

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

TF-03-014

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  
3. Location of Well: Unit Letter B  
Footage: 1170' FNL & 1470' FEL

6. County:  
San Juan  
7. API No: 30045-24302  
8. Indicate Type of Lease:  
State ☐ Fee ☒

Sec. 12 Twp. 29N Rng. 11W

9. State Oil & Gas Lease No.:

4. Lease Name:  
Garrett Federal Com

10. Unit Agreement Name:

5. Well No: 1E

11. Pool or Formation:  
Basin Dakota 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: 03/24/03

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.

03 JAN 13 PM 2:17  
NM36

ALBUQUERQUE, N.M.

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

1. Well Name and No.\* Garrett Federal Com #1E DK  
2. Completed in (Name of Reservoir) \* Dakota  
3. Field \* Basin Dakota Prorated Gas Pool  
4. County \* San Juan  
5. State \* New Mexico  
6. API Well No. (14 digits maximum. If not assigned, leave blank.)  
30-045-24302

9. Measured Depth of the Completed Interval (in feet)  
TOP 6638' BASE 6743'

**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

RECEIVED  
Bureau of Land Management  
JAN 13 2003

ALBUQUERQUE, NEW MEXICO  
BUREAU NO. NM-02-03

\* 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 Garrett Federal No. 1E (API No. 30-045-24302)  
Basin Dakota Prorated Gas Pool  
NWNE Section 12, T29N, R11W  
San Juan County, New Mexico

I make the following statement under oath. Natural gas produced from the Dakota completion in Dugan's Garrett Federal 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., P. E.  
January 10, 2002

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

The foregoing instrument was acknowledged before me this 10<sup>th</sup> day of January, 2003 by John D. Roe, Jr., Engineering Manager of Dugan Production Corp., a New Mexico corporation, on behalf of said corporation.

  
\_\_\_\_\_  
Cynthia Sweetland  
Notary Public

My Commission Expires  
08/11/04





# dugan production corp.

January 10, 2003

Ms. Arlene Salazar  
Bureau of Land Management  
435 Montano Road, N.E.  
Albuquerque, NM 87107-4535

Re: NGPA Category Determination (107TF)  
Dugan Production's Garrett Federal Com #1E (API No. 30-045-24302)  
Basin Dakota Prorated Gas Pool  
NWNE Sec. 12, T29N, R11W  
San Juan County, New Mexico

Dear Ms. Salazar,

Enclosed for your consideration is Dugan's application, requesting a Section 107, tight formation, NGPA category determination for the Dakota completion in the captioned well. This well is also completed in the Blanco Mesaverde Gas Pool from 4091'-4664' and NMOCD Administrative Order DHC-1966 dated 6-10-98 authorized production from the Mesaverde and Dakota completions to be commingled downhole. As provided by Order DHC-1966, 100% of the oil and 44% of the gas production is allocated to the Dakota completion. The Mesaverde formation at this location has also been designated as a tight sand formation by FERC NM-48 and under separate application we are also applying for a Section 107 Tight Formation NGPA Category Determination for the Mesaverde completion.

Enclosed are the following items:

- a. Completed FERC Form 121 for the Dakota completion.
- b. Copy of all well completion reports for the Dakota completion and NMOCD form C-104 dated 9-9-92 reflecting operator change from Texaco to Dugan Production Corp. effective 9-1-92.
- c. Copy of the well location plat (NMOCD Form C-102), which presents the surface location for the Garrett Federal Com #1E, along with the E/2 320 acre spacing unit for the Basin Dakota completion. This location is within the tight sand area designated by NM36.
- d. Copy of the Gamma Ray Induction Log over the Dakota interval.
- e. 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*

John D. Roe  
Engineering Manager

JDR/tmf

Enclosures

RECEIVED  
Bureau of Land Management  
(10-24)

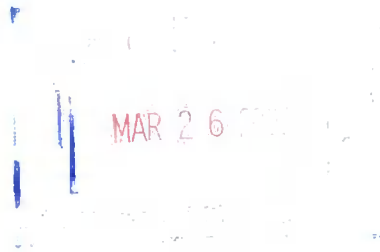
JAN 13 2003

NEW MEXICO  
NM-02-03



dugan production corp.

March 24, 2003



Mr. Michael Stogner  
New Mexico Oil Conservation Division  
1220 South St. Francis Drive  
Santa Fe, NM 87505

Re: Application for Wellhead Category Determination  
NGPA Section 107 Tight Formation  
Dugan Production's Garrett Federal Com #1E DK (API No. 30-045-24302)  
Fee Lease  
Basin Dakota Gas Pool (71599)  
San Juan County, New Mexico

Dear Mr. Stogner:

Attached are two copies of form C-132 and the \$25.00 filing fee for the subject application. There are no affidavits of mailing or delivery since Dugan Production Corp. holds 100% of the working interest in this well and there are no other parties to our gas purchase agreement.

Please add this to the application dated 1/10/03 and initially mailed to the Bureau of Land Management and subsequently forwarded to you by the BLM on 3/19/03. The well is within a spacing unit comprising a fee and federal lease, however the well is actually on the fee lease. I apologize for not sending directly to you and appreciate your handling of this application.

Please note that we have requested that our application for an NGPA Category Determination for the Mesaverde completion in this well (also dated 1/10/03) be withdrawn since the Mesaverde completion has previously been approved for NGPA Section 107TF.

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

Sincerely,

John D. Roe  
Engineering Manager

JDR/tmf

enclosures

dugan production corp.

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

Check Date : 3/24/2003


Check # 80244 jr/tmf

Inv No	Date	Description	G/L Account	Amount
	3/18/2003	Application fee for Category Determination NGPA Section 107 Tight Sand Garrett Federal Com No. 1E DK (30-045-24302)		\$ 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

080244

3/24/2003

\$ 25.00

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

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

Cynthia Sweetland

080244 1070021921 9892010194



# ENERGY, MINERALS AND NATURAL RESOURCES DEPT.

-521

NO. 117318

Official Receipt

Received from: RC - Dugan Prod Corp.

Date: 3/27

03

Dollar Amount 50.00

DR CR.	AMOUNT NUMBER	CENTER NUMBER	CREDIT AMOUNT	DEPOSIT NUMBER	WORK ORDER NO.
60	4290				
60	4291				
60	3450				
60	3451				
60	3410				
60	4210				
60	4240				
60	1893	0711			
60					
60					
60					
60					

TOTAL

50.00

NGPA Filing Fees

By

KV



CMD : ONGARD 04/29/03 09:49:48  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPRP

API Well No : 30 45 24302 Eff Date : 03-01-1981 WC Status : A  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 6515 DUGAN PRODUCTION CORP  
Prop Idn : 3690 GARRETT FEDERAL COM

Well No : 001E  
GL Elevation: 5828

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: B	12	29N	11W	FTG 1170 F N	FTG 1470 F E	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 09:49:56  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPRP  
Page No : 1

API Well No : 30 45 24302 Eff Date : 04-30-1991  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
Prop Idn : 3690 GARRETT FEDERAL COM Well No : 001E  
Spacing Unit : 31631 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : 12 29N 11W Acreage : 320.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		12	29N	11W	40.00	N	FD		
	B		12	29N	11W	40.00	N	FE		
	G		12	29N	11W	40.00	N	FE		
	H		12	29N	11W	40.00	N	FD		
	I		12	29N	11W	40.00	N	FD		
	J		12	29N	11W	40.00	N	FE		
	O		12	29N	11W	40.00	N	FE		
	P		12	29N	11W	40.00	N	FD		

E0005: Enter data to modify or PF keys to scroll

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

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

04/29/03 09:49:31  
OGOMES -TPRP  
PAGE NO: 1

Sec : 12 Twp : 29N Rng : 11W Section Type : NORMAL

D 40.00	C 40.00	B 40.00	A 40.00
Federal owned	Federal owned	Fee owned	Federal owned
A A		A	A
E 40.00	F 40.00	G 40.00	H 40.00
Federal owned	Federal owned	Fee owned	Federal owned
	A	A 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 09:49:36  
OGOMES -TPRP  
PAGE NO: 2

Sec : 12 Twp : 29N Rng : 11W Section Type : NORMAL

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

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12



CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

04/29/03 09:52:17  
OGOMES -TPRP

API Well No : 30 45 24302 Eff Date : 05-01-1981 WC Status : A  
Pool Idn : 72319 BLANCO-MESAVERDE (PRORATED GAS)  
OGRID Idn : 6515 DUGAN PRODUCTION CORP  
Prop Idn : 3690 GARRETT FEDERAL COM

Well No : 001E  
GL Elevation: 5828

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : B	12	29N	11W	FTG 1170	F N	FTG 1470	F E P

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

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



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION  
2040 South Pacheco Street  
Santa Fe, New Mexico 87505  
(505) 827-7131

**ADMINISTRATIVE ORDER DHC-1966**

Dugan Production Corporation  
P.O. Box 420  
Farmington, New Mexico 87499-0420

Attention: Mr. John D. Roe

*Garrett Federal Com No. 1E  
API No. 30-045-24302  
Unit B, Section 12, Township 29 North, Range 11 West, NMPM,  
San Juan County, New Mexico.  
Basin-Dakota (Prorated Gas - 71599) and  
Blanco-Mesaverde (Prorated Gas - 72319) Pools*

Dear Mr. Roe:

Reference is made to your recent application for an exception to Rule 303.A. of the Division Rules and Regulations to permit the above described well to commingle production from the subject pools in the wellbore.

It appearing that the subject well qualifies for approval for such exception pursuant to the provisions of Rule 303.C., and that reservoir damage or waste will not result from such downhole commingling, and correlative rights will not be violated thereby, you are hereby authorized to commingle the production as described above and any Division Order which authorized the dual completion and required separation of the zones is hereby placed in abeyance.

The maximum amount of gas which may be produced daily from the well shall be determined by Division Rules and Regulations or by the gas allowable for each respective prorated pool as printed in the Division's San Juan Basin Gas Proration Schedule.

Assignment of allowable to the well and allocation of production from the well shall be on the following basis:

Blanco-Mesaverde Gas Pool	Oil 0%	Gas 56%
Basin-Dakota Gas Pool	Oil 100%	Gas 44%

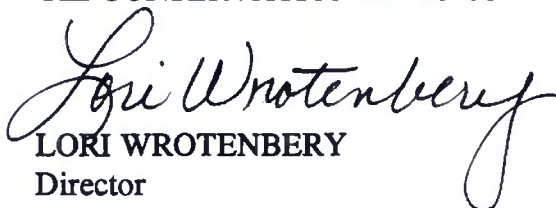
The allocation method established herein may be altered at some time subsequent to initiating downhole commingling operations upon request by the operator and for good cause shown.

REMARKS: The operator shall notify the Aztec District Office of the Division upon implementation of the commingling process.

Pursuant to Rule 303.H., the commingling authority granted herein may be rescinded by the Division Director if conservation is not being best served by such commingling.

Approved at Santa Fe, New Mexico on this 10th day of June, 1998.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

  
LORI WROTENBERY  
Director

SEAL

LW/DRC

cc: Oil Conservation Division - Aztec  
Bureau of Land Management-Farmington

5 NMOCD

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 OfficeDISTRICT I  
P.O. Box 1980, Hobbs, NM 88240DISTRICT II  
P.O. Drawer DD, Artesia, NM 88210DISTRICT III  
1000 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION  
RECEIVED  
92 SEP 23 PM 9 16REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator <b>DUGAN PRODUCTION CORP.</b>	Well API No. 30 045 24302
Address <b>P.O. Box 420, Farmington, NM 87499</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: Effective 9/1/92
Recompletion <input type="checkbox"/>	Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/>
Change in Operator <input checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>
If change of operator give name and address of previous operator <b>Texaco Exploration &amp; Production Inc., 3300 North Butler, Farmington, NM 87401</b>	

## II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Garrett Federal Com</b>	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or <u>Fee</u>	Lease No.
Location Unit Letter <b>B</b> : <b>1170</b> Feet From The <b>North</b> Line and <b>1470</b> Feet From The <b>East</b> Line Section <b>12</b> Township <b>29N</b> Range <b>11W</b> , <b>NMPM</b> , <b>San Juan</b> 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) <b>P.O. Box 256, Farmington, NM 87499</b>
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) <b>P.O. Box 4990, Farmington, NM 87499</b>
If well produces oil or liquids, give location of tanks.	Unit   Sec.   Twp.   Rge.   Is gas actually connected?   When ? B   12   29N   11W

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 flow for 24 hours.)

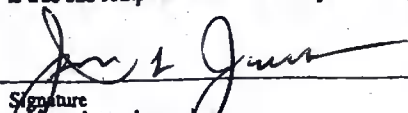
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

## 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.

Signature  
**Jim L. Jacobs**

Geologist

Printed Name

Title

9/9/92

325-1821

Date

Telephone No.

## OIL CONSERVATION DIVISION

Date Approved **SEP 10 1992**By Title **DEPUTY OIL & GAS INSPECTOR, DIST. #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.



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  
to appropriate District OfficeSTRICTLY  
Box 1980, Hobbs, NM 88240STRICTLY  
Drawer DD, Artesia, NM 88210STRICTLY  
00 Rio Brazos Rd., Aztec, NM 87410

## OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

OIL CONSERVATION DIVISION  
RECEIVED

'92 SEP 23 PM 9 16

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator <b>DUGAN PRODUCTION CORP.</b>	Well API No. 30 045 24302
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"/> Change in Transporter of: <input type="checkbox"/> Completion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Effective 9/1/92 <input checked="" type="checkbox"/> Change in Operator <input checked="" type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>	
Change of operator give name and address of previous operator <b>Texaco Exploration &amp; Production Inc., 3300 North Butler, Farmington, NM 87401</b>	

I. DESCRIPTION OF WELL AND LEASE		Well No.	Pool Name, Including Formation	Kind of Lease State, Federal or Fee	Lease No.
Lease Name <b>Garrett Federal Com</b>		1E	Blanco Mesaverde		
Location Unit Letter <b>B</b> : <b>1170</b> Feet From The <b>North</b> Line and <b>1470</b> Feet From The <b>East</b> Line Section <b>12</b> Township <b>29N</b> Range <b>11W</b> , NMPM, <b>San Juan</b> County					

II. DESIGNATION OF TRANSPORTER OF OIL AND NATURAL GAS		Address (Give address to which approved copy of this form is to be sent)	
Name of Authorized Transporter of Oil <input type="checkbox"/> or Condensate <input checked="" type="checkbox"/>	<b>Giant Refining Inc.</b>	<b>P.O. Box 256, Farmington, NM 87499</b>	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/>	<b>El Paso Natural Gas Co.</b>	<b>P.O. Box 4990, Farmington, NM 87499</b>	
If well produces oil or liquids, give location of tanks.	Unit <b>B</b>	Sec. <b>12</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.

IV. COMPLETION DATA		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
Designate Type of Completion - (X)									
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	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

GAS WELL		Bbls. Condensate/MMCF		Gravity of Condensate	
Actual Prod. Test - MCF/D	Length of Test				
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.

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

## OIL CONSERVATION DIVISION

Date Approved **SEP 10 1992**By **Charles Shuler**  
Title **DEPUTY OIL & GAS INSPECTOR, DIST. #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 portions of this form must be filled out for allowable on new and recompleted wells.

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

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

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

OIL CONSERVATION DIVISION

RECEIVED

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

JUL 17 PM 1 30

Operator Texaco Exploration and Production Inc.		Well API No. 30 045 24302
Address 3300 North Butler Farmington, New Mexico 87401		
Reason(s) for Filing (Check proper box) New Well <input type="checkbox"/> Change in Transporter of: <input checked="" type="checkbox"/> Other (Please explain) Recompletion <input type="checkbox"/> Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> EFFECTIVE 6-1-91 Change in Operator <input checked="" type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>		
If change of operator give name and address of previous operator Texaco Exploration Inc. 3300 North Butler Farmington, New Mexico 87401		

II. DESCRIPTION OF WELL AND LEASE

Lease Name GARRETT FEDERAL COM	Well No. 1 E	Pool Name, Including Formation BASIN DAKOTA (PRORATED GAS)	Kind of Lease State, Federal or Fee FEE	Lease No. 251750
Location Unit Letter B : 1170 Feet From The NORTH Line and 1470 Feet From The EAST Line Section 12 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.	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	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 B Sec. 12 Twp. 29N Rge. 11W	Is gas actually connected? YES When? 05/20/81

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
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
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.

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

OIL CONSERVATION DIVISION  
MAY 22 1991

Date Approved  
By [Signature]  
SUPERVISOR DISTRICT #3  
Title

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

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



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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department  
OIL CONSERVATION DIVISION  
RECEIVED

OIL CONSERVATION DIVISION

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator Texaco Exploration and Production Inc.		Well API No. 30 045 24302
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 GARRETT FEDERAL COM	Well No. # 1 E	Pool Name, Including Formation BLANCO MESAVERDE (PRORATED GAS)	Kind of Lease State, Federal or Fee FEE	Lease No. 251750
Location Unit Letter B : 1170 Feet From The NORTH Line and 1470 Feet From The EAST Line Section 12 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 B Sec. 12 Twp. 29N Rge. 11W	Is gas actually connected? YES When? 05/20/81

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
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 14 days)		
Date First New Oil Run To Tank	Date of Test	Producing Method (Flow, pump, gas lift, etc.)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.

RECEIVED MAY 22 1991 OIL CON. DIV. DIST. 3

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.

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

OIL CONSERVATION DIVISION

Date Approved MAY 22 1991  
By [Signature]  
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.

OIL CONSERVATION DIVISION  
OIL CONSERVATION DIVISION RECEIVED

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

Lower DD, Artesia, NM 88210

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

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"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Operator <input type="checkbox"/> Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>		
<input type="checkbox"/> Other (Please explain) Previous transporter was Giant Industries Inc., now it is Meridian Oil Company effective 10/01/89.		
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Garrett Fed Com	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease Fee State, Federal or Fee	Lease No.
Location Unit Letter B : 1170 Feet From The N Line and 1470 Feet From The E Line Section 12 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"/> Meridian Oil Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4289, Farmington, NM 87499	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? yes	
	When? 5/20/81	

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v	Diff Res'v
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)			
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 - 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.

SIGNED: A. A. KLEIER

Signature

Printed Name

Date

Telephone No.

OIL CONSERVATION DIVISION

Date Approved SEP 28 1989

By

Title

SUPERVISION DISTRICT # 3

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

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



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

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

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

OIL CONSERVATION DIVISION  
RECEIVED  
09 OCT 12 AM 9 07

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I.

Operator <b>TEXACO INC.</b>		Well API No.
Address <b>3300 N. Butler, Farmington, NM 87401</b>		
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 Operator <input type="checkbox"/> Casinghead Gas <input type="checkbox"/> Condensate <input checked="" type="checkbox"/>		<input type="checkbox"/> Other (Please explain) Previous transporter was Giant Industries Inc., now it is Meridian Oil Company effective 10/01/89.
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Garrett Fed Com</b>	Well No. <b>1E</b>	Pool Name, Including Formation <b>Blanco Mesa Verde</b>	Kind of Lease Fee State, Federal or Fee	Lease No.
Location Unit Letter <b>B</b> : <b>1170</b> Feet From The <b>N</b> Line and <b>1470</b> Feet From The <b>E</b> Line Section <b>12</b> Township <b>29N</b> Range <b>11W</b> , 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"/> <b>Meridian Oil Company</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 4289, Farmington, NM 87499</b>					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>El Paso Natural Gas Co.</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 990, Farmington, NM 87401</b>					
If well produces oil or liquids, give location of tanks.	Unit <b>B</b>	Sec. <b>12</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:

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 below for 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 <b>SEP 23 1989</b>
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - <b>OIL CON. DIV DIST. 3</b>

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.

**SIGNED: A. A. KLEIER**

Signature \_\_\_\_\_  
Area Manager  
Printed Name \_\_\_\_\_  
Title \_\_\_\_\_  
Date **SEP 28 1989** Telephone No. \_\_\_\_\_

OIL CONSERVATION DIVISION

Date Approved **SEP 28 1989**

By **[Signature]**

Title **SUPERVISION DISTRICT # 3**

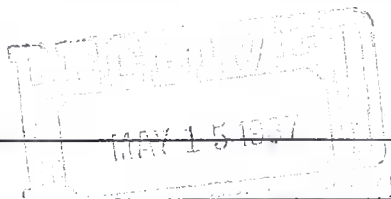
INSTRUCTIONS: This form is to be filed in compliance with Rule 1104

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

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FILE		
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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  
TEXACO INC.

Address  
P. O. Box EE, Cortez, CO. 81321

Reason(s) for filing (Check proper box)  
New Well ☐ Change in Transporter of:  
Recompletion ☐ Oil ☐ Dry Gas ☐  
Change in Ownership ☐ Casinghead Gas ☐ Condensate ☒

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 Garrett Fed Com	Well No. 1E	Pool Name, Including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee	Lease No. Fee
Location Unit Letter <u>B</u> ; <u>1170</u> Feet From The <u>N</u> Line and <u>1470</u> Feet From The <u>E</u> Line of Section <u>12</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"/> Giant Industries Inc. Refinery	Address (Give address to which approved copy of this form is to be sent) P. O. Box 9156, Phoenix, AZ 85068	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? <u>yes</u> When _____	

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

IV. COMPLETION DATA

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

V. TEST DATA AND REQUEST FOR ALLOWABLE OIL WELL

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

Date First New Oil Run To 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 (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 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 28 1987

(Date)

OIL CONSERVATION COMMISSION

APPROVED \_\_\_\_\_

BY \_\_\_\_\_

TITLE \_\_\_\_\_

SUPERVISOR DISTRICT # \_\_\_\_\_

APR 30 1987  
OIL CON. DIV.  
DIST. 2

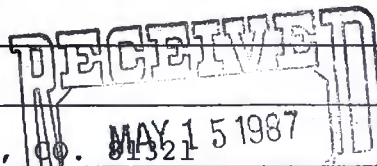
This form is to be filed in compliance with RULE 1104.  
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.  
All sections of this form must be filled out completely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



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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  
TEXACO INC.  
Address  
P. O. Box EE, Cortez, CO. 81321  
Reason(s) for filing (Check proper box)  
New Well ☐ Change in Transporter of: ☒ OIL ☐ Dry Gas ☐  
Recompletion ☐ Oil ☒ Casinghead Gas ☐ Condensate ☒  
Change in Ownership ☐  
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 Garrett Fed Com	Well No. 1E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter B : 1170 Feet From The N Line and 1470 Feet From The E Line of Section 12 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"/> Giant Industries Inc. Refinery	Address (Give address to which approved copy of this form is to be sent) P. O. Box 9156, Phoenix, AZ 85068
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Co.	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, NM 87401
If well produces oil or liquids, give location of tanks. Unit B Sec. 12 Twp. 29N Rge. 11W	Is gas actually connected? When yes 5/20/81

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

IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
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 the 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 28 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.

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

Form C-104  
Supersedes Old C-104 and C-110  
Effective 1-1-85

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

If change of ownership give name and address of previous owner

II. DESCRIPTION OF WELL AND LEASE

Lease Name Garrett Fed Com	Well No. 1E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Fee Fee	Lease No. -----
Location				
Unit Letter <u>B</u> ; <u>1170</u> Feet From The <u>North</u> Line and <u>1470</u> Feet From The <u>East</u>				
Line of Section <u>12</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)	
Gary Energy Corp.	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)	
El Paso Natural Gas Co.	P.O. Box 990, Farmington, NM 87499	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? Yes	
	When 5/20/81	

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.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			

TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT

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

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

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (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. R. MARX

(Signature)

AREA SUPERINTENDENT

(Title)

10/10/86

(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.

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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.



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

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

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

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

I. DESCRIPTION OF WELL AND LEASE

Lease Name Garrett Fed Com	Well No. 1E	Pool Name, including Formation Blanco Mesa Verde	Kind of Lease State, Federal or Fee Fee	Lease No. -----
Location				
Unit Letter B ; 1170 Feet From The North Line and 1470 Feet From The East				
Line of Section 12 Township 29N Range 11W , NMPM, San Juan County				

II. 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)	
Gary Energy Corp.	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)	
El Paso Natural Gas Co.	P.O. Box 990, Farmington, NM 87499	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? Yes	

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.
Date Spudded	Date Compl. Ready to Prod.		Total Depth		P.B.T.D.			
Elevations (DF, RKB, RT, GR, etc.)	Name of Producing Formation		Top Oil/Gas Pay		Tubing Depth			
Perforations					Depth Casing Shoe			
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT			

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

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

GAS WELL

Actual Prod. Test-MCF/D	Length of Test	Bbls. Condensate/MCF	Gravity of Condensate
Testing Method (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. R. MARX

(Signature)

AREA SUPERINTENDENT

(Title)

10/10/86

(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 deepener well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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

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

Form C-104  
Supersedes Old C-104 and C-111  
Effective 1-1-65

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OIL CONSERVATION DIVISION  
SANTA FE

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 of Operator from Getty Oil Company to Texaco Inc. (Operator for TPI)
Recompletion <input type="checkbox"/>	
Change in Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <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 Garrett Fed Com	Well No. 1E	Pool Name, Including Formation Mesaverde Basin Dakota	Kind of Lease State, Federal or Fee	Fee	Lease No.
Location Unit Letter: B ; 1170 Feet From The North Line and . 1470 Feet From The East Line of Section 12 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 B Sec. 12 Twp. 29N Rge. 11W Is gas actually connected? Yes When 3-2-81

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 (plot, 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.

JA th  
(Signature)  
District Manager/Farmington  
(Title)  
1/28/85  
(Date)

OIL CONSERVATION COMMISSION  
JAN 31 1985

APPROVED \_\_\_\_\_  
BY Frank J. [Signature]  
SUPERVISOR DISTRICT #3  
TITLE \_\_\_\_\_

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



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

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	GAS
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PRODUCTION OFFICE	

Operator	Getty Oil Company	
Address	P.O. Box 3360, Casper, WY 82602-3360	
Reason(s) for filing (Check proper box)	Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: <input type="checkbox"/>	Previous condensate transporter was Giant Refining Co., now it is Permian Corp.
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"/>	

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

## DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, including Formation	Kind of Lease	Fee	Lease No.
Garrett Fed. Com.	1E	Basin Dakota	<del>XXXXXX</del>		
Location	Unit Letter B	1170 Feet From The North Line and 1470 Feet From The East	Line of Section 12	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)					
Permian Corporation	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.	Rge.	Is gas actually connected?	When
	B	12	29N	11W	Yes	5-20-81

(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
Date Spudded	Date Compl. Ready to Prod.	Total Depth	P.B.T.D.					
Elevations (DF, RAB, 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 ullage 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
Initial Prod. During Test	Oil - Bbls.	Water - Bbls.
		Gas - MCF

OCT 26 1984  
OIL CON. DIV.  
DIST. 3

## AS WELL

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

## 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)  
10-18-84

(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.

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

OIL CONSERVATION DIVISION  
P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-104  
Revised 10-1-78

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LAND OFFICE	
TRANSPORTER	OIL
OPERATOR	GAS
PRODUCTION OFFICE	
Operator	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

Getty Oil Company

Address

P.O. Box 3360, Casper, WY 82602-336-

Reason(s) for filing (Check proper box)

New Well ☐Recompletion ☐Change in Ownership ☐

Change in Transporter of:

Oil ☐Casinghead Gas ☐Dry Gas ☐Condensate ☒

Other (Please explain)

Previous condensate transporter was not shown on our copy of C-104 dated 2-13-81, Permian Corp. is correct tran

If change of ownership give name and address of previous owner

## DESCRIPTION OF WELL AND LEASE

Lease Name	Well No.	Pool Name, Including Formation	Kind of Lease	Lease No.				
Garrett Fed. Com.	1E	Blanco Mesa Verde	State of New Mexico					
Location			Fee					
Unit Letter	B	1170 Feet From The North	Line and	1470 Feet From The East				
Line of Section	12	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)					
Permian Corporation	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 Company	P.O. Box 990, Farmington, NM 87499					
If well produces oil or liquids, give location of tanks.	Unit	Sec.	Twp.	Rge.	Is gas actually connected?	When
	B	12	29N	11W	Yes	

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

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, CR, 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
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.
		Gas-MCF

## AS WELL

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

## 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

10-18-84

(Title)

(Date)

## OIL CONSERVATION DIVISION

APPROVED

OCT 26 1984

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.

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



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P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501Form C-104  
Revised 10-1-78

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	GAS
OPERATOR	
PRODUCTION OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

1. Operator  
Getty Oil Company

Address  
P.O. Box 3360, Casper, WY 82602

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 Permian Corp.

If change of ownership give name and address of previous owner

## II. DESCRIPTION OF WELL AND LEASE

Lease Name Garrett Fed. Com.	Well No. 1-E	Pool Name, Including Formation Basin Dakota	Kind of Lease State, Federal or Fee	Fee	Lease No. --
Location Unit Letter <u>B</u> : <u>1170</u> Feet From The <u>North</u> Line and <u>1470</u> Feet From The <u>East</u>					
Line of Section <u>12</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"/> Giant Refining Co.	Address (Give address to which approved copy of this form is to be sent) P.O. Box 256, Farmington, NM 87401	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas	Address (Give address to which approved copy of this form is to be sent) P.O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? Yes	
	When 5-20-81	

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

## IV. COMPLETION DATA

Designate Type of Completion - (X)	Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res
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

DRILL 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)

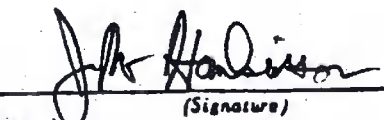
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, Pump, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.	Gas-MCF

## 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.

  
(Signature)For Area Superintendent  
(Title)12-31-81  
(Date)

## OIL CONSERVATION DIVISION

APPROVED JAN 6 1982  
BY Charles J. Halverson  
TITLE DEPUTY OIL & GAS INSPECTOR, DIST. #3

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

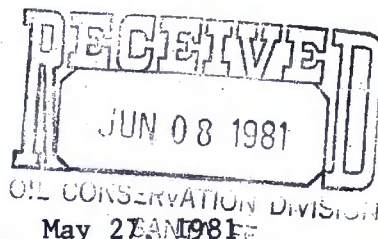
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviated tests taken on the well in accordance with RULE 111.

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.



EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO



## NOTICE OF GAS CONNECTION

DATE May 27, 1981

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

GAS FROM <u>Getty Oil Company</u>		<u>Garrett Federal Com #1-E MV</u>	
Operator		Well Name	
<u>93-436-01</u>	<u>30830-01</u>	<u>B</u>	<u>12-29-11</u>
Meter Code	Site Code	Well Unit	S-T-R
<u>Blanco Mesaverde</u>		<u>El Paso Natural Gas Company</u>	
Pool		Name of Purchaser	
WAS MADE ON <u>2-27-81</u>	FIRST DELIVERY <u>5-20-81</u>		
Date	Date		
AOF <u>1,415</u>			
CHOKE <u>1,337</u>			

El Paso Natural Gas Company  
Purchaser  
Charles A. Thomas  
Representative  
Assistant Chief Dispatcher  
Title

cc: Operator  
Oil Conservation Commission - 2  
Proration - El Paso

File



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 Getty Oil Company	
Address P.O. Box 3360, Casper, Wyoming 82602	
Reason(s) for filing (Check proper box)	
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"/>
Other (Please explain)	

If change of ownership give name  
and address of previous owner

## II. DESCRIPTION OF WELL AND LEASE

Lease Name Garrett - Federal Com	Well No. 1-E	Pool Name, Including Formation Mesa Verda	Kind of Lease State, Federal or Fee Fee	Lease No.
Location				
Unit Letter B	1170	Feet From The North	Line and 1470	Feet From The East
Line of Section 12	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 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	P.O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? No	

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.
		X	X					
Date Spudded 5-7-80	Date Compl. Ready to Prod. 9-3-80	Total Depth 6820'	P.B.T.D. 6762'					
Elevations (DF, RKB, RT, GR, etc.) 5829' GR	Name of Producing Formation Mesa Verda	Top Oil/Gas Pay 4091'	Tubing Depth 2 1/16" 4619'					
Perforations Mesa Verda - 4091' - 4219' & 4503' - 4464'			Depth Casing Shoe 6812'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
14 3/4"	10 3/4"	319'	275					
9 7/8"	7 5/8"	3930'	895					
Liner	2 1/16"	3745' to 6812'	Pkr @ 4850'					

## 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)
Length of Test	Tubing Pressure	Casing Pressure
Actual Prod. During Test	Oil-Bbls.	Water-Bbls.

## GAS WELL

Actual Prod. Test-MCF/D 4130 AOF	Length of Test 24 hours	Bbls. Condensate/MMCF 0	Gravity of Condensate
Testing Method (pilot, back pr.) Back Press	Tubing Pressure (shut-in) 1302	Casing Pressure (shut-in) 1304	Choke Size 1/2"

## 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.

Charles E Mowry

(Signature)

Area Engineer

(Title)

2-13-81

(Date)

## OIL CONSERVATION DIVISION

APPROVED

BY

TITLE SUPERVISOR DISTRICT # 3

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

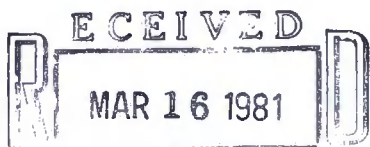
If this is a request for allowable for a newly drilled or deepened well, this form must be accompanied by a tabulation of the deviation tests taken on the well in accordance with RULE 111.

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.

EL PASO NATURAL GAS COMPANY  
POST OFFICE BOX 990  
FARMINGTON, NEW MEXICO



OIL CONSERVATION DIVISION  
SANTA FE

NOTICE OF GAS CONNECTION

DATE March 10, 1981

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

GAS FROM <u>Getty Oil Co.</u>		<u>Garrett Federal Com #1-E (DK)</u>	
Operator		Well Name	
<u>93-497-01</u>	<u>73040-51</u>	<u>B</u>	<u>12-29-11</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>2-27-81</u>	FIRST DELIVERY <u>3-2-81</u>		
Date	Date		
AOF <u>4,130</u>			
CHOKE <u>2,354</u>			

El Paso Natural Gas Company

Purchaser

Original Signed By W. M. Rodgers

Representative

Chief Dispatcher

Title

cc: Operator  
Oil Conservation Commission - 2  
Proration - El Paso

File

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

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	GAS
OPERATOR	
PRORATION OFFICE	

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

MAR 02 1981

Operator Getty Oil Company	
Address OIL CONSERVATION DIVISION P.O. Box 3360, Casper, Wyoming 82602 SANTA FE	
Reason(s) for filing (Check proper box)	Other (Please explain)
New Well <input checked="" type="checkbox"/>	Dual Completion Dakota and Mesa Verda
Recompletion <input type="checkbox"/>	
Change In Ownership <input type="checkbox"/>	
Change in Transporter of: Oil <input type="checkbox"/> Dry Gas <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 Garrett Federal Com	Well No. 1-E	Pool Name, Including Formation Dakota	Kind of Lease State, Federal or Fee Fee	Lease No.
Location Unit Letter B : 1170 Feet From The North Line and 1470 Feet From The East Line of Section 12 Township 29N Range 11W, NMPM, San Juan 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	P.O. Box 990, Farmington, NM 87401	
If well produces oil or liquids, give location of tanks.	Unit B	Sec. 12
	Twp. 29N	Rge. 11W
	Is gas actually connected? 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 5-7-80	Date Compl. Ready to Prod. 9-3-80	Total Depth 6820'	P.B.T.D. 6762'					
Elevations (DF, RKB, RT, GR, etc.) 5829' GR	Name of Producing Formation Dakota	Top Oil/Gas Pay 4091'	Tubing Depth 2 1/16" 6706'					
Perforations Dakota 6638' - 6743'			Depth Casing Shoe 6812'					
TUBING, CASING, AND CEMENTING RECORD								
HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT					
14 3/4"	10 3/4"	319'	275					
9 7/8"	7 5/8"	3930'	895					
Liner	5 1/2 - 2 1/16"	3745' to 6812'	250					
	2 1/16"	6706'	Pkr @ 4850'					

## 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 (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 Dakota - 4130 AOF	Length of Test 24 hours	Bbls. Condensate/MMCF 0	Gravity of Condensate all
Testing Method (pilot, back pr.) Back Press	Tubing Pressure (Shut-in) Dakota - 1208	Casing Pressure (Shut-in) Dakota - 0	Choke Size Dakota 3/4"

## VII. 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.

Charles E Mowry  
(Signature)Area Engineer  
(Title)2-13-81  
(Date)OIL CONSERVATION DIVISION  
FEB 17 1981APPROVED \_\_\_\_\_, 19\_\_\_\_  
BY Frank J. Chang  
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 recompleted wells.



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Form C-105  
Revised 11-1-76

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

TYPE OF WELL

TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ OIL WELL ☐ GAS WELL ☒ DRY ☐ OTHER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐

Name of Operator

Getty Oil Company

Address of Operator

P.O. Box 3360, Casper, Wyoming 82602

Location of Well

LETTER B LOCATED 1170' FEET FROM THE North LINE AND 1470' FEET FROM

East LINE OF SEC. 12 TWP. 29N RGE. 11W NMPM

Date Spudded 5-7-80 16. Date T.D. Reached 5-23-80 17. Date Compl. (Ready to Prod.) 9-3-80 18. Elevations (DF, RKB, RT, GR, etc.) 5829' GR 19. Elev. Casinghead

Total Depth 5820' 21. Plug Back T.D. 6762' 22. If Multiple Compl., How Many Dual 23. Intervals Drilled By Rotary Tools 6820' Cable Tools

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

Mesa Verde 4091'-4219' and 4503'-4664'

Dakota 6638'-6743'

Type Electric and Other Logs Run Dual Induction SFL, Induction Gamma Ray,

Compensated Formation Density, Neutron Porosity

25. Was Directional Survey Made

27. Was Well Cored

No

## CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5#	319'	14 3/4"	275 sks	
7 7/8"	26.4 & 29.7#	3930'	9 7/8"	895 sks	

## LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5 1/2"	3745'	6812'	250	

## TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 1/16"	4619'	
2 1/16"	6706'	4850'

Perforation Record (Interval, size and number)

14 - .375" holes 6638'-6743'

15 - .320" holes 4503'-4664'

23 - .320" holes 4091'-4219'

30. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL See Attached AMOUNT AND KIND MATERIAL USED

First Production

7-26-80

Production Method (Flowing, gas lift, pumping - Size and type pump)

Flowing Dakota 6638'-6743'

of Test 7-26-80 Hours Tested 3 Choke Size 3/4" Prod'n. For Test Period - Oil - Bbl. 1337 Gas - MCF - Water - Bbl. - Shut-in - Gas/Oil Ratio - DIST. 3

\* Tubing Press. 39 psi Casing Pressure Packer Calculated 24-Hour Rate - Oil - Bbl. 1415 Gas - MCF - Water - Bbl. - Oil Gravity - API (Corr.) -

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

Test Witnessed By

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 Charles E Mowry

TITLE Area Engineer

DATE 2-13-81

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 1195.

### Southeastern New Mexico

T. Anhy _____	T. Canyon _____
T. Salt _____	T. Strawn _____
B. Salt _____	T. Atoka _____
T. Yates _____	T. Miss _____
T. 7 Rivers _____	T. Devonian _____
T. Queen _____	T. Silurian _____
T. Grayburg _____	T. Montoya _____
T. San Andres _____	T. Simpson _____
T. Glorieta _____	T. McKee _____
T. Paddock _____	T. Ellenburger _____
T. Blinberry _____	T. Gr. Wash _____
T. Tubb _____	T. Granite _____
T. Drinkard _____	T. Delaware Sand _____
T. Abo _____	T. Bone Springs _____
T. Wolfcamp _____	T. _____
T. Penn. _____	T. _____
T. Cisco (Bough C) _____	T. _____

T. Ojo Alamo _____	T. Penn. "B" _____
T. Kirtland-Fruitland _____	T. Penn. "C" _____
T. Pictured Cliffs <u>2178</u>	T. Penn. "D" _____
T. Cliff House <u>3724</u>	T. Leadville _____
T. Menefee _____	T. Madison _____
T. Point Lookout _____	T. Elbert _____
T. Mancos <u>4730</u>	T. McCracken _____
T. Gallup _____	T. Ignacio Qtzte _____
Base Greenhorn <u>6440</u>	T. Granite _____
T. Dakota <u>6572</u>	T. _____
T. Morrison _____	T. _____
T. Todilto _____	T. _____
T. Entrada _____	T. _____
T. Wingate _____	T. _____
T. Chinle _____	T. _____
T. Permian _____	T. _____
T. Penn. "A" _____	T. _____

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

No. 5, from.....to.....

No. 6, from.....to.....

**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. ....

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation

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Form C-105  
Revised 11-1-86

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

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

TYPE OF WELL					
OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	OTHER <input type="checkbox"/>		
TYPE OF COMPLETION					
NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEPEN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	OTHER <input type="checkbox"/>
Name of Operator					
Getty Oil Company					
Address of Operator					
P.O. Box 3360, Casper, Wyoming 82602					
Location of Well					

LETTER <u>B</u>	LOCATED <u>1170'</u>	FEET FROM THE <u>North</u>	LINE AND <u>1470'</u>	FEET FROM
East	LINE OF SEC. <u>12</u>	TWP. <u>29N</u>	RGE. <u>11W</u>	NMPM

Date Spudded	16. Date T.D. Reached	17. Date Compl. (Ready to Prod.)	18. Elevations (DF, RKB, RT, GR, etc.)	19. Elev. Casinghead	
5-7-80	5-23-80	9-3-80	5829' GR		
Total Depth	21. Plug Back T.D.	22. If Multiple Compl., How Many	23. Intervals Drilled By	Rotary Tools	Cable Tools
6820'	6762'	Dual	6820'		
Producing Interval(s), of this completion - Top, Bottom, Name					25. Was Directional Survey Made
Mesa Verde 4091'-4219' and 4503'-4664'					
Dakota 6638'-6743'					
Type Electric and Other Logs Run Dual Induction SFL, Induction Gamma Ray, Compensated Formation Density, Neutron Porosity					27. Was Well Cored
					No

CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
10 3/4"	40.5#	319'	14 3/4"	275 sks	
7 7/8"	26.4 & 29.7#	3930'	9 7/8"	895 sks	

LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
5 1/2"	3745'	6812'	250	

TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 1/16"	4619'	
2 1/16"	6706'	4850'

Perforation Record (Interval, size and number)	
14 - .375" holes 6638'-6743'	MAR 02 1981 OIL CONSERVATION DIVISION SANTA FE
15 - .320" holes 4503'-4664'	
23 - .320" holes 4091'-4219'	

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
See Attached	

PRODUCTION

First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)	
9-3-80		Flowing - Mesa Verde 4091'-4219'				Shut-in	
Time of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas/Oil Ratio
9-3-80	3	1/2"		-	2554	-	-
Well Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	
417 psi	1304		-	4130	-	-	
Disposition of Gas (Sold, used for fuel, vented, etc.)						Test Witnessed By	
						Paul Berhost	

List of Attachments

Attached Sheet for Dakota Test 6638'-6743'

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 Charles E Mowry TITLE Area Engineer DATE 2-13-81

## 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. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs <u>2178</u>	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House <u>3724</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 <u>4730</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <u>6440</u>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <u>6572</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.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

No. 5, 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



32. Acid Shot, Fracture, Cement Squeeze, etc.

Depth, Interval  
3745'

Amount and Kind Material Used  
Squeeze top of liner with 75 sks Class  
"B", 50 sks Class "B" with 1/4 #  
1 sks Flo-Cele: Squeezed with  
105 sks behind liner at 4500 PSI  
Reverse out 20 sks.

6638' 6743'

200 Gal. 15% Acetic Acid  
2000 Gal. 15% HCL  
Frac with 60,257# 20-40 sand,  
1900 Gal. slick wtr. & 665,000 SCF N<sub>2</sub>

4503' - 4664'

200 Gal. 15% Acetic Acid  
1000 Gal. 15% HCL  
Foam Frac with 37,000 Gal. 75% Foam,  
9250 Gal. 1% KCL, 26,000 #20-40 sand,  
12,000 lb. 10-20 sand & flush with  
8100 Gal. Foam

4091' - 4219'

250 Gal. 15% Acetic Acid  
2500 Gal. 15% HCL  
Foam Frac with 12,000 Gal. 75% Foam,  
12,000 Gal. 75% Foam with 1/2#/Gal.  
10-20 sand, 13,000 Gal. with 1#/Gal.  
10-20 sand, 14,000 Gal. with 1 1/2#/Gal.  
20-40 sand, 10,000 Gal. w/2#/Gal. 10-20  
sand, flushed with 7775 Gal. Foam



**NEW 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>9-2-80</b>	
Company <b>Getty Oil Company</b>			Connection <b>Not Connected</b>		
Pool <b>Undesignated Blanco</b>			Formation <b>Mesaverde E.T.</b>		Unit
Completion Date <b>7-16-80</b>		Total Depth <b>6820</b>	Plug Back TD <b>6762</b>		Elevation <b>5829 GL</b>
Farm or Lease Name <b>Garrett Fed Com.</b>					
Csg. Size <b>5.500</b>	Wt. <b>15.5</b>	d <b>4.950</b>	Set At <b>6812</b>	Perforations: From <b>4091</b> To <b>4665</b>	
Well No. <b>1 E</b>					
Tbg. Size <b>2 1/16</b>	Wt. <b>3.25</b>	d <b>1.750</b>	Set At <b>4620</b>	Perforations: From <b>open</b> To <b>ended</b>	
Unit Sec. Twp. Rge. <b>B 12-29N -11W</b>					
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Gas Gas Multiple</b>				Packer Set At <b>4850</b>	
Producing Thru <b>Tubing</b>				County <b>San Juan</b>	
Reservoir Temp. °F <b>12.0</b>				State <b>New Mexico</b>	
Mean Annual Temp. °F				Baro. Press. - P <sub>a</sub>	
L <b>4620</b>	H <b>4620</b>	Gg <b>.700</b>	% CO <sub>2</sub>	% N <sub>2</sub>	% H <sub>2</sub> S
Prover <b>2.00</b>			Meter Run <b>2.00</b>		
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.		Temp. °F
SI							<b>1302</b>		<b>1304</b>		<b>SI</b>
1.	<b>2.000</b>	<b>I .500</b>					<b>782</b>	<b>60</b>	<b>1136</b>		<b>1st Hr.</b>
2.	<b>2.000</b>	<b>I .500</b>					<b>560</b>	<b>60</b>	<b>990</b>		<b>2nd Hr.</b>
3.	<b>2.000</b>	<b>I .500</b>					<b>417</b>	<b>60</b>	<b>885</b>		<b>3rd Hr.</b>
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	<b>4.722</b>		<b>794</b>	<b>1.000</b>	<b>1.195</b>	<b>1.106</b>	<b>4955</b>
2.	<b>4.722</b>		<b>572</b>	<b>1.000</b>	<b>1.195</b>	<b>1.076</b>	<b>3473</b>
3.	<b>4.722</b>		<b>429</b>	<b>1.000</b>	<b>1.195</b>	<b>1.055</b>	<b>2554</b>
4.							
5.							

NO.	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.			
				A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.			
				Specific Gravity Separator Gas _____			
				Specific Gravity Flowing Fluid _____			
				Critical Pressure _____ P.S.I.A.			
Critical Temperature _____ °R							

P <sub>c</sub> <b>1304</b>	P <sub>c</sub> <sup>2</sup> <b>170016</b>		
NO.	P <sub>t</sub> <sup>2</sup>	P <sub>w</sub>	P <sub>w</sub> <sup>2</sup>
1			
2			
3	<b>184041</b>	<b>897</b>	<b>804609</b>
4			
5			

(1)  $\frac{P_c^2}{P_c^2 - P_w^2} = 1.8982$

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 4130$

(2)  $\left[ \frac{P_c^2 - P_w^2}{P_c^2} \right]^n = 1.6172$

Absolute Open Flow <b>4130</b> Mcfd @ 15.025	Angle of Slope $\theta$ _____	Slope, n <b>.75</b>
Remarks: _____		

Approved By Commission:	Conducted By: <b>Paul D. Berhost</b>	Calculated By: <b>Paul D. Berhost</b>	Checked By:
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# NEW 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>7/25/80</b>	
Company <b>Getty Oil Company</b>		Connection <b>Not connected</b>	
Pool <b>Basin</b>		Formation <b>Dakota</b>	
Completion Date <b>7/16/80</b>	Total Depth <b>6820</b>	Plug Back TD <b>6762</b>	Elevation <b>5829 G.L.</b>
Farm or Lease Name <b>Garrett Fed. Comm.</b>		Well No. <b>1 E</b>	
Csg. Size <b>5.500</b>	Wt. <b>15.5</b>	d <b>4.950</b>	Set At <b>6812</b>
Perforations: From <b>6638</b> To <b>6743</b>		Well No. <b>1 E</b>	
Tbg. Size <b>2 1/16</b>	Wt. <b>3.25</b>	d <b>1.750</b>	Set At <b>6706</b>
Perforations: From <b>Open</b> To <b>Ended</b>		Unit Sec. Twp. Rge. <b>B 12 29N 11W</b>	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple <b>Gas Gas Multiple</b>		Packer Set At <b>4850</b>	
Producing Thru <b>Tubing</b>		Reservoir Temp. °F <b>12.0</b>	
Mean Annual Temp. °F <b>12.0</b>		Baro. Press. - P <sub>a</sub> <b>12.0</b>	
State <b>New Mexico</b>		County <b>San Juan</b>	
L <b>6706</b>	H <b>6706</b>	G <sub>g</sub> <b>.700</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		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.	Temp. °F	
SI							<b>1165</b>		<b>PAR</b>		<b>195 HrSI</b>
1.	<b>2.000</b>	<b>X</b>	<b>.750</b>				<b>182</b>	<b>60</b>			<b>1st Hr</b>
2.	<b>2.000</b>	<b>X</b>	<b>.750</b>				<b>101</b>	<b>60</b>			<b>2nd Hr</b>
3.	<b>2.000</b>	<b>X</b>	<b>.750</b>				<b>89</b>	<b>60</b>			<b>3rd Hr</b>
4.											
5.											

RATE OF FLOW CALCULATIONS							
NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P <sub>m</sub>	Flow Temp. Factor Ft.	Gravity Factor F <sub>g</sub>	Super Compress. Factor, F <sub>pv</sub>	Rate of Flow Q, Mcfd
1	<b>11.000</b>		<b>194</b>	<b>1.000</b>	<b>1.195</b>	<b>1.022</b>	<b>2606</b>
2	<b>11.000</b>		<b>113</b>	<b>1.000</b>	<b>1.195</b>	<b>1.012</b>	<b>1503</b>
3	<b>11.000</b>		<b>101</b>	<b>1.000</b>	<b>1.195</b>	<b>1.007</b>	<b>1337</b>
4.							
5.							

NO.	P <sub>c</sub>	P <sub>w</sub>	P <sub>c</sub> <sup>2</sup>	P <sub>w</sub> <sup>2</sup>	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.	<b>1177</b>	<b>317</b>	<b>1,385,329</b>			A.P.I. Gravity of Liquid Hydrocarbons _____ Deg.
2.						Specific Gravity Separator Gas _____ X X X X X X X X
3.						Specific Gravity Flowing Fluid _____ X X X X X
4.						Critical Pressure _____ P.S.I.A.
5.						Critical Temperature _____ R

(1)  $\frac{P_c^2}{P_c^2 - P_w^2} = \underline{1.0784}$

(2)  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.0582}$

AOF = Q  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = \underline{1.415}$

Absolute Open Flow <b>1.415</b>	Mcf/d @ 15.025	Angle of Slope $\phi$	Slope, n <b>.75</b>
Remarks:			

Approved By Commission:	Conducted By: <b>Paul D. Berhost</b>	Calculated By: <b>Paul D. Berhost</b>	Checked By:
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U.S.G.S.	2
LAND OFFICE	
OPERATOR	1

# NEW MEXICO OIL CONSERVATION COMMISSION

Form C-101  
Revised 1-1-65

5A. Indicate Type of Lease  
STATE ☐ FEE ☒

5. State Oil & Gas Lease No.

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

1a. Type of Work

DRILL ☒

DEEPEN ☐

PLUG BACK ☐

b. Type of Well

OIL WELL ☐

GAS WELL ☒

OTHER

SINGLE ZONE ☐

MULTIPLE ZONE ☒

2. Name of Operator

Getty Oil Company

3. Address of Operator

Box 3360, Casper, Wyoming 82602

4. Location of Well

UNIT LETTER B LOCATED 1170 FEET FROM THE North LINE

AND 1470 FEET FROM THE East LINE OF SEC. 12 TWP. 29N RGE. 11W NMPM

7. Unit Agreement Name

Garrett-Fed. Com.

8. Farm or Lease Name

9. Well No.

1-E

10. Field and Pool or Wadga ~~Basin~~  
Basin Dakota & Mesaverde

12. County

San Juan

21. Elevations (Show whether D.F., R.T., etc.)

'5828' GR

21A. Kind & Status Plug, Bond

Blanket

19. Proposed Depth

6875'

19A. Formation

Dakota-Mesaverde

20. Rotary or C.T.

Rotary

21B. Drilling Contractor

Not Known

22. Approx. Date Work will start

5-15-80

23.

### PROPOSED CASING AND CEMENT PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	SACKS OF CEMENT	EST. TOP
14 3/4"	10 3/4"	40.5	600'	315	Surface
9 7/8"	7 5/8"	26.4	3600'	820	Surface
6 3/4"	5 1/2"	15.5	6875'	370	3600'

We propose to drill to 3600' with mud and set 7 5/8" casing. Air will be used to drill from 3600' to 6875' TD. If tests indicate commercial production in both the Mesaverde and Dakota we propose to dual complete the well.

RECEIVED  
MAY 12 1980  
OIL CON. COM.  
SANTA FE  
gas is dedicated  
2-30-80

RECEIVED  
MAY 11 1980  
OIL CON. COM.  
DIST. 3

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

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

Signed J & Gak Title Area Superintendent Date 4-28-80

(This space for State Use)

APPROVED BY Sam T. Long TITLE SUPERVISOR DISTRICT # 3 DATE MAY 1 1980

CONDITIONS OF APPROVAL, IF ANY:

BOR is required



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

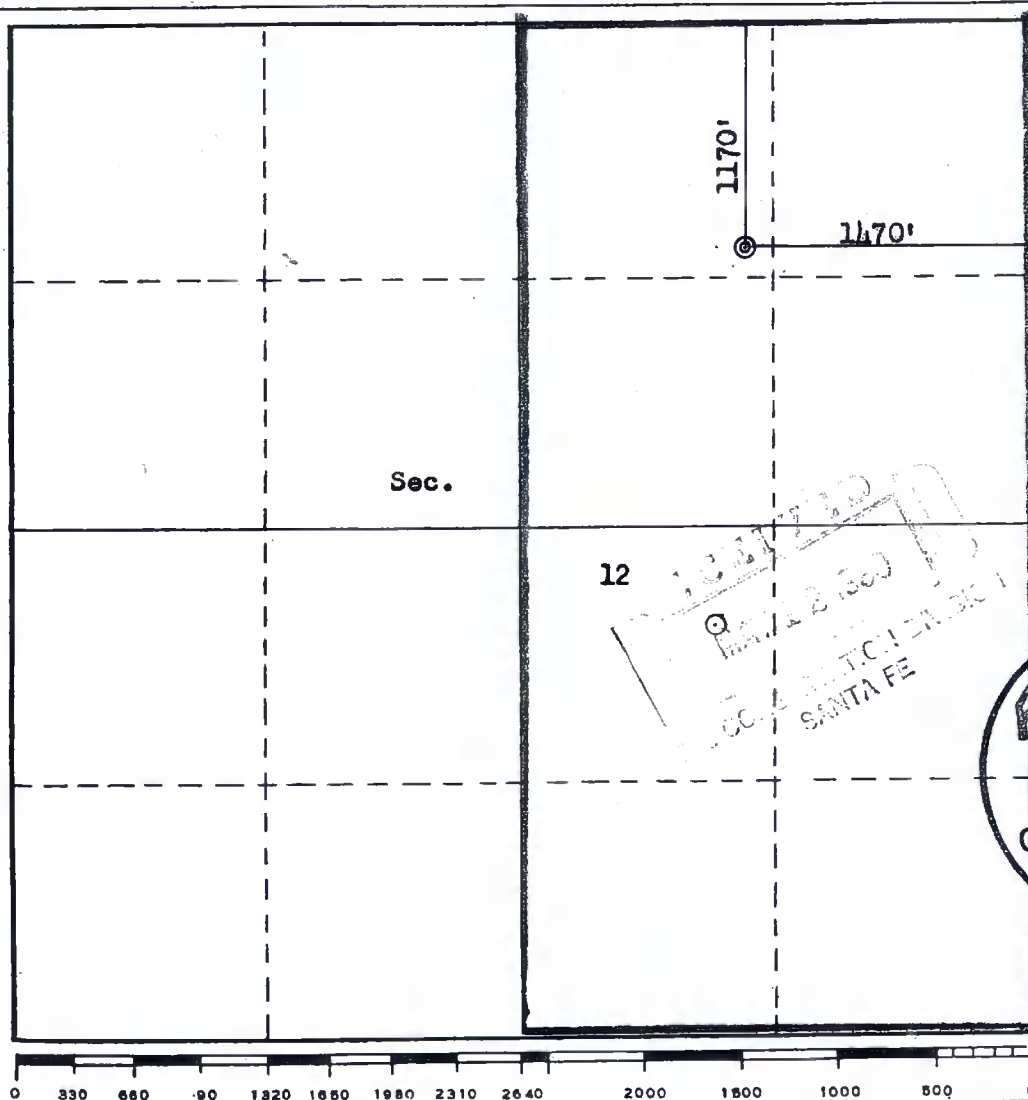
Operator <b>GETTY OIL COMPANY</b>		Lease <b>GARRETT-FEDERAL COM</b>		Well No. <b>1-E</b>
Unit Letter <b>B</b>	Section <b>12</b>	Township <b>29N</b>	Range <b>11W</b>	County <b>San Juan</b>
Actual Footage Location of Well:				
<b>1170</b>	feet from the <b>North</b>	line and	<b>1170</b>	feet from the <b>East</b>
Ground Level Elev. <b>5828</b>	Producing Formation <b>Dakota-Mesaverde</b>	Pool <b>Basin Dakota-Mesaverde</b>	Dedicated Acreage: <b>320/320</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

**4-28-80**

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

**RECEIVED**  
**MAY 11 1980**  
**OIL CON. COM.**

Date Surveyed  
Applied for  
Professional Engineer  
and/or Land Surveyor

*Fred B. Kerr Jr*  
**Fred B. 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

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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



Allen F. Buckingham  
William J. LeMay  
October 15, 1992  
Page 3

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:

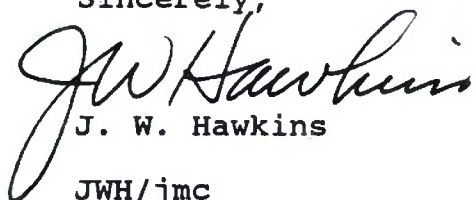
1. Amoco Production Company is an operator and owner of substantial mineral interest in the subject land.
2. The Dakota Formation (i.e. the vertical limits defined by the New Mexico Oil Conservation Division in the Basin Dakota Gas Pool from the base of the Greenhorn Limestone to a point 400 feet below 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

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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.

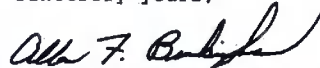
Included with this designation is a letter dated January 5, 1993, from the New Mexico Oil Conservation Division, signed by Michael E. Stogner, Chief Hearing Officer, signifying their concurrence with this designation.

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 98 MAR 4 AM 9 27  
PR25.2/SS

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

MAR 1 1993

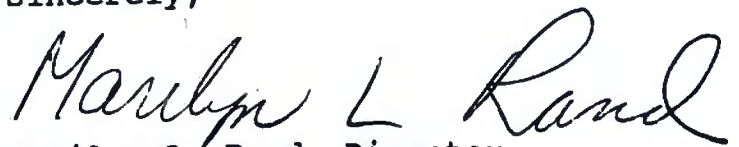
Re: Tight Formation Determination  
New Mexico-36  
Dakota Formation  
FERC No. JD93-02898T

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 6717-01-M

[Docket No. QF93-18-000]

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

January 15, 1993

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

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

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

**Linwood A. Watson, Jr.,**  
*Acting Secretary.*  
[FR Doc. 93-1787 Filed 1-25-93; 8:45 am]  
BILLING CODE 6717-01-M

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

January 15, 1993.

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

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

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

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

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

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

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

g. *Filed Pursuant to:* Federal Power Act, 16 U.S.C. § 791(a)-(2)(r).

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

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

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

k. With this notice, we are initiating consultation with the State Historic Preservation Officer (SHPO), as required by section 108, National Historic Preservation Act, and the regulations of the Advisory Council on Historic Preservation, 38 CFR, at § 800.4.

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

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

**Linwood A. Watson, Jr.,**  
*Acting Secretary.*  
[FR Doc. 93-1788 Filed 1-25-93; 8:45 am]  
BILLING CODE 6717-01-M

[Docket No. JD93-02896T 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 28 North, Range 11 West  
Township 29 North, Range 11 West  
Township 30 North, Range 11 West  
Township 31 North, Range 12 West  
Township 32 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  
Sections 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

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

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.

[FR Doc. 93-1789 Filed 1-25-93; 8:45 am]  
BILLING CODE 6717-01-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 *M/M* 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 6717-01-M

[Docket No. JD93-02318T Texas-94]

**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 6717-01-M