

**MERRION**

OIL &amp; GAS

June 4, 2001

JUN 7 2001

Mr. David Catanach  
New Mexico Oil Conservation Division  
2040 S. Pacheco St.  
Santa Fe, New Mexico 87505

**Re: Application for Administrative Approval  
Downhole Commingling  
Basin Dakota Pool and White Wash Gallup/Mancos Pool  
Non-standard Location – White Wash Gallup/Mancos Pool  
Federal 28-2E  
Section 28, T25N, R9W  
San Juan County, New Mexico**

Dear Mr. Catanach:

Merrion Oil & Gas (Merrion) requests administrative approval for downhole commingling of the Basin Dakota and the White Wash Gallup/Mancos Pools in the subject wellbore. In addition, Merrion requests administrative approval for a non-standard location for the White Wash Mancos completion. The following information is provided in support of this application.

I. History and Justification

The Federal 28-2E was drilled and completed in 1985 as a Dakota gas well. It has produced approximately 130,000 MCF and is marginally economic at less than 10 MCFD. To extend the economic life of the well, Merrion proposes to complete the Gallup/Mancos interval and commingle it with the Dakota Formation.

II. Proposed Spacing Units

Exhibit 1 is the ownership plat showing the offset operators. Exhibit 2 shows the C-102 plat for the Basin Dakota Pool with a 320 acre spacing unit in the W/2 of Section 28. Exhibit 3 is the C-102 plat for the White Wash Gallup/Mancos Pool with a 40 acre spacing unit in the NW/4 SW/4 of Section 28.

III. Non-standard Location

The well is closer than 330 feet to the southern boundary of the White Wash 40 acre spacing unit. Therefore, we need approval for a non-standard location. The non-standard location is necessary to utilize the existing wellbore.

IV. Allocation Methodology

Exhibit 4 shows the Dakota production from the Federal 28-2E while Exhibit 5 shows the production history of the Rudman Federal 1, an offset Gallup/Mancos well. Merrion proposes to obtain stabilized production tests on each zone separately and use a fixed percentage to allocate future production between the two zones. If subsequent data indicates the need, additional testing may be done in the future to adjust the allocation percentages.

V. Reservoir Fluid Compatibility

Water analyses are not available for wells in the immediate area. However, the waters of the Mancos and Dakota have been generally determined to be compatible across the basin based on other similar applications to the OCD.

VI. Cross Flow Between Zones

The reservoir pressure of both zones is estimated to be 1500 psig. Therefore, crossflow is not anticipated to be a problem.

VII. Well Ownership Notification

The ownership of the two zones is identical, so no notification is necessary.

VIII. Offset Operator Notification

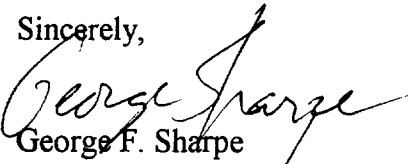
Exhibit 1 is a plat showing all offset operators. Exhibit 6 is a list of all the offset operators who received a certified copy of this application.

IX. Summary

The current Dakota completion is marginally economic. Reserves for the Gallup zone are not sufficient to justify drilling a new well. Commingling the zones will maximize reserves and protect correlative rights. Therefore, we request your approval of this application.

If you have questions or need additional information, please call me at (505) 327-9801, ext. 114.

Sincerely,

  
George F. Sharpe  
Manager - Oil & Gas Investments

xc: Offset Operators  
Aztec OCD, BLM-Farmington

**Application of Merrion Oil & Gas  
Downhole Commingling and Non-Standard Location  
Federal 28-2E**

Objections to this application must be sent to the NMOCD within 20 days of receipt of this application. If you do not object, please sign and fax this waiver sheet to George Sharpe at (505) 326-5900.

**WAIVER**

\_\_\_\_\_ hereby waives objection to this application.  
Company or Individual Name

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

District I  
1625 N. French Drive, Hobbs, NM 88240

District II  
811 South First Street, Artesia, NM 88210

District III  
1000 Rio Brazos Road, Aztec, NM 87410

District IV  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107A  
Revised May 15, 2000

**OIL CONSERVATION DIVISION**

2040 South Pacheco  
Santa Fe, New Mexico 87505

**APPLICATION TYPE**

☒ Single Well  
Establish Pre-Approved Pools  
EXISTING WELLBORE  
☒ Yes ☐ No

**APPLICATION FOR DOWNHOLE COMMINGLING**

**MERRION OIL & GAS CORPORATION, 610 Reilly Avenue, Farmington, NM 87401-2634**

Operator **FEDERAL 28** Address **2E L 28 25N 09W San Juan**  
Lease Well No. Unit Letter-Section-Township-Range County

OGRID No. **014634** Property Code **007786** API No. **30-045-26205** Lease Type: ☒ Federal ☐ State ☐ Fee ☐

DATA ELEMENT	UPPER ZONE	INTERMEDIATE ZONE	LOWER ZONE
Pool Name	White Wash Gallup-Mancos		Basin Dakota
Pool Code			71599
Top and Bottom of Pay Section (Perforated or Open-Hole Interval)	5366'-5634'		6437'-56'
Method of Production (Flowing or Artificial Lift)	To be pumped		Flowing
Bottomhole Pressure (Note: Pressure data will not be required if the bottom perforation in the lower zone is within 150% of the depth of the top perforation in the upper zone)	1500 psi		1500 psi
Oil Gravity or Gas BTU (Degree API or Gas BTU)	1350 BTU		BTU 1100
Producing, Shut-In or New Zone	Shut In - not completed yet		Producing
Date and Oil/Gas/Water Rates of Last Production. (Note: For new zones with no production history, applicant shall be required to attach production estimates and supporting data.)	Date: Rates: N/A	Date: Rates:	Date: June, 1999 Rates: 7 MCFD, 1 BWPD
Fixed Allocation Percentage (Note: If allocation is based upon something other than current or past production, supporting data or explanation will be required.)	Oil Gas Will be provided after Gallup is completed % %	Oil Gas % %	Oil Gas % %

**ADDITIONAL DATA**

Are all working, royalty and overriding royalty interests identical in all commingled zones? Yes ☒ No ☐  
If not, have all working, royalty and overriding royalty interest owners been notified by certified mail? Yes ☐ No ☐  
Are all produced fluids from all commingled zones compatible with each other? Yes ☒ No ☐  
Will commingling decrease the value of production? Yes ☐ No ☒  
If this well is on, or communitized with, state or federal lands, has either the Commissioner of Public Lands  
or the United States Bureau of Land Management been notified in writing of this application? Yes ☒ No ☐

NMOCD Reference Case No. applicable to this well: \_\_\_\_\_

**Attachments:**

C-102 for each zone to be commingled showing its spacing unit and acreage dedication.  
Production curve for each zone for at least one year. (If not available, attach explanation.)  
For zones with no production history, estimated production rates and supporting data.  
Data to support allocation method or formula.  
Notification list of working, royalty and overriding royalty interests for uncommon interest cases.  
Any additional statements, data or documents required to support commingling.

**PRE-APPROVED POOLS**

If application is to establish Pre-Approved Pools, the following additional information will be required:

List of other orders approving downhole commingling within the proposed Pre-Approved Pools  
List of all operators within the proposed Pre-Approved Pools  
Proof that all operators within the proposed Pre-Approved Pools were provided notice of this application.  
Bottomhole pressure data.

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

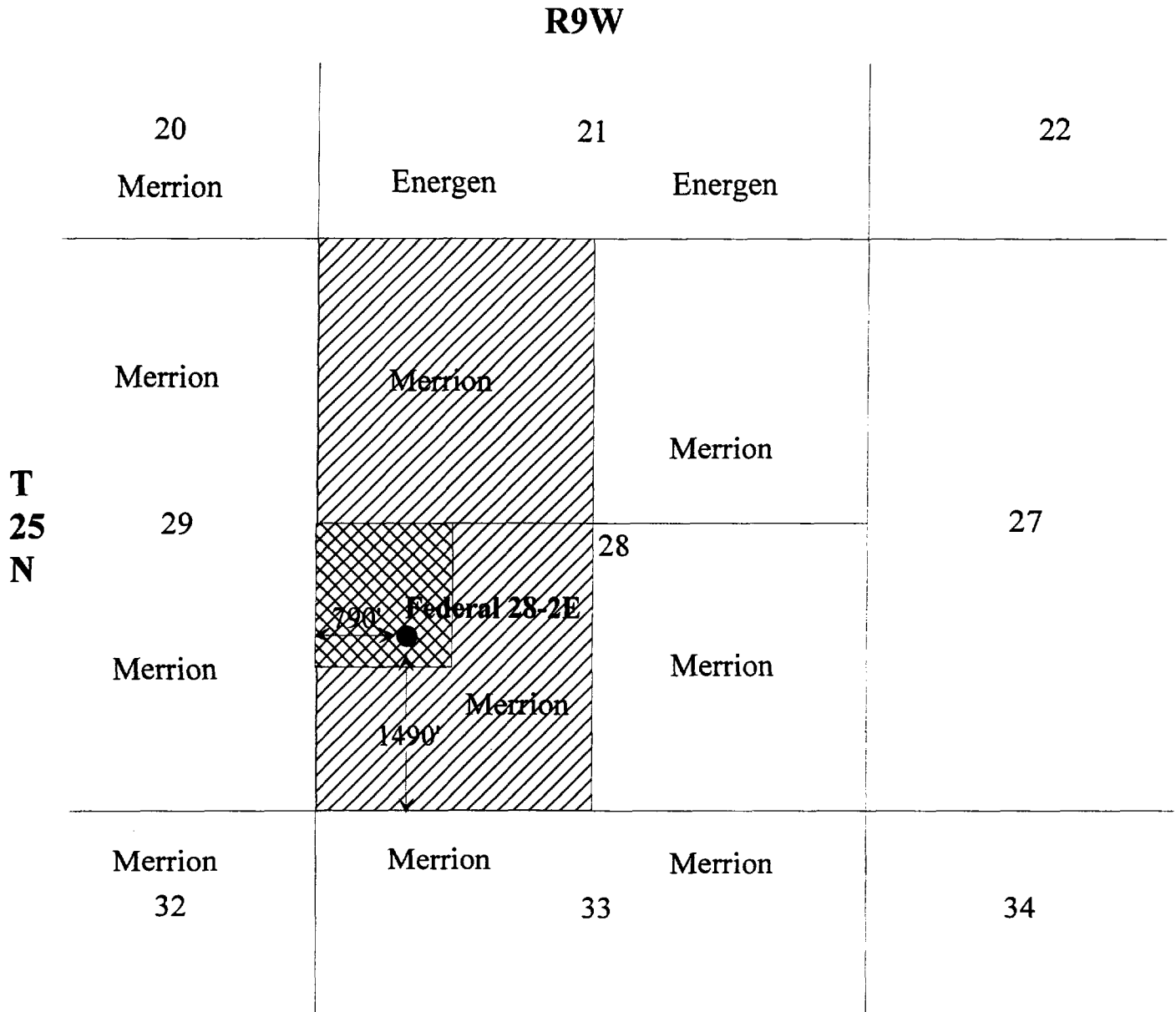
SIGNATURE George Sharpe TITLE Engineer DATE June 4, 2001

TYPE OR PRINT NAME George F. Sharpe TELEPHONE NO. (505) 327-9801 Ext. 114



# EXHIBIT 1

## FEDERAL 28-2E

### Downhole Commingling Application



### LEGEND

-  Mancos Spacing Unit
-  Dakota Spacing Unit

J. BRANNON			Lease FED 28		Well No. 2-E	
Letter L	Section 28	Township 25 NORTH	Range 9 WEST	County SAN JUAN		

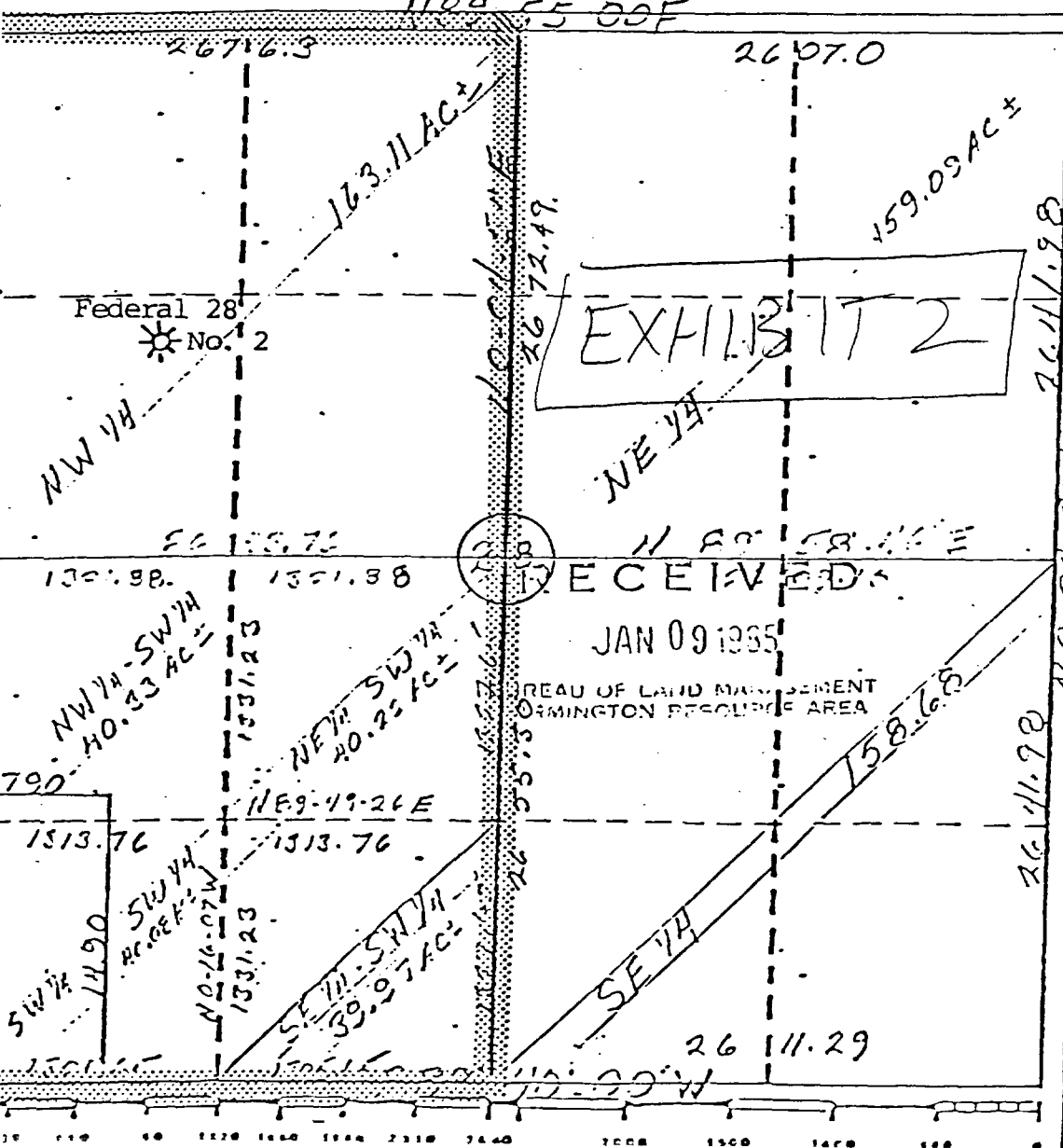
Well Location of Well  
1490 feet from the SOUTH line and 790 feet from the WEST line

Well Elev. 6712	Producing Formation Dakota	Pool Basin Dakota	Dedicated Acreage 320
--------------------	-------------------------------	----------------------	--------------------------

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below. (As per
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to well 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.	
FOR: M. J. BRANNON ORIGINAL SIGNED BY _____	
Name	EWELL N. WALSH
Position	President
Company	Walsh Engr. & Prod. Corp.
Date	1/8/85
I hereby certify that the well location shown on this plat was plotted from the notes of a duly licensed surveyor, and that the same is true and correct to the best of my knowledge and belief.	
Date Surveyed	JANUARY 5, 1985
Registered Professional Engineer and/or Land Surveyor	
George R. Tompkins	
Certificate No.	7259

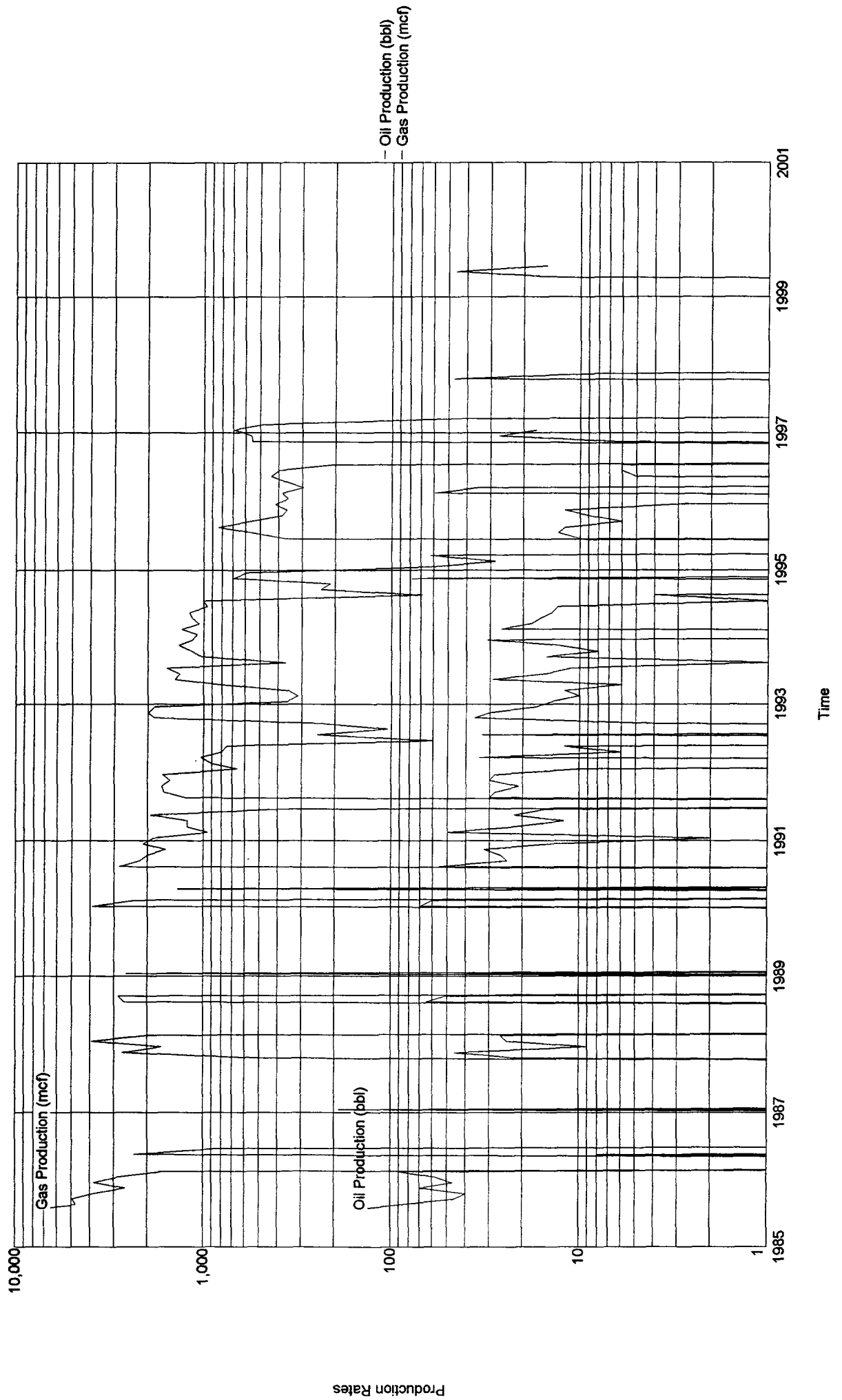
**2040 South Pacheco, Santa Fe, NM 87505**

16				<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>17 OPERATOR CERTIFICATION</b></p> <p><i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</i></p> <p style="text-align: center;"><i>George Sharpe</i></p> <p>Signature</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>George Sharpe</b></p> <p>Printed Name</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>Engineer</b></p> <p>Title</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>June 4, 2001</b></p> <p>Date</p> </div>
				<p style="font-size: 2em;">Exhibit 3</p> <hr style="width: 50%; margin: 10px auto;"/>
<div style="border: 2px dashed black; padding: 10px; margin-bottom: 10px;"> <p>-790' •</p> </div> <p style="font-size: 1.5em;">1490'</p>				<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p><b>18 SURVEYOR CERTIFICATION</b></p> <p><i>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</i></p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Date of Survey</p> </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> <p>Signature and Seal of Professional Surveyor:</p> </div> <div style="border: 1px solid black; padding: 5px;"> <p>Certificate Number</p> </div>

Lease Name: FEDERAL 28  
County, State: SAN JUAN, NM  
Operator: MERRION OIL & GAS CORPORATION  
Field: BASIN  
Reservoir: DAKOTA  
Location: 28 25N 9W SE NW SW

Exhibit 4

FEDERAL 28 - 2E BASIN 28 25N 9W SE NW SW



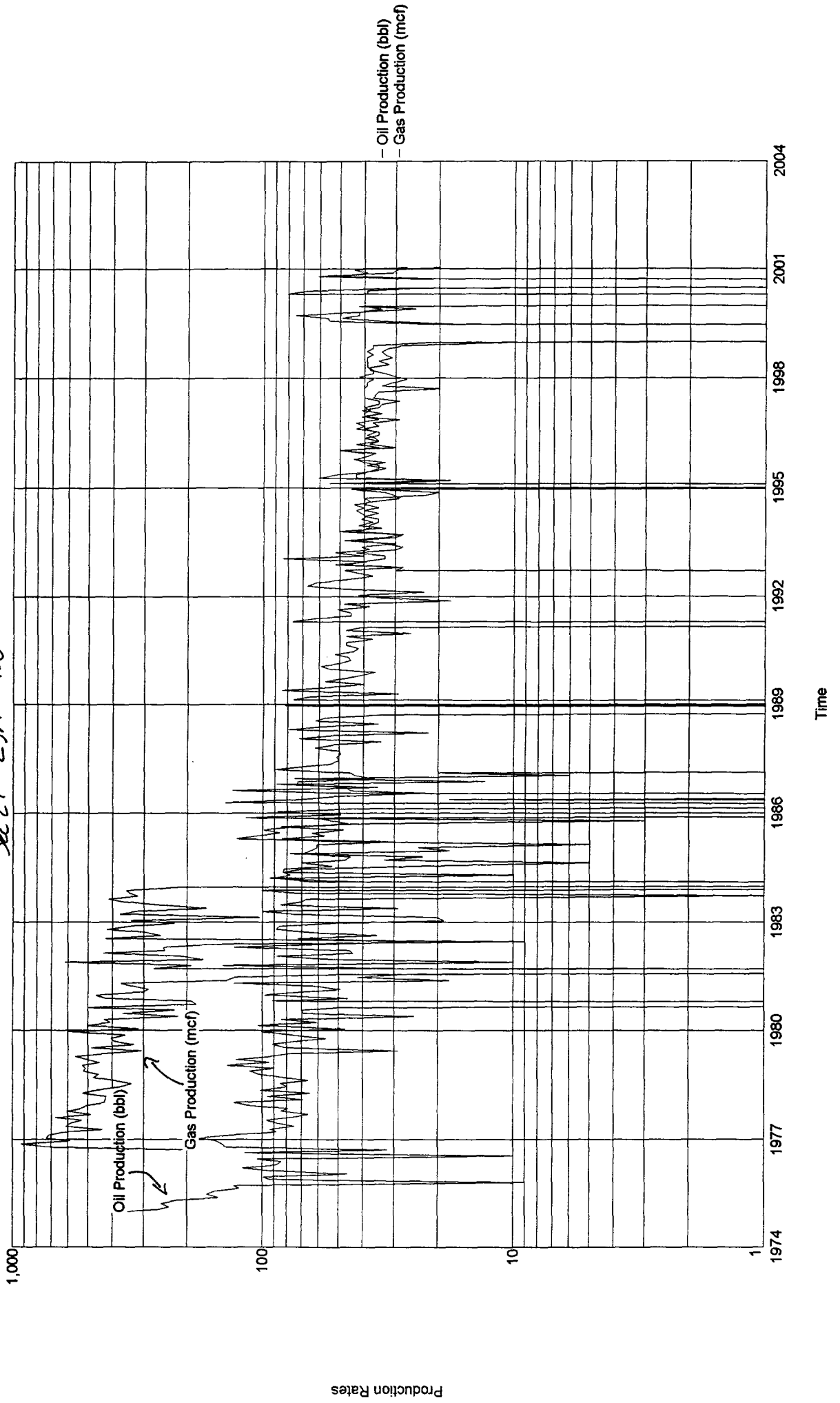


Lease Name: RUDMAN FEDERAL  
County, State: SAN JUAN, Unknown  
Operator: NESSCO INCORPORATED  
Field: MULTIPLE  
Reservoir: MULTIPLE  
Location:

Exhibit 5

# RUDMAN FEDERAL - MULTIPLE

See 27-25N-9W



**Exhibit "6"**

**Federal 28-2E Commingling Application  
Non-Standard Location Application  
Notification of Offset Operators**

**Energen Resources  
Attn: Rich Corcoran  
2198 Bloomfield Highway  
Farmington, NM 87401**

JUN 25 2001

June 18, 2001

New Mexico Oil Conservation Division  
Attn: Mr. David Catanach  
2040 S. Pacheco Street  
Santa Fe, New Mexico 87505

**RE: APPLICATION FOR ADMINISTRATIVE APPROVAL  
DOWNHOLE COMMINGLING  
BASIN DAKOTA POOL & WHITE WASH GALLUP/MANCOS POOL  
~~XXXXXXXXXXXXXXXXXXXX~~ WHITE WASH GALLUP/MANCOS POOL  
FEDERAL 28-2E  
SECTION 28, T25N-R9W  
SAN JUAN COUNTY, NEW MEXICO**

Dear Mr. Catanach:

This letter is to notify you that Energen Resources Corporation has no objection for administrative approval for downhole commingling of the Basin Dakota and the White Wash Gallup/Mancos Pools in the subject wellbore requested by Merrion Oil & Gas.

If you should have any questions please contact Rich Corcoran at (505) 326-6162.

Sincerely,

*Gillian Armenta*

Gillian Armenta  
Land Assistant

cc: Merrion Oil & Gas

**District I**  
1625 N. French Dr., Hobbs, NM 88240

**District II**  
811 South First, Artesia, NM 88210

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

**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

**OIL CONSERVATION DIVISION**  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☒ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

<sup>1</sup> API Number <b>30-045-26205</b>	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name <b>Bisti Lower Gallup</b>
<sup>4</sup> Property Code <b>007786</b>	<sup>5</sup> Property Name <b>FEDERAL 28</b>	<sup>6</sup> Well Number <b>2E</b>
<sup>7</sup> OGRID No. <b>014634</b>	<sup>8</sup> Operator Name <b>MERRION OIL &amp; GAS CORPORATION</b>	<sup>9</sup> Elevation <b>6712'</b>

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>L</b>	<b>28</b>	<b>25N</b>	<b>09W</b>	<b>NWSW</b>	<b>1490</b>	<b>South</b>	<b>790</b>	<b>West</b>	<b>San Juan</b>

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres <b>80</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<sup>16</sup> 	<sup>17</sup> <b>OPERATOR CERTIFICATION</b> I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.  Signature <b>George Sharpe</b> Printed Name <b>Engineer</b> Title <b>July 10, 2001</b> Date			
	<sup>18</sup> <b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. Date of Survey Signature and Seal of Professional Surveyor: Certificate Number			

# MERRION

OIL & GAS

610 Reilly Avenue  
Farmington, New Mexico 87401

|||||  
NMOCD  
Attn: Mr. Mike Stogner  
1220 S. St. Francis Drive  
Santa Fe, New Mexico 87505

87505+4000 |||||

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 4:17 PM  
**To:** Hayden, Steven  
**Cc:** Catanach, David  
**Subject:** RE: Merrion's Federal "28" #2-E

Thanks. I'll hold the application pending receipt of an amended C-102.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:32 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

I will take care of it. I will request another C-102 for the Bisti Lower Gallup Oil Pool with an 80 acre dedication.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 3:29 PM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard; Chavez, Frank  
**Subject:** RE: Merrion's Federal "28" #2-E

Is their proposed recompletion restricted just to the limited vertical extent of the **Lower Gallup** interval (whatever that is)?

If so, and since the Bisti Lower Gallup Oil Pool is spaced on 80 acres, would you like me to request an amended C-102 or will the Aztec office be the responsible party?

Thanks again. This information is needed for me to issue an accurate and correct order, otherwise, as you and I are aware, such inaccuracies and wrong information would only act to promulgate problems for the Division later on.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:09 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

Mike,

Going by the rule book, this will be a Bisti Lower Gallup Oil Pool Completion. The fictitious White Wash Gallup-Mancos Oil Pool has no standing and the White Wash Mancos-Dakota Oil Pool is further than the two mile limit for pool extensions. If there were no closer pool, I might stretch things to pick it up, but the Bisti pool will do better.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 2:10 PM  
**To:** Hayden, Steven  
**Cc:** Perrin, Charlie; Chavez, Frank; Ezeanyim, Richard  
**Subject:** Merrion's Federal "28" #2-E

I'm reviewing an application for Merrion Oil & Gas that was submitted on June 7, 2001 for the existing Federal "28" Well No. 2-E (**API No. 30-045-26205**) located 1490' FSL & 790' FWL (L) Sec. 28-T25N-R9W, which is to be recompleted into the oil bearing "Mancos/Gallup" interval. Their application is for an oil well in the "White Wash Gallup-Mancos Oil Pool" with 40-acre spacing. There of course is no such pool. However, there is a "White Wash Mancos-Dakota Oil Pool" that is just a little over two miles away that is governed under Rule 104.B (1). Just a little under two miles away is the "Bisti Lower Gallup Oil Pool" with special rules (80-acre spacing - see R-1069, as amended).

You can see my dilemma; I therefore need your advise/assistance/ help/suggestion, which pool will it be, what will the spacing be, what rules will apply?

Thanks.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 3:29 PM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard; Chavez, Frank  
**Subject:** RE: Merrion's Federal "28" #2-E

Is their proposed recompletion restricted just to the limited vertical extent of the **Lower Gallup** interval (whatever that is)?

If so, and since the Bisti Lower Gallup Oil Pool is spaced on 80 acres, would you like me to request an amended C-102 or will the Aztec office be the responsible party?

Thanks again. This information is needed for me to issue an accurate and correct order, otherwise, as you and I are aware, such inaccuracies and wrong information would only act to promulgate problems for the Division later on.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:09 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

Mike,  
Going by the rule book, this will be a Bisti Lower Gallup Oil Pool Completion. The fictitious White Wash Gallup-Mancos Oil Pool has no standing and the White Wash Mancos-Dakota Oil Pool is further than the two mile limit for pool extensions. If there were no closer pool, I might stretch things to pick it up, but the Bisti pool will do better.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 2:10 PM  
**To:** Hayden, Steven  
**Cc:** Perrin, Charlie; Chavez, Frank; Ezeanyim, Richard  
**Subject:** Merrion's Federal "28" #2-E

I'm reviewing an application for Merrion Oil & Gas that was submitted on June 7, 2001 for the existing Federal "28" Well No. 2-E (**API No. 30-045-26205**) located 1490' FSL & 790' FWL (L) Sec. 28-T25N-R9W, which is to be recompleted into the oil bearing "Mancos/Gallup" interval. Their application is for an oil well in the "White Wash Gallup-Mancos Oil Pool" with 40-acre spacing. There of course is no such



pool. However, there is a "White Wash Mancos-Dakota Oil Pool" that is just a little over two miles away that is governed under Rule 104.B (1). Just a little under two miles away is the "Bisti Lower Gallup Oil Pool" with special rules (80-acre spacing - see R-1069, as amended).

You can see my dilemma; I therefore need your advise/assistance/help/suggestion, which pool will it be, what will the spacing be, what rules will apply?

Thanks.

-----

**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 2:10 PM  
**To:** Hayden, Steven  
**Cc:** Perrin, Charlie; Chavez, Frank; Ezeanyim, Richard  
**Subject:** Merrion's Federal "28" #2-E

I'm reviewing an application for Merrion Oil & Gas that was submitted on June 7, 2001 for the existing Federal "28" Well No. 2-E (**API No. 30-045-26205**) located 1490' FSL & 790' FWL (L) Sec. 28-T25N-R9W, which is to be recompleted into the oil bearing "Mancos/Gallup" interval. Their application is for an oil well in the "White Wash Gallup-Mancos Oil Pool" with 40-acre spacing. There of course is no such pool. However, there is a "White Wash Mancos-Dakota Oil Pool" that is just a little over two miles away that is governed under Rule 104.B (1). Just a little under two miles away is the "Bisti Lower Gallup Oil Pool" with special rules (80-acre spacing - see R-1069, as amended).

You can see my dilemma; I therefore need your advise/assistance/ help/suggestion, which pool will it be, what will the spacing be, what rules will apply?

Thanks.

-----  
**From:** Stogner, Michael  
**Sent:** Tuesday, July 10, 2001 7:46 AM  
**To:** Hayden, Steven  
**Subject:** RE: Merrion's Federal "28" #2-E

I therefore assume that all of the Gallup interval is included within this pool.

-----  
**From:** Hayden, Steven  
**Sent:** Tuesday, July 10, 2001 7:25 AM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

Mike, I didn't see any vertical limits in the special pool rules for the Bisti Lower Gallup.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 4:17 PM  
**To:** Hayden, Steven  
**Cc:** Catanach, David  
**Subject:** RE: Merrion's Federal "28" #2-E

Thanks. I'll hold the application pending receipt of an amended C-102.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:32 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

I will take care of it. I will request another C-102 for the Bisti Lower Gallup Oil Pool with an 80 acre dedication.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 3:29 PM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard; Chavez, Frank  
**Subject:** RE: Merrion's Federal "28" #2-E

Is their proposed recompletion restricted just to the limited vertical extent of the **Lower Gallup** interval (whatever that is)?

If so, and since the Bisti Lower Gallup Oil Pool is spaced on 80 acres, would you like me to request an amended C-102 or will the Aztec office be the responsible party?

Thanks again. This information is needed for me to issue an accurate and correct order, otherwise, as you and I are aware, such inaccuracies and wrong information would only act to promulgate problems for the Division later on.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:09 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

Mike,

Going by the rule book, this will be a Bisti Lower Gallup Oil Pool Completion. The fictitious White Wash Gallup-Mancos Oil Pool has no standing and the White Wash Mancos-Dakota Oil Pool is further than the two mile limit for pool extensions. If there were no closer pool, I might stretch things to pick it up, but the Bisti pool will do better.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 2:10 PM  
**To:** Hayden, Steven  
**Cc:** Perrin, Charlie; Chavez, Frank; Ezeanyim, Richard  
**Subject:** Merrion's Federal "28" #2-E

I'm reviewing an application for Merrion Oil & Gas that was submitted on June 7, 2001 for the existing Federal "28" Well No. 2-E (**API No. 30-045-26205**) located 1490' FSL & 790' FWL (L) Sec. 28-T25N-R9W, which is to be recompleted into the oil bearing "Mancos/Gallup" interval. Their application is for an oil well in the "White Wash Gallup-Mancos Oil Pool" with 40-acre spacing. There of course is no such pool. However, there is a "White Wash Mancos-Dakota Oil Pool" that is just a little over two miles away that is governed under Rule 104.B (1). Just a little under two miles away is the "Bisti Lower Gallup Oil Pool" with special rules (80-acre spacing - see R-1069, as amended).

You can see my dilemma; I therefore need your advise/assistance/help/suggestion, which pool will it be, what will the spacing be, what rules will apply?

Thanks.

-----  
**From:** Hayden, Steven  
**Sent:** Tuesday, July 10, 2001 7:25 AM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

Mike, I didn't see any vertical limits in the special pool rules for the Bisti Lower Gallup.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 4:17 PM  
**To:** Hayden, Steven  
**Cc:** Catanach, David  
**Subject:** RE: Merrion's Federal "28" #2-E

Thanks. I'll hold the application pending receipt of an amended C-102.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:32 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

I will take care of it. I will request another C-102 for the Bisti Lower Gallup Oil Pool with an 80 acre dedication.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 3:29 PM  
**To:** Hayden, Steven  
**Cc:** Ezeanyim, Richard; Chavez, Frank  
**Subject:** RE: Merrion's Federal "28" #2-E

Is their proposed recompletion restricted just to the limited vertical extent of the **Lower Gallup** interval (whatever that is)?

If so, and since the Bisti Lower Gallup Oil Pool is spaced on 80 acres, would you like me to request an amended C-102 or will the Aztec office be the responsible party?

Thanks again. This information is needed for me to issue an accurate and correct order, otherwise, as you and I are aware, such inaccuracies and wrong information would only act to promulgate problems for the Division later on.

-----  
**From:** Hayden, Steven  
**Sent:** Monday, July 09, 2001 3:09 PM  
**To:** Stogner, Michael  
**Subject:** RE: Merrion's Federal "28" #2-E

Mike,  
Going by the rule book, this will be a Bisti Lower Gallup Oil Pool Completion. The fictitious White Wash Gallup-Mancos Oil Pool has no standing and the White Wash Mancos-Dakota Oil Pool is further than the two mile limit for pool extensions. If there were no closer pool, I might stretch things to pick it up, but the Bisti pool will do better.

-----  
**From:** Stogner, Michael  
**Sent:** Monday, July 09, 2001 2:10 PM

**To:** Hayden, Steven  
**Cc:** Perrin, Charlie; Chavez, Frank; Ezeanyim, Richard  
**Subject:** Merrion's Federal "28" #2-E

I'm reviewing an application for Merrion Oil & Gas that was submitted on June 7, 2001 for the existing Federal "28" Well No. 2-E (**API No. 30-045-26205**) located 1490' FSL & 790' FWL (L) Sec. 28-T25N-R9W, which is to be recompleted into the oil bearing "Mancos/Gallup" interval. Their application is for an oil well in the "White Wash Gallup-Mancos Oil Pool" with 40-acre spacing. There of course is no such pool. However, there is a "White Wash Mancos-Dakota Oil Pool" that is just a little over two miles away that is governed under Rule 104.B (1). Just a little under two miles away is the "Bisti Lower Gallup Oil Pool" with special rules (80-acre spacing - see R-1069, as amended).

You can see my dilemma; I therefore need your advise/assistance/help/suggestion, which pool will it be, what will the spacing be, what rules will apply?

Thanks.

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

07/09/01 12:50:44  
OGOMES -TPZI

API Well No : 30 45 26205    Eff Date : 06-01-1985    WC Status : S  
Pool Idn : 71599 BASIN DAKOTA (PRORATED GAS)  
OGRID Idn : 14634 MERRION OIL & GAS CORP  
Prop Idn : 7786 FEDERAL 28

Well No : 002E  
GL Elevation: 6712

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn : L	28	25N	09W	FTG 1490 F S	FTG 790 F W		P

Lot Identifier:  
Dedicated Acre: 320.00  
Lease Type : F  
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

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1308  
Order No. R-1069

APPLICATION OF SUNRAY MID-CONTINENT  
OIL COMPANY FOR AN ORDER EXTENDING  
THE HORIZONTAL LIMITS OF THE BISTI-  
LOWER GALLUP OIL POOL IN SAN JUAN  
COUNTY, NEW MEXICO, AND TEMPORARILY  
ESTABLISHING UNIFORM 80-ACRE WELL  
SPACING AND PROMULGATING SPECIAL  
RULES AND REGULATIONS FOR SAID POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 18, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 9th., day of October, 1957, the Commission, a quorum being present, having considered the application and the evidence adduced, and being fully advised in the premises,

FINDS:

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the applicant, Sunray Mid-Continent Oil Company, proposes to include within the horizontal limits of the Bisti-Lower Gallup Oil Pool a large amount of acreage which has not yet been proven productive.
- (3) That the Commission should continue to follow its established policy of extending the horizontal limits of oil and gas pools in the State of New Mexico to include only such acreage as has been proven productive by actual drilling operations.
- (4) That the applicant proposes to establish a uniform 80-acre well spacing pattern in the Bisti-Lower Gallup Oil Pool for a period of one year.
- (5) That the applicant has failed to prove that the Bisti-Lower Gallup Oil Pool can be adequately drained by an 80-acre well spacing pattern.



(6) That the Bisti-Lower Gallup Oil Pool should be developed on a uniform 40-acre well spacing pattern in accordance with the Rules and Regulations of the Oil Conservation Commission.

IT IS THEREFORE ORDERED:

That the application of Sunray Mid-Continent Oil Company for an order establishing uniform 80-acre well spacing in the Bisti-Lower Gallup Oil Pool for a period of one year and extending the horizontal limits of said pool to include the following described acreage:

TOWNSHIP 24 NORTH, RANGE 10 WEST, NMPM

Sections 2 & 3: All

Section 4: S/2

TOWNSHIP 25 NORTH, RANGE 10 WEST, NMPM

Sections 19, 26, 27, and 28: All

Section 31: S/2

Section 35: All

TOWNSHIP 25 NORTH, RANGE 11 WEST, NMPM

Sections 7, 13, 14, and 15: All

Section 16: N/2

Section 24: All

Section 27: SW/4

Sections 28, 29, 30, 35, and 36: All

TOWNSHIP 25 NORTH, RANGE 12 WEST, NMPM

Section 3: All

Section 4: N/2

Section 5: NE/4

Section 7: SW/4

Section 10: E/2

Sections 11 and 12: All

Section 17: SW/4

Section 18: All

Section 25: S/2

TOWNSHIP 25 NORTH, RANGE 13 WEST, NMPM

Section 1: SW/4

Section 2: All

Section 3: S/2 and NE/4

Sections 4 and 11: All

Section 12: S/2 and NW/4

TOWNSHIP 26 NORTH, RANGE 12 WEST, NMPM

Section 31: N/2

Section 32: All

-3-

Case No. 1308

Order No. R-1069

TOWNSHIP 26 NORTH, RANGE 13 WEST, NMPM

Section 26: N/2

Section 29: S/2, NW/4, and W/2 NE/4

Sections 30, 31, and 32: All

Section 36: NE/4

all in San Juan County, New Mexico,

be and the same is hereby denied.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

ir/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1308  
Order No. R-1069-A

IN THE MATTER OF THE APPLICATION  
OF SUNRAY MID-CONTINENT OIL COMPANY  
FOR AN ORDER EXTENDING THE HORIZONTAL  
LIMITS OF THE BISTI-LOWER GALLUP OIL  
POOL IN SAN JUAN COUNTY, NEW MEXICO,  
AND TEMPORARILY ESTABLISHING UNIFORM  
80-ACRE WELL SPACING AND PROMULGATING  
SPECIAL RULES AND REGULATIONS.

ORDER OF THE COMMISSION FOR REHEARING

BY THE COMMISSION:

This cause came on for consideration for a rehearing upon the petition of Sunray Mid-Continent Oil Company, Phillips Petroleum Company, Amerada Petroleum Corporation, The Texas Company, Skelly Oil Company, Sinclair Oil & Gas Company, British-American Oil Producing Company, Magnolia Petroleum Company, Anderson-Prichard Oil Corporation, Lion Oil Company, and Southern Union Gas Company.

NOW, on this 4th day of November, 1957, the Commission, a quorum being present, having considered the petitions for rehearing,

FINDS:

(1) That Order No. R-1069 was entered in Case No. 1308 on October 9, 1957.

(2) That petitions for rehearing in Case No. 1308, Order No. R-1069, were received by the Commission from the above-named companies within the time prescribed by law.

(3) That a rehearing should be held on Case No. 1308, Order No. R-1069, at 9 o'clock a.m. on December 18, 1957, at Mabry Hall, State Capitol, Santa Fe, New Mexico, to permit all interested parties to appear and present new evidence on the issues raised in the petitions for rehearing.

IT IS THEREFORE ORDERED:

That the above-styled cause be reopened and a rehearing be held at 9 o'clock a.m. on December 18, 1957, at Mabry Hall, State Capitol, Santa Fe, New Mexico, at which time and place all interested parties may appear.

IT IS FURTHER ORDERED:

That testimony on rehearing shall be limited to new evidence on the issues raised in the petitions for rehearing.

IT IS FURTHER ORDERED:

That Order No. R-1069 shall remain in full force and effect until further order of the Commission.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

ir/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1308  
Order No. R-1069-B

APPLICATION OF SUNRAY MID-CONTINENT  
OIL COMPANY FOR AN ORDER EXTENDING  
THE HORIZONTAL LIMITS OF THE BISTI-  
LOWER GALLUP OIL POOL, IN SAN JUAN  
COUNTY, NEW MEXICO, AND TEMPORARILY  
ESTABLISHING UNIFORM 80-ACRE WELL  
SPACING AND PROMULGATING SPECIAL  
RULES AND REGULATIONS FOR SAID POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m., on September 18, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," and that this cause came on for rehearing before the Commission, upon the petition of Sunray Mid-Continent Oil Company et al., at 9 o'clock a.m. on December 18, 1957 at Santa Fe, New Mexico.

NOW, on this 17th day of January, 1958, the Commission, a quorum being present, having considered the application, the petitions for rehearing, and the evidence adduced at both the original hearing and the rehearing and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That Order No. R-1069 should be superseded by this order.

(3) That the Commission found in Order No. R-1069 that "...the Commission should continue to follow its established policy of extending the horizontal limits of oil and gas pools in the State of New Mexico to include only such acreage as has been proven productive by actual drilling operations."

(4) That the petitioners on rehearing failed to show cause why the Commission should deviate from the aforementioned policy in the Bisti-Lower Gallup Oil Pool.

(5) That sufficient evidence was adduced by the petitioners on rehearing, in addition to the evidence adduced at the original hearing, to justify the establishment of 80-acre proration units in the Bisti-Lower Gallup Oil Pool on a temporary basis.

(6) That 80-acre proration units should be temporarily established in the Bisti-Lower Gallup Oil Pool and that all wells drilled to or completed in said pool should be located on a unit containing 80 acres, more or less, which consists of either the North half or the South half of a single governmental quarter section; and further that all wells drilled in the Bisti-Lower Gallup Oil Pool should be located within 100 feet of the center of either quarter-quarter section; provided however, that the rules should not prohibit the drilling of a well on each of the quarter-quarter sections in an 80-acre proration unit.

(7) That the Secretary-Director of the Commission should have authority to grant exceptions to the foregoing spacing and well location requirements without the necessity of a formal hearing.

(8) That an 80-acre proration unit in the Bisti-Lower Gallup Oil Pool should be assigned an 80-acre proportional factor of two (2) for allowable purposes, and that in the event there is more than one well on an 80-acre proration unit, the operator should be permitted to produce the unit's allowable from said wells in any proportion.

(9) That any well which was projected to or completed in the Bisti-Lower Gallup Oil Pool prior to the effective date of this order should be granted an exception to the 80-acre spacing and well location requirements set forth above, and that any such excepted well should be assigned an allowable which is in the proportion to the standard 80-acre allowable that the well's dedicated acreage bears to 80-acres; provided however, that the allowable for any such excepted well should be increased to that of a standard unit upon receipt by the Commission of proper notice that such well has 80 acres dedicated thereto.

IT IS THEREFORE ORDERED:

(1) That Order No. R-1069 dated October 9, 1957, be and the same is hereby superseded by this order.

(2) That the application of Sunray Mid-Continent Oil Company to extend the horizontal limits of the Bisti-Lower Gallup Oil Pool to include acreage which has not been proven productive by actual drilling operations be and the same is hereby denied.

(3) That any well which was drilling to or completed in the Bisti-Lower Gallup Oil Pool prior to January 25, 1958, be and the same is hereby granted an exception to the well location requirements of Rule 3 of the Special Rules and Regulations for the Bisti-Lower Gallup Oil Pool hereinafter set forth, and that any such well which is located on a tract comprising either the North half or the South half of a governmental quarter section on which 80-acre unit there is located more than one well, be and the same is hereby granted an exception to the requirements of Rule 2 of the Special Rules and Regulations hereinafter set forth; further, that all such excepted wells shall be assigned an allowable effective at 7 o'clock a.m. Mountain Standard Time, March 1, 1958,

which allowable shall bear the same proportion to the standard 80-acre allowable for the Bisti-Lower Gallup Oil Pool that the acreage dedicated to such well bears to 80 acres; provided however, that the allowable for any such excepted well may be increased to that of a standard 80-acre unit by the dedication to the well of additional acreage sufficient to constitute a standard 80-acre proration unit, said allowable to become effective on the date of receipt by the Commission of an amended Form C-128, Well Location and Acreage Dedication Plat, showing the increased acreage dedication. Provided however, that no well shall be assigned an 80-acre allowable in the Bisti-Lower Gallup Oil Pool prior to March 1, 1958.

(4) That the effective date of this order shall be March 1, 1958.

(5) That this order shall be of no further force nor effect after February 28, 1959.

(6) That a case be called for the regular Commission hearing in January, 1959, to permit all interested parties to appear and show cause why the Special Rules and Regulations hereinafter set forth should be continued beyond February 28, 1959.

(7) That special pool rules for the Bisti-Lower Gallup Oil Pool be and the same are hereby promulgated as follows:

**SPECIAL RULES AND REGULATIONS  
FOR THE BISTI-LOWER GALLUP OIL POOL**

**RULE 1.** Any well projected to or completed in the Lower Gallup formation within one mile of the boundaries of the Bisti-Lower Gallup Oil Pool shall be spaced, drilled, operated, and prorated in accordance with the Special Rules and Regulations hereinafter set forth.

**RULE 2.** All wells projected to or completed in the Bisti-Lower Gallup Oil Pool shall be located on a unit containing 80 acres, more or less, which consists of either the North half or the South half of a single governmental quarter section.

**RULE 3.** All wells projected to or completed in the Bisti-Lower Gallup Oil Pool shall be located within 100 feet of the center of either quarter-quarter section in the unit; provided however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in an 80-acre unit.

**RULE 4.** The Secretary-Director of the Commission may grant exceptions to the requirements of Rule 2 and, for topographical reasons only, to the requirements of Rule 3 above without notice and hearing where the application is filed in due form, provided the applicants furnish all operators within a 2640-foot radius of the subject well a copy of the application to the Commission, and provided further that the

Secretary-Director of the Commission shall wait at least twenty days before approving any such application and that no such application shall be approved over the objection of an offset operator. In the event an offset operator objects to the application, the Commission shall consider the matter only after proper notice and hearing. The applicant shall include with his application a list of names and addresses of all the operators within the radius set forth above together with a stipulation that proper notice of the application has been given said operators.

RULE 5. An 80-acre proration unit in the Bisti-Lower Gallup Oil Pool shall be assigned an 80-acre proportional factor of two (2) for allowable purposes, and in the event there is more than one well on an 80-acre proration unit, the operator may produce the allowable assigned to the unit from said wells in any proportion.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

ir/



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1308  
Order No. R-1069-C

APPLICATION OF SUNRAY MID-CONTINENT  
OIL COMPANY FOR AN ORDER EXTENDING  
THE HORIZONTAL LIMITS OF THE BISTI-  
LOWER GALLUP OIL POOL IN SAN JUAN  
COUNTY, NEW MEXICO, AND TEMPORARILY  
ESTABLISHING UNIFORM 80-ACRE WELL  
SPACING AND PROMULGATING SPECIAL  
RULES AND REGULATIONS FOR SAID POOL.

ORDER OF THE COMMISSION FOR REHEARING

BY THE COMMISSION:

This cause came on for consideration upon the petition of Shell Oil Company for a rehearing in Case No. 1308, Order No. R-1069-B, heretofore entered by the Commission on January 17, 1958.

NOW, on this 12th day of February, 1958, the Commission, a quorum being present, having considered the petition,

HEREBY ORDERS:

That the above-styled cause be reopened and a rehearing be held at 9 o'clock a.m. on March 13, 1958, at Mabry Hall, State Capital, Santa Fe, New Mexico.

IT IS FURTHER ORDERED:

That the testimony on rehearing shall be limited to new evidence upon the issues raised in the petition for rehearing.

IT IS FURTHER ORDERED:

That Order No. R-1069-B shall remain in full force and effect pending the issuance of any further order in this case.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF THE STATE OF NEW  
MEXICO FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 1308  
Order No. R-1069-D

APPLICATION OF SUNRAY MID-CONTINENT  
OIL COMPANY FOR AN ORDER EXTENDING  
THE HORIZONTAL LIMITS OF THE BISTI-  
LOWER GALLUP OIL POOL, IN SAN JUAN  
COUNTY, NEW MEXICO, AND TEMPORARILY  
ESTABLISHING UNIFORM 80-ACRE WELL  
SPACING AND PROMULGATING SPECIAL RULES  
AND REGULATIONS FOR SAID POOL.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on September 18, 1957, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission," and this cause came on for rehearing before the Commission, upon the petition of Sunray Mid-Continent Oil Company et al., at 9 o'clock a.m., on December 18, 1957, at Santa Fe, New Mexico, and this cause came on for rehearing before the Commission, upon the petition of Shell Oil Company, at 9 o'clock a.m., on March 13, 1958, at Santa Fe, New Mexico.

NOW, on this 10th. day of April, 1958, the Commission, a quorum being present, having considered the application, the petitions for rehearings, and the testimony and evidence adduced at both the original hearing and the subsequent rehearings, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That in light of all the evidence, testimony and arguments presented at the rehearing in the subject case held on March 13, 1958, the Commission reaffirms each and every finding made in Order No. R-1069-B.

(3) That in deciding Case No. 1308, Order No. R-1069-B, the Commission determined that one well would efficiently and economically drain 80 acres in the Bisti-Lower Gallup Oil Pool and that such determination is inherent in finding No. (5) and finding No. (6) of Order No. R-1069-B; and further, that in making such determination the Commission took into consideration the economic loss caused by the drilling of unnecessary wells, the protection of correlative rights, including those

of royalty owners, the prevention of waste, the avoidance of the augmentation of risks arising from the drilling of an excessive number of wells, and the prevention of reduced recovery which might result from the drilling of too few wells.

(4) That in order to afford each owner in a pool the opportunity to produce his just and equitable share of the oil or gas, or both, in said pool, a well located on a smaller than standard proration unit must be assigned an allowable, in the proportion that the acreage in said non-standard proration unit bears to the acreage in the standard-sized proration unit for the pool as established by the Commission.

(5) That the petition of Shell Oil Company to rescind or revoke Order No. R-1069-B should be denied and that Order No. R-1069-B should be continued in full force and effect until March 1, 1959, at which time said order expires by its own terms.

IT IS THEREFORE ORDERED:

That the petition of Shell Oil Company to rescind or revoke Order No. R-1069-B be and the same is hereby denied, and that Order No. R-1069-B shall remain in full force and effect until March 1, 1959.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

EDWIN L. MECHEM, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

1r/

**BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO**

**IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:**

**CASE NO. 1308  
Order No. R-1069-E**

**APPLICATION OF SUNRAY MID-CONTINENT OIL  
COMPANY TO MAKE PERMANENT THE SPECIAL  
RULES AND REGULATIONS FOR THE BISTI-  
LOWER GALLUP OIL POOL, SAN JUAN COUNTY,  
NEW MEXICO, AS SET FORTH IN ORDER NO.  
R-1069-B.**

**ORDER OF THE COMMISSION**

**BY THE COMMISSION:**

This cause came on for hearing at 9 o'clock a.m. on September 18, 1957, December 18, 1957, March 13, 1958, and again on January 14, 1959, at Santa Fe, New Mexico, before the Oil Conservation Commission of New Mexico, hereinafter referred to as the "Commission."

NOW, on this 2nd day of February, 1959, the Commission, a quorum being present, having considered the application and the evidence adduced, and being fully advised in the premises,

**FINDS:**

- (1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.
- (2) That the preponderance of the evidence presented in this case indicates that one well will efficiently and economically drain 80 acres in the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.
- (3) That the Special Rules and Regulations for the Bisti-Lower Gallup Oil Pool, as set forth in Order No. R-1069-B, should be continued in effect until further order of the Commission.

**IT IS THEREFORE ORDERED:**

- (1) That the Special Rules and Regulations for the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico, as set forth in Order No. R-1069-B, be and the same are hereby continued in effect until further order of the Commission.

(2) That this order shall become effective March 1, 1959.

DONE at Santa Fe, New Mexico, on the day and year herein-  
above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

JOHN BURROUGHS, Chairman

MURRAY E. MORGAN, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

ir/

BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO FOR  
THE PURPOSE OF CONSIDERING:

CASE NO. 4949  
Order No. R-1069-F

APPLICATION OF SKELLY OIL COMPANY  
FOR THE AMENDMENT OF ORDER NO.  
R-1069-B, SAN JUAN COUNTY,  
NEW MEXICO.

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on April 25, 1973, at Santa Fe, New Mexico, before Examiner Richard L. Stamets.

NOW, on this 25th day of June, 1973, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Skelly Oil Company, is the owner-operator of the J. C. Daum Well No. 1 located in Unit I of Section 26, Township 25 North, Range 11 West, NMPM, Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico.

(3) That the Bisti-Lower Gallup Oil Pool in the area of said well has been depleted by primary and secondary recovery techniques and is now capable of only marginal production.

(4) That applicant's J. C. Daum Well No. 1 has a gas-oil ratio in excess of 50,000 to 1, and that said well's allowable is restricted due to this high gas-oil ratio.

(5) That said well is located in an area of the Bisti-Lower Gallup Oil Pool where casing failures have occurred and that should such a failure occur in said well before said well is depleted, hydrocarbons could be wasted through non-production.

(6) That the applicant seeks the amendment to the special pool rules of the Bisti-Lower Gallup Oil Pool to include provisions for the classification of gas wells in said pool and the dedication of 320 acres thereto.

(7) That the applicant further seeks approval of a 320-acre proration unit consisting of the SE/4 of Section 26 and the NE/4 of Section 35, Township 25 North, Range 11 West, NMPM, to be dedicated to said J. C. Daum Well No. 1.

(8) That the evidence indicates that said well can efficiently and economically drain said 320 acre tract.

(9) That the resultant higher allowables should permit the applicant to deplete said well at an earlier date minimizing the risk of waste due to casing failure.

(10) That wells producing in the Bisti-Lower Gallup Oil Pool with gas-oil ratios in excess of 50,000 to 1 should be permitted to have dedicated thereto up to 320 acres and be assigned oil and casinghead gas allowables in proportion as the dedicated acreage relates to 80 acres; that approval of amendments to the special pool rules for the Bisti-Lower Gallup Oil Pool to provide for the same is in the interest of conservation, will prevent waste, and protect correlative rights.

IT IS THEREFORE ORDERED:

(1) That the special pool rules for the Bisti-Lower Gallup Oil Pool are amended to include:

RULE 6. Any well in the Bisti-Lower Gallup Oil Pool with a gas-oil ratio of 50,000 cubic feet or more of gas per barrel of oil may have dedicated to it up to 320 acres.

RULE 7. That the acreage dedicated under Rule 6 above shall be all or part of a single governmental half section.

RULE 8. That acceptance of Commission Form C-102 by the Supervisor of the Aztec District office of the Commission shall constitute approval of the proration unit.

RULE 9. That wells in the Bisti-Lower Gallup Oil Pool shall be permitted to produce a casinghead gas allowable obtained by multiplying the top unit oil allowable for the pool by 2,000 and by a fraction, the numerator of which is the number of acres dedicated to the particular well and the denominator of which is 80.

IT IS FURTHER ORDERED:

(1) That the SE/4 of Section 26 and the NE/4 of Section 35, Township 25 North, Range 11 West, NMPM, is hereby approved as a 320-acre proration unit to be dedicated to applicant's J. C. Daum Well No. 1, located in Unit I of said Section 26 in said pool.

-3-

Case No. 4949

Order No. R-1069-F

(2) That the dedication shall be effective after the effective date of this order and upon the receipt of a proper Form C-102 by the Aztec District Office of the Commission.

(3) That the effective date of this order shall be June 1, 1973.

(4) That jurisdiction of this cause is hereby retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION

I. R. TRUJILLO, Chairman

ALEX J. ARMIJO, Member

A. L. PORTER, Jr., Member & Secretary

S E A L

dr/



BEFORE THE OIL CONSERVATION COMMISSION  
OF THE STATE OF NEW MEXICO

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
COMMISSION OF NEW MEXICO ON ITS  
OWN MOTION TO CONSIDER THE AMENDMENT  
OF SPECIAL POOL RULES, SAN JUAN COUNTY,  
NEW MEXICO.

CASE NO. 5631  
Order No. R-1069-G

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 a.m. on March 3, 1976, at Santa Fe, New Mexico, before Examiner, Richard L. Stamets.

NOW, on this 23rd day of March, 1976, the Commission, a quorum being present, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Commission has jurisdiction of this cause and the subject matter thereof.

(2) That there is need to amend the Special Pool Rules for the Bisti-Lower Gallup Oil Pool, San Juan County, New Mexico, to permit the drilling of a well at any point within a 40-acre tract not closer than 330 feet to the outer boundary thereof.

(3) That the proposed amendment may permit the recovery of additional volumes of oil from said pool, thereby preventing waste, will not violate correlative rights, and should be approved.

IT IS THEREFORE ORDERED:

(1) That Rule 3. of the Special Rules and Regulations for the Bisti-Lower Gallup Oil Pool, San Juan County, is hereby amended to read in its entirety as follows:

"RULE 3. All wells projected to or completed in the Bisti-Lower Gallup Oil Pool shall be located no closer than 330 feet to any quarter-quarter section boundary of the proration unit; provided however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each quarter-quarter section of the unit."

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Commission may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year hereinabove designated.

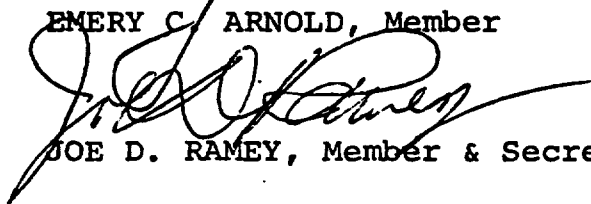
STATE OF NEW MEXICO  
OIL CONSERVATION COMMISSION



PHIL R. LUCERO, Chairman



EMERY C. ARNOLD, Member



JOE D. RAMEY, Member & Secretary

S E A L

dr/

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT  
OIL CONSERVATION DIVISION

IN THE MATTER OF THE HEARING  
CALLED BY THE OIL CONSERVATION  
DIVISION FOR THE PURPOSE OF  
CONSIDERING:

CASE NO. 7965  
Order No. R-1069-H

APPLICATION OF HICKS OIL AND  
GAS COMPANY FOR AN EXCEPTION  
TO DIVISION ORDER NO. R-1069-B,  
SAN JUAN COUNTY, NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 9 a.m. on September 28, 1983, at Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 5th day of October, 1983, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS:

(1) That due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.

(2) That the applicant, Hicks Oil and Gas Company, seeks an exception to RULE 2 of the Special Rules and Regulations for the Bisti-Lower Gallup Oil Pool as promulgated by Division Order No. R-1069-B to provide for 80-acre proration units comprising either the N/2, S/2, E/2 or W/2 of any single governmental quarter section in Section 2, Township 25 North, Range 13 West, NMPM, San Juan County, New Mexico.

(3) That the application is sought to permit the applicant flexibility in developing a new "sandstone bar" which may lie in this portion of said pool.

(4) That the approval of the subject application will permit the applicant to recover oil from said pool which might not otherwise be recovered, thereby preventing waste, and will not violate correlative rights.

IT IS THEREFORE ORDERED:

(1) That the applicant, Hicks Oil and Gas Company, is hereby granted an exception to RULE 2 of the Special Rules and Regulations for the Bisti-Lower Gallup Oil Pool as promulgated by Division Order No. R-1069-B, to permit the development of Section 2, Township 25 North, Range 13 West, NMPM, San Juan County, New Mexico, on 80-acre oil proration units consisting of the N/2, S/2, E/2, or W/2 of any single governmental quarter section contained therein.

(2) That jurisdiction of this cause is retained for the entry of such further orders as the Division may deem necessary.

DONE at Santa Fe, New Mexico, on the day and year herein-above designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



JOE D. RAMEY  
Director

S E A L

fd/

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
**District II**  
811 South First, Artesia, NM 88210  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
**District IV**  
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised August 15, 2000

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-045-26205</b>		<sup>2</sup> Pool Code <b>64290</b>		<sup>3</sup> Pool Name <b>White Wash Gallup-Mancos</b>	
<sup>4</sup> Property Code <b>007786</b>		<sup>5</sup> Property Name <b>FEDERAL 28</b>			<sup>6</sup> Well Number <b>2E</b>
<sup>7</sup> OGRID No. <b>014634</b>		<sup>8</sup> Operator Name <b>MERRION OIL &amp; GAS CORPORATION</b>			<sup>9</sup> Elevation <b>6712'</b>

<sup>10</sup> Surface Location


UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	28	25N	09W	NWSW	1490	South	790	West	San Juan

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

<sup>12</sup> Dedicated Acres <b>40</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
--	-------------------------------	----------------------------------	-------------------------

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

<div data-bbox="112 921 1055 1404"> <p>16</p>  </div>	<div data-bbox="1071 921 1549 1404"> <p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>George Sharpe</i> Signature</p> <p><b>George Sharpe</b> Printed Name</p> <p><b>Engineer</b> Title</p> <p><b>June 4, 2001</b> Date</p> </div>			
	<div data-bbox="1071 1404 1549 1889"> <p><sup>18</sup> SURVEYOR CERTIFICATION</p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p> </div>			

HOLD C104 FOR

NSL

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

FORM APPROVED  
Budget Bureau No. 1004-0135  
Expires: March 31, 1993

**SUNDRY NOTICES AND REPORTS ON WELLS**

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.  
Use "APPLICATION FOR PERMIT--" for such proposals

**SUBMIT IN TRIPLICATE**

1. Type of Well  
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

**Merrion Oil & Gas Corporation (14634)**

3. Address and Telephone No.

**610 Reilly Avenue, Farmington, NM 87401-2634**

**(505) 327-9801**

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**1490' fsl & 790' fwl (nw sw)**

**Section 28, T25N, R9W**

5. Lease Designation and Serial No.

**SF-078309**

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

**Federal 28 No. 2E**

9. API Well No.

**30-045-26205**

10. Field and Pool, or Exploratory Area

**Basin Dakota**

11. County or Parish, State

**San Juan County,  
New Mexico**

12. CHECK APPROPRIATE BOX (s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment (Temporary)

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other Return to Production

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut-Off

☐ Conversion to Injection

☐ Dispose Water

(Note: Report results of multiple completion on Completion or Recompletion Report and Log form.)

13. Describe Proposed or completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Merrion Oil & Gas is evaluating the subject well for return to production of the Dakota and for uphole potential. The proposed procedure will be submitted no later than July 31, 2001.

2001 APR -4 PM 12:49

14. I hereby certify that the foregoing is true and correct

Signed

**Connie S. Dinning**

Title **Engineer**

Date **4/3/01**

(This space for Federal or State office use)

Approved By

Title

Date

Conditions of approval, if any:

**4/9/01**

District I  
PO Box 1988, Hobbs, NM 88241-1988  
District II  
PO Drawer DD, Artesia, NM 88211-9719  
District III  
1600 Rio Branco Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-104  
Revised February 10, 1994  
Instructions on back  
Submit to Appropriate District Office  
5 Copies

SEP 13 1995 8 52 AM

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

Operator name and Address Merrion Oil & Gas Corp. P. O. Box 840 Farmington, New Mexico 87499		OGRID Number 014634
		Reason for Filing Code CO - Effective 9/01/95 Change oil/condensate transporter
API Number 30 - 0 45-26205	Pool Name Basin Dakota	Pool Code 71599
Property Code 007786	Property Name Federal 28	Well Number 002E

II. Surface Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
L	28	25N	09W	NWSW	1490	south	790	west	San Juan

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Ida	Feet from the	North/South Line	Feet from the	East/West Line	County
Lee Code F	Producing Method Code	Gas Connection Date	C-129 Permit Number	C-129 Effective Date	C-129 Expiration Date				

III. Oil and Gas Transporters

Transporter OGRID	Transporter Name and Address	POD	O/G	POD ULSTR Location and Description
009018	Giant Refining Company P. O. Box 12999 Scottsdale, AZ 85267	1907610	O	
007057	El Paso Natural Gas Co. P. O. Box 4990 Farmington, NM 87499	1907630	G	

IV. Produced Water

POD 1907650	POD ULSTR Location and Description
----------------	------------------------------------

V. Well Completion Data

Spud Date	Ready Date	TD	POTD	Perforations
Hole Size	Casing & Tubing Size	Depth Set	Sacks Cement	

VI. Well Test Data

Date New Oil	Gas Delivery Date	Test Date	Test Length	Tbg. Pressure	Csg. Pressure
Choke Size	Oil	Water	Gas	AOF	Test Method

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

Signature: *Esther J. Greeyes*  
Printed name: Esther J. Greeyes

Title: Drlg & Prod Tech

Date: 9/13/95

Phone: (505) 327-9801

OIL CONSERVATION DIVISION

Approved by: SUPERVISOR DISTRICT #3

Title:

Approval Date: SEP 20 1995

If this is a change of operator fill in the OGRID number and name of the previous operator

Previous Operator Signature

Printed Name

Title

Date

1 - well file

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 Hrazos 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  
RE

FEB 21 1992

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

I. Operator MERRION OIL & GAS CORPORATION		Well API No. 30-045-26205
Address P. O. BOX 840, FARMINGTON, NEW MEXICO 87499		
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)		
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"/>
If change of operator give name and address of previous operator		

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal 28	Well No. 2E	Pool Name, including Formation Basin Dakota	Kind of Lease SINK Federal OK RE	Lease No. SF-078309
Location Unit Letter L : 1490 Feet From The South Line and 790 Feet From The West Line Section 28 Township 25N Range 9W, 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, New Mexico 87499	
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4990, Farmington, New Mexico 87499	
If well produces oil or liquids, give location of tanks.	Unit L	Sec. 28
	Twp. 25N	Rge. 9W
	Is gas actually connected? Yes	When? June 25, 1985

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
		FEB 21 1992	
		OIL CONSERVATION	

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  
Esther J. Greyeyes  
Printed Name  
2/21/92  
Date  
Operations Tech  
Title  
(505) 327-9801  
Telephone No.

OIL CONSERVATION DIVISION

Date Approved FEB 21 1992

By Brian D. Chang  
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 III.
- 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.



1- (Acctng)  
Submit 5 Copies  
Appropriate District Office  
DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

DISTRICT II  
P.O. Drawer 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 Merrion Oil & Gas Corporation	Well API No. 30-045-26205
Address P. O. Box 840, Farmington, New Mexico 87499	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
New Well <input type="checkbox"/>	Change in Transporter of: Effective 1-1-92
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 type="checkbox"/>
If change of operator give name and address of previous operator Brannon Oil & Gas, Inc., 2240A Forest Park Blvd, Ft. Worth, TX 76110	

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal 28	Well No. 2E	Pool Name, including Formation Basin Dakota	Kind of Lease State, Federal or Other	Lease No. SF-078309
Location Unit Letter L : 1490 Feet From The South Line and 790 Feet From The West Line Section 28 Township 25N Range 9W, 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 Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 846, Farmington, New Mexico 87499					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 4990, Farmington, New Mexico 87499					
If well produces oil or liquids, give location of tanks.	Unit L	Sec. 28	Twp. 25N	Rge. 9W	Is gas actually connected? Yes	When? June 25, 1985

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

IV. COMPLETION DATA

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

V. TEST DATA AND REQUEST FOR ALLOWABLE

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

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

GAS WELL

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

VI. OPERATOR CERTIFICATE OF COMPLIANCE

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

Signature  
Esther J. Greveyes  
Printed Name  
1/17/92  
Date  
Operations Tech  
(505) 327-9801  
Telephone No.

OIL CONSERVATION DIVISION

Date Approved JAN 21 1992

By Frank J. Bueh  
Title SUPERVISOR DISTRICT # 3

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

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

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

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

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

- State of New Mexico  
Energy, Minerals and Natural Resources Department

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

OIL CONSERVATION

RECEIVED

Form C-104  
Revised 1-1-89  
See Instructions  
on bottom of Page

'90 SEP 18 AM 8 57

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

Operator <b>Brannon Oil &amp; Gas, Inc.</b>	Well API No. <b>30-045-26205</b>
Address <b>2240A Forest Park Blvd., Fort Worth, Texas 76110</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
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 checked="" type="checkbox"/>
Change in Operator <input type="checkbox"/>	
If change of operator give name and address of previous operator	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Federal 28</b>	Well No. <b>2E</b>	Pool Name, including Formation <b>Basin Dakota</b>	Kind of Lease <b>State, Federal or Foreign</b>	Lease No. <b>SF 078309</b>
Location Unit Letter <b>L</b> : <b>1490</b> Feet From The <b>South</b> Line and <b>790</b> Feet From The <b>West</b> Line Section <b>28</b> Township <b>25N</b> Range <b>9W</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"/> <b>Giant Refining Co.</b>	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"/> <b>El Paso Natural Gas</b>	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>L   28   25N   9W   Yes   June 25, 1985</b>

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/MM	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 Richard Brannon  
Printed Name **Richard Brannon** Title **Pet. Engr.**  
Date **9/11/90** Telephone No. **817/924-8695**

OIL CONSERVATION DIVISION  
SEP 13 1990

Date Approved \_\_\_\_\_  
By B. J. Chang  
Title **SUPERVISOR DISTRICT 13**

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

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

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

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

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

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

REQUEST FOR ALLOWABLE AND AUTHORIZATION  
TO TRANSPORT OIL AND NATURAL GAS

APR 18 AM 8 57

Operator <b>Brannon Oil &amp; Gas, Inc.</b>	Well API No. <b>30-045-26205</b>
Address <b>2240A Forest Park Blvd., Fort Worth, Texas 76110</b>	
Reason(s) for Filing (Check proper box) <input type="checkbox"/> Other (Please explain)	
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 checked="" type="checkbox"/>	Casinghead Gas <input type="checkbox"/> Condensate <input type="checkbox"/>
If change of operator give name and address of previous operator <b>M. J. Brannon, 2240A Forest Park Blvd., Fort Worth, Texas, 76</b>	

II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Federal 28</b>	Well No. <b>2E</b>	Pool Name, including Formation <b>Basin Dakota</b>	Kind of Lease <b>30%, Federal, 60% 30%</b>	Lease No. <b>SF 078309</b>
Location Unit Letter <b>L</b> : <b>1490</b> Feet From The <b>South</b> Line and <b>790</b> Feet From The <b>West</b> Line Section <b>28</b> Township <b>25N</b> Range <b>9W</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"/> <b>PERMIAN</b>	Address (Give address to which approved copy of this form is to be sent) <b>P. O. Box 1183, Houston, TX 77251</b>					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> <b>EL PASO NATURAL GAS</b>	Address (Give address to which approved copy of this form is to be sent) <b>P.O.Box 4990, Farmington, NM 87499</b>					
If well produces oil or liquids, give location of tanks.	Unit <b>L</b>	Sec. <b>28</b>	Twp. <b>25N</b>	Rge. <b>9W</b>	Is gas actually connected? <b>Yes</b>	When? <b>June 25, 1985</b>

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	
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	

RECEIVED  
OIL CON. DIV.  
DIST. 3  
APR 02 1990

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.

Richard Brannon  
Signature  
**Richard Brannon** Pet. Engr.  
Printed Name Title  
**3/28/90** **817/924-8695**  
Date Telephone No.

OIL CONSERVATION DIVISION

Date Approved **APR 02 1990**  
By Frank J. Quigley  
Title **SUPERVISOR DISTRICT III**

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.

November 1983)  
Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078309

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 28

9. WELL NO.

2E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Sec 28, T25N, R9W NMPM

12. COUNTY OR PARISH 13. STATE

San Juan

N.M.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

90 JUL 25 AM 9 51

WELL ☐ GAS WELL ☒ OTHER

NAME OF OPERATOR

M. J. BRANNON

ADDRESS OF OPERATOR

2240A Forest Park Blvd., Fort Worth, TX 76110

LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*

See also space 17 below.)

At surface

1490' FSL, 790' FWL Sec. 28

14. PERMIT NO

15. ELEVATIONS (Show whether DF, ST, GR, etc.)

6712' G.L.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) Resume Production

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLAN

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

16. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

This well has resumed production on 1-1-90 after a shut-in period in  
excess of 90 days.

API NO. 30-045-26205

RECEIVED  
JUL 23 1990  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM MAIL ROOM  
90 JAN -8 AM 11:16

I hereby certify that the foregoing is true and correct

SIGNED

*Richard Brannon*

TITLE

PET. ENGR.

DATE

01/03/90

(This space for Federal or State office use)

APPROVED BY

TITLE

NMOCD

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

ACCEPTED FOR RECORD  
DATE

JUL 18 1990

FARMINGTON RESOURCE AREA

BY

6-94

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the  
United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE\*  
(Other instructions on re-  
verse side)

Form approved.  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL ☐ GAS ☒ OTHER ☐

2. NAME OF OPERATOR

3. ADDRESS OF OPERATOR

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.\*  
See also space 17 below.)  
At surface

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, WT, GR, etc.)

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Reseed

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)\*

7-15-85 The above location was reseeded on 7-6-85.

RECEIVED

JUL 31 1985

OIL CON. DIV. I  
DIST. 3

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Agent

DATE

July 15, 1985

(This space for Federal or State office use)

ACCEPTED FOR RECORD

APPROVED BY

TITLE

DATE

JUL 30 1985

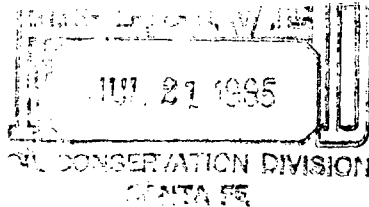
CONDITIONS OF APPROVAL, IF ANY:

FARMINGTON RESOURCE AREA

\*See Instructions on Reverse Side

NMOCC

BY *Sm*



STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

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

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

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

RECEIVED  
JUL 15 1985  
OIL CON. DIV.  
DIST. 3

I.

Operator M. J. Brannon	
Address 809 Ridglea Bank Bldg., Fort Worth, Texas 76116	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input type="checkbox"/> New Well <input type="checkbox"/> Recompletion <input type="checkbox"/> Change in Ownership	Designate gatherer for condensate
Change in Transporter of: <input type="checkbox"/> Oil <input type="checkbox"/> Casinghead Gas <input checked="" type="checkbox"/> Condensate	

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

II. DESCRIPTION OF WELL AND LEASE

Lease Name Federal 28	Well No. 2E	Pool Name, including Formation Basin Dakota	Kind of Lease Federal State, Federal or Fee	Lease No. SF-078309
Location				
Unit Letter <u>L</u> : <u>1490</u> Feet From The <u>South</u> Line and <u>790</u> Feet From The <u>West</u>				
Line of Section <u>28</u> Township <u>25N</u> Range <u>9W</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"/> The Permian Corporation	Address (Give address to which approved copy of this form is to be sent) Box 1183, Houston, Texas 77001					
Name of Authorized Transporter of Casinghead Gas <input type="checkbox"/> or Dry Gas <input checked="" type="checkbox"/> El Paso Natural Gas Company	Address (Give address to which approved copy of this form is to be sent) P. O. Box 990, Farmington, N.M. 87499					
If well produces oil or liquids, give location of tanks.	Unit L	Sec. 28	Twp. 25N	Rge. 9W	Is gas actually connected? Yes	When 6/26/85

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

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

VI. CERTIFICATE OF COMPLIANCE

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

Richard Brannon  
(Signature)  
Petroleum Engineer  
(Title)  
7/8/85  
(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.

(November 1983)  
(formerly 9-330)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

(See other In-  
structions on  
reverse side)

Form approved  
Budget Bureau No. 1004-0137  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

SF-078309

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 28

9. WELL NO.

2-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 28-T25N-R9W  
N.M.P.M.

12. COUNTY OR  
PARISH

San Juan

13. STATE

N.M.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL ☐ WELL GAS ☒ WELL DRY ☐ Other

b. TYPE OF COMPLETION: NEW ☒ WELL WORK ☐ OVER DEEP ☐ EN PLUG ☐ BACK DIFF. ☐ REVR. Other

2. NAME OF OPERATOR  
M. J. BRANNON

3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp.  
P. O. Drawer 419 Farmington, N.M. 87499

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

1490'FSL, 790'FWL

At top prod. interval reported below Same

At total depth

Same

14. PERMIT NO. DATE ISSUED  
BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

RECEIVED

APR 02 1985

15. DATE SPUDDED 2/14/85 16. DATE T.D. REACHED 2/25/85 17. DATE COMPL. (Ready to prod.) 3/17/85 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 6725 KB 19. ELEV. CASINGHEAD 6712'GL

20. TOTAL DEPTH, MD & TVD 6541' 21. PLUG, BACK T.D., MD & TVD 6508' 22. IF MULTIPLE COMPL., HOW MANY 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\* 25. WAS DIRECTIONAL SURVEY MADE

6388'-6412' Dakota

No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CNL-FDC Dual Induction

27. WAS WELL CORED  
NO

28. CASING RECORD (Report all strings set in well)*					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8-5/8"	24.0	260'	12-1/4"	295 cu. ft.	None
4-1/2"	10.50	6526'	7-7/8"	3797 cu. ft.	None

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	6380'	

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6388'-6412' 4 shots per foot		6388'-6412'	84,966 gallons water
			154,308 lbs. sand

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/18/85		Flowing				Shut in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/28/85	3 hrs.	3/4"	→		158		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
90	600	→		3/4 1261			

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented to be sold. TEST WITNESSED BY

35. LIST OF ATTACHMENTS FOR: M. J. BRANNON ACCEPTED FOR RECORD

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
ORIGINAL SIGNED BY Ewell N. Walsh, P.E. TITLE Walsh Engr. & Prod. Corporation DATE 4/1/85  
FARMINGTON RESOURCE AREA

\*(See Instructions and Spaces for Additional Data on Reverse Side)RV

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

NMOCC

#### IV. COMPLETION DATA

Designate Type of Completion - (X)		Oil Well	Gas Well X	New Well X	Workover	Deepen	Plug Back	Same Res'v.	Diff. Res'v.
Date Spudded 2/14/85	Date Compl. Ready to Prod. 3/17/85		Total Depth 6541'		P.B.T.D. 6508'				
Elevations (DF, RKB, RT, GR, etc.) 6725' KB	Name of Producing Formation Dakota		Top Oil/Gas Pay 6388'		Tubing Depth 6380'				
Perforations 6388-6412'							Depth Casing Shoe 6526		
TUBING, CASING, AND CEMENTING RECORD									
HOLE SIZE	CASING & TUBING SIZE		DEPTH SET		SACKS CEMENT				
12 -1/4"	8-5/8"		260'		295 cu. ft.				
7 -7/8"	4-1/2"		6526'		3797 cu. ft.				
	2-3/8"		6380'						

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

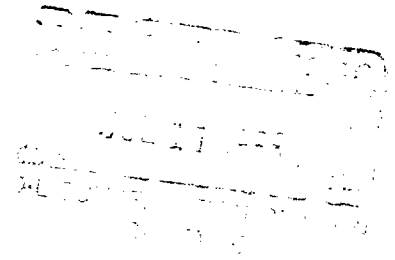
Date First New Oil Run To Tanks	Date of Test	Producing Method (Flow, pump, gas lift, etc.)	
Length of Test	Tubing Pressure	Casing Pressure	Choke Size
Actual Prod. During Test	Oil - Bbls.	Water - Bbls.	Gas - MCF

#### GAS WELL

Actual Prod. Test - MCF/D 3/4 THC 1261; CAOF 1445	Length of Test 3 hrs.	Bbls. Condensate/MMCF 0	Gravity of Condensate 0
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1425	Casing Pressure (Shut-in) 1500	Choke Size 3/4"



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



NOTICE OF GAS CONNECTION

DATE JULY 2, 1985

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

GAS FROM <u>M.J. BRANNON</u>		<u>FEDERAL 28 #2-E</u>	
Operator		Well Name	
<u>95-291-01</u>	<u>18117-51</u>	<u>L</u>	<u>28-25-9</u>
Meter Code	Site Code	Well Unit	S-T-R
<u>BASIN DAKOTA</u>		<u>EL PASO NATURAL GAS CO.</u>	
Pool		Name of Purchaser	
WAS MADE ON <u>JUNE 25, 1985</u>		FIRST DELIVERY <u>JUNE 26, 1985</u>	
Date		Date	
AOF <u>1,445</u>			
CHOKE <u>1,261</u>			

F  
043

EL PASO NATURAL GAS CO.  
Purchaser  
*Harry Strey*  
Representative  
\_\_\_\_\_  
Title

cc: Operator  
Oil Conservation Commission - 2  
~~XXXXXXXX~~ - El Paso PRODUCTION CONTROL  
LEASE DEVELOPMENT  
CONTRACT ADMINISTRATION  
File

JUL 08 1985  
OIL CON. DIV.  
DIST. 3

## OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

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

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

REQUEST FOR ALLOWABLE  
AND  
AUTHORIZATION TO TRANSPORT OIL AND NATURAL GAS

I.

Operator <b>M. J. BRANNON</b>	
Address <b>c/o Walsh Engr. &amp; Prod. Corp. P. O. Drawer 419 Farmington, N.M. 87499</b>	
Reason(s) for filing (Check proper box)	Other (Please explain)
<input checked="" type="checkbox"/> New Well	Change in Transporter of:
<input type="checkbox"/> Recompletion	<input type="checkbox"/> Oil
<input type="checkbox"/> Change in Ownership	<input type="checkbox"/> Casinghead Gas
	<input type="checkbox"/> Dry Gas
	<input type="checkbox"/> Condensate

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

**RECEIVED**  
APR 02 1985  
OIL CON. DIV  
DIST. 3

## II. DESCRIPTION OF WELL AND LEASE

Lease Name <b>Federal 28</b>	Well No. <b>2-E</b>	Pool Name, including Formation <b>Basin Dakota</b>	Kind of Lease <b>Federal</b>	Lease No. <b>SF-078309</b>
Location				
Unit Letter <b>L</b>	Feet From The <b>1490</b>		South Line and <b>790'</b>	Feet From The <b>West</b>
Line of Section <b>28</b>	Township <b>25N</b>	Range <b>9W</b>	NMPM, <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 type="checkbox"/>	Address (Give address to which approved copy of this form is to be sent)
<b>NONE</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>EL Paso Natural Gas Company</b>	<b>P.O. Box 990, Farmington, N.M. 87499</b>
If well produces oil or liquids, give location of tanks.	Unit Sec. Twp. Rgs. Is gas actually connected? When
	<b>NO</b>

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

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

## VI. CERTIFICATE OF COMPLIANCE

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

FOR: **M. J. BRANNON**

*Ewell N. Walsh*  
Ewell N. Walsh PE (Signature) President  
Walsh Engr. & Prod. Corp.

4/1/85

(Title)

(Date)

OIL CONSERVATION DIVISION  
5-15-85  
APPROVED  
BY *[Signature]*  
MAY 15 1985  
SUPERVISOR DISTRICT # 3

TITLE \_\_\_\_\_

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

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

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

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

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

#### IV. COMPLETION DATA

N.W. COMPLETION DATA									
Designate Type of Completion - (X)		Oil Well	Gas Well	New Well	Workover	Deepen	Plug Back	Same Resrv.	Diff.
			X	X					
Date Spudded 2/14/85	Date Compl. Ready to Prod. 3/17/85			Total Depth 6541'			P.B.T.D. 6508'		
Elevations (DF, RKB, RT, GR, etc.) 6725'	Name of Producing Formation Dakota			Top Oil/Gas Pay 6388'			Tubing Depth 6380'		
Perforations 6388'-6412'							Depth Casing Shoe 6526'		

#### TUBING, CASING, AND CEMENTING RECORD

HOLE SIZE	CASING & TUBING SIZE	DEPTH SET	SACKS CEMENT
12-1/4"	8-5/8"	260'	295 cu. ft.
7-7/8"	4-1/2"	6526'	3797 cu. ft.
	2-3/8"	6380'	

#### V. TEST DATA AND REQUEST FOR ALLOWABLE (Test must be after recovery of total volume of load oil and must be equal to or exceed top of oil well)

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 3/4THC 1261; CAO 1445	Length of Test 3 hrs.	Bbls. Condensate/MCF -0-	Gravity of Condensate -0-
Testing Method (pilot, back pr.) Back Pressure	Tubing Pressure (Shut-in) 1425	Casing Pressure (Shut-in) 1500	Choke Size 3/4"

37. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Cement Summary:				Ojo Alamo	1015'	1015'
8-5/8"			295 cu. ft. Class "B" Cement with 3% Calcium Chloride and 1/4 lbs. Flocelele per sack.	Kirtland	1237'	1237'
4-1/2"			772 cu. ft. 50-50 Pozmix, 2% Gel, with 6-1/4 lbs. Gilsonite and 6 lbs. salt per sack.	Fruitland	1636'	1636'
			1263 cu. ft. 65-35 Pozmix, 12% Gel, with 6-1/4 lbs. Gilsonite per sack followed by 59 cu. ft. Class "B" Cement.	Pictured Cliffs	1860'	1860'
			1644 cu. ft. 65-35 Pozmix, 12% Gel, with 6-1/4 lbs. Gilsonite per sack followed by 59 cu. ft. Class "B" Cement.	Lewis	2006'	2006'
				Chacra	2294'	2294'
				Cliff House	3525'	3525'
				Menefee	3555'	3555'
				Point Lookout	4308'	4308'
				Manoos	4602'	4602'
				Gallup	5343'	5343'
				Sanostee	5884'	5884'
				Greenhorn	6245'	6245'
				Graneros	6300'	6300'
				Dakota	6338'	6338'

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

Form C-122  
 Revised 9-1-65

**RECEIVED**  
 APR 02 1985  
 OIL CON. DIV.  
 DIST. 3

Type Test <input checked="" type="checkbox"/> Initial <input type="checkbox"/> Annual <input type="checkbox"/> Special		Test Date 3/28/85	
Company M. J. BRANNON		Connection	
Pool Basin Dakota		Formation Dakota	
Completion Date 3/17/85		Total Depth 6541'	Plug Back TD 6508'
Elevation 6712' GL		Farm or Lease Name Federal 28	
Csq. Size 4-1/2	Wt. 10.50	d 4.052	Set At 6526'
Perforations: From 6388' To 6412'		Well No. 2-E	
Thg. Size 2-3/8	Wt. 4.70	d 1.995	Set At 6380'
Perforations: From Open To Ended		Unit Sec. Twp. Rge. L 28 25N 9W	
Type Well - Single - Bradenhead - G.G. or G.O. Multiple Single		Packer Set At None	
Producing Thru Tubing		County San Juan	
Reservoir Temp. °F 146		State New Mexico	
Mean Annual Temp. °F 60		Baro. Press. - P <sub>g</sub> 12.0	
L 6380	H 6380	G <sub>g</sub> 0.60	% CO <sub>2</sub> % N <sub>2</sub> % H <sub>2</sub> S    Prover    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							1425		1500		7 day
1.	3/4" THC						90	60	600		3 hrs.
2.											
3.											
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	12.3650		102	1.000	1.000	1.000	1,261
2.							
3.							
4.							
5.							

NO.	P <sub>t</sub>	Temp. °R	T <sub>r</sub>	Z	Gas Liquid Hydrocarbon Ratio _____ Mcf/bbl.
1.					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. _____ P.S.I.A.
5.					Critical Temperature _____ R _____ R

P <sub>c</sub> 1500    P <sub>c</sub> <sup>2</sup> 2,250,000	
NO.	P <sub>t</sub> <sup>2</sup> P <sub>w</sub> P <sub>w</sub> <sup>2</sup> P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>
1	612    374,544    1,875,456
2	
3	
4	
5	

(1)  $\frac{P_c^2}{P_c^2 - P_w^2} = 1.1997$     (2)  $\left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1.1463$   
 $AOF = Q \left[ \frac{P_c^2}{P_c^2 - P_w^2} \right]^n = 1,445$

Absolute Open Flow	1,445	Mcf @ 15.025	Angle of Slope θ	Slope, n 0.75
Remarks:				

Approved By Commission:	Conducted By: Bill McCown	Calculated By: Ewell N. Walsh, PE	Checked By:
-------------------------	------------------------------	--------------------------------------	-------------

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other ☐  
2. NAME OF OPERATOR  
M. J. BRANNON  
3. ADDRESS OF OPERATOR c/o Walsh Engr. & Prod. Corp.  
P.O. Drawer 419 Farmington, N.M. 87401  
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 1490'FSL, 790'FWL  
AT TOP PROD. INTERVAL: Same  
AT TOTAL DEPTH: Same  
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

SUBSEQUENT REPORT OF:

☐  
☒  
☐  
☐  
☐  
☐  
☐  
☐  
☐  
☐

RECEIVED

MAR 27 1985

U.S. GEOLOGICAL SURVEY  
FARMINGTON

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

5. LEASE  
SF-078309

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Federal 28

9. WELL NO.  
2-E

10. FIELD OR WILDCAT NAME  
Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 28-T25N-R9W  
N.M.P.M.

12. COUNTY OR PARISH  
San Juan

13. STATE  
N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6712'GL

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED FOR FRACTURE TREATMENT.

RECEIVED

MAR 27 1985

OIL CON. DIV.  
DIST. 3

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

FOR: M. J. BRANNON

18. I hereby certify that the foregoing is true and correct

SIGNED Keith E. Borge Walsh Engr. & Prod. Corp. DATE 3/22/85

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

FARMINGTON RESOURCE AREA

NMCCC



**UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY**

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other ☐

2. NAME OF OPERATOR

M. J. BRANNON

3. ADDRESS OF OPERATOR C/o Walsh Engr. & Prod. Corp.  
P. O. Drawer 419 Farmington, N.M. 87499

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 1490'FSL, 790'FWL

AT TOP PROD. INTERVAL: Same

AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐

FRACTURE TREAT ☐

SHOOT OR ACIDIZE ☐

REPAIR WELL ☐

PULL OR ALTER CASING ☐

MULTIPLE COMPLETE ☐

CHANGE ZONES ☐

ABANDON\* ☐

(other) ☐

SUBSEQUENT REPORT OF:

☒

☐

☐

☐

☐

☐

☐

☐

**RECEIVED**

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

FEB 27 1985

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE

SF-078309

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal 28

9. WELL NO.

2-E

10. FIELD OR WILDCAT NAME

Basin Dakota

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 28-T25N-R9W

N.M.P.M.

12. COUNTY OR PARISH

San Juan

13. STATE

N.M.

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
6712'G.L.

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

SEE ATTACHED FOR CASING INFORMATION

MAR 05 1985

OIL CON. DIV./  
DIST. 3

MAR 11 1985

Subsurface Safety Valve: Manu. and Type

Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

FOR: M. J. BRANNON

ORIGINAL SIGNED BY

Walsh Engr. &

SIGNED EWELL N. WALSH

TITLE Production Corp.

DATE 2/26/85

EWELL N. WALSH, P.E.

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

ACCEPTED FOR RECORD

MAR 01 1985

\*See Instructions on Reverse Side

**NMOCC**

FARMINGTON RESOURCE AREA

RY





M. J. BRANNON  
FEDERAL 28, NO. 2-E  
1490'FSL, 790'FWL, SEC. 28-T25N-R9W  
San Juan County, New Mexico

2/14/85 Spud Well  
2/14/85 T.D. 265'. Ran 6 joints 8-5/8", 24.0 lbs. ERW casing (247')  
set at 260' with 295 cu. ft. Class "B" cement with 3%  
Calcium Chloride and 1/4 lbs. Flocele per sack. Cement  
circulated. Pressure test with 500 psig. Test ok.  
  
2/25/85 T.D. 6541'. Ran 150 joints 4-1/2", 10.50 lb. K-55 seamless  
casing (6515.13') set at 6526.13' with:  
  
First Stage: 772 cu. ft. 50-50 Pozmix, 2% Gel, with 6-1/4 lbs.  
Gilsonite and 6 lbs. salt per sack.  
Top of cement 4633'.  
  
Second Stage: 1263 cu. ft. 65-35 Pozmix, 12% Gel, with 6-1/4  
lbs. Gilsonite per sack followed by 59 cu. ft.  
Class "B" Cement. Stage Collar 4633'.  
Top of cement 2150'.  
  
Third Stage: 1644 cu. ft. 65-35 Pozmix, 12% gel, with 6-1/4  
lbs. Gilsonite per sack followed by 59 cu. ft.  
Class "B" Cement. Cement circulated to surface.  
Stage collar 2150'.

3797

RECEIVED  
MAR 05 1985  
OIL CON. DIV.  
DIST. 3

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

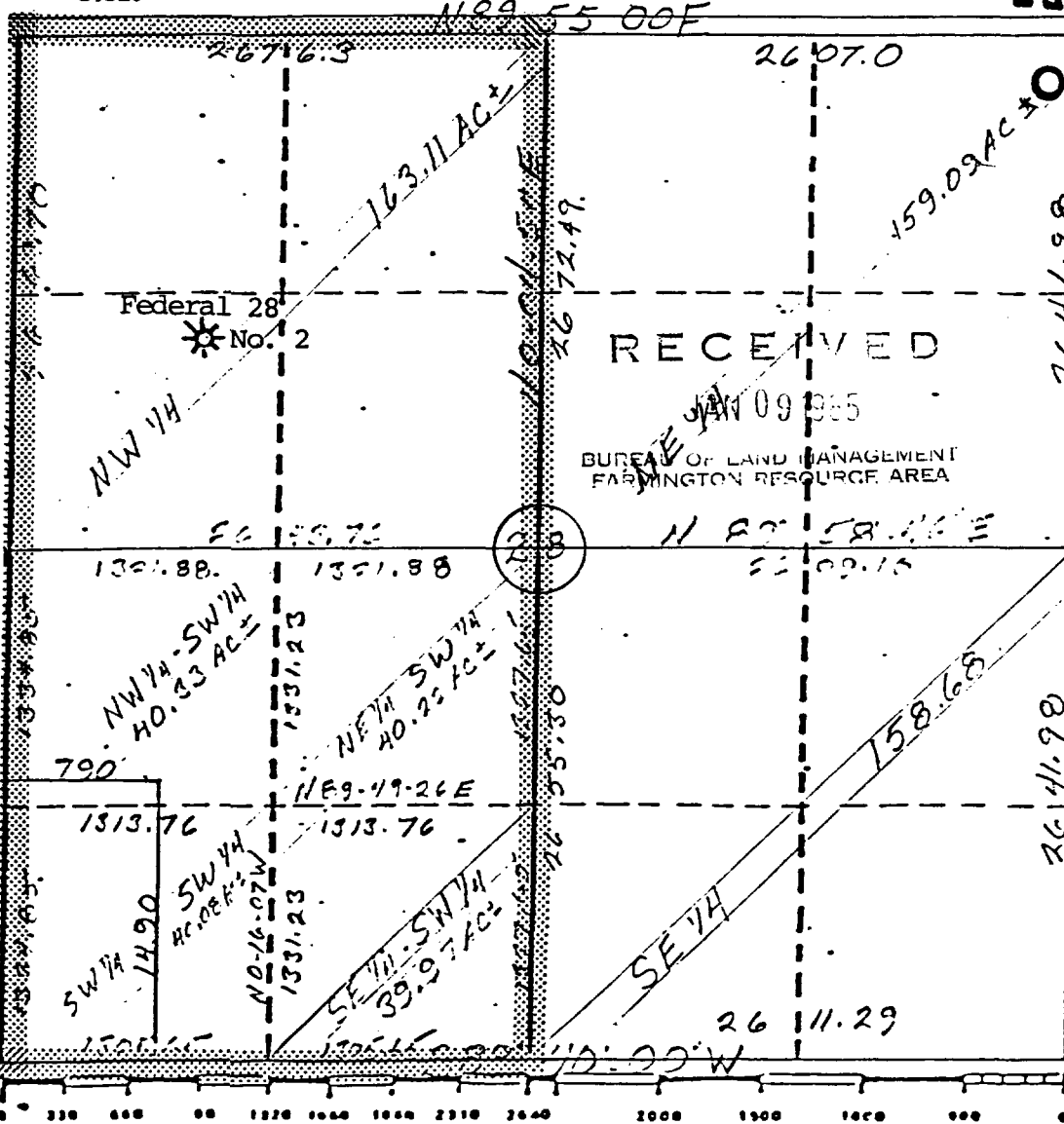
Operator <b>M. J. BRANNON</b>			Lease <b>FED 28</b>		Well No. <b>2-E</b>
Unit Letter <b>L</b>	Section <b>28</b>	Township <b>25 NORTH</b>	Range <b>9 WEST</b>	County <b>SAN JUAN</b>	
Actual Footage Location of Well <b>1490</b> feet from the <b>SOUTH</b> line and <b>790</b> feet from the <b>WEST</b> line					
Ground Level Elev. <b>- 6712</b>	Producing Formation <b>Dakota</b>		Pool <b>Basin Dakota</b>		Dedicated Acreage <b>320</b> (As per OC)

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

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

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.



**JAN 31 1985 CERTIFICATION**

**CON. DIV. DIST. 3**

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

FOR: **M. J. BRANNON**

**ORIGINAL SIGNED BY**

Name **EWELL N. WALSH**  
Ewell N. Walsh, P.E.

Position  
**President**

Company  
**Walsh Engr. & Prod. Corp.**

Date  
**1/8/85**

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

**REGISTERED LAND SURVEYOR**

**George R. Tompkins**

Date Surveyed  
**JANUARY 5, 1985**

Registered Professional Engineer and/or Land Surveyor

**George R. Tompkins**

Certificate No.  
**7259**

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## 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

M. J. BRANNON

## 3. ADDRESS OF OPERATOR c/o Walsh Engr. &amp; Prod. Corp.

P.O. Drawer 419 Farmington, N.M. 87499

## 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)

At surface

1490' FSL, 790' FWL

At proposed prod. zone

Same

## 14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE\*

22 miles South of Bloomfield, New Mexico

## 15. DISTANCE FROM PROPOSED\*

LOCATION TO NEAREST  
PROPERTY OR LEASE LINE, FT.  
(Also to nearest drig. unit line, if any)

790'

## 16. NO. OF ACRES IN LEASE

2521.02'

17. NO. OF ACRES ASSIGNED  
TO THIS WELL

W/320

18. DISTANCE FROM PROPOSED LOCATION\*  
TO NEAREST WELL, DRILLING, COMPLETED,  
OR APPLIED FOR, ON THIS LEASE, FT.

1940'

## 19. PROPOSED DEPTH

6450'

## 20. ROTARY OR CABLE TOOLS

Rotary

21. ELEVATIONS (Show whether DF, RT, GR, or other) DRILLING OPERATIONS AUTHORIZED ARE  
SUBJECT TO COMPLIANCE WITH ATTACHED

6712' G.L.

## 22. APPROX. DATE WORK WILL START\*

2/10/85

## 23.

## "GENERAL REQUIREMENTS"

## PROPOSED CASING AND CEMENTING PROGRAM

This action is subject to administrative  
appeal pursuant to 30 CFR 290.

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	
12-1/4"	8-5/8"	24.0	250'	270 cu. ft.
7-7/8"	4-1/2"	10.50	6450'	2040 cu. ft.

All producing intervals in the Dakota Formation will be perforated and stimulated as necessary.

## EXHIBITS:

"A" Location &amp; Elevation Plat

"F" Radius Map of Field

"B" Ten Point Compliance Program

"G" Drill Rig Layout

"C" Blowout Preventer Diagram

"H" Fracturing Program Layout

"D" Multi-Point Requirements for APD

"I" Location Profile

"E" Access Road to Location

The gas from this well is committed.

The W/2, Section 28 is dedicated to this well.

RECEIVED  
JAN 31 1985

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

## 24. FOR: M. J. BRANNON

## ORIGINAL SIGNED BY

Walsh Engineering  
& Prod. Corp.

SIGNED

Ewell N. Walsh, President

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

TITLE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED  
AS AMENDED

JAN 28 1985

Robert M. [Signature]  
AREA MANAGER  
FARMINGTON RESOURCE AREA

\*See Instructions On Reverse Side

NMOCC

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/09/01 12:50:22  
OGOMES -TPZI  
PAGE NO: 1

Sec : 28 Twp : 25N Rng : 09W Section Type : NORMAL

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

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

999

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

07/09/01 12:50:26  
OGOMES -TPZI  
PAGE NO: 2

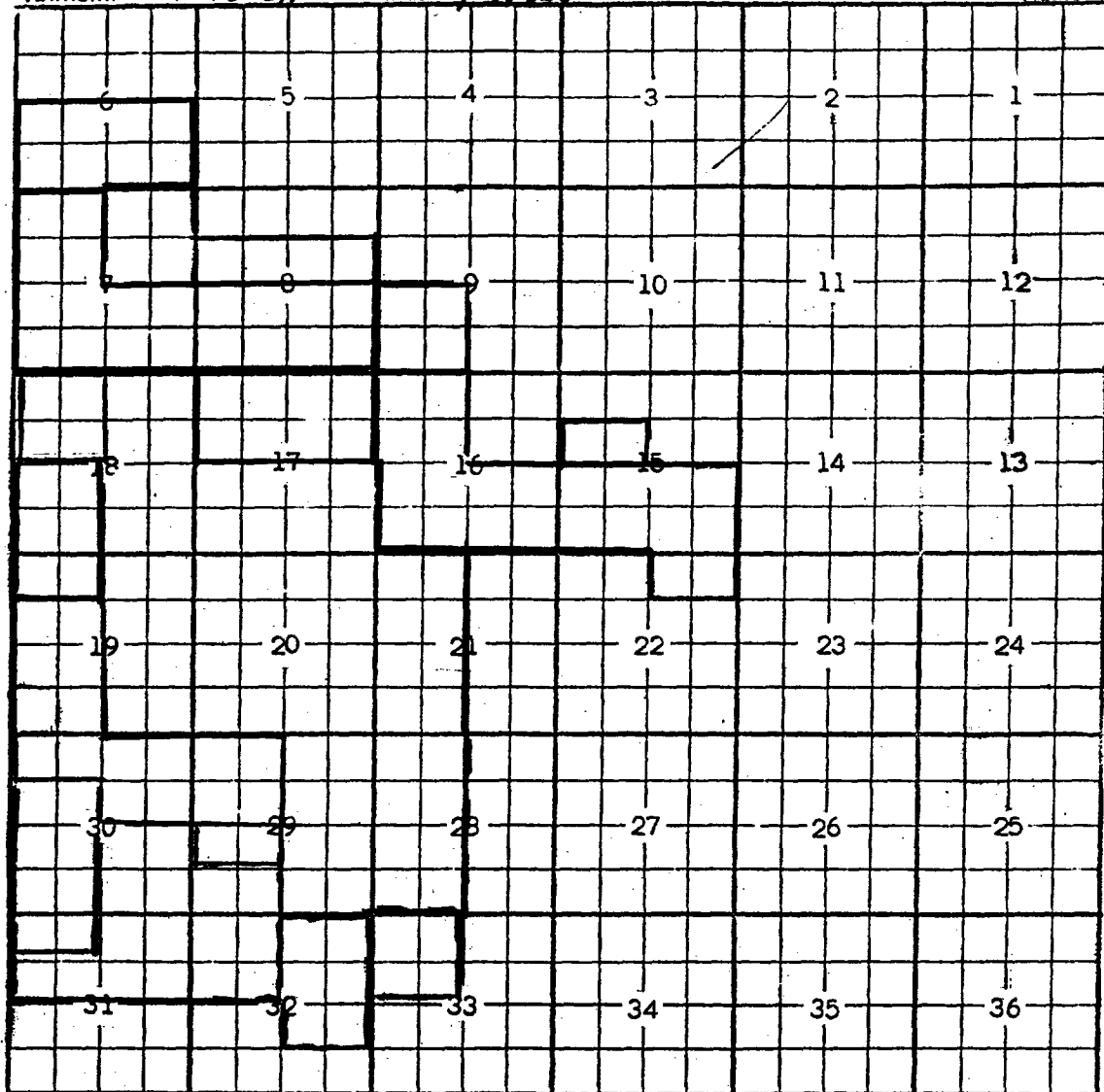
Sec : 28 Twp : 25N Rng : 09W Section Type : NORMAL

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

PF01 HELP	PF02	PF03 EXIT	PF04 GoTo	PF05	PF06
PF07 BKWD	PF08 FWD	PF09 PRINT	PF10 SDIV	PF11	PF12

County San Juan Pool Bisti-Lower Gallup Oil

TOWNSHIP 24 North RANGE 9 West NEW MEXICO PRINCIPAL MERIDIAN



Ext: NW 1/4 Sec. 7; 1/2 Sec. 8 (R-1167, 5-1-58) = SW 1/4 Sec. 9;  
 1/2 Sec. 17 (R-1175, 6-1-58) = 1/2 Sec. 6 (R-1468, 9-1-59)  
 = NE 1/4 Sec. 7; 1/2 1/2 Sec. 8 (R-1558, 1-1-60) = 1/2 Sec. 15; 1/2 1/2 Sec. 16;  
 1/2 NW 1/4 Sec. 22 (R-1908, 4-1-61) = 1/2 NW 1/4 Sec. 15 (R-2364, 12-1-62)

Ext: NW 1/4 Sec. 18 (R-7185, 1-13-83)

Ext: SW 1/4 Sec. 18, 1/2 NW 1/4 Sec. 19 (R-7277, 5-5-83)

Ext: 1/2 NW 1/4 and SW 1/4 Sec. 19, NW 1/4 Sec. 29, NE 1/4 and 1/2 NW 1/4 Sec. 30 (R-7420, 1-9-84)

Ext: 1/2 SW 1/4 Sec. 29 (R-7764, 1-8-85)

Ext: 1/2 NW 1/4 and SW 1/4 Sec. 30, 1/2 NW 1/4 Sec. 31 (R-8417, 3-24-87)

Ext: 1/2 SW 1/4 sec 29, SE 1/4 sec 30, NE 1/4 and 1/2 NW 1/4 sec 31, NW 1/4 sec 32,  
 (R-8915, 4-24-89) Ext: NE 1/4 and 1/2 NW 1/4 Sec. 32 (R-9362, 12-1-90)

Ext: 1/2 Sec. 17, 1/2 Sec. 18, 1/2 Sec. 19, All Sec. 20, 1/2 Sec. 21, 1/2 Sec. 28, 1/2 Sec. 29  
 (R-10178, 8-30-94) Ext: NW 1/4 Sec. 33 (R-10344, 4-24-95)

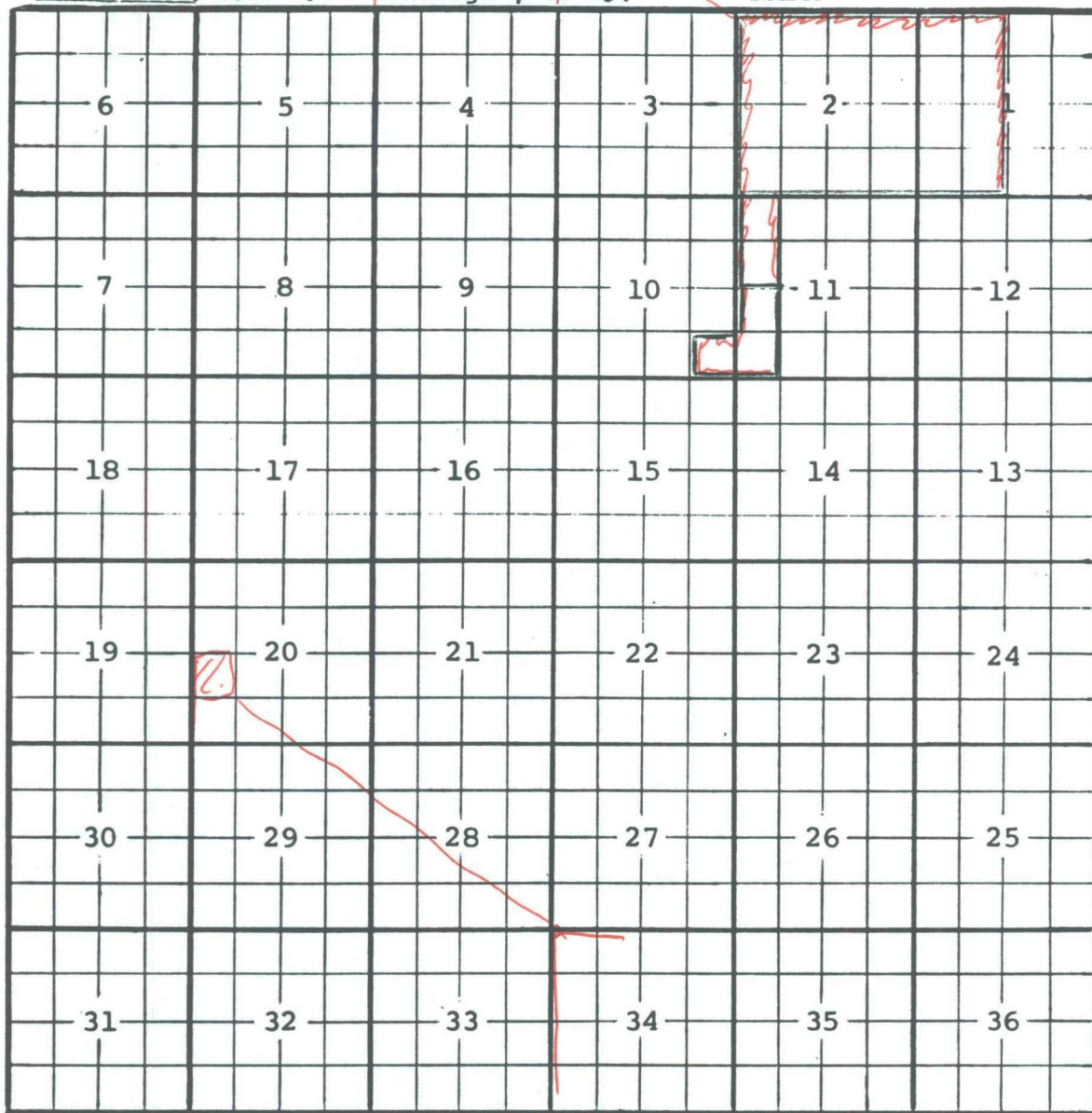
County San Juan

Pool White Wash Mancos-Dakota Oil

TOWNSHIP-24 North

Range 9 West

NMPM



Description:  $\frac{w}{2}$  Sec 1, All Sec 2 (R-5772, 7-1-78) EXT:  $\frac{w}{2}$  <sup>NW</sup>/<sub>4</sub> Sec 11,  
(R-6056, 8-1-79) EXT:  $\frac{SE}{4}$   $\frac{SE}{4}$  Sec. 10,  $\frac{w}{2}$   $\frac{SW}{4}$  Sec. 11 (R-7046, 8-6-82)