

MAR 26 2003

State of New Mexico  
Energy, Minerals, and Natural Resources Department  
Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, New Mexico 87505

TF-03-013

APPLICATION FOR NGPA WELL CATEGORY DETERMINATION

FOR DIVISION

USE ONLY:

APPROPRIATE FILING FEE ENCLOSED? YES ☒ NO ☐  
DATE COMPLETE APPLICATION FILED March 26, 2003  
DATE DETERMINATION MADE April 29, 2003  
WAS APPLICATION CONTESTED? YES ☐ NO ☒  
NAME (S) OF INTERVENOR (S), IF ANY: na

FILING FEE

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:  
Dugan Production Corp.  
2. Address of Operator:  
P. O. Box 420  
Farmington, NM 87499-0420

6. County:  
San Juan  
7. API No: 30045-24315

8. Indicate Type of Lease:  
State ☐ Fee ☒

3. Location of Well: Unit Letter M  
Footage: 790' FSL & 790' FWL

9. State Oil & Gas Lease No.:

Sec. 24 Twp. 29N Rng. 11W

10. Unit Agreement Name:

4. Lease Name:  
Mae Gale Com

5. Well No: 1E

11. Pool or Formation:  
Basin Dakota Prorated Gas Pool (71599)

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:  
a. C-105 Well Completion or Recompletion Report  
b. 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.

John D. Roe, Jr.  
NAME OF APPLICANT (Type or Print)

John D. Roe, Jr.  
SIGNATURE OF APPLICANT

TITLE: Engineering Manager

DATE: 03/25/03

FOR DIVISION USE ONLY

APPROVED: ☒

DISAPPROVED: ☐

The information contained herein includes all of the information required to be filed by the applicant under  
Subpart C of Part 270 of the FERC regulations.

EXAMINER: [Signature]

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

- A1 ☐ occluded natural gas from coal seams.  
A2 ☐ natural gas from Devonian shale.  
A3 ☒ natural gas from a designated tight formation. NM36

**B. FOR ALL APPLICATIONS FOR DETERMINATION PROVIDE THE FOLLOWING:**

1. Well Name and No.\* Mae Gale Com #1E

2. Completed in (Name of Reservoir) \* Dakota

3. Field \* Basin Dakota Prorated Gas Pool (71599)

4. County \* San Juan

5. State \* New Mexico

6. API Well No. (14 digits maximum. If not assigned, leave blank.)

30-045-24315

9. Measured Depth of the Completed Interval (in feet)  
TOP 6086' BASE 6220'

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

1. Applicant's Name \* Dugan Production Corp.

2. Street \* P. O. Box 420

3. City \* Farmington

4. State\* New Mexico

5. Zip Code 87499-0420

6. Name of Person Responsible \* John D. Roe, Jr.

7. Title of Such Person \* Engineering Manager

8. Signature *John D. Roe, Jr.* and Phone No. ( 505 ) 325 - 1821

\* SIGNIFIES THAT LINE ENTRY MAY CONTAIN UP TO 35 LETTERS AND/OR NUMBERS.

## APPLICATION FOR DETERMINATION

### GENERAL INSTRUCTIONS

- 1. Purpose:** This form is to be used to provide basic data on each application for a well category determination that is filed with a Jurisdictional Agency to qualify the natural gas produced from such well as (a) occluded natural gas produced from coal seams, under section 107(c)(3) of the Natural Gas Policy Act of 1978 [15 U.S.C. 3301] (NGPA), (b) natural gas produced from Devonian shale, under section 107(c)(4) of the NGPA, or (c) natural gas produced from a designated tight formation, under section 107(c)(5) of the NGPA, in order to substantiate the eligibility of such natural gas for a tax credit under Section 29 of the Internal Revenue Code. The Commission will use this data, together with the other information contained in the Jurisdictional Agency's notice of determination, to evaluate whether substantial evidence exists to support the determination.
- 2. Who must submit:** Anyone who files an application with a Jurisdictional Agency identified under Section 270.401 of the Commission's Regulations for a well category determination.
- 3. What and where to submit:** The original of this form, and all of the information required by Section 270.302, 270.303, 270.304, or 270.306 of the Commission's Regulations must be filed with the Jurisdictional Agency. The Jurisdictional Agency making a determination must file the original of this form, with all of the other information required under the applicable Commission Regulations, with the **Office of the Secretary, Federal Energy Regulatory Commission, 888 First Street, N.E., Washington D.C. 20426**. Applicants should retain one copy of each completed form for their files for 4 years.
- 4. These are mandatory filing requirements.**
- 5. The data on this form are not considered confidential and will not be treated as such.**
- 6. Where to send comments on the public reporting burden:** The public reporting burden for this collection of information is estimated to average 0.25 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments regarding this burden estimate, or any aspect of this collection of information, including suggestions for reducing this burden, to the Federal Energy Regulatory Commission, 888 First Street, N.E., Washington D.C. 20426 (Attention: Mr. Michael Miller, CI-1) and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Washington D.C. 20503 (Attention: Desk Officer for the Federal Energy Regulatory Commission). Persons subject to providing this information will not be penalized for failing to respond to these collections of information unless the collection of information displays a valid OMB control number.

Statement by  
John D. Roe, Jr.  
Application for Section 107 Tight Formation Gas Determination  
Dugan Production Corp.'s Mae Gale Com No. 1E (API No. 30-045-24315)  
Basin Dakota Prorated Gas Pool  
Unit M Section 24, T29N, R11W  
San Juan County, New Mexico

I make the following statement under oath. Natural gas produced from Dugan's Mae Gale Com No. 1E is being produced from a designated tight formation through a well, the surface drilling of which began after December 31, 1979, but before January 1, 1993. In addition, I have no knowledge of any information which is inconsistent with this application.

John D. Roe, Jr.  
John D. Roe, Jr., P. E.  
March 25, 2003

STATE OF NEW MEXICO     )  
                                      ) ss.  
COUNTY OF SAN JUAN     )

The foregoing instrument was acknowledged before me this 25th day of March, 2003 by John D. Roe, Jr., Engineering Manager of Dugan Production Corp., a New Mexico corporation, on behalf of said corporation.

My Commission Expires  
08/11/04

Cynthia Sweetland  
Cynthia Sweetland  
Notary Public

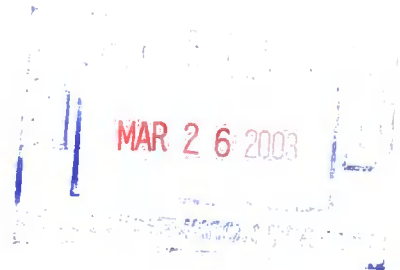


# dugan production corp.

March 25, 2003

Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87504

Re: NGPA Category Determination (107TF)  
Dugan Production's Mae Gale Com #1E (API No. 30-045-24315)  
Basin Dakota Prorated Gas Pool  
Unit M Sec. 24, T29N, R11W  
San Juan County, New Mexico



Dear Mr. Stogner,

Enclosed for your consideration is Dugan's application, requesting a Section 107, tight formation, NGPA category determination for the captioned well.

Enclosed are the following items:

- a. Completed FERC Form 121.
- b. Completed NMOCD Form C-132.
- c. Dugan's check in the amount of \$25.00 for the NMOCD filing fee.
- d. Copy of all well completion reports which includes NMOCD Form C-104 dated 9/9/92 changing the operator from Texaco (Getty) to Dugan Production effective 9/1/92.
- e. Copy of the well location plat (NMOCD Form C-102), which presents the surface location for the Mae Gale Com #1E, along with the W/2 320 acre spacing unit for the Basin Dakota completion. This location is within the tight sand area designated by NM36.
- f. Copy of the Induction Electric Log over the Dakota interval.
- g. My statement regarding spud date of the subject well.

Should you have questions or need additional information, please let me know.

Sincerely,

John D. Roe  
Engineering Manager

JDR/tmf

Enclosures



NO. 100-1  
dugan production corp.

P.O. BOX 420 - FARMINGTON, N.M. 87499-0420 - (505) 325-1821

Check Date : 3/25/2003

Check # 80429 jr/tmf

Inv No	Date	Description	G/L Account	Amount
	3/18/2003	Application fee for Category Determination NGPA Section 107 Tight Sand Mae Gale Com No. 1E (30-045-24315)		\$ 25.00
Check Total:				\$ 25.00

DUG 102 (5/02)

VERIFY THE AUTHENTICITY OF THIS MULTI-TONE SECURITY DOCUMENT. CHECK BACKGROUND AREA CHANGES COLOR GRADUALLY FROM TOP TO BOTTOM.



**dugan production corp.**  
P.O. BOX 420 - FARMINGTON, N.M. 87499-0420 - (505) 325-1821

WELLS FARGO  
Farmington, New Mexico 87401

95-219  
1070

**080429**

**3/25/2003**

\*\*\*\*\* Twenty-five dollars & no/100's

\$ 25.00

New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87504

TO  
THE  
ORDER  
OF

*Cynthia Sweetland*

080429 1070021921 9892010194

-521

# Official Receipt

Received from: RC - Dugan Prod Corp.

Date: 3/27

19 03

Dollar Amount 50,00

**TOTAL**

50.00

## NGPA Filing Fees

By

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

04/29/03 08:56:32  
OGOMES -TPRP

API Well No : 30 45 24315 Eff Date : 06-01-1981 WC Status : A  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 6515 DUGAN PRODUCTION CORP  
Prop Idn : 3687 MAE GALE COM

Well No : 001E  
GL Elevation: 5443

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : M	24	29N	11W	FTG	790 F S	FTG 790 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 04/29/03 08:56:40  
 OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPRP  
 Page No : 1

API Well No : 30 45 24315 Eff Date : 04-30-1991  
 Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
 Prop Idn : 3687 MAE GALE COM Well No : 001E  
 Spacing Unit : 31707 OCD Order : Simultaneous Dedication:  
 Sect/Twp/Rng : 24 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	24	29N	11W	40.00	N	FE				
D	24	29N	11W	40.00	N	FE				
E	24	29N	11W	40.00	N	FE				
F	24	29N	11W	40.00	N	FE				
K	24	29N	11W	40.00	N	FE				
L	24	29N	11W	40.00	N	FE				
M	24	29N	11W	40.00	N	FE				
N	24	29N	11W	40.00	N	FE				

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

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/29/03 08:56:06  
OGOMES -TPRP  
PAGE NO: 1

Sec : 24 Twp : 29N Rng : 11W Section Type : NORMAL

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

04/29/03 08:56:12  
OGOMES -TPRP  
PAGE NO: 2

Sec : 24 Twp : 29N Rng : 11W Section Type : NORMAL

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

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

5NMOCD

1 File

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-104  
Revised 1-1-89  
See Instructions  
at Bottom of PageSubmit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240DISTRICT II  
P.O. Drawer 110, Artesia, NM 88210DISTRICT III  
300 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

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

1- Conoco-midland

1- E.M. Hartman

1- Koch Ind. Inc.

1- McLane David G. TR.

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator <b>DUGAN PRODUCTION CORP.</b>	Well API No. 30 045 24315
Address <b>P.O. Box 420, Farmington, NM 87499</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input checked="" type="checkbox"/> Change in Operator <input type="checkbox"/> Change of operator give name and address of previous operator	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>	
Effective 9/1/92	
Texaco Exploration & Production Inc., 3300 North Butler, Farmington, NM 87401	

## I. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Mae Gale Com</b>	Well No. <b>1E</b>	Pool Name, Including Formation <b>Basin Dakota</b>	Kind of Lease State, Federal or <u>Fee</u>	Lease No.
Location Unit Letter <b>M</b> : <b>790</b> Feet From The <b>South</b> Line and <b>790</b> Feet From The <b>West</b> Line Section <b>24</b> Township <b>29N</b> Range <b>11W</b> , NMPM, <b>San Juan</b> County				

## II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <b>Giant Refining Inc.</b>	<input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 256, Farmington, NM 87499</b>				
Name of Authorized Transporter of Casinghead Gas <b>El Paso Natural Gas Co.</b>	<input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) <b>P.O. Box 4990, Farmington, NM 87499</b>				
If well produces oil or liquids, give location of tanks.	Unit <b>M</b>	Sec. <b>24</b>	Twp. <b>29N</b>	Rge. <b>11W</b>	Is gas actually connected? <b>yes</b>	When?

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

## V. COMPLETION DATA

Designate Type of Completion - (X)	<input type="checkbox"/> Oil Well	<input type="checkbox"/> Gas Well	<input type="checkbox"/> New Well	<input type="checkbox"/> Workover	<input type="checkbox"/> Deepen	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Same Res'v	<input type="checkbox"/> 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.

*Jim L. Jacobs*  
Signature  
**Jim L. Jacobs**  
Printed Name  
**9/9/92**  
Date  
**Geologist**  
Title  
**325-1821**  
Telephone No.

## OIL CONSERVATION DIVISION

Date Approved **SEP 10 1992**By *David G. McLane*SUPERVISOR DISTRICT **13**

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.



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  
ON JAN 21 1991  
RECEIVED  
'91 JUL 17 PM 1

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator Texaco Exploration and Production Inc.	Well API No. 30 045 24315
Address 3300 North Butler Farmington, New Mexico 87401	
Reason(s) for Filing (Check proper box) <input checked="" type="checkbox"/> Other (Please explain) EFFECTIVE 6-1-91	
New Well <input type="checkbox"/>	Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Recompletion <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	
If change of operator give name and address of previous operator Texaco Producing Inc. 3300 North Butler Farmington, New Mexico 87401	

II. DESCRIPTION OF WELL AND LEASE

Lease Name MAE GALE COM	Well No. 1E	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee FEE	Lease No. 247490
Location Unit Letter M : 1460 790 Feet From The SOUTH Line and 1460 790 Feet From The WEST Line Section 24 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 type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4289 Farmington, NM 87499-4289				
Name of Authorized Transporter of Casinghead Gas El Paso Natural Gas Company	<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 990 Farmington, NM 87499				
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 24	Twp. 29N	Rge. 11W	Is gas actually connected? YES	When? 06/23/81

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
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	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.

K. M. Miller  
Signature K. M. Miller Div. Opers. Engr.  
Printed Name April 25, 1991 Title  
Date Telephone No. 915-688-4834

OIL CONSERVATION DIVISION

Date Approved MAY 22 1991

By Brian J. Shum  
Title SUPERVISOR 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 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 OIL CONSERVATION DIVISION  
P.O. Box 2088  
Santa Fe, New Mexico 87504-2088  
RECEIVED

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

'89 OCT 12 AM 9 07

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator TEXACO INC.		Well API No.	
Address 3300 N. Butler, Farmington, NM 87401			
Reason(s) for Filing (Check proper box)		<input type="checkbox"/> Other (Please explain) Previous transporter was	
New Well <input type="checkbox"/>	Change in Transporter of:	Giant Industries Inc., now it is	
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>	Meridian Oil Company effective 10/01/89.	
Change in Operator <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>		
If change of operator give name and address of previous operator			

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mae Gale Com	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease Fee State, Federal or Fee	Lease No. 48149
Location Unit Letter M : 790 Feet From The S Line and 790 Feet From The W Line Section 24 Township 29N Range 11W, 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"/>	Address (Give address to which approved copy of this form is to be sent)					
Meridian Oil Company	P. O. Box 4289, Farmington, NM 87499					
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)					
El Paso Natural Gas Co.	P. O. Box 990, Farmington, NM 87401					
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 24	Tw. 29N	Rge. 11W	Is gas actually connected? yes	When? 6/23/81

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
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 (puot, 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.

SIGNED: A. A. KLEIER  
Signature  
Printed Name  
Date  
Area Manager  
Title  
Telephone No.

OIL CONSERVATION DIVISION

Date Approved SEP 28 1989  
By  
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.



NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

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

I. OPERATOR	
Operator TEXACO INC.	
Address P. O. Box EE, Cortez, CO. 81321	
Reason(s) for filing (Check proper box)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>
	Dry Gas <input type="checkbox"/>
	Condensate <input checked="" type="checkbox"/>
Other (Please explain) Previous transporter was Gary Energy Corp., now it is Giant Industries Inc.	

If change of ownership give name and address of previous owner \_\_\_\_\_

II. DESCRIPTION OF WELL AND LEASE

Lease Name Mae Gale Com	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Lease No. 48149
Location				
Unit Letter <u>M</u> ; <u>790</u> Feet From The <u>S</u> Line and <u>790</u> Feet From The <u>W</u>				
Line of Section <u>24</u> Township <u>29N</u> Range <u>11W</u> , NMPM, <u>San Juan</u> 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"/>	Address (Give address to which approved copy of this form is to be sent)
Giant Industries Inc. Refinery	P. O. Box 9156, Phoenix, AZ 85068
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)
El Paso Natural Gas Co.	P. O. Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rge. Is gas actually connected? When
M 24 29N 11W	yes 6/23/81

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.
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/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.

SIGNED: A. A. KLEIER

(Signature)

AREA SUPERINTENDENT

(Title)

APR 20 1987

(Date)

OIL CONSERVATION COMMISSION

APPROVED

BY

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 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.

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

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 1-1-85

Operator TEXACO INC.	
Address P.O. Box EE, Cortez, CO. 81321	
Reason(s) for filing (Check proper box)	
New Well <input 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 checked="" type="checkbox"/>
Other (Please explain) Previous transporter was Permian, now it is Gary Energy Corp.	

If change of ownership give name and address of previous owner \_\_\_\_\_

DESCRIPTION OF WELL AND LEASE				
Lease Name Mae Gale Com	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Lease No. 48149
Location				
Unit Letter M	790	Feet From The South	Line and 790	Feet From The West
Line of Section 24	Township 29N	Range 11W	NMPM, San Juan	County

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) 115 Inverness Dr., Englewood, CO. 80112					
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) P.O. Box 990, Farmington, NM 87499					
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 24	Twp. 29N	Rge. 11W	Is gas actually connected? Yes	When 6/23/81

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

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			

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		OIL CON. DIV. DIST. 3	
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

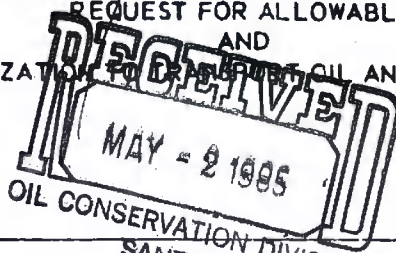
I. CERTIFICATE OF COMPLIANCE		OIL CONSERVATION COMMISSION	
I hereby certify that the rules and regulations of the Oil Conservation Commission have been complied with and that the information given above is true and complete to the best of my knowledge and belief.		APPROVED _____ BY _____ TITLE _____	
SIGNED A. R. MARX (Signature) AREA SUPERINTENDENT (Title) 10/10/86 (Date)		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	



NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
TRANSPORTER	OIL	
	GAS	
OPERATOR		
PRORATION OFFICE		

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

Form C-104  
Supersedes Old C-104 and C-1  
Effective 1-1-85



Operator	Texaco Inc., Operator for Texaco Producing Inc. (TPI)		
Address	4601 DTC Blvd., Denver, Colorado 80237		
Reasons for filing (Check proper box)	Other (Please explain)		
New Well <input type="checkbox"/>	Change in Transporter of:	Change of Operator from Getty Oil Company to Texaco Inc. (Operator for TPI)	
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	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.
Mae Gale Com.	1E	Basin Dakota	State, Federal or Fee Fee	
Location				
Unit Letter	M	790 Feet From The	South Line and	790 Feet From The West
Line of Section	24	Township	29N	Range 11W, NMFM, 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"/>	Address (Give address to which approved copy of this form is to be sent)					
Permian Corp.	P. O. Box 1528, Denver, CO. 80201					
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)					
El Paso Natural Gas Co.	P. O. Box 990, Farmington, NM. 87499					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Pge.	Is gas actually connected?	When
	M	24	29N	11W	Yes	6-23-81

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

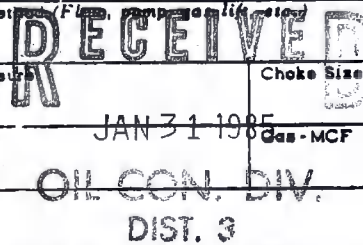
IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res't.	Diff. Res't.
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, or lift)	
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 (puot, 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.

Frank J. [Signature]  
(Signature)  
District Manager/Farmington  
(Title)  
1/28/85  
(Date)

OIL CONSERVATION COMMISSION

APPROVED JAN 31 1985  
BY Frank J. [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 deepen 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 all wells 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 multiphase completed wells.

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	
Operator	

AUG 31 1984

Getty Oil Company

Address

P.O. Box 3360, Casper, Wyoming 82602

Reason(s) for filing (Check proper box)

New Well ☐  
Recompletion ☐  
Change in Ownership ☐

Change in Transporter of:

Oil ☐ Dry Gas ☐  
Casinghead Gas ☐ Condensate ☒

Other (Please explain)

Previous transporter was Giant Refining

If change of ownership give name  
and address of previous owner

## II. DESCRIPTION OF WELL AND LEASE

Lease Name Mae Gale Com.	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No. 48149
Location Unit Letter <u>M</u> : <u>790</u> Feet From The <u>south</u> Line and <u>790</u> Feet From The <u>west</u> Line of Section <u>24</u> Township <u>29N</u> Range <u>11W</u> , 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"/> Permian Corporation	Address (Give address to which approved copy of this form is to be sent) P.O. Box 1528, Denver, CO 80201					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P.O. Box 990, Farmington, NM 87499					
If well produces oil or liquids, give location of tanks.	Unit M	Sec. 24	Twp. 29N	Rge. 11W	Is gas actually connected? Yes	When 6-23-81

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 Rest'v.	Diff. 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 lost 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

## 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 above is true and complete to the best of my knowledge and belief.

Area Superintendent

8-22-84

(Date)

OIL CONSERVATION DIVISION

APPROVED

BY

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 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. Forms C-104 must be filed for each pool in multiple



OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-104  
Revised 10-1-78REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

1. OPERATOR	
Operator <u>Getty Oil Company</u>	
Address <u>P.O. Box 3360, Casper, WY 82602</u>	
Reason(s) for filing (Check proper box)	
New Well <input type="checkbox"/>	Change in Transporter of:
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/>
Change in Ownership <input type="checkbox"/>	Casinghead Gas <input type="checkbox"/>
	Dry Gas <input type="checkbox"/>
	Condensate <input checked="" type="checkbox"/>
Other (Please explain) <u>Previous Transporter was Permian Corp.</u>	
If change of ownership give name and address of previous owner _____	

## II. DESCRIPTION OF WELL AND LEASE

Lease Name <u>Mae Gale Comm.</u>	Well No. <u>1-E</u>	Pool Name, including Formation <u>Basin Dakota</u>	Kind of Lease State, Federal or Fee <u>Fee</u>	Lease No. <u>48149</u>
Location				
Unit Letter <u>M</u>	<u>790</u> Feet From The <u>South</u>	Line and <u>790</u> Feet From The <u>West</u>		
Line of Section <u>24</u>	Township <u>29N</u>	Range <u>11W</u>	<u>NMPM.</u>	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"/>	Address (Give address to which approved copy of this form is to be sent)	
<u>Giant Refining Co.</u>	<u>P.O. Box 256, Farmington, NM 87401</u>	
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)	
<u>El Paso Natural Gas</u>	<u>P.O. BOX 990, Farmington, NM 87401</u>	
If well produces oil or liquids, give location of tanks.	Unit <u>M</u>	Sec. <u>24</u>
	Twp. <u>29N</u>	Rge. <u>11W</u>
	Is gas actually connected? <u>Yes</u>	When <u>6-23-81</u>

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

## V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. 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 <u>SANTA FE</u>	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

## VI. 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 (e.g., pumpjack, 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

## I. 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.

  
(Signature)

Area Superintendent

(Title)

12-31-81

(Date)

## OIL CONSERVATION DIVISION

APPROVED JAN 6 1982, 19BY Charles HolmanTITLE 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 deviatric 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.

9-22-81  
EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO

NOTICE OF GAS CONNECTION

DATE July 1, 1981

THIS IS TO NOTIFY THE OIL CONSERVATION COMMISSION THAT CONNECTION FOR PURCHASE OF

GAS FROM <u>Getty Oil Company</u>		<u>Mae Gale Com #1-E</u>	
Operator		Well Name	
<u>93-774-01</u>	<u>73079-51</u>	<u>M</u>	<u>24-29-11</u>
Meter Code	Site Code	Well Unit	S-T-R
<u>Basin Dakota</u>		<u>El Paso Natural Gas Company</u>	
Pool		Name of Purchaser	
WAS MADE ON <u>6-23-81</u>		FIRST DELIVERY <u>6-24-81</u>	
Date		Date	
AOF <u>761</u>			
CHOKE <u>700</u>			

El Paso Natural Gas Company  
Purchaser*[Signature]*  
RepresentativeChief Dispatcher  
Titlecc: Operator  
Oil Conservation Commission - 2  
Proration - El Paso

File

045

P





/ MEXICO OIL CONSERVATION COMM ON  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special					Test Date <b>2-13-81</b>	
Company <b>Getty Oil Co.</b>				Connection <b>Not Connected</b>		
Pool <b>Basin</b>				Formation <b>Dakota</b>		Unit
Completion Date <b>3-4-81</b>		Total Depth <b>6426</b>		Plug Back TD <b>6381</b>		Elevation <b>5441 G.L.</b>
Csg. Size <b>5.500</b>		Wt. <b>15.5</b>	d <b>4.950</b>	Set At <b>6426</b>	Perforations: From <b>6086</b> To <b>6220</b>	
Tbg. Size <b>2.375</b>		Wt. <b>4.70</b>	d <b>1.995</b>	Set At <b>6163</b>	Perforations: From <b>Open</b> To <b>Ended</b>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Single Gas</b>					Packer Set At	
Producing Thru <b>Tubing</b>				Reservoir Temp. °F <b>@</b>		Mean Annual Temp. °F <b>12.0</b>
Baro. Press. - P <sub>a</sub> <b>12.0</b>				State <b>New Mexico</b>		
L <b>6163</b>	H <b>6163</b>	Gg <b>.720</b>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S	Prover <b>2.000</b>
						Meter Run
						Taps
FLOW DATA				TUBING DATA		CASING DATA
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F
SI						
1.	2.000 x .750					
2.	2.000 x .750					
3.	2.000 x .750					
4.						
5.						
RATE OF FLOW CALCULATIONS						
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor P <sub>t</sub>	Gravity Factor G <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>
1	11.000		132	1.179	1.016	1739
2	11.000		66	1.179	1.000	856
3	11.000		54	1.000	1.000	700
4.						
5.						
NO.	P <sub>t</sub>	Temp. °R	Z	Gas Liquid Hydrocarbon Ratio <b>761 to 1</b> Mcf/bbl.		
1.				A.P.I. Gravity of Liquid Hydrocarbons <b>61 @ 60</b> Deg.		
2.				Specific Gravity Separator Gas <b>XXXXXXX</b>		
3.				Specific Gravity Flowing Fluid <b>XXXXX</b>		
4.				Critical Pressure <b>P.S.I.A.</b> P.S.I.A.		
5.				Critical Temperature <b>R</b> R		
P <sub>c</sub> <b>1052</b> P <sub>c</sub> <sup>2</sup> <b>1106704</b>				(1) $\frac{P_c^2}{P_c^2 - R_w^2} = 1.1182$ (2) $\left[ \frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 1.0874$		
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		
1						
2						
3	2916	342	11694	987740	AOF = Q $\left[ \frac{P_c^2}{P_c^2 - R_w^2} \right]^n = 761$	
4						
5						
Absolute Open Flow <b>761</b> Mcfd @ 15.025				Angle of Slope $\theta$		Slope, n
Remarks:						
Approved By Commission:		Conducted By: <b>Paul D. Bernost</b>		Calculated By: <b>Paul D Bernost</b>		Checked By:

OIL CONSERVATION DIVISION

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.U.B.	
LAND OFFICE	
TRANSPORTER	OIL
	GAS
OPERATOR	
PRODUCTION OFFICE	

Operator Getty Oil Company	
Address P. O. Box 3360, Casper, Wyoming 82602	
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

I. DESCRIPTION OF WELL AND LEASE

Lease Name Mae Gale Comm.	Well No. 1-E	Pool Name, Including Formation SANTA FE Basin Dakota	Kind of Lease State, Federal or Fee	Lease No. 48149
Location				
Unit Letter <u>M</u> ; <u>790</u> Feet From The <u>South</u> Line and <u>790</u> Feet From The <u>West</u>				
Line of Section <u>24</u> Township <u>29N</u> Range <u>11W</u> , NMPM, <u>San Juan</u> County				

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS

Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
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)
El Paso Natural Gas Co.	P. O. Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks.	Is gas actually connected? When
	NO

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

V. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
		X	X					
Date Spudded 12-19-80	Date Compl. Ready to Prod. 3-13-81	Total Depth 6426'		P.B.T.D. 6381'				
Elevations (DF, RKB, RT, GR, etc.) 5443' GR	Name of Producing Formation Dakota	Top Oil/Gas Pay 6068'		Tubing Depth 6163'				
				Depth Casing Shoe 6125'				

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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. 48149
7. Unit Agreement Name
8. Farm or Lease Name Mae Gale Com
9. Well No. 1-E
10. Field and Pool, or Wildcat Basin Dakota
12. County San Juan

## 1a. TYPE OF WELL

OIL WELL ☐GAS WELL ☒DRY ☐

OTHER

## b. TYPE OF COMPLETION

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐

OTHER

## 2. Name of Operator

Getty Oil Company

## 3. Address of Operator

P.O. Box 3360, Casper, Wyoming 82602

## 4. Location of Well

UNIT LETTER m LOCATED 790 FEET FROM THE South LINE AND 790 FEET FROMTHE West LINE OF SEC. 26 TWP. 29N RGE. 11W NMPM

15. Date Spudded 12-19-80	16. Date T.D. Reached 1-4-81	17. Date Compl. (Ready to Prod.) 3-13-81	18. Elevations (DF, RKB, RT, GR, etc.) 5443' (GR) 5454' (KB)	19. Elev. Casinghead -
------------------------------	---------------------------------	---	---	---------------------------

20. Total Depth 6426'	21. Plug Back T.D. 6381'	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools 0'-6426'	Cable Tools -
--------------------------	-----------------------------	---------------------------------------	--	------------------

## 24. Producing Interval(s), of this completion - Top, Bottom, Name

Dakota 6086'-6220'

## 25. Was Directional Survey Made

Yes

## 26. Type Electric and Other Logs Run

CDL-SNL-GR, DIL-SP, CBL

## 27. Was Well Cored

No

## 28. 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	283'	12 14/16"	300' Sx	
5 1/2"	15.5 & 14	6425'	7 7/8"	2500' Sx	

## 29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	6163'	-

## 31. Perforation Record (Interval, size and number)

With 43 - 0.40" holes from 6086'-6220'

6086-93  
6153-79  
6210-20

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
6086'-6220'	Acidized w/ 3700 gal 15% Hcl acid, Fraced w/ 114,180 gals N <sub>2</sub> slickwater & 86,000# 20-40 sand.

## 3. PRODUCTION

Date First Production 3-3-81		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Shut in	
Date of Test 3-13-81	Hours Tested 3	Choke Size	Prod'n. Per Test Period →	Oil - bbl. -	Gas - MCF 137	Water - Bbl. -	Gas - Oil Ratio -
Flow Tubing Press. 42	Casing Pressure 330	Calculated 24-Hour Rate →	Oil - bbl. -	Gas - MCF 700	Water - Bbl. -	Oil Gravity - API (Corr.) -	

## 4. Disposition of Gas (Sold, used for fuel, vented, etc.)

Vented

## Test Witnessed By

Paul Berhost

## 5. 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

TITLE Engineer

DATE 3-30-81

## INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1105.

## INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

## Southeastern New Mexico

## Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "D" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>1660'</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>3250'</u>	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>5212'</u>	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>5963'</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <u>6068'</u>	T. _____
T. Blinbry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

## OIL OR GAS SANDS OR ZONES

No. 1, from 6086' to 6220' No. 4, from \_\_\_\_\_ to \_\_\_\_\_

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ No. 5, from \_\_\_\_\_ to \_\_\_\_\_

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ No. 6, from \_\_\_\_\_ to \_\_\_\_\_

## IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 2, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 3, from \_\_\_\_\_ to \_\_\_\_\_ feet

No. 4, from \_\_\_\_\_ to \_\_\_\_\_ feet

## FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
1660'	1710'	50	Pictured Cliffs				
2760'	2795'	35	Chacra				
3250'	4360'	1110	Mesaverde				
5212'	-	-	Gallup				
5963'	6027'	64	Greenhorn				
6027'	6068'	41	Graneros				
6068'	6220'	152	Dakota				



**MEXICO OIL CONSERVATION COMMISSION  
MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL**

Form C-122  
Revised 9-1-65

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special						Test Date <b>2-13-81</b>	
Company <b>Getty Oil Co.</b>				Connection <b>Not Connected</b>			
Pool <b>Basin</b>				Formation <b>Dakota</b>		Unit	
Completion Date <b>3-4-81</b>		Total Depth <b>6426</b>		Plug Back TD <b>6381</b>		Elevation <b>5441 G.L.</b>	
Csg. Size <b>5.500</b>		Wt. <b>15.5</b>		Set At <b>4.950</b>		Perforations: <b>6426</b>	
Tbg. Size <b>2.375</b>		Wt. <b>4.70</b>		Set At <b>1.995</b>		Perforations: <b>6163</b>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Single Gas</b>				Packer Set At		County <b>San Juan</b>	
Producing Thru Tubing		Reservoir Temp. °F @		Mean Annual Temp. °F		Baro. Press. - P <sub>a</sub> <b>12.0</b>	
State <b>New Mexico</b>		L <b>6163</b>		H <b>6163</b>		Prover <b>2.000</b>	
Gg <b>.720</b>		% CO <sub>2</sub>		% N <sub>2</sub>		% H <sub>2</sub> S	
Meter Run		Taps					

FLOW DATA						TUBING DATA		CASING DATA		Duration of Flow
NO.	Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h <sub>w</sub>	Temp. °F	Press. p.s.i.g.	Temp. °F	Press. p.s.i.g.	
SI							1040		1035	
1.	2.000 x .750						120	60	533	
2.	2.000 x .750						54	60		
3.	2.000 x .750						42	60		
4.										
5.										

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor F <sub>t</sub>	Gravity Factor F <sub>g</sub>	Super Comp. Factor F <sub>sc</sub>	Rate of Flow Q, Mcfd
1	11.000		132	1.000	1.179	1.016	1739
2	11.000		66	1.000	1.179	1.000	856
3	11.000		54	1.000	1.179	1.000	700
4							
5							

NO.	P <sub>r</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio <b>761 to 1</b> Mcf/bbl.
1.					A.P.I. Gravity of Liquid Hydrocarbons <b>61 @ 60</b> Deg.
2.					Specific Gravity Separator Gas <b>XXXXXXX</b>
3.					Specific Gravity Flowing Fluid <b>XXXXX</b>
4.					Critical Pressure <b>P.S.I.A.</b> <b>P.S.I.A.</b>
5.					Critical Temperature <b>R</b> <b>R</b>

P <sub>c</sub> <b>1052</b>	P <sub>c</sub> <sup>2</sup> <b>1106704</b>	(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1182$	(2) $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.0874$
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>
1			
2			
3	2916	342	11694
4			
5			

Absolute Open Flow <b>761</b> Mcfd @ 15.025		Angle of Slope <b>°</b>	Slope, n
Remarks:			

Approved By Commission:	Conducted By: <b>Paul D. Berhost</b>	Calculated By: <b>Paul D Berhost</b>	Checked By:
-------------------------	--------------------------------------	--------------------------------------	-------------

NO. OF COPIES RECEIVED		
DISTRIBUTION		
SANTA FE		
FILE		
U.S.G.S.		
LAND OFFICE		
OPERATOR		

NEW MEXICO OIL CONSERVATION COMMISSION

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

ON 2/18/81  
JF 2-19-81  
MAE 3-19-81  
FILE

<p align="center"><b>SUNDRY NOTICES AND REPORTS ON WELLS</b></p> <p align="center"><small>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.</small></p>		<p>5a. Indicate Type of Lease State <input type="checkbox"/> Fee <input checked="" type="checkbox"/></p> <p>5. State Oil &amp; Gas Lease No.</p>
<p>1. <input type="checkbox"/> OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER</p> <p>2. Name of Operator GETTY OIL COMPANY</p> <p>3. Address of Operator P. O. BOX 3360, CASPER, WY 82602</p> <p>4. Location of Well UNIT LETTER <u>M</u> <u>790</u> FEET FROM THE <u>South</u> LINE AND <u>790</u> FEET FROM THE <u>West</u> LINE, SECTION <u>24</u> TOWNSHIP <u>29N</u> RANGE <u>11W</u> NMPM.</p>		<p>7. Unit Agreement Name</p> <p>8. Farm or Lease Name MAE GALE COM.</p> <p>9. Well No. 1-E</p> <p>10. Field and Pool, or Wildcat Basin Dakota</p> <p>12. County San Juan</p>
<p>15. Elevation (Show whether DF, RT, GR, etc.) 5443' GR</p>		

<p>16. Check Appropriate Box To Indicate Nature of Notice, Report or Other Data</p> <p>NOTICE OF INTENTION TO:</p> <p>PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input type="checkbox"/></p> <p>TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> COMMENCE DRILLING OPNS. <input checked="" type="checkbox"/> PLUG AND ABANDONMENT <input type="checkbox"/></p> <p>PULL OR ALTER CASING <input type="checkbox"/> OTHER <input type="checkbox"/> CASING TEST AND CEMENT JOB <input checked="" type="checkbox"/></p> <p>OTHER <input type="checkbox"/></p>		<p>SUBSEQUENT REPORT OF:</p>
---	--	------------------------------

17. 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.

Spud Date 3:15 A.M. 12-19-80

Set Casing as follows:

Hole Size	Casing Size	Wt. Per Ft.	Setting Depth	SKs Cement
12 1/4"	8 5/8"	24#	283'	300 (Circ. to Surf.)
7 7/8"	5 1/2"	15.5# & 14#	6425'	2300 (Circ. Cement on each of 3 DV Stages)

TD 6426 1-7-81

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

SIGNED Charles E. Mowry TITLE Area Engineer DATE 2/3/81

APPROVED BY Frank B. Long TITLE SUPERVISOR DISTRICT #3 DATE FEB 6 1981

CONDITIONS OF APPROVAL, IF ANY:

NO. OF COPIES RECEIVED		
DISTRIBUTION		
ANTA FE		
ILE		
.S.G.S.		
AND OFFICE		
PERATOR		

# 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	
8. Farm or Lease Name Mae Gale Com	
9. Well No. 1-E	
10. Field and Pool, or Wildcat Basin Dakota	
15. Elevation (Show whether DF, RT, GR, etc.) 5443' GR	
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-
Name of Operator Getty Oil Company		
Address of Operator P.O. Box 3360, Casper, Wyoming 82602		
Location of Well		
UNIT LETTER <u>M</u>	<u>790</u> FEET FROM THE <u>South</u> LINE AND <u>790</u> FEET FROM	
THE <u>West</u> LINE, SECTION <u>24</u>	TOWNSHIP <u>29N</u>	RANGE <u>11W</u> NMPM.

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

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

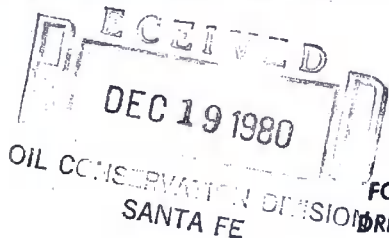
PERFORM REMEDIAL WORK <input type="checkbox"/>	PLUG AND ABANDON <input type="checkbox"/>	REMEDIAL WORK <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>	PLUG AND ABANDONMENT <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	OTHER <u>Extension of Approval to Drill</u> <input checked="" type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>	OTHER <input type="checkbox"/>

7. 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.

Due to rig availability and time required to drill, Getty Oil Requests a

90 day extension of Approval to Drill

Current approval expires 11-8-80



APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 2-6-81



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

SIGNED <u>Charles E Mowry</u>	TITLE <u>Area Engineer</u>	DATE <u>11-13-80</u>
APPROVED BY <u>Frank T. Gray</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>DEC 1 1980</u>
CONDITIONS OF APPROVAL, IF ANY:		

NO. OF COPIES RECEIVED		
DISTRIBUTION		
ANTA FE		
ILE		
I.S.G.S.		
AND OFFICE		
PERATOR		

# 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	
8. Farm or Lease Name	
Mae Gale Com	
9. Well No.	
1-E	
10. Field and Pool, or Wildcat	
Basin Dakota	
15. Elevation (Show whether DF, RT, GR, etc.)	
5443' GR	
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.)

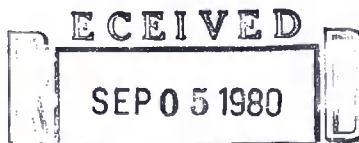
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	OTHER-
Name of Operator		
Getty Oil Company		
Address of Operator		
P.O. Box 3360, Casper, Wyoming 82602		
Location of Well		
UNIT LETTER	M	790
FET FROM THE	South	LINE AND
790		FET FROM
THE	West	LINE, SECTION
24		TOWNSHIP
29N		RANGE
11W		NMPM.

15. Elevation (Show whether DF, RT, GR, etc.)	12. County
5443' 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"/>	REMEDIAL WORK <input type="checkbox"/>
TEMPORARILY ABANDON <input type="checkbox"/>	COMMENCE DRILLING OPNS. <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	CASING TEST AND CEMENT JOB <input type="checkbox"/>
OTHER <u>Extension of Approval To Drill</u> <input checked="" type="checkbox"/>	OTHER <input type="checkbox"/>

7. 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.

Due to rig availability and time required to drill, Getty Oil requests a  
90 day extension of Approval to Drill  
Current approval expires 8-10-80



APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,  
EXPIRES 11-8-80



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

SIGNED <u>[Signature]</u>	TITLE <u>Area Superintendent</u>	DATE <u>8-18-80</u>
APPROVED BY <u>[Signature]</u>	TITLE <u>SUPERVISOR DISTRICT # 3</u>	DATE <u>AUG 29 1980</u>
CONDITIONS OF APPROVAL, IF ANY:		



NO. OF COPIES RECEIVED	5
DISTRIBUTION	
SANTA FE	1
ILE	
S.G.S.	2
AND OFFICE	
PERATOR	1

# NEW MEXICO OIL CONSERVATION COMMISSION

30-045-24315  
Form C-101  
Revised 1-1-65

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

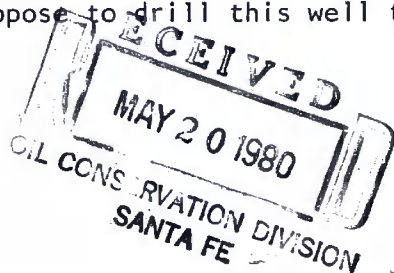
## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

Type of Work		7. Unit Agreement Name	
Type of Well		Mae Gale	
DRILL <input checked="" type="checkbox"/>	DEEPEN <input type="checkbox"/>	8. Farm or Lease Name	
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	Mae Gale Corn	
OTHER		9. Well No.	
Name of Operator		1-E	
Getty Oil Company		10. Field and Pool, or Wildcat	
Address of Operator		Basin Dakota	
Box 3360, Casper, Wyoming 82602			
Location of Well			
UNIT LETTER M	LOCATED 790	FEET FROM THE South	
790	FEET FROM THE West	LINE OF SEC. 24	
		TWP. 29N	
		RGE. 11W	
		NMPM	
		12. County	
		San Juan	
		19. Proposed Depth	
		6400'	
		19A. Formation	
		Dakota	
		20. Rotary or C.T.	
		Rotary	
Elevations (Show whether DF, RT, etc.)		21A. Kind & Status Plug. Bond	
5443' GR		Blanket	
		21B. Drilling Contractor	
		Not known	
		22. Approx. Date Work will start	
		7-29-80	

## 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"	24.0	600'	355	Surface
7 7/8"	5 1/2"	15.5 & 14.0	6400'	1105	Surface

We propose to drill this well to TD 6400' to test the Dakota Formation.



APPROVAL VALID  
FOR 90 DAYS UNLESS  
DRILLING COMMENCED,

EXPIRES 8-10-80



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

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

ed W E Ceb Title Area Superintendent Date 4-29-80

(This space for State Use)

PROVED BY Frank J. Dave TITLE SUPERVISOR DISTRICT # 3 DATE MAY 12 1980

DITIONS OF APPROVAL, IF ANY:

GOR will be used



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

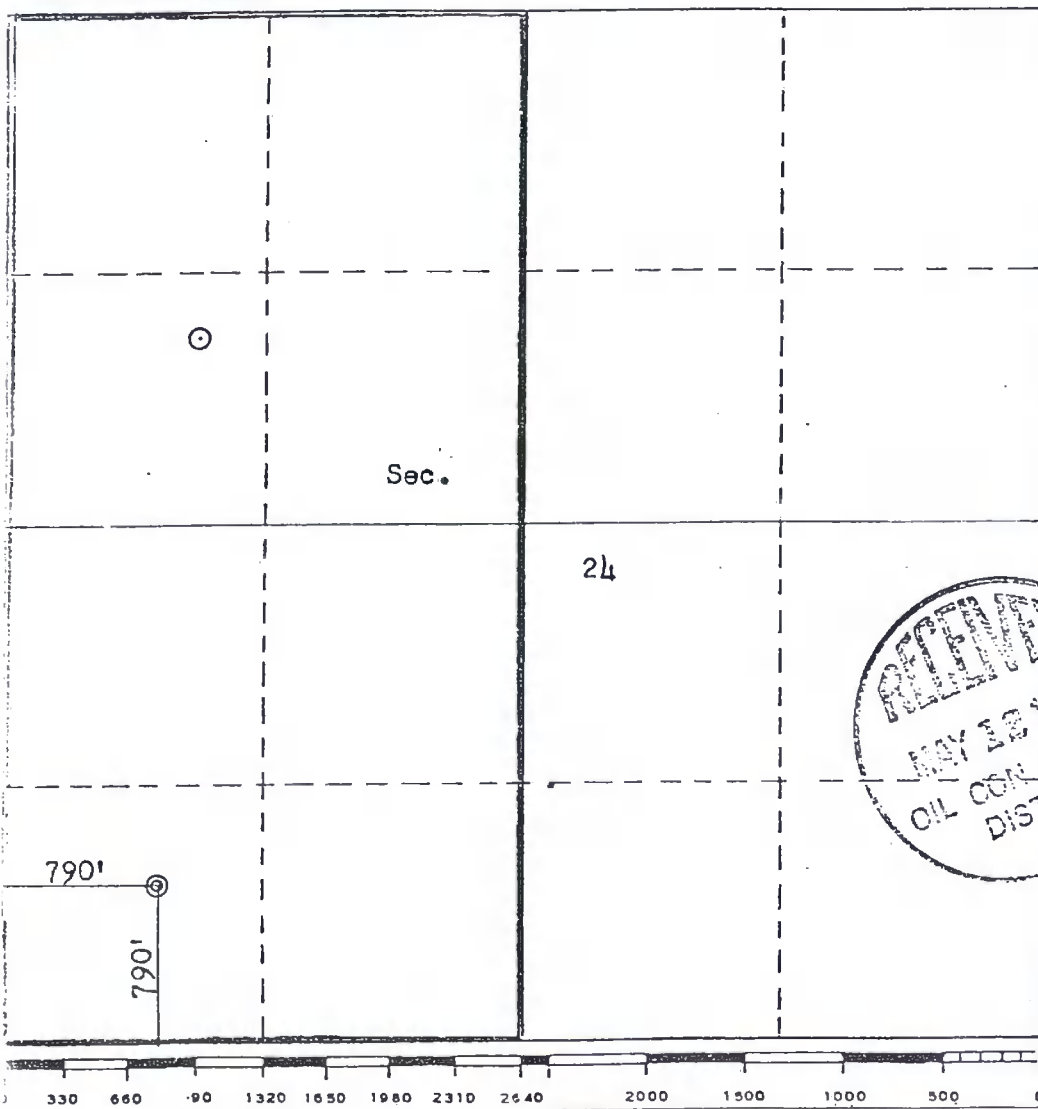
Operator <b>GETTY OIL COMPANY</b>			Lease <b>MAE GALE</b> <i>Com</i>		Well No. <b>1-E</b>
Unit Letter <b>M</b>	Section <b>24</b>	Township <b>29N</b>	Range <b>11W</b>	County <b>San Juan</b>	
Actual Footage Location of Well:					
790 feet from the <b>South</b> line and		790 feet from the <b>West</b> line			
Ground Level Elev. <b>5443</b>	Producing Formation <b>Dakota</b>	Pool <b>Basin Dakota</b>		Dedicated Acreage: <b>W 320</b> Acres	

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?

☐ Yes ☐ No If answer is "yes," type of consolidation \_\_\_\_\_

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

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

*H. E. Aab*

Name

H. E. Aab

Position

Area Superintendent

Company

Getty Oil Company

Date

4-29-80

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

Date Surveyed

April 21, 1980

Registered Professional Engineer  
and/or Land Surveyor No.

*Fred S. Kerr Jr.*

Certificate No.

3950



**Amoco Production Company**

Southern Rockies Business Unit  
Amoco Building  
1670 Broadway  
Post Office Box 800  
Denver, Colorado 80201  
303-830-4040

October 15, 1992

Allen F. Buckingham  
Minerals Division  
Bureau of Land Management  
435 Montano NE  
Albuquerque, New Mexico 87107

William J. LeMay, Director  
New Mexico Oil Conservation Division  
P. O. Box 2088  
Santa Fe, New Mexico 87504

File: CAW-194-986.511

Application for Tight Formation Designation  
Dakota Formation  
Gallegos Area Basin Dakota Pool  
San Juan County, New Mexico

Amoco Production Company hereby makes application for designation of the Dakota Formation as a "Tight Formation" pursuant to the regulations of the Federal Energy Regulatory Commission (FERC), in the following described lands in the Gallegos Area Basin Dakota Pool in San Juan County, New Mexico:

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

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

Township 28 North, Range 11 West  
Sections 7-36: All  
(Entire Township)

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

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

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

RECEIVED

OCT 19 1992

OIL CONSERVATION DIVISION

Allen F. Buckingham  
William J. LeMay  
October 15, 1992  
Page 2

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

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

Township 28 North, Range 12 West  
Sections 7-36: All  
(Entire Township)

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

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

Township 31 North, Range 12 West  
Sections 1-36: 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  
Section 3: E/2  
Section 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 35-36: All

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

Township 30 North, Range 13 West  
Sections 1-36: 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 13-14: All  
Sections 24-25: All  
Sections 35-36: All

hereafter referred to as the subject land.

Included in this application is the necessary documentation and exhibits to support the following:

1. Amoco Production Company is an operator and owner of substantial mineral interest in the subject land.
2. The Dakota Formation (i.e. the vertical limits defined by the New Mexico Oil Conservation Division in the Basin Dakota Gas Pool from the base of the Greenhorn Limestone to a point 400 feet below the base of said formation and consisting of the Graneros formation, the Dakota formation and the productive upper portion of the Morrison formation) underlies the subject land and is productive of gas and associated hydrocarbon.
3. The estimated average in situ gas permeability, throughout the pay section, is expected to be 0.1 millidarcy or less.
4. 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.
5. No well drilled into the Dakota formation is expected to produce, without stimulation, more than five barrels of crude oil per day.
6. Development of the Dakota formation will not adversely affect fresh water aquifers that may be used as domestic and agricultural water supplies.

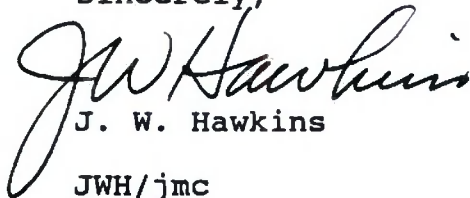
Also attached are the Affidavits of Publication of Notice in the newspapers in San Juan County, New Mexico, and a



Allen F. Buckingham  
William J. LeMay  
October 15, 1992  
Page 4

Statement of Oath signed by each participant and notarized  
as to the accuracy and interpretation of this application.

Sincerely,

A handwritten signature in cursive script, appearing to read "JW Hawkins".

J. W. Hawkins

JWH/jmc

Attachment

cc: Gary Mihaichuk  
Tom Lapinski  
Eric Nitcher  
Al Wood

# EXHIBIT 1A

## GALLEGOS TIGHT FORMATION GAS AREA - San Juan County, New Mexico

### - PROPOSED LANDS AND DAKOTA FORMATION OWNERSHIP -

<u>Lands:</u>	<u>Acres</u>	<u>Mineral Ownership:</u>	<u>Fee</u>	<u>State</u>	<u>Federal</u>	<u>Indian</u>
<u>T26N,R11W</u> All	23029.84		640.00	2558.96	15035.02	4795.86
<u>T27N,R11W</u> All	23026.91		0.00	0.00	22548.60	478.31
<u>T28N,R11W</u> All	16913.61		0.00	608.65	16304.96	0.00
<u>T29N,R11W</u> All	22793.57		10479.10	1547.77	10766.70	0.00
<u>T30N,R11W</u> All	23126.29		11074.72	2000.40	10051.17	0.00
<u>T31N,R11W</u> Secs. 2-11: All Secs. 14-21: All Secs. 28-33: All	15342.47		2081.13	1241.40	12019.94	0.00
<u>T32N,R11W</u> Secs. 28-33: All	3815.40		1021.73	640.00	2153.67	0.00
<u>T27N,R12W</u> Secs. 1-7: All Sec. 8: N/2 Sec. 9: N/2 Secs. 10-15: All	8930.32		159.94	0.00	8450.50	319.88

<u>Lands:</u>	<u>Acres</u>	<u>Mineral Ownership:</u>	<u>Fee</u>	<u>State</u>	<u>Federal</u>	<u>Indian</u>
<u>T28N,R12W</u> All	16923.33		0.00	470.40	12515.47	3937.46
<u>T29N, R12W</u> All	23022.99		8191.64	1760.00	12751.35	320.00
<u>T30N,R12W</u> All	23025.96		12597.35	1439.55	8989.06	0.00
<u>T31N,R12W</u> All	22660.39		3423.19	2160.85	17076.35	0.00
<u>T32N,R12W</u> Secs. 25-27: All Secs. 32-36: All	5120.00		2120.00	640.00	2360.00	0.00
<u>T27N,R13W</u> Secs. 1-2: All Sec. 3: E/2 Sec. 10: E/2 Secs. 11-13: All	3838.72		0.00	80.00	2798.81	959.91
<u>T28N,R13W</u> Secs. 10-15: All Secs. 22-27: All Sec. 34: E/2 Secs. 35-36: All	8186.12		0.00	0.00	6906.12	1280.00

<u>Lands:</u>	<u>Acres</u>	<u>Mineral Ownership:</u>	<u>Fee</u>	<u>State</u>	<u>Federal</u>	<u>Indian</u>
<u>T29N, R13W</u> Secs. 1-3: All Secs. 10-15: All Sec. 20: E/2 Secs. 21-28: All Sec. 29: E/2 Sec. 32: E/2 Secs. 33-36: All	14403.34		7162.26	1080.00	6161.08	0.00
<u>T30N, R13W</u> All	22229.99		2800.24	2038.00	17391.75	0.00
<u>T31N, R13W</u> Sec. 13: All Secs. 22-27: All Secs. 33-36: All	7040.00		1600.00	640.00	4800.00	0.00
<u>T30N, R14W</u> Secs. 13-14: All Secs. 24-25: All Secs. 35-36: All	3813.82		160.00	657.39	2996.43	0.00
<b>Totals:</b>	<b>287243.07</b>		<b>63511.30</b>	<b>19563.37</b>	<b>192076.98</b>	<b>12091.42</b>
<b>Percentage:</b>	<b>100.00%</b>		<b>22.11%</b>	<b>6.81%</b>	<b>66.87%</b>	<b>4.21%</b>







United States Department of the Interior

RECEIVED

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.

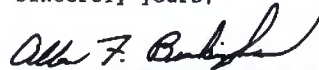
Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, signifying their concurrence with this designation.

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)

FEDERAL ENERGY REGULATORY COMMISSION

WASHINGTON, D. C. 20426

OIL CONSERVATION DIVISION  
RECEIVED

In Reply Refer to  
PR25.2/SS 99 MAR 1 AM 9 27

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

MAR 1 1993

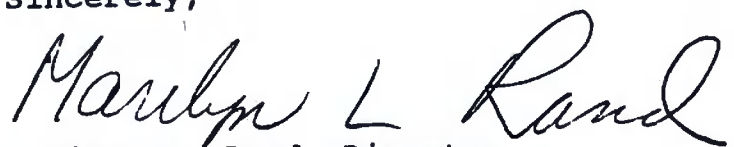
Re: Tight Formation Determination  
New Mexico-36  
Dakota Formation  
FERC No. JD93-02898T

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

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 OPFR. 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. 93-1788 Filed 1-25-93; 8:45 am]

BILLING CODE 9717-01-M

[Docket No. CF93-18-000]

#### 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 9717-01-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, 38-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 9717-01-M

[Docket No. JD93-0289ET 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 under section 107(b) of the Natural Gas Policy Act of 1978. The area of application is described on the attached appendix.

The notice of determination also contains BLM and the New Mexico Department of Energy, Minerals and Natural Resources' findings that the referenced portion of the Dakota Formation meets the requirements of the Commission's regulations set forth in 18 CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and 275.204, within 20 days after the date this notice is issued by the Commission.

Linwood A. Watson, Jr.,

Acting Secretary.

#### Appendix

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 1-38: All  
Township 28 North, Range 11 West  
Township 28 North, Range 12 West  
Sections 7-88: 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

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 33-38: All

Township 31 North, Range 13 West  
Section 13: All  
Sections 22-27: All  
Sections 33-38: All  
Township 30 North, Range 14 West

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

The area of application contains 287,243 acres, more or less, of Federal (68.9%), State (6.8%), Fee (22.1%) and Indian (4.2%) lands.

[FR Doc. 93-1789 Filed 1-25-93; 8:45 am]

BILLING CODE 9717-01-M

#### [Docket No. JD93-02315T California-3] State of California; NGPA Notice of Determination By Jurisdictional Agency Designating Tight Formations

January 19, 1993.

Take notice that on December 28, 1992, the California Division of Oil and Gas (California) submitted the above-referenced notice of determination pursuant to section 271.703(c)(3) of the Commission's regulations, that the N-Point Chert Zone, Paloma Field, Kern County, California, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The area of application is more fully described on the attached appendix.

The notice of determination also contains California's findings that the referenced portion of the N-Point Chert Zone meets the requirements of the Commission's regulations set forth in 18 CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington DC 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and 275.204, within 20 days after the date this notice is issued by the Commission.

Linwood A. Watson, Jr.,

Acting Secretary.

#### Appendix

The proposed area is the N-Point Chert Zone between the MM marker and the top of the Paloma or Stevens Sands, Paloma Field, Kern County, California underlying the following lands:

Paloma Unit—indicated by the unit boundary on Exhibit B:

Township 31 South, Range 26 East  
Section 28: Partly  
Section 29: Partly  
Section 30: Partly  
Section 32: Partly  
Section 33: All  
Section 34: Partly  
Township 32 South, Range 26 East  
Section 1: Partly  
Section 2: All  
Section 3: Partly  
Section 4: Partly  
Section 5: Partly

Section 11: Partly  
Section 12: Partly  
Anderson Lease  
Township 31 South, Range 26 East  
Section 35: S/2  
KCL "L" Lease

Township 32 South, Range 26 East  
Section 10: S/2 of NE/4, N/2 of NE/4 of SW/4, SE/4 of NW/4,  
Section 11: N/2 of NW/4 of SW/4 of NW/4, SW/4 of NE/4.

[FR Doc. 93-1867 Filed 1-25-93; 8:45 am]

BILLING CODE 9717-01-M

[Docket No. JD93-02315T Texas-84]

#### State of Texas; NGPA Notice of Determination by Jurisdictional Agency Designating Tight Formation

January 15, 1993.

Take notice that on December 28, 1992, the Railroad Commission of Texas (Texas) submitted the above-referenced notice of determination pursuant to § 271.703(c)(3) of the Commission's regulations, that the Wilcox Sands (L-14 and L-15) in the Bob West Field underlying a portion of Zapata and Starr Counties, Texas, qualifies as a tight formation under section 107(b) of the Natural Gas Policy Act of 1978. The designated area is within Railroad Commission District 4 and is described as the Southwestern portion of Porcion 55, East of Falcon Reservoir in Starr County, Texas; the northwest most portion of shares No. 28-A and No. 46; the western portion of share No. 29-A; the eastern portion of share No. 11 and all of share No. 36, all in Porcion 14, Zapata County, Texas. These areas are further defined as being within the fault lines as shown on the revised field area map.

The notice of determination also contains Texas' findings that the referenced portion of the Wilcox Sands meets the requirements of the Commission's regulations set forth in 18 CFR part 271.

The application for determination is available for inspection, except for material which is confidential under 18 CFR 275.206, at the Federal Energy Regulatory Commission, 825 North Capitol Street, NE., Washington, DC 20426. Persons objecting to the determination may file a protest, in accordance with 18 CFR 275.203 and 275.204, within 20 days after the date this notice is issued by the Commission.

Linwood A. Watson, Jr.,

Acting Secretary.

[FR Doc. 93-1790 Filed 1-25-93; 8:45 am]

BILLING CODE 9717-01-M