State of New Mexico

TF-02-007

Energy and Minerals Department Oil Conservation Division

FOR DIVISION

USE ONLY:

2040 Pacheco Street 1220 South St. Francis Dr.

FILING FEE(S) -

Santa Fe, New Mexico 87505

APPLICATION FOR CATEGORY DETERMINATION

APPROPRIATE FILING FEE ENCLOSED? YES NO DATE COMPLETE APPLICATION FILED MALLES 2002 DATE DETERMINATION MADE NO NO NAME(S) OF INTERVENOR(S), IF ANY:	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	7. API No: 30-045-24673
Houston, TX 77210-4236	8. Indicate Type of Lease: State FeeX
3. Location of Well: Unit Letter <u>F</u> located <u>1,520</u> feet from the <u>N</u> line	9. State Oil & Gas Lease No.:
and <u>1,735</u> feet from the W line of Sec. <u>27</u> Twp. <u>29N</u> Rng. 11 <u>W</u>	10. Unit Agreement Name: SW43
Farm or Lease Name: Magnum	
5. Well No: 1E	11. Field and Pool or Wildcat: Basin Dakota
Check the appropriate box for category sought and information sub-Required information on lines 1 and 2, below. 1. Category sought NGPA Section No. 107 A1 occluded A3X natural gas 2. Filing Fee(s) amount enclosed: 3. All application must contain:	natural gas from coal seam s from a designated tight formation
THE BEST OF MY KNOWLEDGE AND BELIEF.	am OK. Mille
	RE OF APPLICANT
TITLE: Manager, Royalty Compliance/Litigation DATE: M	larch 4, 2002
FOR DIVISION USE ONLY	
APPROVED:	DISAPPROVED:
The information contained herein includes all of the information red Subpart B of Part 274 of the FERC regulations.	quired to be filed by the applicant under
EXAMINER: Mufuel Way	

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

K.Mill_

enclosures

xc: NGPA File

FEDERAL ENERGY REGULATORY COMMISSION Washington D.C.

Form Approved OMB No. 1902-0038 Expires: 9/30/2003

APPLICATION FOR DETERMINATION

		IE NGPA WELL CATEGORY DETERMINATION IS BEING SOUGHT FOR A L 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.	FC	OR 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.		PPLICANT'S MAILING ADDRESS AND THE IDENTITY OF THE PERSON WHO 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
		Signature

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,

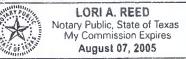
Manager, Royalty Compliance/Litigation

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

Notary Public

My Commission Expires:

NMOCD TF Affidavit



* * * * * * * * * * * * * * * * * * *		vell				. —		a.
NO. OF COPIES RECEIV	CO .	July .					Form C	
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LAND OFFICE							mm	mnmmm
OPERATOR,								
							7, Unit Agri	eement Name
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b. TYPE OF COMPLE	WELL	WELL	. X DRYL	OTHER				Lease Name
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	RGY CORPORAT	'ION				•	1-E	
3. Address of Operator							10. Field at	id Pool, or Wildcat
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Vented	,,,			•		CI	ifton Ga	ates
35. List of Attachments								
36. I hereby certify that	the information sp	pen juglooth side	s of this form is t	rue and comple	te to the best of	my knowled	ge and belief.	
	eth E. Kor							
SIGNED Kennet			TITLE P	roduction	Superinte	<u>endent</u>	DATE AL	ril 21, 1981
PICHED WEITHER	THE ALLEGE							

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

Poim C-107 Superardes C Effective 1-1-

All distances must be from the outer houndaries of the Section. Well No. SUPRON ENERGY CORPORATION MANGUM Unit Letter Range Section 29 NORTH 11 WEST SAN JUAN Actual Fastage Location of Well: 1735 WEST feet from the NORTH feet from the 1520 line and Dedicated Acreage: Producing Formation 5422 320.00 Basin Dakota 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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? Communitized SW 43 If answer is "yes," type of consolidation X Yes No If answer is "no," list the owners and tract descriptions which have actually been consolidated. Use reverse side o this form if necessary.). No allowable will be assigned to the well until all interests have been consolidated (gonnauntization forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by sion. tained herein is true and complete to the 1135 Position Area Superintendent Company SUPRON ENERGY CORPORATION 27 O | Mangum #1 Date Surveyed October 23, 1980 Registered Professional Engineer James P. Leese Certificate No. 1463

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2000

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1320

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1980

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

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

PAYMENT SUMMARY

VENDOR NUMBER CHECK NUMBER

VOUCHER ID

00852477

67739200 0000685790 PHONE NUMBER **CHECK DATE**

817-347-2950 02/22/02

INVOICE NUMBER RFC

INVOICE DATE 02/12/2002 **PAYMENT COMMENTS**

PAID AMOUNT

25.00 25.00

TOTAL

OCUMENT CONTAINS ANTI-COPY VOID PANTOGRAPH, MICRO PRINT BORDER, VERIFICATION BOX (TO RIGHT OF ARROW. HOLD BETWEEN THUMB AND OREFINGER. 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 75102-5842

62-20/311

VENDOR NO 67739200

CHECK DATE 02/22/2002 CHECK NUMBER 0000685790

VALID FOR 60 DAYS

PAY...TWENTY FIVE DOLLARS OF CENTS

TO ORDER NEW MEXICO STATE OIL CONSERVATION DIVISION

2040 SOUTH PACHECO STREET SANTA FE, NM 87505

CITIBANK, DELAWARE NEW CASTLE, DE 19720

Stogner, Michael

From: Sent: Gilcrease Jim [JGilcrease@br-inc.com] 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		Sec. 16, T-29N, R-11W	San Juan	Dakota	10/1/2001
Culpepper Martin #1A		Sec. 31, T-32N, R-12W	San Juan	Dakota	9/26/2001
Pierce A #4		Sec. 13, T-30N, R-10W	San Juan	Mesa Verde	9/24/2001





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.

Albuquerque, New Mexico 87107

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 Nor	cth,	Rang	e 12	West,	NMPM
Sections 1	thro	ugh	7:	All	
Section 8:	N/2				
Section 9:					
Sections 10) thr	ough	15:	All	
Township 28 Nor	tn,	Rang	e 12	West,	NMPM
Sections 7	thro	ugh	36:	All	
Township 29 Nor	th,	Rang	e 12	West.	NMPM
Sections 1	thro	ugh	36:	A11	
Township 30 Nor	th,	Rang	e 12	West,	NMPM
Sections 1	thro	ugh	36:	All	
Township 31 Nor	th,	Rang	e 12	West,	NMPM
Sections 1	thro	ugh	36:	All	
Tounghin 32 Nor	th	D ====	- 10	*1	NIME
Township 32 Nor	thr	Rang	27.	west,	MHHM
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Township 27 Nor Sections 1	and	2 -	A 1 1	WC3C1	14111.11
Section 3:	E/:	2			
Section 3: Section 10:	E/:	2			
Sections 11	thre	ough	13:	All	
Township 28 Nor	th, 1	Range	e 13	West,	NMPM
Sections 10	thro	ouah.	15:	A11	
Sections 22	thro	ough	27:	A11	
Section 34:	E/2	3			
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Mousehis 00 No.					
Township 29 Nor	cn, I	kange	13		NMPM
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Section 20: Sections 21	thro	wah	20.		
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Township 30 North	th, R	ande	13	West	NMPM
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Township 31 Nort	th, R	ange	13	West.	NMPM
Section 13:	A11				
Sections 22	thro	ugh	27:	A11	
Sections 33	thro	ugh	36:	A11	
Township 30 Nort	h, R	ange	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 $\underline{in\text{-situ}}$ 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.

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
- 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 OPPR. 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 et: 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, Ir.,

Acting Secretary.

[PR 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 persen 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,
- 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, 18 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 Strzelecki, (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-inchdiameter 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.

1. Under § 4.32(b)(7) of the Commission's regulations (18 CFR), if any resource egency, 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 Piled 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 fo section 107(b) of the Act of 1978. The are described on the att

The notice of dete contains BLM and tl Department of Energ Natural Resources' f referenced portion of Formation meets the Commission's regula CFR part 271.

The application fo available for inspect material which is co CFR 275.206, at the 1 Regulatory Commiss Capitol Street, NE., V 20426. Persons object determination may fi accordance with 18 (275.204, within 20 di this notice is issued ! Linwood A. Watson, Jr. Acting Secretary.

Appendix Township 26 North, Rai Township 27 North, Rau Township 29 North, Rai Township 30 North, Rai Township 29 North, Rar Township 30 North, Rai Township 31 North, Raz Township 30 North, Raz Sections 1-36: All Township 28 North, Ran Township 28 North, Ran Sections 7-36: All Township 31 North, Ran Sections 2-11: All Sections 14-21: All Sections 28-33; All Township 32 North, Ran Sections 28-33: All Township 27 North, Ran Sections 1-7: All Sections 8-9: N/2 Sections 10-15: All Township 32 North, Ran-Sections 25-27: All

Sections 32-36: All Township 27 North, Rang Sections 1-2: All Sections 3 and 10: E/2

Sections 11-13: All Township 28 North, Rang Sections 10-15: All Sections 22-27: All Section 34: E/2

Sections 35 and 36: All Township 29 North, Rans Sections 1-3: All Sections 10-15: All Section 20: E/2 Sections 21-28: All

Sections 29 and 32: R/2 Sections 33-36: All Township 31 North, Rang Section 13: All

Sections 22-27: All Sections 33-36: All Township 30 North, Rang

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, D. C. 20426

OIL CONSER. AR DIVISION RETURNED

In Reply Refer To The A AM 9 27

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

MAR 1 1000

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 30 North, Range 12 West
Township 31 North, Range 12 West
Township 30 North, Range 12 West
Township 30 North, Range 12 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 1	North.	Range	13	West
Sections	1-3:	1	A11	
Sections	10-15:	1	All	
Section :			E/2	
Sections	21-28:	1	A11	
Sections	29 and	32: 1	E/2	
Sections	33-36:	1	A11	

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 1 PO Box 1980, Hobbs, NM 88241-1980

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

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

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

OIL CONSERVATION DIVISION PO Box 2088

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

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

Santa Fe, NM 87504-2088

☐ AMMENDED REPORT

I.	REC	UEST FOR A				UTHORIZ	ATION T			
4				me and Add	dress				OGRID Number	
	ington F ox 4289	Resources O	il 8	Gas				3 Re	14538 ason for Filing Co	nde
		NM 87499								
	⁴ API Nu				5 Pag	l Name			• Pool Code	ь
	30-045-			BASI	IN DAKOTA	(PRORATED	GAS)		71599	
	⁷ Property 0072	Code 82				rty Name NGUM			Well Number #1E	
II. 10 Surfa	ce Locati									
UI or lot no.	Section 27	Township 029N	Rar	011W	Lot.Idn	Feet from the 1520	North/South L N	Feet from the 1735	East/West Line W	County SAN JUAN
11 Bottom	Hole Loc	Township	Rar		Lot.Idn	Feet from the	North/South L	ne Feet from the	East/West Line	County
UI or lot no.	Section	Township	Kai	ige	Locium					
12 Lse Code		11 Producing Method Co	ode	14 Gas Co	onnection Date	13 C-129 Permi	t Number	16 C-129 Effective I	Date 17 C-129	9 Expiration Date
III. Oil an			_						T ** POD 1	OTTO T
	nsporter RID	19 Transp and A	orter N Addres		20]	POD		21.O/G	and I	LSTR Location Description
	244	WILLIAMS FIELD P.O. BOX 58900	SERVIC	ES CO				G,	F-27-T0	29N-R011W
		SALT LAKE CITY,	UT 84	158-0900	Harrison					
90	018	Giant Industrie 5764 US Hwy 64			152	1310		0	F-27-T0	29N-R011W
		Farmington, NM	87401							
					www.woosansibulaticonsus	siniaaha sacasasasasasasasasasas				
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IV. Produ	ced Wate	23 POD					24 POT	ULSTR Location a	nd Description	
							102	ODS IN LOCATION S		
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25 Spi	ud Date	- Rea	idy Da	ite		10		rbib	,	Aloradous
	30 Hole Size		31 C	Casing & Tu	ubing Size		32 Depth Set		33 Sacks (Cement .
					,					
VI. Well	Test Data	1								
³⁴ Date New O	Pil .	35 Gas Delivery Date	е	36 Test I	Date	37 Test Length		38 Tbg. Pressure	39 Csg.	Pressure
40 Choke Size		41 Oil		42 Water	r	41 Gas		4 AOF	45 Test	Method
46 I hereby cer	tify that the rul	les of the Oil Conserv n given above is true	vation	Division ha	ave been complied he best of my		OIL CO	NSERVATIO	ON DIVISION	ON
knowledge an	d belief.				,					
Signature:	Moro E	togs				Approved by:	Frank	T. Chavez		_
Printed Name						Title:	Distri	ct Supervisor		
Title:					10	Approved Da	te: July 1	1, 1996		
Productio Date:	n Associat	ce		Phone						
7/11/96	hange of ones	tor fill in the OGRID	numl		326-9700	operator				
14538 Meridia	n Oil Production revious Opera					Printed Name		Title	D	ate
	Tevious Opera					Dolores Diaz		Production Associate		11/96

Appropriate District Office DISTRICT J P.O. Box 1980, Hobbs, NM 88240

State of New Mexico Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION P.O. Box 2088

OIL CONSERVE CON DIVIST

RECEIVED

DISTRICT H P.O. Drawer DD, Astesia, NM 88210

Santa Fe, New Mexico 87504-2088 DISTRICT IN

L. Opensor	REC	OUEST F	OR A	LLOW/	IL AND NA	AUTHOR ATURAL C	IZATION BAS		90 JUL 3	B MA O
MERIDIAN OIL INC.								API No.		
P. 0. Box 4289, F	armington	Now M	byic	0 07	400					
Resou(s) for Filing (Check proper	box)	, new M	exic	0 8/	499	het (Please esp	dain)			
Now Wall Recompletion	-	Change is								
Change is Operator	Oil Order	end Gas	Dry G				001	<u> </u>	a 12	2 100
Makes of the state of			Conde				27.	4.6CT	619	3170
II DESCRIPTION OF SEL	Union Texa	23 1661	oreu	ii corp	oration,	P. O.	Box 212	0, Houst	on, TX 7	<u>7252-212</u>
IL DESCRIPTION OF W	ELL AND L		David N	hama da at	ting Formation					
MANGUM		1E		ASIN D				of Lesse , Federal of Pe		FEE
Location	یس	00								
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Section 27 To	westin 29	N	Range	1	.1W , N	MPM, SAN	JUAN ,			County
III. DESIGNATION OF T	RANSPORT	ER OF O	L AN	D NATI	DAL CAS					
Name of Authorized Transporter of Meridian Oil Inc.		or Conden	mio		Address (Gir	n eddress to w	hick approve	d copy of this f	form is to be see	H)
Name of Authorized Transporter of			D		P. O. I	Box 4289	, Farmii	ngton, N	M 87499	
Sunterra Gas Gath	ering co.	~ L	or Dity	Gr 🔯	P.O. Bo	x 26400	Alburo	d copy of this f	orm is to be so NM 87125	u)
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Top	Rgo	ls gas actual	y connected?	When		NM 8/125	
If this production is commingled with	h that from you or	har bass					i			
V. COMPLETION DATA	i and stone any or	ter torse of 1	soal, giv	# comming	ting order mun	ber:				
Designate Type of Comple	etion - CO	Oll Well	1	les Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Resiv
Date Spudded		pl. Ready to	Pond		Total Denth	<u> </u>	1	1		
		,_ ,,			Total Depth			P.B.T.D.		
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restorations								Depth Casin	. 6	
								Depth Cana	g 2000	
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THOLE SIZE	CA	SING & TU	BING S	ZE		DEPTH SET		5	ACKS CEME	NT
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New Law Law Off Kuff 10 1995	Date of Te	4			Producing Me	thod (Flow, pu	mp, gas lift, i	HE-J		
ength of Test	Tubing Pro	etire.			Casing Pressu	æ		Choke Size	The state of the s	
Actual Prod. During Test	20 20						TA E	REI	ABILLI	
Tive Dumb 1600	Oil - Bhia				Water - Bbls.		IX -	GF MCL	<u>u</u>	
GAS WELL					L		'AA	UL 3 19	90	
Actual Prod. Test - MCF/D	Leagth of	Test			Bbls. Conden	mie/MMCF		70		
esting Method (pitot, back pr.)	This is the	soure (Shue-i					OIL	CON		
	and Me	-rus (appl-t	=)		Casing Pressu	re (Shut-in)		CO Comment		
L OPERATOR CERTI	FICATE OF	COMPI	JAN	CE						
I perips certify that the rides and	revulations of the	Ol Consess	eles.	~_		DIL CON			DIVISION	k
is true and complete to the best of	my prontoge se	manon gives ad belief.	above					JUL 03	1990	• • • • • • • • • • • • • • • • • • • •
Konti.	1	6	•		Date	Approved			1	
Signature	1)W	was	y		Pu Pu		Bin	w) d	Sman	
Leslie Kahwaj	y Prod.	Serv.	Supe	rvisor	Ву				STRICT	3
Printed Name 6/15/90		(505)32	Title 6- 07	nn	Title_	<u></u> :			1	
Date			0-9/	<u> </u>					1	

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 Cores
Appropriate District Office
DISTRICT I
P.O. Box 1980, Hobbs, NM

State of New Mexico Energy, Minerals and Natural Resources Department

Form C-104

DISTRICT II P.O. Drawer DD, Anenia, NM 88210	0.	ī	RVATION DE P.O. Box 2088		ni tomista
DISTRICT III		Santa Fe, N	ew Mexico 875044	2088 ONSERVATION DIVIS	SION
1000 Rio Brazos Rd., Azzec, NM 87410				RECEIVED	
I.	HEQUE	ST FOR ALL	DWABLE AND AU	THORIZATION	
Operator		TRANSPOR	T OIL AND NATU	HALREAS12 ALT 11	
Union Texas Petr	coloum Com			Well API No.	
Address	Olemi Coli	poration			
P.O. Box 2120	Houston,	Texas 7725	2-2120		
Reason(s) for Filing (Check proper box)			Other (F	lease explain)	
New Weil	Q ₁	ange in Transporter	of:		
Recompletion	Oil	Dry Gas			
Change in Operator	Casinghead G	as Condensate			
If change of operator give name and address of previous operator					
II. DESCRIPTION OF WELL			ASIN		
Leane Name	W	I No. Pool Name.	Including Formation	Kind of Lease	Leage No.
Mangum		1E 0	akota	State, Federal or i	Fee Fee
Unit Letter	: 152	O Feet From 1	The Line and	1735 Feet From The	7
Section 27 Townsh	in 29N	Range	IW , NMPM	<	County
Ш. DESIGNATION OF TRAI	VSPORTER (OF OIL AND N	ATTIRAL GAS		
Lorine or Virtuonzee Tiensboures of Off	OF OF	OF OIL AND N	Address (Give add	trass to which appropried come of the	
III. DESIGNATION OF TRAINS A Markonized Transporter of Oil Meridian Oil Inc	· X or	OF OIL AND N	Address (Give add	tess to which approved copy of this	form is to be seed) TM 87499
Lorine or Virtuoesses Tiensboures of Off	nghead Gas	OF OIL AND N	P.O. Box Address (Give add	4289, Farmington, Notes to which approved copy of this 26400, Alburquerque	M 87499

Designate Type of Completion	- (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Date Spadded	Date Compl	. Ready to Pr	od.	Total Depth			P.B.T.D.		1
Elevations (DF, RKB, RT, GR. etc.)	Name of Pro	odocing Form	ntion	Top Oil/Gas I	ay	·	Tubing Dep	th	
Performices							Depth Casin	g Shoe	
	π	UBING, CA	ASING AND	CEMENTIN	IG RECOR	D			
HOLE SIZE		ING & TUBI			DEPTH SET			SACKS CEM	ENT
							1		
TEST DATA AND PROLIES	T FOD A	LOWADI	-	!					

OIL WELL (Test must be after recovery of total volume of load oil o t be aqual 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 - Bhis. Water - Bbis. Gas- MCF

GAS WELL Actual Prod. Test - MCF/D Length of Test Bbls. Condensate/MMCF Gravity of Condensate Toming Method (pitet. back pr.) Tubing Pressure (Shus-in) Casing Pressure (Shut-in)

VL 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 en to the best of my knowledge and belief.

Annette C. Reg. Secretry Printed Name 8-7-89

Title (713) 968-4012 Date Telephone No.

OIL CONSERVATION DIVISION

AUG 2 8 1989 Date Approved . By_ SUPERVISION 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

STATE OF NEW MEXICO. ENERGY MO MINERALS DEPARTMENT

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DISTRIBUTIO	200		_
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PILE			_
V.8.0.8.		<u> </u>	_
LAND OFFICE		_	_
TRANSPORTER	OIL	_	_
VM8100-001-011	GAS	_	L
OPERATOR		1	
	I NO III	1	l

OIL CONSERVATION DIVISION

P. O. BOX 2088 SANTA FE. NEW MEXICO 8750

AND

Form C-104 Revised 10-01-78 Format 06-01-63

REQUEST FOR ALLOWABLE

AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS Union Texas Petroleum Corporation 375 US Highway 64, Farmington, NM 87401 Other (Please explain) Reason(s) for filing (Check proper box) Change in Transporter of: New Well Dry Gae Oil Respondiction Condensate Casinghead Gas Change in Ownership If change of ownership give name and address of previous owner II. DESCRIPTION OF WELL AND LEASE Kind of Lease Well No. | Pool Name, Including Formation State, Federal or Fee Fee Basin Dakota 1F Mangum Location 1735 Foot From The WAST Feet From The North __ Line and ____ 1520 Cour NMPM, Range 11W 29N Township Line of Section III. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS Address (Give address to which approved copy of this form is to be sent) or Condensate Name of Authorized Transporter of Oll P. O. Rox 1429 Rloomfield NM 87/13
Address (Give address to which approved copy of this form is to be sent) Conoco, Inc. Surface Trans. or Dry Gos V 0. Box 1809 Rloomfield Sunterra Gas Gathering Company is que actually connected! Age. If well produces oil or liquide, give location of tents. Nec 27 If this production is commingled with that from any other lease or pool, give commingling order numbers

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 E Trank	
	Robert & Trank	
	(Signoture)	
0 1	Caradinaton	

Permit Coordinator

June 17, 1987

(Date)

(Tule)

OIL CONSERVATION DIVISIO SUPERVISOR DISTRICT 98 3 TITLE.

This form is to be filed in compliance with RULE 1184.

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

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

Fill out only Sections 1, II. III. and VI for changes of a er transporten or other such change of cont Separate Forms C-104 must be filed for each pool in mi

IV. COMPLETION DATA	Oil Well	Gas Well	New Well	Workovet	Deepen	Plug Back	Same Restv.	DUL Re
Designate Type of Complet	ios — (X)	İ		<u> </u>	1	1	<u> </u>	1
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			<u>i</u>			Depth Cast	ng Shoe	
Perturations								
	TUBING, C	ASING, AND	CEMENTI	NG RECOR	<u> </u>			
HOLE SIZE	CASING & TUBIN			DEPTH SE	7	- S.	ACKS CEME	MT
			Ī					
V. TEST DATA AND REQUES	T FOR ALLOWABLE σ	ees must be a ble for this de	fer recovery	of total volume. full 24 hours.	ne of load of	l and must be	qual to 67 020	109 6
OIL WELL Date First New Oil Run To Tenks	Date of Tees		Producing Method (Flow, pump, gas lift, etc.)		lift, etc.)			
						Chete Sise		
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GAS WELL			I Bhia Gead	enecto/AAC		Grevity of	Condensets	
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STATE OF NEW MEXICO IGY MO MINERALS DEPARTMENT

DISTRIBUTE	Del :	1
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BATOR		
-	ICE	

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

Form C-104 Revised 10-01-78 Format 05-01-83 Page 1

201

BATOR CAREE	T FOR ALLOWABLE AND RANSPORT OIL AND NAT	URAL GAS	Maria de la compansión
net		A SILVER.	
nion Texas Petroleum Corporation	- $($ $($ $)$		Was .
. O. Box 1290, Farmington, New Mexico 874	199	MAY 14 10	- VIII
un(s) for filing (Check proper box)	Other (Plea	OIL CONSERVATION SANTA FE	35 1111
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Recommended OII	Dry Gas	E	VISION
Champs in Ownership Coasinghoss Gas	A Carbonia		
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Mangum 1-E Basin Dako	ta	State, Federal or Fee	Fee
tion / I-L) bus in bus			100
nat Letter F : 1520 Feet From The North		Feet From The West	
07	1111	, San Juan	
ine of Section 27 Township 29N Rong	• 11W , NMP	L, San Juan	County
DESIGNATION OF TRANSPORTER OF OIL AND NAT	URAL GAS		
r of Authorized Transporter of Ott or Concensors	Varians (Cine provess	to which approved copy of this form	
onoco, Inc. Surface Transportation		, Bloomfield, N.M. 87	7413
For Authorized Transporter of Cosingness Cos Cos Ory Cos O Southern Union Gathering Company		O, Albuquerque, N.M.	
"Unit See, "Two, "Ri			07120
il produces oil or liquids, F. 27 29N 1	1W Yes		
s production is commingled with that from any other lesse or	pool, give commingling orde	r number:	
E: Complete Parts IV and V on reverse side if necessary.			
	11	ONEEDVATION DIVICION	
ERTIFICATE OF COMPLIANCE	ΔΙ	DNSERVATION DIVISION	
by certify that the rules and regulations of the Oil Conservation Division	have APPROVED		, 19
omplied with and that the information given is true and complete to the bowledge and belief.	BY C	unk Sholso	<u> </u>
	DEPUTY	OIL & GAS INSPECTOR DIST #3	
	1	**	
Carnett S. Koddy		be filed in compliance with R	
enneth E. Roddy (Signature)	well, this form mus	uest for allowable for a newly of the accompanied by a tabulation	on of the deviation
rea Production Superintendent		well in accordance with RULE this form must be filled out con	4
126 10E	able on new and re		
/26/85 (Date)		Sections I, II, III, and VI for the property of the such chief the	
	ti .	C-104 must be filed for each	•
O APA	complated wells.		
ON APR 2 6 1985			
19gz /			
CON K YOU W			
*			•

V. COMPLETION DATA						•	
Designate Type of Comp	pletion - (X)	Well New Well	Workever	Deepen	Plug Boes	Same Resty,	DILL Re
Peta-Spullded	Date Compl. Restly to Prod.	Total Dopth			P.B.T.D.		
Develope (DF, RKB, RT., GR, es	Name of Producing Formation	Top OIL/Gas	Pay		Tuhing Dep	t h	
or for the little					Depth Cours	g Shoe	
	TUBING, CASING	, AND CEMENTING	RECORD				
HOLE SIZE	CASING & TUBING SIZ	- 1	EPTH SET		. SA	CKS CEMEN	17
						, High	K., .
					1	166	
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Re-First New Oll Run To Tonks	Des of Toot	Producing Meth			is, esc.j.	o y taon	
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rusi Presi Tees-MCF/D	Longth of Tool	Bhis. Continue	10/MACF		Gravity of Co	ndensette-	*
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STATE OF NEW MEXICO

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ERATOR.			
MATION OFF	16.8		

DIL 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

Jnion Texas Petroleum Corporation		- Par - 64 A 100	
droot .		U.S. Olympian manyanan	many and the second
2. O. Box 1290, Farmington, New Mexico 87499		SANTA -	Sivišiojų —
usen(s) for filing (Check proper bas)	Other (Please	e explain)	
Now Well: Change in Transporter of:			
	y Gas	•	
Change in Overship Centrehost Gas	ondensers		
hence of ownership give name address of provious owner			
DESCRIPTION OF WELL AND LEASE [Well No. Pool Name, including	Formation	Xind of Lease	Legge No.
		State, Federal or Fee	Fee
Mangum I-E Basin Dakota	45		1100
that Lotter F : 1520 Foot From The North L	1735	Foot From The West	
Lise of Section 27 Township 29N Range	11W NHPM	San Juan	County
20000110011001000011001000000000000000	· Alle San	•	
DESIGNATION OF TRANSPORTER OF OIL AND NATURA	L GAS Address (Give address)	to which approved capy of this fo	rm is to be sent/
Gary Energy Corporation	P. O. Box 489	, Bloomfield, N.M. 8	37413
me of Authorized Transporter of Casinghead Gas or Dry Gas X	Address (Give address	to which approved copy of this fo	rm is to be sont)
Southern Union Gathering Company		00, Albuquerque, N.M.	87125
well preduces oil or liquids, Unit Sec. Twp. Rec.	le gas actually connects	mil 7 When	g fewer
learning of tents. F 27 29N 11W	Yes		4
nis production is commingled with that from any other lease or pool,	give commingling order	Umpet.	
TIE: Complete Parts IV and V on reverse side if necessary.			
		ONSERVATION DIVISION	N ·
CERTIFICATE OF COMPLIANCE		0.40	
reby certify that the rules and regulations of the Oil Conservation Division have	APPROVED	S MAN AT	11984
a complied with and that the information given is true and complete to the best of knowledge and belief.	BY	Dranker La	va /
		SUPERVISOR DISTRICT #	30
	TITLE		
Kennett E. Rady	11	be filed in compliance with	
Kenneth E. Roddy (Signature)		post for allowable for a newly be accompanied by a tabula	
Area Production Superintendent		vell in accordance with RUL	
(This)	All sections of shie on now and rec	this form must be filled out o	completely for allow-
10/2/84	Fill out only a		changes of swner,
(Dese)			cpents of caudition
•	Separate Forth	Color anish to strop to	ch pool in multiply
	U	OCT 1 0 1004	
		OCT 1 0 1984	

OIL CON. DIV. DIST. 3

Designate Type of Complete	cion - (X)	New Well Westerner Deepen	Plug Botz Same Ree'v. Dill. Re
New Specified	Date Compl. Ready to Pred.	Total Depth	P.8.T.D.
evetiene (DF. RKB, RT, GR, etc.)	Name of Producing Farmation	Top OIL/Gas Pay	Tuhing Dopth
orientaleme .			Depth Coming Shoe
	TUBING, CASING, A	ND CEMENTING RECORD	
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
	· Lord		
			-20°,
T WELL	able for this	depth or be for full 24 hours) "	illand must be equal to or encountary all
- First New Cil Run To Tonks	Date of Test	Producing Method (Fine, pump, gas	Uft. etc.)
inglir of Test	Tuking Processe	Contag Pressure	Choice Size
resi Presi, During Test	CII-Bbis.	- Wmat-Bhip.	Gas-MCF
5 WELL			
Real Pred, Test-MCF/D	Length of Toot	Ship. Contuments/AACP	Gravity of Contenants
strong hardened (piece, back pr.)	Taking Process (Shee-in)	Gentag Prosouro (Shub-in)	Cheko Siso

14.

NO. OF COPIES RECE	LIVED	İ	
DISTRIBUTIO			
SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
IRANSPORTER	OIL		
THAME ON EN	GAS		
OPERATOR			
			_

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DISTRIBUTION	NEW MEXICO OIL CC	ONSERVATION COMMISSION	Form C-104
SANTA FE		FOR ALLOWABLE	Supersedes Old C-104 and C-11
FILE	- KEQUESI/F		Effective 1-1-65
U.S.G.S.	1	AND	4.6
	AUTHORIZATION TO TRAI	SPORT OIL AND NATURAL GA	AS
LAND OFFICE	4 :		Charles and the second
TRANSPORTER OIL	4		COLU
GAS			COFI FILM
OPERATOR			KULLIYED
PRORATION OFFICE			- THE LILL LU
Operator			1111 0 0 1000
Union Texas Petroleu	ım Corporation		JUL 2 3 1982
Address			OIL CON. COM.
1960 Lingoln Street	, Suite 1010, Denver, Colo	orado 80295	DIST. 3
Reason(s) for filing (Check proper box		Other (Please explain)	DISI. 3
		Other (Please explain)	into
New We!I	Change in Transporter of:	Unicon Producing	Company Successor to
Recompletion	Oil Dry Gas	Supplement Business Com	nemation
Change in Ownership X	Casinghead Gas Condens	sate Gapton Biology	
If change of ownership give name	Supron Energy Corporation	, P.O. Box 808, Farmingt	on, New Mexico 87401
and address of previous owner	8,,		
I DECORPORADO OF WELL AND	LEACE		
I. DESCRIPTION OF WELL AND	Well No. Pool Name, Including Fo	rmation Kind of Lease	Lease No.
		State, Federal	or Fee
MANGUM	1-E BASIN DAKOTA		or Fee FEE
Location			
Unit Letter F : 15	520 Feet From The NORTH Line	e and 1735 Feet From T	he WEST
,,			
Line of Section 27 To	ownship 29N Range]	II W , NMPM, SAN JU	AN County
		3/10 00/	
DESCRIPTION OF TRANSPOR	TED OF OU AND NATURAL CA	e ·	
Name of Authorized Transporter of Oi	TER OF OIL AND NATURAL GA	Address (Give address to which approv	ed copy of this form is to be sent)
Rame of Authorized Transporter of Cr	. Condensate M	P. O. Box 108, Farmingt	
Plateau, Inc.			
Name of Authorized Transporter of Co		Address (Give address to which approved 1800 First International	al Building
Southern Union Gath	ering Co.	Dallas, TX 75201	
if well produces oil or liquids,	Unit Sec. Twp. Rge.	Is gas actually connected? Whe	en .
give location of tanks.	F 27 29N 11W	YFS	10-20-81
		·	
	ith that from any other lease or pool,	give commingling order number:	
V. COMPLETION DATA	Oil Well Gas Well	New Well Workover Deepen	Plug Back Same Res'v. Diff. Res'v.
Designate Type of Completi	(Y)		
		XX	P.B.T.D.
Date Spudded	Date Compl. Ready to Prod.	Total Depth	
02/27/81	04/21/81	6240	6224
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation	Top Oil/Gas Pay	Tubing Depth
5434 R.K.B.	DAKOTA	6024	6104
Perforations	B. 1.12		Depth Casing Shoe
6024-6160			6240
	TUBING CASING AND	CEMENTING RECORD	,
·			SACKS CEMENT
HOLESIZE	CASING & TUBING SIZE	DEPTH SET	
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 1	FOR ALLOWARIE (Test must be a	fter recovery of total volume of load oil	and must be equal to or exceed top allow
OIL WELL	able for this de	epth or be for full 24 hours)	
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas li	ft, etc.)
Date / Hat New Oil 11th 19 1			1981
	Tubing December	Casing Pressure	Chore Size
Length of Test	Tubing Pressure	Coamy Prossure	3476
		(n)	Company No.
Actual Prod. During Test	Oil-Bbls.	Water - Bbls.	Gan Man
		1037	DIA
		1811 5	Gas-May 1 Condensate
GAS WELL			ERN TO T
Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MMCF	Grayity of Condensate
		-10	St. in the
The state of the s	Tubing Pressure (Shut-in)	Casing Pressure (Shut-in)	Choke Size
Testing Method (pitot, back pr.)	raning Liessang (Sunc-In)	230114	
		1	
I. CERTIFICATE OF COMPLIA	NCE	OIL CONSERVA	ATION COMMISSION
		1111	2 3 1982
	d regulations of the Oil Consequation	APPROVED	19 138C 19
C	d regulations of the Oil Conservation with and that the information given	× 17 (7)	
above is true and complete to t	the best of my knowledge and belief.	BY	200
		SUPERVISOR	DISTRICT # 3
Union Texas Petrol	eum Corporation	TITLE	
100		This form is to be filed in	compliance with RULE 1104.
// / / /			Trecent to beliled or menent
1-() (Mili		well, this form must be accome	anied by a tabulation of the deviation
(\si	gnature)	MASS	adamas milita milita militar

tests taken on the well in accord

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 conditions. Secrete Forms C-104 must be filed for each pool in multip

OIL CONSERVATION COMMISSION 1000 Rio Brazos Road

AZTEC, NEW MEXICO 87410

NOTICE OF GAS CONNECTION

			DATE_OC	LUDEI 21, 1901
	•	·		
THIS IS TO NOTIF	Y THE OIL CONSERVA	TION COMMISSION THAT CO	ONNECTION FO	OR THE PURCHASE OF
GAS FROM THE _	Suj	oron Energy Corporation		
		OPERATOR		
	Mangum		1-E	(F) 27-29N-11W
	LEASE	W	ELL UNIT	S-T-R
Bas	sin Dakota	Southern Union	n Gathering C	ompany
	POOL	N.A	ME OF PURCH	ASER
WAS MADE ON	10-20-81	, FIRST DELIVERY	10-20-81	
	DATE			DATE
	1002			
	AL POTENTIAL			

NOV 09 1981

OIL CONSERVATION DIVISION SANTA FE

Southern Union Gathering Company PURCHASER

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: Richard Thomas, Gas Supply

Mr. Perry McFarland, Kutz

File



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NO. OF COPIES REC	EIVED		
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SANTA FE			
FILE			
U.S.G.S.			
LAND OFFICE			
TRANSPORTER	OIL		
GAS			
OPERATOR			

Production Superintendent (Title)

(Date)

April 21, 1981

III.

NEW MEXICO OIL CONSERVATION COMMISSION REQUEST FOR ALLOWABLE

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

FILE		-	AND			
U.S.G.S.		AUTHORIZATION TO TRA	NSPORT OIL AND N			
LAND OFFICE	OIL	1			MALION DISSON	
TRANSPORTER	GAS				(-7-7	
OPERATOR				Olf China.	(€3) -	
PRORATION OFF	ICE				()	
_	ERGY CORPOR	ATTON		7.10	(GWE)	**
Address	KGI CONFOR	ATTON			R	
		gton, New Mexico 87401				
Reason(s) for filing (Check proper box		Other (Please	explain)		
New We!I	M	Change in Transporter of: Oil Dry Gas	s \square			
Recompletion Change in Ownership	<u>,</u>	Casinghead Gas Conden				
I change of owners and address of prev						
Lease Name	F WELL AND	Well No. Pool Name, Including Fo	ormation	Kind of Lease		Lease No.
Mangum		1-E Basin Dakota		State, Federal	or Fee	FEE
Location		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
Unit Letter F	::	520 Feet From The North Line	e and1735	Feet From T	he West	
			77 77	C	7	C
Line of Section	27 To	waship 29 N Range	11 W , NMPM,	San	Juan	County
DESIGNATION O	T TDANSPOR	TER OF OIL AND NATURAL GA	s			
Name of Authorized	Transporter of Oi	1 or Condensate	Address (Give address to	which approv	ed copy of this form is t	o be sent)
Plateau, l	Inc.		P.O. Box 108, 1	Farmingto	on, New Mexico	87401
Name of Authorized	Transporter of Co	singhead Gas or Dry Gas X	Address (Give address to First Internat:	o which approvi i ona l Bui	ed copy of this form is to lding - Dallas	to be sent)
Southern U	Union Gathe	ering Company	Attention: Mr.	R.J.Mc	Crary	
If well produces oil		Unit Sec. Twp. P.ge.	Is gas actually connecte	as whe	en.	
give location of tank		F 27 29N 11W	No			
If this production is COMPLETION D.		ith that from any other lease or pool,	give comminging order	number:		
		Oil Well Gas Well	New Well Workover	Deepen	Plug Back Same Res	s'v. Diff. Res'
Designate Typ	pe of Completi	ion – (X)	XX	1		
Date Spudded		Date Compl. Ready to Prod.	Total Depth		P.B.T.D.	
2-27-81		4-21-81	6240 Top Oil/Gas Pay		6224 Tubing Depth	
Elevations (DF, RKI		Name of Producing Formation	6024		6104	
5434 R.K.I	В.	Dakota	6024		Depth Casing Shoe	
6024 - 616	60				6240	
0024 010		TUBING, CASING, AND	D CEMENTING RECOR	D		
HOLE	SIZE	CASING & TUBING SIZE	DEPTH SE		SACKS CE	MENT
12-1/4"		8-5/8", 24.00#	365		275	
7-7/8"		4-1/2", 10.50#	6240		1300 (3 st	ages)
		2-3/8" E.U.E., 4.70#	6104		+	
		DOD AV JOWADY E (Tour must be a	ifter recovery of total volu	me of load oil	and must be equal to or	exceed top alle
TEST DATA AND	D REQUEST	FOR ALLOWABLE (Test must be a able for this de	epth or be for full 24 hours	1	AND MANY AND AND AND AND AND AND AND AND AND AND	
Date First New Oil	Run To Tanks	Date of Test	Producing Method (Flow	, pump, gas li	The state of the s	
					THE STATE OF	
Length of Test		Tubing Pressure	Casing Pressure		MARTIN	
		Oil-Bbls.	Water - Bbls.	AL	Gas - MASO	
Actual Prod. During	1.004	011-82.5.		1	823 CM	
				1 B	CON. 3	
GAS WELL				- 01	Granty of Condensat	
Actual Prod. Test-	MCF/D	Length of Test	Bbls. Condensate/MMC	F 1	Gravity of Condensat	
1002		3 hours	Casing Pressure (Shut	-in)	Choke Size	
Testing Method (pil		Tubing Pressure (Shut-in) 1052	1053	1	3/4"	
Back Pres				CONSERV	ATION COMMISSIO	ON
CERTIFICATE	OF COMPLIA	NUE	0.2	ADE	231981	
		d segulations of the Oil Conservation	APPROVED	711	1	, 19
OIndian base	been complied	d regulations of the Oil Conservation with and that the information given		116	Har!	
above is true and	i complete to t	he best of my knowledge and belief.		VISOR DISTRIC	T # 3	
		111	TITLE			
		Jenneth E. Koddy	This form is to	be filed in	compliance with RUL	E 1104.
Kenneth F	E. Roddy /	Jenneth Z. Kordy				lled or deeper
мениеці в	(Si	gnature)	well, this form mus	well in accomp	enied by a tabulation ordance with RULE 1	11.

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 sllow-able 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.

							,	
. OF EUPIES RECLIVE	:0			•				orm C+105
DISTRIBUTION								
ITA FE			NEWN	EXICO-OIL C	ONSERVATIO	N COMMISSIO	N	dicate Type of Leane
E		WELL				ON REPORT	AND LOG	ate Foo X
.G.S.			. 00//// 22				5. Sin	ite OII & Gas Louse No.
ND OFFICE								
ERATOR.		-				· -		
ERATON,					•			
YPE OF WELL							7. Un	it Agreement Name
7 PE 07 Mage		اد ا	GAS		_		Co	mmunitized No. SW43
	1	WELL	GAS WELL	X ORYL	OTHER			rm or Lease Name
YPE OF COMPLE			PLUG [DIFF.	_			
FLL X OVE		EPEN	BACK	RESVR.	OTHER			ngum 11 No.
rne of Operator							9. 110	11 140.
SUPRON ENER	RGY CORPO	RATIO	V				1-	
aress of Operator							10. F	ield and Pool, or Wildcat
P.O. Box 80	08. Farmi	naton	. New Me	xico 87	401		Ba	sin Dakota
ecation of Well	50 / 1 421112	119 0011	1101111					
						•		
LETTER F		152	0	Nor	th	1735	FEET FROM	
LETTER	LOCATED _		FEET FR	ОМ ТНЕ	LINE AN	mmi		onth ####################################
	_						c2 \	n Juan
West LINE OF	scc. 27	TWP. 2	9 Norther	.11 West	IPM ()	TITIVITI	111111	
Oute Spudded	15, Date T.D). Reache			18.			.) 19. Elev. Cashinghead
2-27-81	3-8-8		1	-21-81			R.K.B.	5422
Total Depth	21.	Plug Bac	k T.D.	22. If Mul	tiple Compl., H	ow 23. Inter-	rals Rotary Tool	s Cable Tools
6240		6	224				- 624	0
Producing Intervai(s	s), of this com	pletion -	Top, Bottom	, Name				25. Was Directional Surve Made
						ETH		Made
6004 616	O Dalasta							Ňo
6024 - 616						ADO	- 40 5-41	27. Was Well Cored
						APH	(23 1981	No
Induction .	Electric	and C				OIL	781	I NO
			CAS	ING RECORD (Report all strin		OIV. COM.	
CASING SIZE	WEIGHT	LB./FT.	DEPTH	SET	HOLE SIZE	CEN	SITING RECORD	AMOUNT PULLED
8-5/8"	24.0	0	365	12	-1/4"	275 sac	ks	
4-1/2"	10.5		6240) 7	-7/8 "	1300 sac	ks (3 stages	·
3 4/4								
						T		
		LINED	RECORD			30.	TUBIN	G RECORD
————								
SIZE	TOP		воттом	SACKS CEMEN	SCREE			EI FACKER SEI
						2-3/8"	EUE 6104	
Perforation Record	(Interval, size	and num	ber)		32.	ACID, SHOT,	FRACTURE, CEME	NT SQUEEZE, ETC.
1-0.42" hole				ving depth	S: DEPT	HINTERVAL	A THUOMA	ND KIND MATERIAL USED
6024,26,28,3						- 6160	2000 gal. 7	14% HCL, 152,000 lb
6,098,6100,02			•					, and 30 lb. cross-
					·			. All fluid contain
6124,26,28,3	10,34,36,	54,56	38,60.	TOTAL OF			2% KCL and	
37 holes)							12% NCD and	DIOCITE.
					RODUCTION			1 Status (Prod. or Shut-in)
First Production	P	roduction	Method (Flor	wing, gas lift, p	umping - Size	and type pump)	Wel	
		F_{-}	lowing					Shut-In
of Test	Hours Teste	rd t	Choke Stze	Prod'n. For	OII — Bbl.	Gas - M	CF Water = B	bl. Gas - Oll liatlo
4-21-81	3	1	3/4"	Test Period	•	125	5	
W Tubing Press.	Casing Pre			- OII - Bbl.	Gas -	- MCF	Water - Bbl.	Oil Gravity - API (Corr.)
-		_ '	Hour Hute			1002		
73	26			<u> </u>		.002	Test Witne	osael By
Disposition of Gas	(Sold, used for	or fuel, we	nted, etc.)					
Vented							Clift	on Gates
List of Attachments	5							·
I karaka a a da da			and of all	ent this term i	s teun and come	lete to the best.	of my knowledge and	t belief.
//			7 77	a uj una jom t	a rear and comp		, , , , , , , , , , , , , , , , , , , ,	·
Kens	reth E.	Kodo	ey					
, ,				TITLE	Production	on Superin	tendent DAT	E <u>April 21, 1981</u>
SIGNED <u>Kennet</u>	th E. Roc	ldy		TITLE .	Production	on Superin	tendent DAT	E <u>ADTIL 21, 1981</u>

s form is to be filled with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-diffied or perfect well. It shall be accompanied by one copy of all electrical and redescentivity logic non on the well and a number, of all special tests contend, including drill stem tests. All depths rejected shall be measured depths. In the case of directionally drilled wells, true vertical depths shall a be reported. For multiple completions, items 30 through 34 shall be reported for each zone. The form is to be filled in quintuplicate except on to land, where six copies are required. See Rule 1105.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

				New Mexico					ew Mexico	
				Canyon					Penn. "B"	
		T. Strawn							Penn. "C"	
Salt _				Atoka					Penn. "D"	
Yates			Т.	Miss	T. Cliff II	ouse	313	<u>о</u> т.	Leadville	
				Devonian				T.	Madison	
Queen T. Silurian								Elbert		
Grayb	urg		T.	Montoya	T. Mancos		C 1 7	T.	McCracken	
San A	ndres		T.	Simpson	T. Gallup		517	3 T.	Ignacio Qtzte	
Glorie	ta		т.	McKee	Base Green	horn	595	T.	Granite	
Paddo	ock	·	т.	Ellenburger	T. Dakota		802	T.		
Bline	bry		T.	Gr. Wash	T. Morriso	n		T.	·	
Tubb.			Т.	Granite	T. Todilto			Т		
				Delaware Sand						
				Bone Springs						
Penn			Т.		T. Permia	n		T.		
Cisco	(Bough	C)	Т.					Т.		
					AS SANDS C					
1, fron	ì			_to	No. 4, from	3	**********		to	
2, from	2			to	No. 5, from	ì	5 5 5 5 4 8 5 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6 5 6		toto	
-				_to						
				nd elevation to which water i						
1, from	1			toto	*************************					
1, from 2, from	1			to		**********	feet.		2000 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	*********
1, from 2, from 3, from	1			toto			feet.			
1, from 2, from 3, from	1			toto			feet.	*************		
1, from 2, from 3, from	1			toto		sheets if	feetfeetfeet.	*************		
1, from 2, from 3, from 4, from	1			toto		sheets if	feet.	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		
1, from 2, from 3, from 4, from	1	Thickness		toto	och additional	sheets if	feetfeet. necessory	*************		

OIL CONSERVATION DIVISION

P. O. UOX 2088

Form C-127 Revised 10-1-78

STATE OF NEW MEXICO ENERGY AND MITHERALS DEPARTMENT SANTA FE, NEW MEXICO 87501

MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

							Teat Dute	,			
Type Teat	[X] Inl	ı Jol		Annual		Special					
Company				Cuitie	ction .						7
SUPRON	DNED CV	COPPO	DATTON	Sout	thern Unio	n Gatherii	ng Compa	ny			
	ENERGI	COMPO	1011	1, ni wa					Ur.II		
Poul				Dake	ota					• 4	
Basin	Lore		Total Lepth		17lug Hack	TD	Devotion		Form or	Poose Haw	
Completion	Date				62	24	5434		Mang	um	<u> </u>
4-10-8.			62	Set At	Perloratio		7474		Well No.		
Ceq. 5170	W1.	F.0	, 052		From 60	24	To 6160		1-E		
4.500	10	.50	4.052	6240		NO PERI			Unil	Sec. T	wp. Hyer
Thg. 612.0		7.0	7 005	6104	From		То		F	27 2	9N 11W
2.375	4	.70	1.995 4-G.C. or G			Packer Set At			County		
Type Well -	Single - D	1 vio evii en	a = 0.0. 0, 0	O. Monny					San	Juan	
Single				120 500	nual Temp. °F	Baio. Piess.	_ P_	-	Stole	J ddii	
Froducing 7	hru	Hener	voit Temp. *F	1200	noul tomp.		12		New	Mexico	
Tubing					* N 2	1 1H2		10401	Meter F		[aps
Ļ	н		Co	7.	. 7.72	72					
6094			0.650					C^	SING D	ATA	Duration
		F	LOW DATA	4		TUBING		-			of
Tiove	×	Orifice		biff.	Temp.	Piess.	Tomp.	Pres		Temp.	Flow
VO. Line		Size	p.s.1.q.	h _{v/}	٠٤	p.s.1.q.			-		7 2200
51 2"		3/4"				1052		1053			7 days
1.					·	73	680	261			3 hours
2.										-	
3.											
			1								r
4.											
5.				RATE	OF FLOW	CALCULAT	10112				
					Flow	Temp.	Grovily	5	uper	For	of Flow
Co	efficient		D/h P	Picas	W 6	octor	Foctor	1	press.	,	J. McId
NO. 12	4 Hours T) The man	Pm		FI.	Fg	Foci	or, Fpv		
	650	C College C	41 14	85	0.9	924	0.9608	1.00	00	100	2
	000	- 1001						of the state of the			
2.	MAYO	71111	5 - 3				1 123		8		
3.	enga penangga	the second	ONTISION				1 2 2 2				
4.	11-11		24				A ABO	23 198	A V		
5. OIL	1 3/	NTA FE			Gos Liquid Hyd	trocarbon Raile		43 190	7		Mcl/bbl.
10. R	Ter	np. *R	T _e	z	Gos Liquid Hyd A.P.I. Gravily	of I louid Hydro	combon C	ON A			Deg.
					Specific Cravity	Separator Con	\ DI	ST SUM	/_	XXXX	XXXXX
1.					Specific Gravit		W.	XXXXX		-	
2.					Critical Pieseu		A STATE OF THE PARTY OF THE PAR		_ P.S.I.A.		P.S.I.A.
3.					Critical Temper				R		R
4.											
. 106	5 7.2	7 73	34 225		$\frac{P_c^2}{R^2 - K_r^2}$			Γ	E 2	'n,	0522
106		111	1225	P1_P1	(I)	= 1.0	703	(2)	·c	=_1.	0322
10 P,2			74 500	7 050 60	$R^2 - K^2$			L 15	- R	ل	
1	2	73	74,529	1,059,696							
					٢	n2] n	1054				
			,		AOF = Q -	$\frac{R^2}{R^2 - R^2}$	PTONE				
2											
3					. L	15-10					
3					. · L	1E-10					
2 3 4 5	on Flow _	1054	1		· L		le of Slope	Α		Slope,	0.75
Alequie Ore	on Flow	1054	1		· L			P		Slope,	0.75
Alequie Ore	on Flow _	1054	1		· L			A		Slope,	0.75
Aleotute Ope	en Flow	1054	1		· L		ile of Slope (Checked D		0.75

O. OF COPIES RECEIVED	<u>· </u>		Form C-103 Supersedes Old
DISTRIBUTION			C-102 and C-103
NTA FE	NEW MEXICO OIL CONSE	RVATION COMMISSION	Effective 1-1-65
.E		-	To the second se
j.G.5.		1	State Type of Lease
ND OFFICE	•	L	
ERATOR			5. State Oil & Gas Lease No.
ERATOR		· .	
	DRY NOTICES AND REPORTS ON V PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BAI CATION FOR PERMIT -" (FORM C-101) FOR SUCH	PROPOSALS.)	7. Unit Agreement Name
OII GAS X	OTHER-		Communitized No. SW43
ame of Operator		•	Mangum
SUPRON ENERGY CORPORA	ATION		Mangum 9. Well No.
ddress of Operator			
2.0. Box 808, Farming	gton, New Mexico 87401		1-E 10. Field and Pool, or Wildoot
ocation of Well			
F	1520 FEET FROM THE North	LINE AND 1735 FEET FROM	Basin Dakota
THE West LINE, SE	CCTION 27 TOWNSHIP 29 NO		
mmmmm	15. Elevation (Show whether D	F, RT, GR, etc.)	12. County
	5434 R.K.	1	San Juan
			• Data
	k Appropriate Box To Indicate Na INTENTION TO:	subsequent	REPORT OF:
			ALTERING CASING
FORM REMEDIAL WORK	PLUG AND ABANDON	REMEDIAL WORK	
APDRARELY ABANDON		COMMERCE DRILLING OPNS.	PLUG AND ABANDONMENT
L OR ALTER CASING	CHANGE PLANS	CABING TEST AND CEMENT JOB	
		OTHER Ran 45" Casing	
OTHER			The f
		Banco	timesed the fact of spring any proposed
Describe Proposed or Completed	d Operations (Clearly state all pertinent detail	is, and give pertinent dates, methating es	stimoged the of sperting any proposed
work) SEE RULE 1103.	- / 2 / total dopth of	F 6240 ft R K B. Votal G	eathound reached
	nole w/ mud to total depth of	OIL	CON. O
on 3-8-81.			DISI. 9
at 6224 ft. R.K.	of 4%", 10.50#, K-55 casing a B. Stage collars were set a	11 4100 1C. AM 2740 1C. 1	
2 Comented first s	stage with 350 sacks of 50-50	O POZ mix with 2% gel and	10% salt. Plug
- 1045 -	. I O OI COMONFAC SACONO S	STAGE WILL 200 SAUND UN DI	0 00 100 11120
	collected nor cack and	SO SACKS OF CLASS "D" Will	LII. 2% CUICIUM
	- 3	Cemented Chilia Godge Will	
chioride. Flag	2½ lb. of Gilsonite per sack	and 200 sacks of 50-50 PC	OZ mix with 2% gel
65-35-12 WILLI 12	ilsonite per sack. Plug down	n at 2:30 a.m. 3-10-81.	
4. Cement circulate	ed to the surface on the thir	rd stage.	
1			
	7 1001		
1	2 1501		
0,200	The Park of the Pa		
SANTA	FE LINSION		
	tion share is true and complete to the best of	my knowledge and belief.	
Kenneth E. K	.Odklj		March 10, 1981
Kenneth E. Roddy	TITLE Pro	duction Superintendent	DATE MALCH IV, 1901
	-/ A		
7 1-	7 / X / SUI	PERVISOR DISTRICT # 3	88 D 1 1 1001
5 rail). Garage TITLE		MAR 111981

	\neg	
NO. OF COPIES RECEIVED	4	Form C-103 Supersedes Old
DISTRIBUTION		C-102 and C-103
ANTA FE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
ILE		5a. Indicate Type of Lease
.s.G.5.		State Fee X
AND OFFICE		5, State Oil & Gas Lease No.
PERATOR		J. State Off & Gas Loose No.
		minimum
SUND (DO NOT USE THIS FORM FOR PI	RY NOTICES AND REPORTS ON WELLS ROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. ATION FOR PERMIT	
		7. Unit Agreement Name
WELL GAS X	OTHER-	Communitized No. SW 43°
Name of Operator		8. Farm or Lease Name
SUPRON ENERGY CORPORA	TION	Mangum 9. Well No.
Address of Operator	Var. Manifes 97401	1-E
P.O. Box 808, Farming	ton, New Mexico 87401	10. Field and Pool, or Wildcat
Location of Well	1520 FEET FROM THE North LINE AND 1735	ROM Basin Dakota
THE West LINE, SECT	TION TOWNSHIP 29 North RANGE 11 West NA	MPM. (())
mmmm	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5434 R.K.B.	San Juan
RFORM REMEDIAL WORK	PLUG AND ABANDON REMEDIAL WORK COMMENCE DRILLING OPNS. CHANGE PLANS CASING TEST AND CEMENT JQB X OTHER	ALTERING CASING PLUG AND ABANDONMENT
Describe Proposed or Completed (work) SEE RULE 1 103.	Operations (Clearly state all pertinent details, and give pertinent dates, inclu	ding estimated date players any proposed
	Face hole at 12:45 a.m. 2-27-81.	RULIVA
o pulling love our	Face hole to total depth of 367 ft. R.K.B.	MAR
3. Ran 8 joints of 8	3-5/8, 24.00#, H-40 casing and set at 365 ft. I	R.K.B. OIL CON 1981
4. Cemented with 2/3	Sacks of Ciass B was st	Plug DIST. 3
down at 10:30 p.π	n. 2-27-81. Cement circulated to surface.	
5. Waited on cement		
6. Pressure-tested o	casing to 800 P.S.I. for 15 minutes. Held OK.	
	MAR 2 7 198: SE CONSTRUCTION SANTA FE	
I hereby certify that the information function E, K	on above is true and complete to the best of my knowledge and belief.	
	Production Superintenden	t March 2, 1981

SUPERVISOR DISTRICT # 3

ONDITIONS OF APPROVAL, IF ANY:

MAR MAR

3 1981

NO. OF COPIES RECEIVED	<u>·</u>	Form C-103 Supersedes Old
DISTRIBUTION		C-102 and C-103
ANTAFE	NEW MEXICO OIL CONSERVATION COMMISSION	Effective 1-1-65
ILE		5a. Indicate Type of Lease
.s.g.s.		State Fee X
AND OFFICE		5. State Oil & Gas Lease No.
PERATOR		5, 5,4,6 Oii & 645 Zoude No.
SUN (DO NOT USE THIS FORM FOR USE "APPLIE	DRY NOTICES AND REPORTS ON WELLS PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. CATION FOR PERMIT -" (FORM C-101) FOR SUCH PROPOSALS.)	7. Unit Agreement Name
WELL GAS X	OTHER-	Communitized No. SW43
Name of Operator		8. Farm or Lease Name
SUPRON ENERGY CORPOR	RATION	Mangum 9. Well No.
Address of Operator		
	ngton, New Mexico 87401	1-E 10. Field and Pool, or Wildcat
Location of Well	1500 North 1725	
UNIT LETTER	1520 FEET FROM THE North LINE AND 1735 FEET FROM	Basin Dakota
THE West LINE, SEC	ction 27 township 29 North RANGE 11 West NMP	
	15. Elevation (Show whether DF, RT, GR, etc.)	12. County
	5422 Gr.	San Juan
Chec	k Appropriate Box To Indicate Nature of Notice, Report or O	ther Data
		NT REPORT OF:
ERFORM REMED!AL WORK	PLUG AND ABANDON REMEDIAL WORK	ALTERING CASING
EMPORABILY ABANDON	COMMENCE DRILLING OPNS.	PLUG AND ABANDONMENT
ULL OR ALTER CASING	CHANGE PLANS CASING TEST AND CEMENT JOB	
	OTHER	
OTHER Extend Spud Date	te X	
 Describe Proposed or Completed work) SEE RULE 1 103. 	Operations (Clearly state all pertinent details, and give pertinent dates, including	ig estimated date of starting any proposed
We desire an ex to rig availab	ktension of the spud date deadline from $2-14-81$ u	ntil 3-14-81 due
	The state of the s	
	FEB 19 1981	
	MORE TO STATE OF THE STATE OF T	atti to
	Char VAIID	
	APPROVAL VALID	GILLIAED /
	DRILLING COMMENGER,	A See America
	BRILLING	FEB 9 1981
	8-14-81	ON COM
	SCPIRES -	OIL CON. COM.
		DIST. 3
•		
I hereby certify short the informati	ion above is true and complete to the best of my knowledge and belief.	
MIM.	44	
way Alla	Area Superintendent	DATE February 9, 1981
Rudy P. Motto	Allre Wrea paheringengeng	UAIL 1002 GGL 7 JJ 2304
-: -	100	FFR 91981
8.11	SUPERVISOR DISTRICT # &	FEB 91981

ONDITIONS OF APPROVAL, IF ANY:

STATE OF NEW MEXIC		OIL	CONSERVATI		30-	045-2 Form C-10 Revised 1	1
DISTRIBUTION SANTA FE FILE		SAI	NTA FE, NEW MI			STATE	FEE XX
U.S.G.S. LAND OFFICE OPERATOR		<i>,</i>					
	N FOR PE	ERMIT TO	DRILL, DEEPEN,	OR PLUG BACK		7 11011 40	reement Name
b. Type of Well DRILL			DEEPEN		BACK [Communit	Lease Name
OIL GAB WELL WELL	07)	(CR		ZONE XX	ZONE	Mangur	
2. Name of Operator						9. Well No 1-E	
Supron Energy Cor	poration	<u> </u>				1	and Pool, or Wildcat
P.O. Box 808, Far	mineton.	New Mex	rico 87401 /				Dakota
			1520	EET FROM THE North	LINE	111111	
AND 1735 PEET FROM	Most		27		L-W NMPM		
						12. County	(())()()()()
					7777777	San Jua	an ())))))
	77/7/7/	7/////		9. Proposéd Dépth	19A. Formatio		20, Rotary or C.T.
				6250 Ft.	Dakota		Rotary
21. Elevations (Show whether DF)	RT. etc.)	21 A. Kind	& Status Plug. Bond 2	11B. Drilling Contractor	Dakota		x. Date Work will start
5422 GR	,,		0. Blanket	Brinkerhoff		Shift.	fry 15, 1981
23.			ROPOSED CASING AND	CEMENT PROGRAM		KLL	
SIZE OF HOLE	SIZE OF	CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS O	NEMENI	EST. TOP
• 12-1/4"	8-5		24.00	250 Ft.	150	sx.	980 cu ated
7-7/8"	4-1	/2"	10.50	6250 Ft.	1250	LexCON.	Girculated
						DIST.	3
It is our intention circulating medium being circulated to new 4-1/2" pipe and tool at approximate Gilsonite/sx. Set w/12-1/2# Gilsonite casing. Perforate and run tubing. No The B.O.P. schemate This gas has previously the control of the control o	New 8 surface of cement ely (±) D.V. to e/sx and the Dak ipple do ic is at ously be	-5/8" su e. Dril as foll 4300 ft. ol at ap 200 sx ota zone wn well tached en dedic	rface casing will out from under ows: 1st stage and cement will proximately 275 of 50-50 poz will. Fracture zon head. Test we ated to a pure	er surface with a surface with a surface with a surface with a surface with a surface with a surface with a surface of surface with a surface	cemented h a 7-7/8 50 poz w -50 poz w nt with Gilsonite product: to a Gath APPROVAL V R 90 DAYS LING COM/	bit t /2% gel. /2% gel. /450 sx o e. Pres ion. Cl hering s /AUD UNLESS MENCED,	o T.D. Run Set D.V. and 6# f 65-35-6 sure test the ean well up
(This space for	State Use)	7/	DEPUTY OIL &	gas inspector, dist	. # 3	NO	V 17 1980
BBBOVED BY KILL	Zho	laon	TITLE			DATE	

CONDITIONS OF APPROVAL, IF ANYI

WELL LOCATION AND ACREAGE DEDICATION PLAT

Superardes C-12 Effective 1-1-65

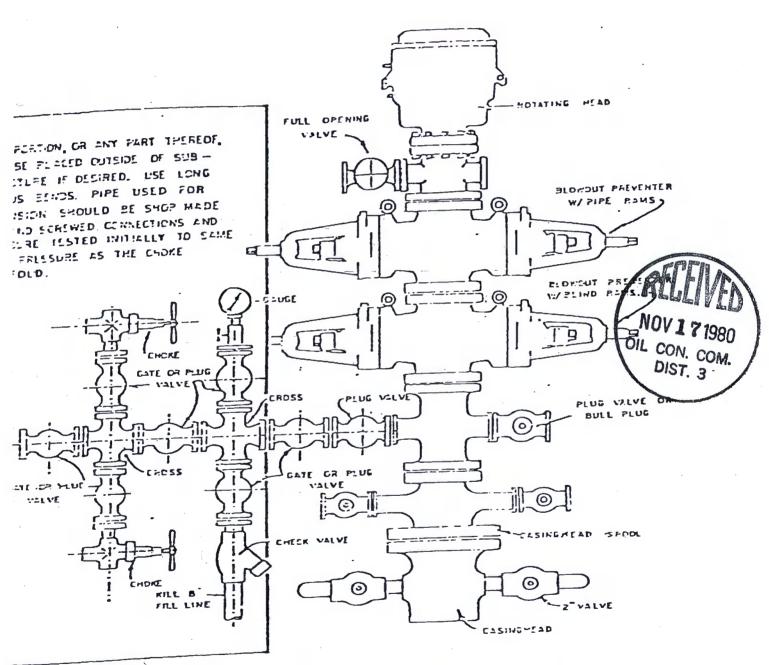
All distances must be from the outer boundaries of the Section. Well No. MANGUM SUPRON ENERGY CORPORATION County Range Unit Letter 11 WEST SAN JUAN 29 NORTH 27 Actual Factore Location of Well: line NORTH line and 1520 feet from the Dedicated Acreoge: Ground Level Clev. Producing Formation 320.00 Acres Basin 5422 1. Outline the acreage dedicated to the subject well by colored pencil or hachure 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? If answer is "yes," type of consolidation _____ Communitized SW 43 X Yes 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 Commis-Position <u>Area Superintendent</u> SUPRON ENERGY CORPORATION 27 O | Mangum #1 NOV 25 1980 SANTA FE Date Surveyed October 23, 1980 Registered Professional Engineer James P. Certificate No. 1463

1000

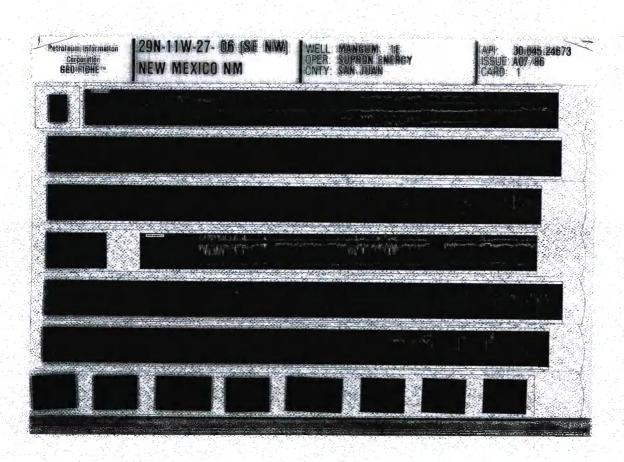
2000

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



Pas 1 Document Name: untitled

CMD :

ONGARD

11/20/02 12:15:44 OGOMES -TP0X

OG5SECT

INQUIRE LAND BY SECTION

PAGE NO: 1

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

D		С	В	A
40.00	}	40.00	40.00	40.00
Fee owned		Fee owned	 Fee owned 	 Federal owned
E		F	G	Н
40.00		40.00	40.00	40.00
Fee owned		Fee owned	 Fee owned	 Fee owned
		A A A		A
PF01 HELP	PF02	PF03 EXIT	PF04 GoTo PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV PF11	PF12

Date: 11/20/2002 Time: 12:22:25 PM

CMD: OG5SECT ONGARD

INQUIRE LAND BY SECTION

11/20/02 12:15:48

OGOMES -TPOX

PAGE NO: 2

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

L	K	J	l I
40.00	40.00	40.00	40.00
Federal owned	Federal owned	 Federal owned	 Fee owned
rederal Owned	rederal owned	rederal owned	ree Owned
A	A	Ì	AAAA
M	N	0	P
40.00	40.00	40.00	40.00
	ļ		
Federal owned	Federal owned	Federal owned	Federal owned
A A			
PF01 HELP PF02	PF03 EXIT	PF04 GoTo PF05	PF06
F07 BKWD PF08 F	WD PF09 PRINT	PF10 SDIV PF11	PF12

Date: 11/20/2002 Time: 12:22:27 PM

CMD :

ONGARD

11/20/02 12:16:10

OG6IWCM

INQUIRE WELL COMPLETIONS

OGOMES -TPOX

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

Date: 11/20/2002 Time: 12:22:52 PM

CMD :

ONGARD

11/20/02 12:16:19

OG6ACRE

C102-DEDICATE ACREAGE

OGOMES -TPOX

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 N 29N 11W 40.00 C 27 FED 27 29N 11W 40.00 FE N FE E 27 29N 11W 40.00 F 27 29N 11W 40.00 N FE K 27 29N 11W 40.00 N FD 40.00 N FD 27 29N 11W L 27 M 29N 11W 40.00 FD N 27 29N 11W 40.00 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

Date: 11/20/2002 Time: 12:22:59 PM