REQUEST FOR ALLOWABLE
AND
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Form C-104
Supersedes Old C-104 and C-110
Effective 1-1-65

OIL CONSERVATION DIVISION
APR 23 1981

RECEIVED

Operator SUPRON ENERGY CORPORATION	
Address P.O. Box 808, Farmington, New Mexico 87401	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>

If change of ownership give name
and address of previous owner _____

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mangum	Well No. 1-E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Lease No. FEE
Location Unit Letter F ; 1520 Feet From The North Line and 1735 Feet From The West Line of Section 27 Township 29 N Range 11 W , NMPM, San Juan County				

III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/> Plateau, Inc.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 108, Farmington, New Mexico 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> Southern Union Gathering Company	Address (Give address to which approved copy of this form is to be sent) First International Building - Dallas, Texas Attention: Mr. R.J. McCrary	
If well produces oil or liquids, give location of tanks.	Unit F	Sec. 27
	Twp. 29N	Rge. 11W
	Is gas actually connected? No When _____	

If this production is commingled with that from any other lease or pool, give commingling order number: _____

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		XX	XX					
Date Spudded 2-27-81	Date Compl. Ready to Prod. 4-21-81		Total Depth 6240		P.B.T.D. 6224			
Elevations (DF, RKB, RT, GR, etc.) 5434 R.K.B.	Name of Producing Formation Dakota		Top Oil/Gas Pay 6024		Tubing Depth 6104			
Perforations 6024 - 6160					Depth Casing Shoe 6240			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			
12-1/4"	8-5/8", 24.00#		365		275			
7-7/8"	4-1/2", 10.50#		6240		1300 (3 stages)			
	2-3/8" E.U.E., 4.70#		6104					

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

(Test must be after recovery of total volume of load oil and must be equal to or exceed top allowable for this depth or be for full 24 hours)

Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

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DIST. 3

GAS WELL

Actual Prod. Test-MCF/D 1002	Length of Test 3 hours	Bbls. Condensate/MMCF	Gravity of Condensate
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1052	Casing Pressure (Shut-in) 1053	Choke Size 3/4"

VI. CERTIFICATE OF COMPLIANCE

I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Kenneth E. Roddy
(Signature)
Production Superintendent
(Title)
April 21, 1981
(Date)

OIL CONSERVATION COMMISSION
APR 23 1981
APPROVED _____, 19____
BY **Frank T. Long**
SUPERVISOR DISTRICT # 3
TITLE _____

This form is to be filed in compliance with RULE 1104.
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.
All sections of this form must be filled out completely for allowable on new and recompleted wells.
Fill out only Sections I, II, III, and VI for changes of owner, well name or number, or transporter or other such change of condition.
Separate Forms C-104 must be filed for each pool in multiply completed wells.

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NAME	
ADDRESS	
OFFICE	
OPERATOR	

Form C-105
Revised 11-1-88

NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5a. Indicate Type of Lease
State <input type="checkbox"/> Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.
7. Unit Agreement Name
Communitized No. SW43
8. Farm or Lease Name
Mangum
9. Well No.
1-E
10. Field and Pool, or Wildcat
Basin Dakota
12. County
San Juan

TYPE OF WELL
OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> OTHER <input type="checkbox"/>
TYPE OF COMPLETION
NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> OTHER <input type="checkbox"/>
Name of Operator
SUPRON ENERGY CORPORATION
Address of Operator
P.O. Box 808, Farmington, New Mexico 87401
Location of Well

LETTER F LOCATED 1520 FEET FROM THE North LINE AND 1735 FEET FROM West LINE OF SEC. 27 TWP. 29 North. 11 West. NMPM

Date Spudded	15. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead
2-27-81	3-8-81	4-21-81	5434 R.K.B.	5422
Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	23. Intervals Rotary Tools
6240	6224		0 - 6240	--
Producing Interval(s), of this completion - Top, Bottom, Name				25. Was Directional Survey Made

6024 - 6160 Dakota

Type Electric and Other Logs Run	27. Was Well Cored
Induction Electric and Compensated Density	No

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.00	365	12-1/4"	275 sacks	
4-1/2"	10.50	6240	7-7/8"	1300 sacks (5 stages)	

LINER RECORD				30. TUBING RECORD			
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2-3/8"EUE	6104	

Perforation Record (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
1-0.42" hole at each of the following depths: 6024, 26, 28, 38, 42, 44, 48, 50, 52, 72, 73, 76, 94, 96, 6098, 6100, 02, 04, 06, 08, 10, 12, 14, 16, 18, 20, 22, 6124, 26, 28, 30, 34, 36, 54, 56, 58, 60. (Total of 37 holes)	DEPTH INTERVAL
	6024 - 6160
	AMOUNT AND KIND MATERIAL USED
	2000 gal. 7 1/2% HCL, 152,000 lb. 20-40 sand, and 30 lb. cross-linked gel. All fluid contained
	2% KCL and biocide.

PRODUCTION							
First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
		Flowing				Shut-In	
Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
4-21-81	3	3/4"			125		
Well Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
73	261			1002			
Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
Vented						Clifton Gates	

List of Attachments

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED Kenneth E. Roddy TITLE Production Superintendent DATE April 21, 1981

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 4-21-81	
Company SUPRON ENERGY CORPORATION		Connection Southern Union Gathering Company	
Pool Basin		Formation Dakota	
Completion Date 4-10-81		Total Depth 6240	Plug Back TD 6224
			Elevation 5434
Coq. Size 4.500	Wt. 10.50	d 4.052	Set At 6240
		Perforations From 6024 To 6160	
Thq. Size 2.375	Wt. 4.70	d 1.995	Set At 6104
		Perforations From NO PERFORATIONS To	
Type Well - Single - Blindhead - G.C. or C.O. Multiple Single		Packer Set At	
Producing Thru Tubing		Reservoir Temp. °F #	Annual Temp. °F 12
L 6094		H	Gg 0.650
		% N ₂	% H ₂ S
		Provel	Meier Run
		Taps	
FLOW DATA		TUBING DATA	
CASING DATA		Duration of Flow	
NO.	Provel Line Size	X	Orifice Size
SI	2"		3/4"
1.			
2.			
3.			
4.			
5.			
RATE OF FLOW CALCULATIONS			
NO.	Coefficient (24 Hour)	Pressure P _m	Flow Temp. Factor F _t
1	12.3650	85	0.9924
2.			
3.			
4.			
5.			
Gravity Factor F _g		Super Compress. Factor, F _{pv}	Flow of Flow Q, Mcd
0.9608		1.000	1002
NO.	R _t	Temp. °R	T _t
1			
2.			
3.			
4.			
5.			
Gas Liquid Hydrocarbon Ratio		Mcf/bbl.	
A.P.I. Gravity of Liquid Hydrocarbon		Deg.	
Specific Gravity Separator Gas		X X X X X X X X	
Specific Gravity Flowing Fluid		X X X X X	
Critical Pressure		P.S.I.A.	P.S.I.A.
Critical Temperature		R	R
$P_c^2 = 1065 \quad P_w^2 = 1,134,225$ $(1) \frac{P_c^2}{P_w^2 - P_c^2} = 1.0703 \quad (2) \left[\frac{P_c^2}{P_w^2 - P_c^2} \right]^n = 1.0522$			
NO.	P _w	P _c	P _c - P _w
1	273	74,529	1,059,696
2.			
3.			
4.			
5.			
Absolute Open Flow		Mcf @ 15.025	Angle of Slope
1054			Slope, n 0.75
Remarks			
Approved by Division		Conducted by	Calculated by
			Checked by

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	
7. Unit Agreement Name	
Communitized No. SW43 ⁹	
8. Farm or Lease Name	
Mangum	
9. Well No.	
1-E	
10. Field and Pool, or Wildcat	
Basin Dakota	
12. County	
San Juan	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator		
SUPRON ENERGY CORPORATION		
Address of Operator		
P.O. Box 808, Farmington, New Mexico 87401		
Location of Well		
UNIT LETTER	F	1520 FEET FROM THE North LINE AND 1735 FEET FROM
THE West	LINE, SECTION 27	TOWNSHIP 29 North RANGE 11 West N.M.P.M.

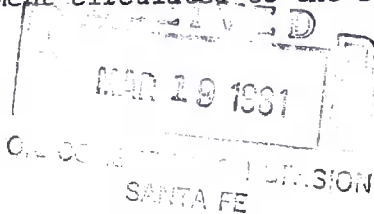
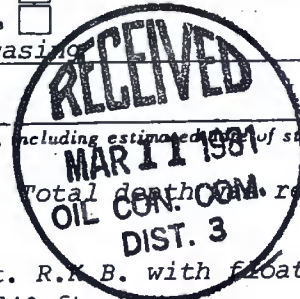
15. Elevation (Show whether DF, RT, GR, etc.)
5434 R.K.B.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data
NOTICE OF INTENTION TO: SUBSEQUENT REPORT OF:

FORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
REPAIR OR ALTER CASING <input type="checkbox"/>	OTHER <input type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	OTHER <input type="checkbox"/>
OTHER <input type="checkbox"/>			

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

1. Drilled 7-7/8" hole w/ mud to total depth of 6240 ft. R.K.B. on 3-8-81.
2. Ran 153 joints of 4 1/2", 10.50#, K-55 casing and set at 6240 ft. R.K.B. with float collar at 6224 ft. R.K.B. Stage collars were set at 4180 ft. and 2748 ft. R.K.B.
3. Cemented first stage with 350 sacks of 50-50 POZ mix with 2% gel and 10% salt. Plug down at 9:45 p.m. 3-9-81. Cemented second stage with 250 sacks of 50-50 POZ mix with 4% gel and 6 1/2 lb. of Gilsonite per sack and 50 sacks of class "B" with 2% calcium chloride. Plug down at 1:15 a.m. 3-10-81. Cemented third stage with 450 sacks of 65-35-12 with 12 1/2 lb. of Gilsonite per sack and 200 sacks of 50-50 POZ mix with 2% gel and 6 1/2 lb. of Gilsonite per sack. Plug down at 2:30 a.m. 3-10-81.
4. Cement circulated to the surface on the third stage.



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Kenneth E. Roddy TITLE Production Superintendent DATE March 10, 1981

APPROVED BY 3rd J. Chang SUPERVISOR DISTRICT 3 DATE MAR 11 1981

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-85

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR.
USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL ☐ GAS WELL ☒ OTHER ☐

Name of Operator
SUPRON ENERGY CORPORATION

Address of Operator
P.O. Box 808, Farmington, New Mexico 87401

Location of Well
UNIT LETTER **F** **1520** FEET FROM THE **North** LINE AND **1735** FEET FROM
THE **West** LINE, SECTION **27** TOWNSHIP **29 North** RANGE **11 West** NMPM.

5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.

7. Unit Agreement Name
Communitized No. SW 43'

8. Farm or Lease Name
Mangum

9. Well No.
1-E

10. Field and Pool, or Wildcat
Basin Dakota

12. County
San Juan

15. Elevation (Show whether DF, RT, GR, etc.)

5434 R.K.B.

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐

TEMPORARILY ABANDON ☐

WELL OR ALTER CASING ☐

OTHER ☐

PLUG AND ABANDON ☐

CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐

COMMENCE DRILLING OPNS. ☐

CASING TEST AND CEMENT JOBS ☒

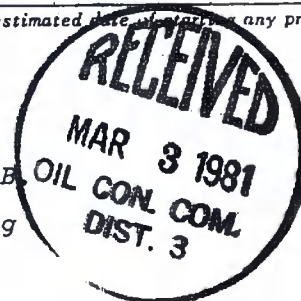
OTHER ☐

ALTERING CASING ☐

PLUG AND ABANDONMENT ☐

Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of completion of any proposed work) SEE RULE 1703.

- Spudded 12 1/4" surface hole at 12:45 a.m. 2-27-81.
- Drilled 12 1/4" surface hole to total depth of 367 ft. R.K.B.
- Ran 8 joints of 8-5/8", 24.00#, H-40 casing and set at 365 ft. R.K.B.
- Cemented with 275 sacks of class "B" with 3% Calcium Chloride. Plug down at 10:30 p.m. 2-27-81. Cement circulated to surface.
- Waited on cement for 12 hours.
- Pressure-tested casing to 800 P.S.I. for 15 minutes. Held OK.



I, I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Kenneth E. Roddy

TITLE Production Superintendent

DATE March 2, 1981

PROVED BY Frank J. [Signature]

TITLE SUPERVISOR DISTRICT # 3

DATE MAR 3 1981

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NEW MEXICO OIL CONSERVATION COMMISSION

Form C-103
Supersedes Old
C-102 and C-103
Effective 1-1-65

5a. Indicate Type of Lease	
State <input type="checkbox"/>	Fee <input checked="" type="checkbox"/>
5. State Oil & Gas Lease No.	

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)

OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>	7. Unit Agreement Name
Name of Operator			Communitized No. SW43
SUPRON ENERGY CORPORATION			8. Farm or Lease Name
Address of Operator			Mangum
P.O. Box 808, Farmington, New Mexico 87401			9. Well No.
Location of Well			1-E
UNIT LETTER <u>F</u> <u>1520</u> FEET FROM THE <u>North</u> LINE AND <u>1735</u> FEET FROM			10. Field and Pool, or Wildcat
THE <u>West</u> LINE, SECTION <u>27</u> TOWNSHIP <u>29 North</u> RANGE <u>11 West</u> NMPM.			Basin Dakota
15. Elevation (Show whether DF, RT, GR, etc.)			12. County
5422 Gr.			San Juan

Check Appropriate Box To Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
NULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Extend Spud Date</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOBS <input type="checkbox"/>	

1. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work) SEE RULE 1103.

We desire an extension of the spud date deadline from 2-14-81 until 3-14-81 due to rig availability.

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FEB 19 1981
OIL CONSERVATION DIVISION
APPROVAL VALID
FOR 90 DAYS UNLESS
DRILLING COMMENCED,
EXPIRES 8-14-81

RECEIVED
FEB 9 1981
OIL CON. COM.
DIST. 3

I, I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNED Rudy D. Motto TITLE Area Superintendent DATE February 9, 1981

APPROVED BY Frank J. Chang TITLE SUPERVISOR DISTRICT 3 DATE FEB 9 1981

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5A. Indicate Type of Lease
STATE <input type="checkbox"/> FEE <input checked="" type="checkbox"/>

5. State Oil & Gas Lease No.

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work	7. Unit Agreement Name	
b. Type of Well DRILL <input type="checkbox"/> DEEPEN <input type="checkbox"/> PLUG BACK <input type="checkbox"/>	Communitized No. SW43	
OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>	8. Farm or Lease Name	
2. Name of Operator	Mangum	
3. Address of Operator	9. Well No.	
P.O. Box 808, Farmington, New Mexico 87401	1-E	
4. Location of Well	10. Field and Pool, or Wildcat	
UNIT LETTER F LOCATED 1520 FEET FROM THE North LINE	Basin Dakota	
AND 1735 FEET FROM THE West LINE OF SEC. 27 TWP. 29-N RGE. 11-W NMPM	12. County	
	San Juan	
19. Proposed Depth	19A. Formation	20. Rotary or C.T.
6250 Ft.	Dakota	Rotary
21. Elevations (Show whether DF, RT, etc.)	21A. Kind & Status Plug. Bond	22. Approx. Date Work will start
5422 GR	Current \$30,000. Blanket	January 15, 1981
21B. Drilling Contractor		
Brinkerhoff		

23.

PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
12-1/4"	8-5/8"	24.00	250 Ft.	150 sx.	circulated
7-7/8"	4-1/2"	10.50	6250 Ft.	1250 sx.	circulated

It is our intention to drill this well to T.D. of approximately 6250 (+) using mud as the circulating medium. New 8-5/8" surface casing will be run then cemented with the cement being circulated to surface. Drill out from under surface with a 7-7/8" bit to T.D. Run new 4-1/2" pipe and cement as follows: 1st stage 350 sx of 50-50 poz w/2% gel. Set D.V. tool at approximately (+) 4300 ft. and cement with 250 sx of 50-50 poz w/2% gel and 6# Gilsonite/sx. Set D.V. tool at approximately 2750 ft. and cement with 450 sx of 65-35-6 w/12-1/2# Gilsonite/sx and 200 sx of 50-50 poz w/2% gel and 6# Gilsonite. Pressure test the casing. Perforate the Dakota zone. Fracture zone to stimulate production. Clean well up and run tubing. Nipple down well head. Test well and connect to a Gathering system.

APPROVAL VALID

FOR 90 DAYS UNLESS
DRILLING COMMENCED,

The B.O.P. schematic is attached.

This gas has previously been dedicated to a purchaser.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM; IF PROPOSAL IS TO DEEPEN OR PLUG BACK, GIVE DATA ON PRESENT PRODUCTIVE ZONE AND PROPOSED NEW PRODUCTIVE ZONE. GIVE BLOWOUT PREVENTER PROGRAM, IF ANY.

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

Signed Ludy D. Metts Title Area Superintendent Date November 13, 1980

(This space for State Use)

DEPUTY OIL & GAS INSPECTOR, DIST. #3

NOV 17 1980

APPROVED BY Charles Gholson

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form C-104
Supersedes C-128
Effective 1-1-65

All distances must be from the outer boundaries of the Section.

Operator SUPRON ENERGY CORPORATION			Lease MANGUM		Well No. 1-E
Unit Letter F	Section 27	Township 29 NORTH	Range 11 WEST	County SAN JUAN	

Actual Footage Location of Well:

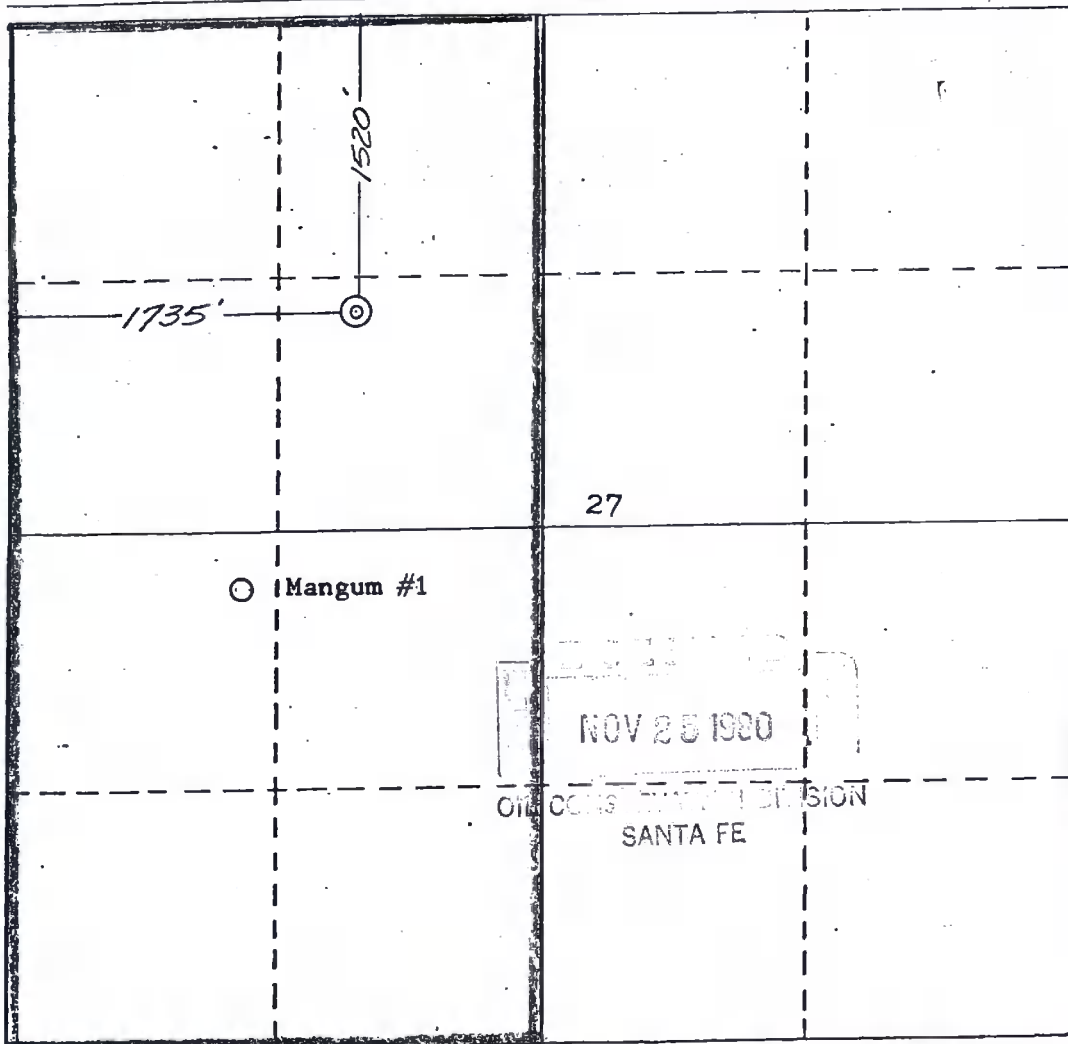
1520 feet from the NORTH line and		1735 feet from the WEST line	
Ground Level Elev. 5422	Producing Formation Dakota	Pool Basin	Dedicated Acreage: W$\frac{1}{4}$ 320.00 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☒ Yes ☐ No If answer is "yes," type of consolidation Communitized SW 43

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



CERTIFICATION

RECEIVED
NOV 17 1980
OIL CON. COM.
DIST. 3

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Name _____
Rudy D. Motto

Position _____
Area Superintendent

Company _____
SUPRON ENERGY CORPORATION

Date _____
October 30, 1980

REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR
STATE OF NEW MEXICO
NO. 1463

I hereby certify that the well location shown on this plat was plotted from field notes, actual survey, made by me or under my supervision, and that the same is true and correct to the best of my knowledge.

James P. Leese

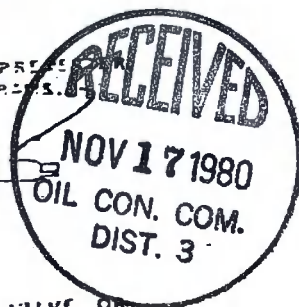
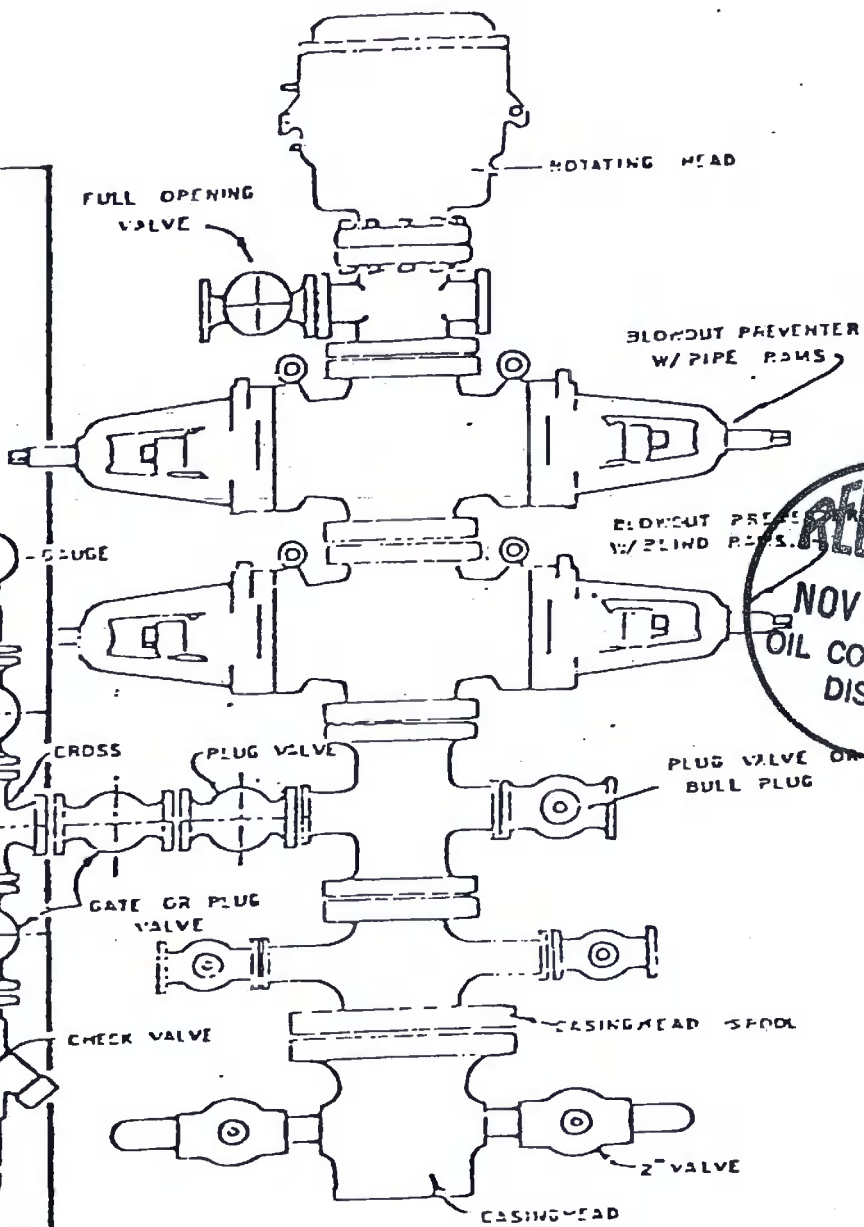
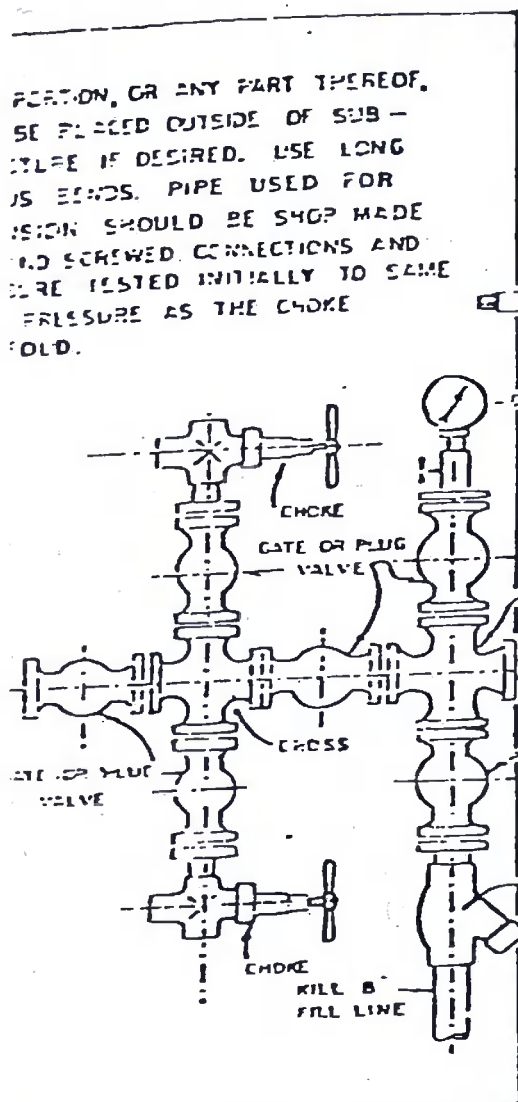
Date Surveyed _____
October 23, 1980

Registered Professional Engineer and/or Land Surveyor _____

Certificate No. _____
1463

Blowout Preventer will be tested daily and prior to drilling out with the results to be logged on the drillers report.

The B.O.P. and all valve and fittings are rated at 3000 psi working pressure, and hydraulically operated




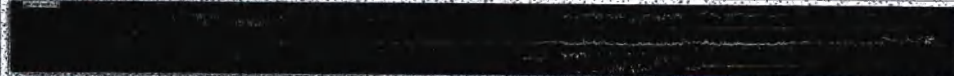
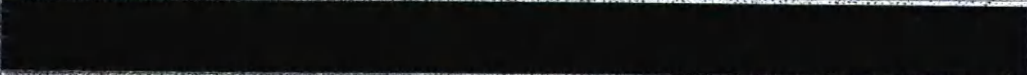
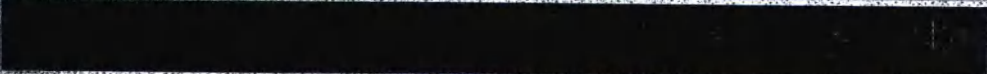
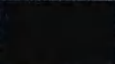

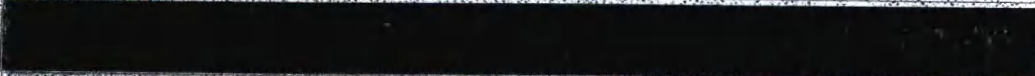

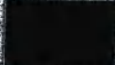

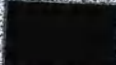


BLOWOUT PREVENTER HOCKUP

Petroleum Information
Corporation
GEO-RICHER

29N-11W-27-06 (SE NW)
NEW MEXICO NM

WELL: MANGUM 1E
OPER: SUPRON ENERGY
CNTY: SAN JUAN

LAPI: 30-045-24573
ISSUE: A07/B6
CARD: 1

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/20/02 12:15:44
OGOMES -TP0X
PAGE NO: 1

Sec : 27 Twp : 29N Rng : 11W Section Type : NORMAL

D 40.00 Fee owned	C 40.00 Fee owned	B 40.00 Fee owned	A 40.00 Federal owned
E 40.00 Fee owned	F 40.00 Fee owned A A A	G 40.00 Fee owned	H 40.00 Fee owned A

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG5SECT

ONGARD
INQUIRE LAND BY SECTION

11/20/02 12:15:48
OGOMES -TP0X
PAGE NO: 2

Sec : 27 Twp : 29N Rng : 11W Section Type : NORMAL

L 40.00	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned	Federal owned	Fee owned
A	A		A A A A
M 40.00	N 40.00	O 40.00	P 40.00
Federal owned	Federal owned	Federal owned	Federal owned
A A			

PF01 HELP
PF07 BKWD

PF02
PF08 FWD

PF03 EXIT
PF09 PRINT

PF04 GoTo
PF10 SDIV

PF05
PF11

PF06
PF12

CMD :
OG6IWCM

ONGARD
INQUIRE WELL COMPLETIONS

11/20/02 12:16:10
OGOMES -TP0X

API Well No : 30 45 24673 Eff Date : 10-01-1981 WC Status : A
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
OGRID Idn : 14538 BURLINGTON RESOURCES OIL & GAS CO
Prop Idn : 7282 MANGUM

Well No : 001E
GL Elevation: 5422

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	---	---	---	---	---
B.H. Locn	: F	27	29N	11W	FTG 1520 F N	FTG 1735 F W	P

Lot Identifier:
Dedicated Acre: 320.00
Lease Type : P
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

M0025: Enter PF keys to scroll

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07	PF08	PF09	PF10 NEXT-WC	PF11 HISTORY	PF12 NXTREC

CMD : ONGARD 11/20/02 12:16:19
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TP0X
 Page No : 1

API Well No : 30 45 24673 Eff Date : 04-30-1991
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)
 Prop Idn : 7282 MANGUM Well No : 001E
 Spacing Unit : 31819 OCD Order : Simultaneous Dedication:
 Sect/Twp/Rng : 27 29N 11W Acreage : 320.00 Revised C102? (Y/N) :
 Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	C	27	29N	11W	40.00	N	FE			
	D	27	29N	11W	40.00	N	FE			
	E	27	29N	11W	40.00	N	FE			
	F	27	29N	11W	40.00	N	FE			
	K	27	29N	11W	40.00	N	FD			
	L	27	29N	11W	40.00	N	FD			
	M	27	29N	11W	40.00	N	FD			
	N	27	29N	11W	40.00	N	FD			

E0005: Enter data to modify or PF keys to scroll

PF01 HELP PF02 PF03 EXIT PF04 GoTo PF05 PF06 CONFIRM
 PF07 BKWD PF08 FWD PF09 PF10 LAND PF11 NXTSEC PF12 RECONF