

HOLLAND & HART <sup>LLP</sup>  
AND  
CAMPBELL & CARR  
ATTORNEYS AT LAW

DENVER • ASPEN  
BOULDER • COLORADO SPRINGS  
DENVER TECH CENTER  
BILLINGS • BOISE  
CHEYENNE • JACKSON HOLE  
SALT LAKE CITY • SANTA FE  
WASHINGTON, D.C.

SUITE 1  
110 NORTH GUADALUPE  
SANTA FE, NEW MEXICO 87501-6525  
MAILING ADDRESS  
P.O. BOX 2208  
SANTA FE, NEW MEXICO 87504-2208

TELEPHONE (505) 988-4421  
FACSIMILE (505) 983-6043  
www.hollandhart.com

April. 26, 2001

**HAND DELIVERED**

Michael E. Stogner  
Chief Hearing Officer / Engineer  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and Natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87505

OIL CONSERVATION DIV.  
01 APR 27 AM 9:44

Re: **REINSTATEMENT OF ORDER NSL-3752-A**  
Application for Chevron U.S.A. Production Company for administrative  
approval of an unorthodox gas well location, Lea County, New Mexico.

Dear Mr. Stogner;

Division Administrative Order No. NSL-3752-A was entered on January 24, 2001 approving an unorthodox gas well location for Chevron U.S.A. Production Company's G. C. Matthews Well No. 12 (**API No. 30-025-05953**) to be re-entered and deepened into the Undesignated West Monument-Tubb Gas Pool at a location 330 feet from the South line and 990 feet from the East line (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico. At the March 1, 2001 Special Examiner Hearing on the applications of Sapient Energy Corporation in Cases 12587 and 12605 it was discovered that the lessees of record in the E/2 NE/4 of Section 7, Township 20 South, Range 37 East, NMPM had not been notified of the administrative application of Chevron U.S.A. Production Company for this unorthodox gas well location. Accordingly, at that time, Administrative Order NSL-3752-A was stayed and Chevron was directed to notify these lessees as required by Division Rules 104.F and 1207.A(2).

By letters dated March 5, 2001, all lessees of record in the E/2 NE/4 of Section 7 (See Chevron Exhibit A, Cases 12587 and 12605 (Consolidated)) were provided copies of Chevron's administrative application and advised that they had 20 days to make

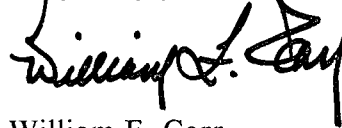
Letter to Michael E. Stogner  
April 26, 2001  
Page 2

objections to the Oil Conservation Division's Santa Fe Office. It is my understanding that no objections have been made. Copies of these letters and the return receipts are attached hereto.

I have been advised that a rig has become available to drill this well and if Order No. NSL-3752-A is reinstated, they can move onto this location at the end of this week. Chevron therefore requests that the March 1, 2001 stay be lifted and Administrative Order NSL-3752-A be reinstated.

Your attention to this matter is appreciated.

Very truly yours,

A handwritten signature in black ink, appearing to read "William F. Carr". The signature is stylized with a large, sweeping "W" and a long, horizontal stroke extending to the right.

William F. Carr  
Attorney for Chevron U.S.A. Inc.

enc.

cc: Abel P. Lobato  
Chevron U.S.A. Inc.

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

District II

911 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 March 17, 1999

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 30-025-05953		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name Monument; Tubb West
<sup>4</sup> Property Code 2688	<sup>5</sup> Property Name G. C. Mathews		<sup>6</sup> Well Number 12
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron		<sup>9</sup> Elevation 3556

<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
P	6	20S	37E		330	South	990	East	Lea

<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 160	<sup>13</sup> Joint or Infill N	<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

16					<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Lloyd V. Trautman</i> Signature Lloyd V. Trautman Printed Name Sr Pet Eng. Title 10/11/2000 Date</p>
					<p><sup>18</sup> SURVEYOR CERTIFICATION 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>

Diagram showing well location: 12' vertical distance, 330' horizontal distance, 990' horizontal distance.

March 5, 2001

Administrative Application For  
Unorthodox Gas Well Location  
Chevron USA Production Co.  
Monument Tubb, West Gas Pool  
Lea County, New Mexico  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E

Conoco Inc.  
10 Desta Drive  
Suite 100W  
Midland, Texas 79705-4500

Ladies/Gentlemen:

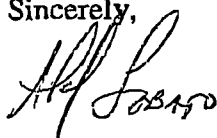
Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Abel Lobato at (915) 687-7254.

Sincerely,



Abel P. Lobato  
Petroleum Engineer  
New Mexico Area

Attachments

cc: Central Files - Lease and Well Files

SENDER: COMPLETE THIS SECTION		RECEIVER: COMPLETE THIS SECTION	
<p> <input checked="" type="checkbox"/> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.  <input checked="" type="checkbox"/> Print your name and address on the reverse so that we can return the card to you.  <input checked="" type="checkbox"/> Attach this card to the back of the mailpiece, or on the front if space permits. </p>		<p> A. Received by (Please Print Name) <i>[Signature]</i> B. Date of Delivery <i>3/7/01</i>  C. Signature <i>Jhanna Williams</i> <input type="checkbox"/> Agent <input checked="" type="checkbox"/> Address only  D. Is delivery address different from item 1? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No  If YES, enter delivery address below: </p>	
<p>1. Article Addressed to:</p> <p> Conoco Inc  10 Desta Drive, Ste 100W  Midland TX 79705 </p>		<p>3. Service Type</p> <p> <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail  <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise  <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D. </p>	
<p>2. Article Number (Copy from service label)</p> <p>G.C. Matthews #12</p>		<p>4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>	
<p>PS Form 3811, July 1999 Domestic Return Receipt PSN 7530-11-0052</p>			

March 20, 2001

Administrative Application For  
Unorthodox Gas Well Location  
Chevron USA Production Co.  
Monument Tubb, West Gas Pool  
Lea County, New Mexico  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E

Phillips Petroleum Co.  
4001 Penbrook  
Odessa, TX 79762

Ladies/Gentlemen:

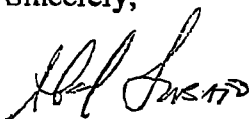
Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Abel Lobato at (915) 687-7254.

Sincerely,



Abel P. Lobato  
Petroleum Engineer  
New Mexico Area

Attachments

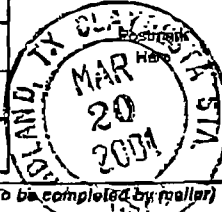
cc: Central Files - Lease and Well Files

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

7000 0520 0020 3929 3925

Phillips Petroleum - G.C. Matthews 12

Postage	\$ 39
Certified Fee	190
Return Receipt Fee (Endorsement Required)	150
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 379



**Chevron U.S.A.** (To be completed by addressee)  
**Attn: Abel Lobato**  
**P. O. Box 1150**  
**Midland, TX 79702**

PS Form 3800, February 2000 See Reverse for Instructions

**Phillips Petroleum Co.**  
**4001 Penbrook**  
**Odessa, TX 79762**

6. Signature of Addressee  
 X *Abel Lobato*  
 7. Date of Delivery  
 3/21/01

March 20, 2001

Administrative Application For  
Unorthodox Gas Well Location  
Chevron USA Production Co.  
Monument Tubb, West Gas Pool  
Lea County, New Mexico  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E

Ruth Sutton  
2826 Moss Av.  
Midland, TX 79705

Ms. Sutton,

Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Abel Lobato at (915) 687-7254.

Sincerely,



Abel P. Lobato  
Petroleum Engineer  
New Mexico Area

Attachments

cc: Central Files - Lease and Well Files



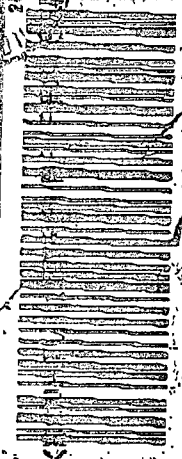


Chevron U.S.A. Production Company  
P.O. Box 1150  
Midland, TX 79702

Sent this out March 20 2001  
but it sat in business mailbox  
without opening. Sent back  
to Chevron.  
Sent second certified letter  
on April 14th. No response yet.

*[Handwritten signature]*  
4/18/01

POSTAGE WILL BE PAID BY ADDRESSEE  
TO THE POST OFFICE  
FOLD HERE TO OPEN  
CERTIFIED MAIL



7000 0520 0000 7929 3925

Certified Mail

Ruth Sutton  
2826 Moss Av.  
Midland, TX 79705

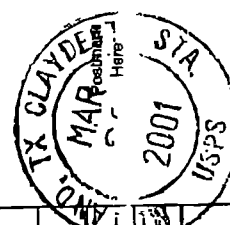
79705X442550120

Midland, TX 79705

U.S. Postal Service  
CERTIFIED MAIL RECEIPT  
(Domestic Mail Only: No Insurance Coverage Provided)

Ruth Sutton - G.C. Matthews 12

Postage	\$ 34
Certified Fee	190
Return Receipt Fee (Endorsement Required)	150
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 374



(To be completed by mailer)

Chevron U.S.A.  
Attn: Abel Lobato  
P.O. Box 1150  
Midland, TX 79702

See Reverse for Instructions

Ruth Sutton  
2826 Moss Av.  
Midland, TX 79705

March 20, 2001

Administrative Application For  
Unorthodox Gas Well Location  
Chevron USA Production Co.  
Monument Tubb, West Gas Pool  
Lea County, New Mexico  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E

Larry Nernmyr  
P.O. Box 4106  
Sydney, MT 59270

Mr. Nernmyr,

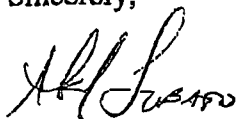
Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Abel Lobato at (915) 687-7254.

Sincerely,



Abel P. Lobato  
Petroleum Engineer  
New Mexico Area

Attachments

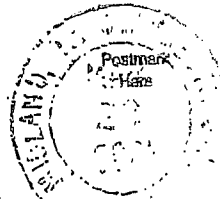
cc: Central Files - Lease and Well Files

7000 0520 0020 3929 3949

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
(Domestic Mail Only - No Insurance Coverage Provided)

Larry Nermyr - G.C. Matthews 12

Postage	\$ 34
Certified Fee	190
Return Receipt Fee (Endorsement Required)	160
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 374



**Chevron U.S.A.**  
Attn: Abel Lobato  
P. O. Box 1150  
Midland, TX 79702

(To be completed by mailer)

See Reverse for Instructions

Larry Nermyr  
P. O. Box 4106  
Sydney, MT 59270

March 20, 2001

Administrative Application For  
Unorthodox Gas Well Location  
Chevron USA Production Co.  
Monument Tubb, West Gas Pool  
Lea County, New Mexico  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E

James E. Burr  
P.O. Box 50233  
Midland, TX 79710

Mr. Burr,

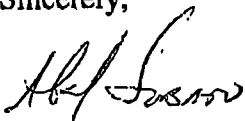
Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Abel Lobato at (915) 687-7254.

Sincerely,



Abel P. Lobato  
Petroleum Engineer  
New Mexico Area

Attachments

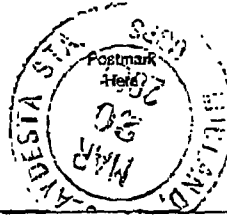
cc: Central Files - Lease and Well Files

U.S. Postal Service  
**CERTIFIED MAIL RECEIPT**  
 (Domestic Mail Only; No Insurance Coverage Provided)

2326 6426 0200 0250 0002

James Burr - GC Mother's 12

Postage	\$ 34
Certified Fee	190
Return Receipt Fee (Endorsement Required)	150
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$ 374



**F. Chevron U.S.A.**  
**Attn: Abel Lobato**  
**P. O. Box 1150**  
**Midland, TX 79702**

PS Form 3800, February 2000

See Reverse for Instructions

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- ▼ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

**James E. Burr**  
**3803 Wedgewood Ct.**  
**Midland, TX 79707**

Article Number (Copy from service label)

Form 3811 July 1999

**COMPLETE THIS SECTION ON DELIVERY**

A. Received by (Please Print Clearly) **Jim Burr** B. Date of Delivery **3-27-01**

C. Signature **Jim Burr** ☐ Agent ☐ Addressee

D. Is delivery address different from item 1? ☐ Yes ☐ No  
 If YES, enter delivery address below:

3. Service Type  
☒ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☒ Yes ☐ No

Domestic Return Receipt

HOLLAND & HART<sup>LLP</sup>  
and  
CAMPBELL & CARR  
ATTORNEYS AT LAW

DENVER • ASPEN  
BOULDER • COLORADO SPRINGS  
DENVER TECH CENTER  
BILLINGS • BOISE  
CHEYENNE • JACKSON HOLE  
SALT LAKE CITY • SANTA FE  
WASHINGTON, D.C.

P.O. BOX 2208  
SANTA FE, NEW MEXICO 87504-2208  
110 NORTH GUADALUPE, SUITE 1  
SANTA FE, NEW MEXICO 87501

TELEPHONE (505) 988-4421  
FACSIMILE (505) 983-6043

January 2, 2001

**HAND DELIVERED**

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

OIL CONSERVATION DIV.  
01 JAN -2 AM 5:42

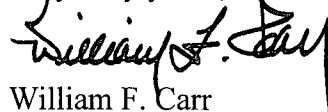
Re: Application of Chevron U.S.A. Production company for administrative approval  
of an unorthodox gas well location, Lea County, New Mexico.

Dear Mr. Stogner,

By letter dated October 11, 2000, Chevron U.S.A. Production Company filed an administrative application with the Oil Conservation Division seeking approval to recomplete its G. C. Matthews Well No. 12 in the Tubb formation, West Monument-Tubb Gas Pool, at an unorthodox gas well location 330 feet from the South line and 990 feet from the East line (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico.

On October 31, 2000, Sapient Energy Corp. filed an objection to this location but recommended that Sapient and Chevron discuss this matter prior to the application being set for hearing. To date no agreement has been reached concerning this dispute and Chevron requests that its application be set for hearing on January 25, 2001 before a Division examiner. Accordingly, I enclose and have filed a legal advertisement for this case. Your attention to this request is appreciated.

Very truly yours,



William F. Carr  
Attorney for Chevron U.S.A.  
Production Company

cc: W. Thomas Kellahin, Esq.  
Lloyd V. Trautman  
Chevron U.S.A. Production Company

CASE \_\_\_\_\_:

**Application of Chevron U.S.A. Production Company for an unorthodox well location, Lea County, New Mexico.** Applicant seeks authorization to recomplete its G. C. Matthews Well No. 12 (API No. 30-025-05953) in the ~~Tub formation, West Monument-Tubb Gas Pool~~<sup>Gas</sup> ~~Pool~~<sup>formation</sup> at an unorthodox well location 330 feet from the South line and 990 feet from the East line (Unit P) of Section 6, Township 20 South, Range 37 East, ~~NMPM~~. The SE/4 of Section 6 is to be dedicated to the well. This well is located approximately 5 miles northwest of Eunice, New Mexico.

*to form a structural  
160 acre gas spacing  
and production unit for  
the West Monument-Tubb Gas  
Pool,*

OIL CONSERVATION DIV.  
01 JAN -2 AM 5:50

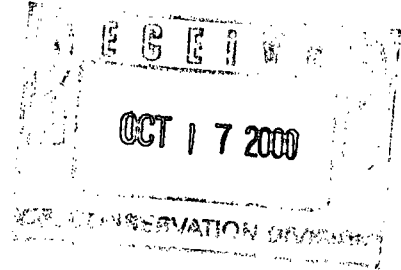
29347457 NSL 11/6/00



October 11, 2000

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico



State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn.: Ms. Lori Wrotenbery  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Ms. Wrotenbery:

Chevron USA respectfully requests your approval of this administrative application for the subject non-standard gas well location in the Monument Tubb West Pool.

The G. C. Matthews #12 (30-025-05953) was drilled and completed in October, 1954, as a Paddock well in the Monument Paddock Field. The well has been completed in the Grayburg and the Eumont. The most recent work was in 1997 when the Yates was completed. See the attached wellbore schematic for the history of the well. The #12 well currently is shut-in. This well was drilled as a standard location for the Paddock at 330' from the lease line, but is a non-standard location for the Tubb gas.

The Cross Timbers Barber Bertha #12 (30-025-05978) well is located at 330' FNL and 660' FEL of Section 7, T20S, R37E and is the south offset to Chevron's #12 well. The G. C. Matthews #12 well will be deepened from 5700' to 6500' and then completed in the Tubb. The cost to do this is significantly less than to drill a new well.



A copy of this Application was sent to each of the offset operators. All notices were sent by certified mail.

Attachments include: map, wellbore schematic, C-102 plat, list of offset operators, and a copy of the notification letter sent. If you have any questions or require any further information concerning this application, please contact me at (915) 687-7152.

Sincerely,

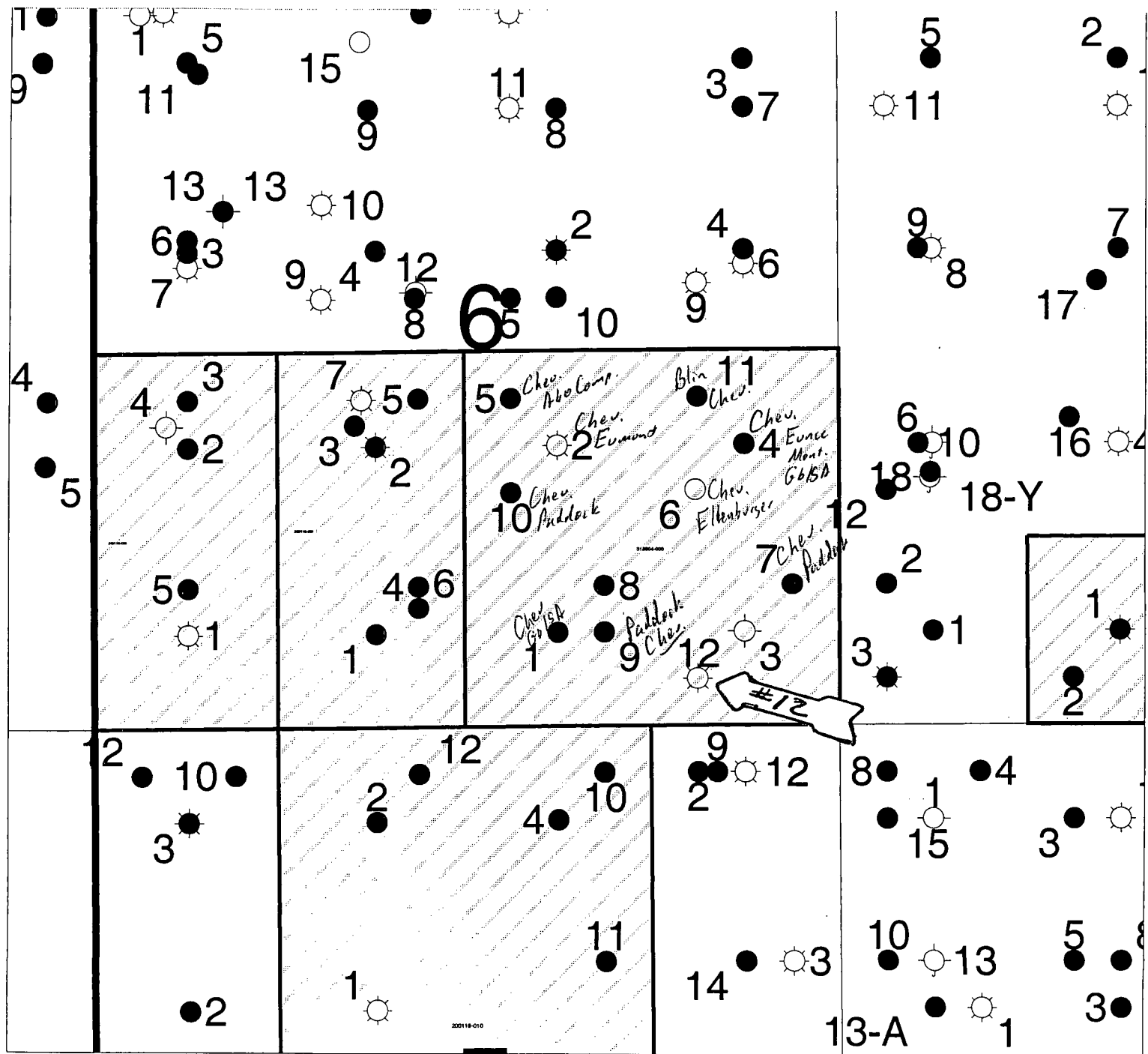
A handwritten signature in cursive script, reading "Lloyd V. Trautman". The signature is fluid and stylized, with the first and last names being more prominent than the middle initial.

Lloyd V. Trautman  
Sr. Petroleum Engineer  
New Mexico Area

lvt  
Attachments

cc: NMOCD -- Hobbs, NM  
J. K. Ripley  
T. R. Denny  
L. V. Trautman  
R. M. Vaden  
Central Files

Administrative Application For  
 Non-Standard Gas Well Location  
 Chevron USA Production Co.  
 G. C. Matthews #12  
 Surface Loc. 330' FSL & 990' FEL  
 Section 6, T20S, R37E  
 Monument Tubb West Pool  
Lea County, New Mexico



# WELL DATA SHEET

**FIELD:** Eumont

**WELL NAME:** G. C. Matthews #12

**FORMATION:** Yates

**LOC:** 330' FSL & 990' FEL  
**TOWNSHIP:** 20S  
**RANGE:** 37E

**SEC:** 6  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3556'  
**KB to GL:** 11'  
**DF to GL:**

**CURRENT STATUS:** SI  
**API NO:** 30-025-05953  
**REFNO:**

Date Completed: 10/26/54

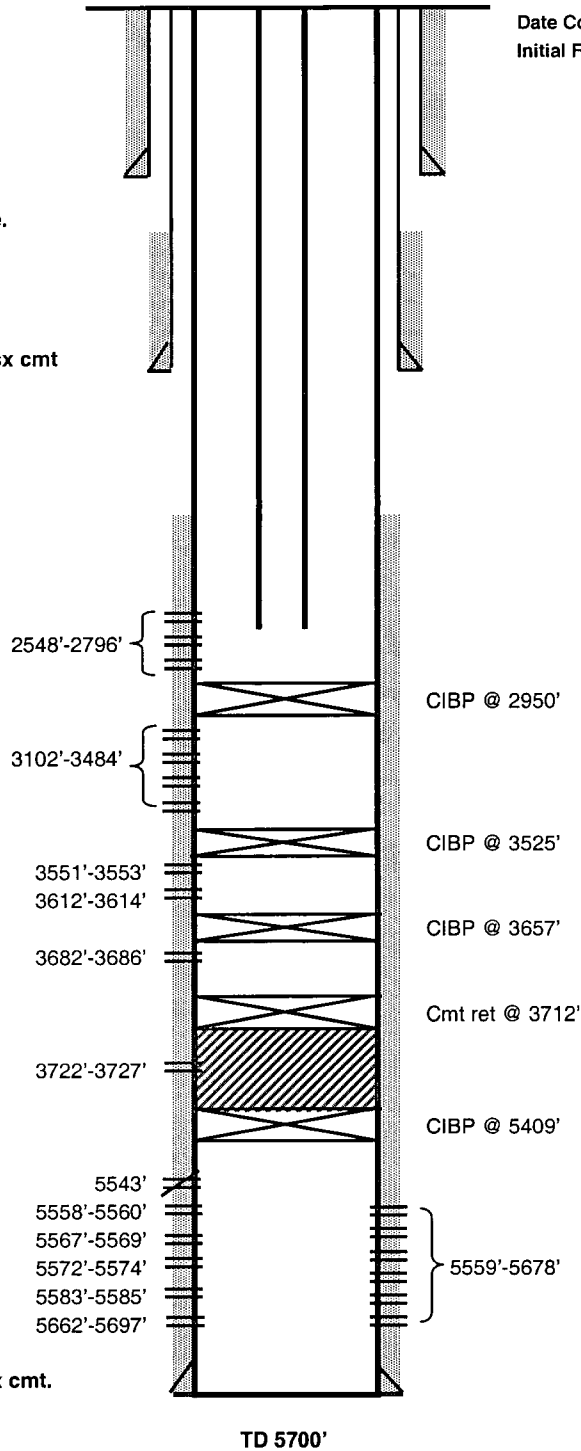
Initial Formation:

**Completion Data:**

Perf 7" csg @ 5662'-5697' w/4 1/2" JHPF. Acdz w/1000 gals 15% NE acid. Swb & well kicked off flowing.

13-3/8" OD, 48#  
Surf Pipe set @ 408'  
W/400 sx cmt  
Circulated to surface.

9 5/8" OD, 36# Csg  
Set @ 2899' w/1575 sx cmt  
TOC @ 420' by TS.



7" OD, 20 & 23# Csg  
Set @ 5699' w/400 sx cmt.  
TOC @ 2100' by TS.

**Formation Tops**

Rustler	1025
T/Salt	1080
B/Salt	2040
Yates	2423
7-Rivers	2723
Queen	3093
Grayburg	3392
San Andres	3760
Glorieta	5070
Blinebry	5658

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 March 17, 1999

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 30-025-05953	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name Monument; Tubb West
<sup>4</sup> Property Code 2688	<sup>5</sup> Property Name G. C. Mathews	<sup>6</sup> Well Number 12
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron	<sup>9</sup> Elevation 3556

<sup>10</sup> Surface Location

UL or lot no. P	Section 6	Township 20S	Range 37E	Lot Idn	Feet from the 330	North/South line South	Feet from the 990	East/West line East	County Lea
--------------------	--------------	-----------------	--------------	---------	----------------------	---------------------------	----------------------	------------------------	---------------

<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 160	<sup>13</sup> Joint or Infill N	<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

16				<p><sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</p> <p><i>Lloyd V. Trautman</i> Signature Lloyd V. Trautman Printed Name Sr Pet Eng. Title 10/11/2000 Date</p> <p><sup>18</sup> SURVEYOR CERTIFICATION 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 Surveyer:</p> <p>____ Certificate Number</p>

#12 990' 330'

**Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico**

**Offset Operators**

Amerada Hess Corporation  
500 Dallas Street, Level 2  
Houston, TX 77002

Cross Timbers Operating Company  
3000 N. Garfield  
Suite 250  
Midland, TX 79705

Marathon Oil Company  
125 West Missouri Ave  
Midland, TX 79701

Rice Engineering  
122 West Taylor  
Hobbs, NM 88240

Texaco Exploration and Production Inc.  
P.O. Box 3109  
Midland, TX 79702

Falcon Creek Resources Inc.  
621 17<sup>th</sup> Street  
Suite 1800  
Denver, CO 80293-0621



**Chevron**

October 11, 2000

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico

(Offset Operator)

Ladies/Gentlemen:

Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Lloyd Trautman at (915) 687-7152.

Sincerely,

**COPY**

Lloyd V. Trautman  
Sr. Petroleum Engineer  
New Mexico Area

Attachments

cc: Central Files - Lease and Well Files

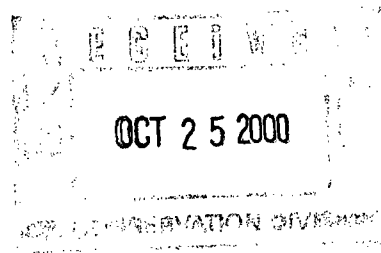


**Chevron**

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

October 19, 2000

G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico



State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn.: Ms. Lori Wrotenbery  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Ms. Wrotenbery:

Chevron recently submitted an application for a non-standard gas well location on the subject well; however, the "Administrative Application Coversheet" was inadvertently not included. Please include the enclosed coversheet with the aforementioned application.

I apologize for the inconvenience this may have caused. If you need further information, feel free to contact me at (915) 687-7152.

Sincerely,

Lloyd V. Trautman  
Senior Petroleum Engineer  
New Mexico Area

/trk

DATE IN	SUSPENSE	ENGINEER	LOGGED	TYPE
---------	----------	----------	--------	------

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
 [DD-Directional Drilling] [SD-Simultaneous Dedication]  
 [DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
 [PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
 [WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
 [SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
 [EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

**[1] TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

☒ NSL      NSP      DD      SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

DHC      CTB      PLC      PC      OLS      OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX      PMX      SWD      IPI      EOR      PPR

**[2] NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

☒ [B] Offset Operators, Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

☒ [E] For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

**[3] INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Lloyd V. Trautman  
Print or Type Name

*Lloyd V. Trautman*  
Signature

Sr Pet Eng  
Title

10/19/00  
Date





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

October 26, 2000

**Chevron U.S.A. Production Company  
P. O. Box 1150  
Midland, Texas 79702**

**Attention: Lloyd V. Trautman**

**Re: *Application for administrative approval for Chevron U.S.A. Production Company's existing G. C. Matthews Well No. 12 (API No. 30-025-05953) located 330' FSL & 990' FEL (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be deepened to the Undesignated West Monument-Tubb Gas Pool and completed at the above-described unorthodox gas well location within the SE/4 of Section 6, being a standard 160-acre gas spacing and proration unit for this pool.***

Dear Mr. Trautman:

In reviewing the subject application I can't help but notice the availability of several other Chevron owned wells within the SE/4 of Section 6 located at standard gas well locations that could be deepened or others that would require a recompletion to add the Tubb interval. Why was this well chosen?

Sincerely

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Hobbs

## **Stogner, Michael**

---

**From:** Stogner, Michael  
**Sent:** Thursday, October 26, 2000 2:45 PM  
**To:** Williams, Chris  
**Cc:** Pitzer, Donna; Peterson, Marie; Kautz, Paul  
**Subject:** Bertha J. Barber #12

In reviewing an NSL request for Chevron in P-6-T20S-R37E, Und. West Monument-Tubb Gas Pool, Lea County, I found that I was in need of additional information on an offset well in Section 7 that I couldn't find here in Santa Fe.

The Santa Fe well file shows that the Falcon Creek Resources, Inc. Bertha J. Barber Well No. 12 (**API No. 30-025-05978**) is located at an unorthodox gas well location 330' FNL & 660' FEL (Unit A) of Section 7 and its acreage dedication is the E/2 E/2 of Section 7, which is a non-standard gas spacing and proration unit pursuant to Division Rule 104.C (3). I have looked all over and can't find approval for either the unorthodox gas well location or this non-standard unit. What does your records show? Sorry for the inconvenience.

a well producing from this pool that



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

January 2, 1997

Chevron U.S.A. Inc.  
P. O. Box 1150  
Midland, Texas 79702  
Attn: A. W. Bohling

*Administrative Order NSL-3752(SD)*

Dear Mr. Bohling:

Reference is made to your application dated December 4, 1996 for an unorthodox Eumont gas well location in an existing non-standard 160-acre gas spacing and proration unit ("GPU") for said Eumont Gas Pool comprising the SE/4 of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico. Said GPU was established by Division Administrative Order NSP-312, dated September 7, 1956, and had dedicated thereon the G. C. Matthews Well No. 2 (API No. 30-025-12721), located at a standard gas well location 1980 feet from the South and East line (Unit J) of said Section 6.

It is our understanding that the subject well to be considered in this application is currently a producing oil well in the Eunice Monument-Grayburg San Andres Pool and upon issuance of this order will be recompleted up-hole into the Eumont Gas Pool.

By authority granted me under the provisions of **Rule 2(d)** of the "*Special Rules and Regulations for the Eumont Gas Pool*", as promulgated by Division Order No. R-8170, as amended, the following described well located at an unorthodox Eumont gas well location is hereby approved:

*G. C. Matthews Well No. 12  
330' FSL & 990' FEL (Unit P) of said Section 6  
API No. 30-025-05953.*

Also, you are hereby authorized to simultaneously dedicate Eumont gas production from both the G. C. Matthews Well Nos. 2 and 12. Furthermore, you are hereby permitted to produce the allowable assigned the subject GPU from both wells in any proportion.

All provisions of said Division Administrative Order NSP-312 shall remain in full force and effect until further notice.

Sincerely,

William J. LeMay  
Director

WJL/MES/kv

cc: Oil Conservation Division - Hobbs  
NSP-312

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

10/26/00 13:51:16  
OGOMES -TPVU  
PAGE NO: 1

Sec : 06 Twp : 20S Rng : 37E Section Type : NORMAL

4 38.81  Fee owned U A A A	3 40.16  Fee owned U P A A	2 40.18  Fee owned U A A P	1 40.19  Fee owned U A P
5 38.80  Fee owned U A A P A	F 40.00  Fee owned U A A	G 40.00  Fee owned U A A A	H 40.00  Fee owned U A A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

10/26/00 13:51:26  
OGOMES -TPVU  
PAGE NO: 2

Sec : 06 Twp : 20S Rng : 37E Section Type : NORMAL

6 38.94	K 40.00	J 40.00	I 40.00
Federal owned	Federal owned	Fee owned	Fee owned
A A	A A	A A A	A A A
7 39.07	N 40.00	O 40.00	P 40.00
Federal owned	Federal owned	Fee owned	Fee owned
A A	A A A	A A	A A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD : ONGARD 10/26/00 13:53:09  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPVU

API Well No : 30 25 5953 Eff Date : 06-11-1997 WC Status : A  
Pool Idn : 76480 EUMONT;YATES-7 RVRS-QUEEN (PRO GAS)  
OGRID Idn : 4323 CHEVRON U S A INC  
Prop Idn : 2688 G C MATTHEWS

Well No : 012  
GL Elevation: 3556

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: P	6	20S	37E	FTG 330 F S	FTG 990 F E	A

Lot Identifier:

Dedicated Acre: 160.00

Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

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

CMD : ONGARD 10/26/00 14:05:29  
OG6IWCM INQUIRE WELL COMPLETIONS OGOMES -TPGI

API Well No : 30 25 5978 Eff Date : 04-01-2000 WC Status : A  
Pool Idn : 96968 MONUMENT;TUBB, WEST (GAS)  
OGRID Idn : 169415 FALCON CREEK RESOURCES, INC.  
Prop Idn : 25641 BERTHA J BARBER

Well No : 012  
GL Elevation: 3557

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn	: A	7	20S	37E	FTG 330 F N	FTG 660 F E	A

Lot Identifier:

Dedicated Acre: 160.00

Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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

CMD : ONGARD 10/26/00 14:20:28  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPGI  
Page No : 1

API Well No : 30 25 5978 Eff Date : 08-16-1999  
Pool Idn : 96968 MONUMENT;TUBB, WEST (GAS)  
Prop Idn : 25641 BERTHA J BARBER Well No : 012  
Spacing Unit : 52370 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : Acreage : 160.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		7	20S	37E	40.00	N	FE		
	H		7	20S	37E	40.00	N	FE		
	I		7	20S	37E	40.00	N	FE		
	P		7	20S	37E	40.00	N	FE		

E0005: Enter data to modify or PF keys to scroll

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



## 104 WELL SPACING AND LOCATION

### 104.A. CLASSIFICATION OF WELLS: WILDCAT AND DEVELOPMENT WELLS

#### (1) Wildcat Wells:

##### (a) San Juan, Rio Arriba, Sandoval, and McKinley Counties

Any well to be drilled the spacing unit of which is a distance of 2 miles or more from:

- (i) the outer boundary of any defined pool that has produced oil or gas from the formation to which the well is projected; and
- (ii) any well which has produced oil or gas from the formation to which the proposed well is projected.  
[12-29-52...2-1-96]

##### (b) All Counties Except San Juan, Rio Arriba, Sandoval, and McKinley

Any well to be drilled the spacing unit of which is a distance of one mile or more from:

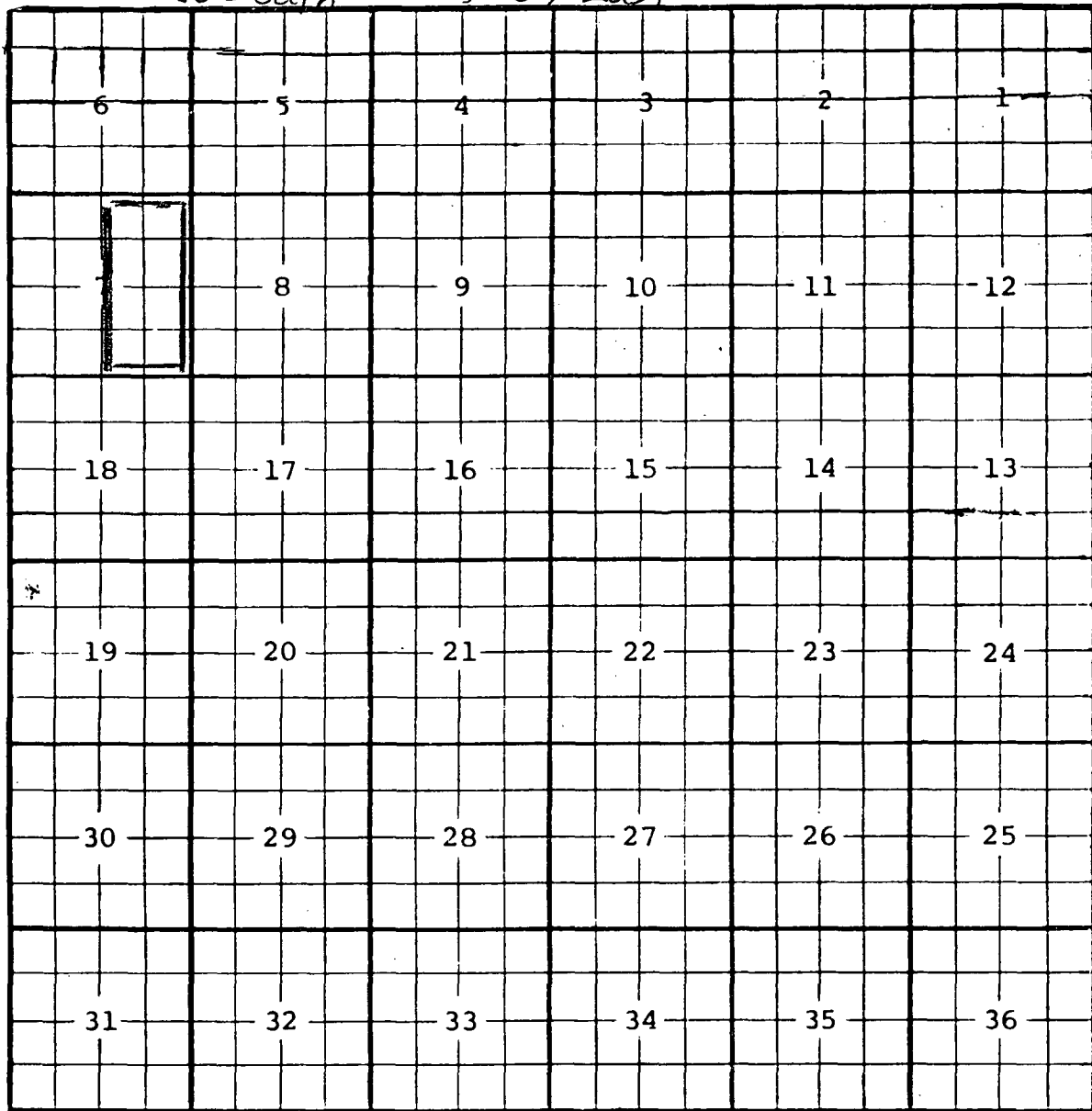
- (i) the outer boundary of any defined pool that has produced oil or gas from the formation to which the well is projected; and
- (ii) any well which has produced oil or gas from the formation to which the proposed well is projected.  
[12-29-52...2-1-96]

#### (2) Development Wells

- (a) Any well which is not a wildcat well as defined above shall be classified as a development well for the nearest pool which has produced oil or gas from the formation to which the well is projected. Such development well shall be spaced, drilled, operated, and produced in accordance with the rules in effect for that pool, provided the well is completed in that formation. [5-25-64...2-1-96]
- (b) Any well classified as a development well for a pool but which is completed in a producing formation not included in the vertical limits of that pool shall be operated and produced in accordance with the rules in effect for the nearest pool (within the 2 mile limit in San Juan, Rio Arriba,

West Monument-Tubb Gas

NMPM



Description:  $\frac{E}{2}$  sec. 7 (R-11304, 1-12-00)

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 12321  
Order No. R-11304

THE APPLICATION OF THE OIL CONSERVATION  
DIVISION FOR AN ORDER CREATING AND  
EXTENDING CERTAIN POOLS IN LEA COUNTY,  
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on January 6, 2000, in Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 17th day of January, 2000, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.

(2) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Upper Silurian formation, bearing the designation of North Fowler-Upper Silurian Pool. The North Fowler-Upper Silurian Pool was discovered by the Altura Energy Ltd. South Mattix Unit Federal Well No. 24 located in Unit O of Section 15, Township 24 South, Range 37 East, NMPM, which was completed in the Upper Silurian formation on June 18, 1999. The top of the perforations is at 7,118 feet.

(3) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Abo formation, bearing the designation of Southwest Lovington-Abo Pool. The Southwest Lovington-Abo Pool was discovered by the David H. Arrington Oil & Gas Inc. Brassie Well No. 1 located in Unit I of Section 33, Township 16 South, Range 36 East, NMPM, which was completed in the Abo formation on July 25, 1999. The top of the perforations is at 8,891 feet.

(4) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the McKee formation, bearing the designation of Maljamar-McKee Gas Pool. The Maljamar-McKee Gas Pool was discovered by the Mack Energy Corporation MC Federal Well No. 1 located in Unit E of Section 22, Township 17 South, Range 32 East, NMPM, which was completed in the McKee formation on October 15, 1999. The top of the perforations is at 14,805 feet.

(5) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Drinkard formation.. bearing the designation of North Monument-Drinkard Gas Pool. The North Monument-Drinkard Gas Pool was discovered by the Chevron USA Inc. Monument 13 State Well No. 17 located in Unit F of Section 13, Township 19 South, Range 36 East, NMPM, which was completed in the Drinkard formation on June 30, 1999. The top of the perforations is at 6,696 feet.

(6) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Tubb formation, bearing the designation of West Monument-Tubb Gas Pool. The West Monument-Tubb Gas Pool was discovered by the Cross Timbers Operating Company Bertha J. Barber Well No. 12 located in Unit A of Section 7, Township 20 South, Range 37 East, NMPM, which was completed in the Tubb formation on August 21, 1999. The top of the perforations is at 6,364 feet.

(7) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the San Andres formation, bearing the designation of West Nadine-San Andres Pool. The West Nadine-San Andres Pool was discovered by the Capataz Operating Inc. Keach Well No. 1 located in Unit O of Section 4, Township 20 South, Range 38 East, NMPM, which was completed in the San Andres formation on April 22, 1999. The top of the perforations is at 4,224 feet.

(8) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Yates formation, bearing the designation of North Nadine-Yates Pool. The North Nadine-Yates Pool was discovered by the Xeric Oil and Gas Corporation Cain Well No. 2 located in Unit N of Section 14, Township 19 South, Range 38 East, NMPM, which was completed in the Yates formation on May 29, 1999. The top of the perforations is at 2,937 feet.

(9) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, bearing the designation of North Teague-Wolfcamp Pool. The North Teague-Wolfcamp Pool was discovered by the Texaco Exploration and Production Inc. R. R. Sims A Well No. 1 located in Unit N of Section 4, Township 23 South, Range 37 East, NMPM, which was completed in the Wolfcamp formation on May 18, 1999. The top of the perforations is at 7,246 feet.

(10) There is need for certain extensions to the Antelope Ridge-Atoka Gas Pool, the Antelope Ridge-Strawn Gas Pool, the South Big Dog-Strawn Pool, the Blinebry Oil and Gas Pool, the South Corbin-Bone Spring Pool, the DK-Abo Pool,

the EK-Delaware Pool, the Southwest Eunice-San Andres Pool, the Gem-Morrow Gas Pool, the Goodwin-Abo Pool, the Grama Ridge-Morrow Gas Pool, the North Hardy-Strawn Pool, the High Plains-Permo Upper Pennsylvanian Pool, the House-Drinkard Pool, the Johnson Ranch-Wolfcamp Gas Pool, the Klein Ranch-Morrow Gas Pool, the West Lovington-Strawn Pool, the West Midway-Upper Pennsylvanian Pool, the Teas-Delaware Pool, the North Vacuum-Atoka-Morrow Gas Pool, and the West Wantz-Abo Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED THAT:

(a) A new pool in Lea County, New Mexico, classified as an oil pool for Upper Silurian production is hereby created and designated as the North Fowler-Upper Silurian Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM  
Section 15: SE/4

(b) A new pool in Lea County, New Mexico, classified as an oil pool for Abo production is hereby created and designated as the Southwest Lovington-Abo Pool., consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 33: SE/4

(c) A new pool in Lea County, New Mexico, classified as a gas pool for McKee production is hereby created and designated as the Maljamar-McKee Gas Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
Section 22: W/2

(d) A new pool in Lea County, New Mexico, classified as a gas pool for Drinkard production is hereby created and designated as the North Monument-Drinkard Gas Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 36 EAST, NMPM  
Section 13: NW/4

(e) A new pool in Lea County, New Mexico, classified as a gas pool for Tubb production is hereby created and designated as the West Monument-Tubb Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 7: E/2

(f) A new pool in Lea County, New Mexico, classified as an oil pool for San Andres production is hereby created and designated as the West Nadine-San Andres Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 4: SE/4

(g) A new pool in Lea County, New Mexico, classified as an oil pool for Yates production is hereby created and designated as the North Nadine-Yates Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM

Section 14: SW/4

(h) A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production is hereby created and designated as the North Teague-Wolfcamp Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM

Section 4: SW/4

(i) The Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

Section 9: NW/4 and S/2

(j) The Antelope Ridge-Strawn Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

Section 9: W/2 and SE/4

Section 10: SW/4

Section 15: NW/4

(k) The South Big Dog-Strawn Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM

Section 12: NW/4

(l) The Blinebry Oil and Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 25: S/2

(m) The South Corbin-Bone Spring Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
Section 27: SW/4

(n) The DK-Abo Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 13: NE/4

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM  
Section 18: NW/4

(o) The EK-Delaware Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
Section 24: SE/4  
Section 25: NE/4

(p) The Southwest Eunice-San Andres Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 15: NW/4  
Section 16: SE/4

(q) The Gem-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
Section 28: E/2

(r) The Goodwin-Abo Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
Section 36: NE/4

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
Section 6: NW/4

(s) The Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM  
Section 16: S/2

(t) The North Hardy-Strawn Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 30: SW/4

Section 31: NW/4

(u) The High Plains-Permo Upper Pennsylvanian Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM

Section 27: N/2

(v) The House-Drinkard Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 13: SE/4

(w) The Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM

Section 35: All

Section 36: W/2

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM

Section 4: E/2

Section 10: All

(x) The Klein Ranch-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM

Section 27: S/2

Section 28: SE/4

(y) The West Lovington-Strawn Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM

Section 35: SW/4

(z) The West Midway-Upper Pennsylvanian Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 15: E/2



(aa) The Teas-Delaware Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

Section 2: SW/4

Section 3: SE/4

(bb) The North Vacuum-Atoka-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 19: E/2

Section 20: NW/4

(cc) The West Wantz-Abo Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

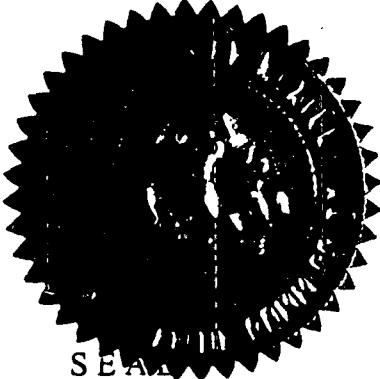
Section 30: N/2 and SW/4

IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, NMSA, 1978, an operator of any well that, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one presently dedicated thereto, shall have 60 days from the effective date of this order to file Form C-102 dedicating a standard unit for the pool to that well or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within that 60-day period shall subject the well to cancellation of allowable.

(2) The effective date of this order and all creations and extensions included herein shall be February 1, 2000.

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



STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Lori Wrotenberg*  
LORI WROTENBERY  
Director



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

October 29, 1999

Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298

Attention: Edwin S. Ryan, Jr.

*Re: Administrative application to establish a non-standard 80-acre spacing and proration unit for wildcat Tubb production comprising the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to the existing Bertha J. Barber Well No.13-Y (API No. 30-025-06027) located at a standard location 1980' FNL & 660' FWL (Unit E) of Section 8.*

Dear Mr. Ryan:

Pursuant to the rules governing the Monument-Tubb Pool [see Division Orders No. R-2800 and R-10128 and Division Rule 104.A], the subject application is unnecessary since 80-acre spacing is standard for the Tubb formation within Section 8.

Your application is hereby withdrawn and is being returned to you at this time.

Should you have any questions or comments concerning this matter, you may either contact me in Santa Fe at (505) 827-8185 or Mr. Paul Kautz in Hobbs at (505) 393-6161. Thank you.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

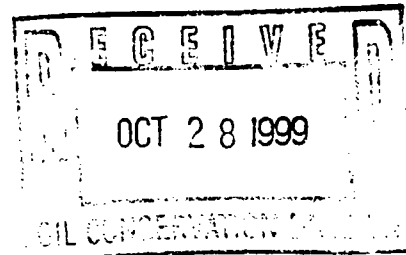
cc: New Mexico Oil Conservation Division - Hobbs  
Kathy Valdes, NMOCD - Santa Fe



## Cross Timbers Oil Company

October 27, 1999

Federal Express



Lori Wrotenbery, Director  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87501

Gentlemen:

Cross Timbers Operating Company hereby requests administrative approval of the following 80 acre non-standard proration unit (see attached Form C-102 plat):

B. J. Barber Well No. 13  
W/2 NW/4 (Unit E) Section 8-20S-37E  
Lea County, New Mexico  
Wildcat Tubb Pool

The non-standard proration unit is required as Cross Timbers' lease is limited to the W/2 NW/4 and SW/4 SW/4 and economics do not warrant the drilling of a new well to the Tubb formation. Cross Timbers plans to recompleate the B. J. Barber #13 well (100% working interest) which is temporarily abandoned in the Abo formation.

Notice of this application has been given to the offset operators as shown on the attached list by certified mail. We look forward to your approval and please feel free to call me at (817) 885-2336 with any questions.

Yours very truly,

Edwin S. Ryan, Jr.

cc: Erich Palko  
Darrin Steed - Midland

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-06027		Pool Code	Pool Name Wildcat Tubb	
Property Code	Bertha J. Barber		Property Name	Well Number 13Y
OGRID No. 00538	Operator Name Cross Timbers Operating Company		Elevation 3552'	

<sup>10</sup> Surface Location

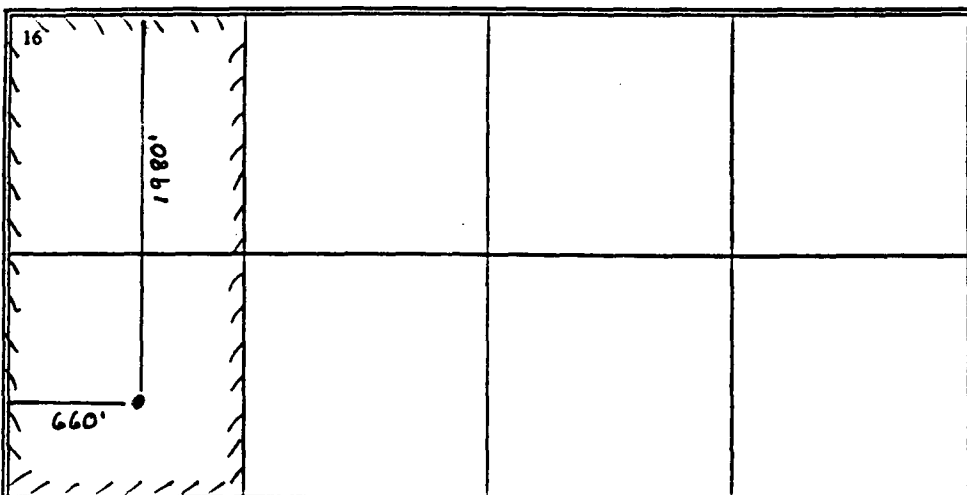
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	20S	37E		1980	North	660	West	Lea

<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 80	<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

					<p><sup>17</sup> OPERATOR CERTIFICATION</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>Signature Darrin L. Steed</p> <p>Printed Name Operations Engineer</p> <p>Title 10/20/99</p> <p>Date</p>	
					<p><sup>18</sup> SURVEYOR CERTIFICATION</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> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>	



## Cross Timbers Oil Company

October 27, 1999

CERTIFIED MAIL

TO: Offset Operators - See Attached

Re: Non-Standard Proration Unit  
B.J. Barber # 13  
W/2NW/4 Section 8-20S-37E  
Lea County, New Mexico

Gentlemen:

Cross Timbers Operating Company filed the attached application for administrative approval of the above Non-Standard Proration Unit with the New Mexico Oil Conservation Division on October 27, 1999. If you object to the application, you must file a written objection with the Oil Conservation Division within twenty (20) days of the date the application was filed.

Should you have any questions please feel free to call me at (817)885-2336.

Yours very truly,

Edwin S. Ryan, Jr.

Offset Operators  
Application for NSPU  
W/2 NW/4 Section 8-20S-37E  
Lea County, New Mexico

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702

Amerada Hess Corporation  
500 Dallas Street  
Houston, Texas 77002

Texaco Exploration & Production Inc.  
P.O. Box 3109  
Midland, Texas 79702

Doyle Hartman  
P.O. Box 10426  
Midland, Texas 79702-7426

Chevron USA Inc.  
P.O. Box 1150  
Midland, Texas 79702

Arch Petroleum Inc.  
Pogo Producing Company  
P.O. Box 10340  
Midland, Texas 79702

Arco Permian  
P.O. Box 1610  
Midland, Texas 79702

Mid-Continent Energy Operating  
100 W. 5th Street, Suite 450  
Tulsa, Oklahoma 74103-4287

John H. Hendrix Corp.  
P.O. Box 3040  
Midland, Texas 79702

COUNTY

Lea

POOL

Monument-Tubb

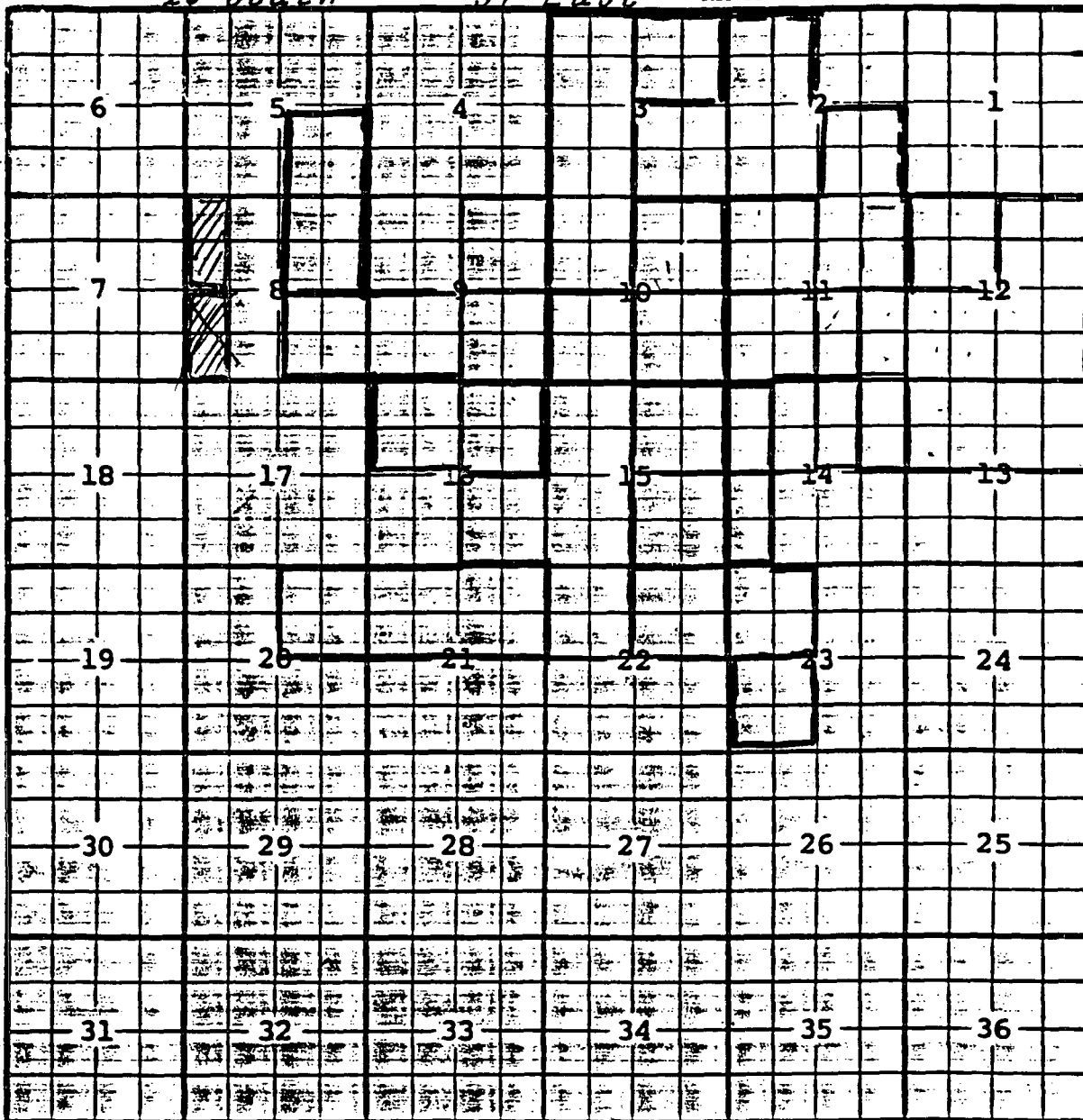
TOWNSHIP

20-South

RANGE

37-East

NMFM



Description  $\frac{SE}{4}$  Sec 16 (R-1532, 12-1-59)

Ext.  $\frac{NW}{4}$  Sec 15 (R-1720, 8-1-60)  $\frac{NW}{4}$  Sec 22 (R-2393, 1-1-63)

$\frac{NE}{4}$  Sec 16 (R-2427, 3-1-63)  $\frac{SW}{4}$  Sec 10 (R-2527, 8-1-63)

$\frac{NE}{4}$  Sec 15,  $\frac{NE}{4}$  Sec 20,  $\frac{NE}{4}$  Sec 21 (R-2602, 12-1-63)  $\frac{W}{4}$  Sec 3,  $\frac{SE}{4}$  Sec 9

$\frac{NW}{4}$   $\frac{SE}{4}$  Sec 10,  $\frac{NE}{4}$  Sec 12 (R-2692, 5-1-64)  $\frac{NE}{4}$  Sec 10,  $\frac{SE}{4}$  Sec 15 (R-2702, 11-1-64)

$\frac{W}{4}$   $\frac{NW}{4}$  Sec 14 (R-2879, 4-1-65)  $\frac{SW}{4}$  Sec 11,  $\frac{W}{4}$   $\frac{SW}{4}$  Sec 14 (R-2923, 7-1-65)

$\frac{NW}{4}$   $\frac{W}{4}$   $\frac{SE}{4}$  Sec 11 (R-2985, 11-1-65)  $\frac{NE}{4}$  Sec 9 (R-3051, 4-1-66)  $\frac{E}{2}$   $\frac{NW}{4}$  Sec 14 (R-3182, 2-1-67)

Ext.  $\frac{E}{2}$   $\frac{SE}{4}$  Sec 11,  $\frac{E}{2}$   $\frac{SW}{4}$  Sec 12,  $\frac{NE}{4}$  Sec 13 (R-4734, 3-1-74)

Ext.  $\frac{NW}{4}$  Sec 12 (R-6211, 12-1-79) Ext.  $\frac{W}{4}$   $\frac{NE}{4}$  Sec 14 (R-7248, 3-30-83)

EXT.  $\frac{SE}{4}$  Sec 8,  $\frac{SW}{4}$  Sec 9 (R-8826, 12-22-88) EXT.  $\frac{NW}{4}$  Sec 23 (R-8946, 7-1-89)

EXT.  $\frac{SW}{4}$  Sec 23 (R-9447, 3-1-91) Ext.  $\frac{E}{2}$   $\frac{NE}{4}$  Sec 14 (R-10177, 8-30-94)

Ext.  $\frac{NE}{4}$  Sec 3 (R-10342, 4-24-95) Ext.  $\frac{SE}{4}$  Sec 2,  $\frac{NE}{4}$  Sec 11,  $\frac{NW}{4}$  Sec 16 (R-10641, 8-19-96)

Ext.  $\frac{W}{4}$  Sec 2,  $\frac{SE}{4}$  Sec 3,  $\frac{SE}{4}$  Sec 5,  $\frac{NE}{4}$  Sec 8 (R-11116, 1-7-99)

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. 3123  
Order No. R-2800

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

*See also Order No.  
R-10128*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 13, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 10th day of November, 1964, 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, Continental Oil Company, seeks the promulgation of special rules and regulations for the Monument-Tubb Pool in Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, including a provision for 80-acre spacing units and a gas-oil ratio of 6000 to 1.

(3) That one well in the Monument-Tubb Pool can efficiently and economically drain and develop 80 acres.

(4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing



for 80-acre spacing units should be promulgated for the Monument-Tubb Pool.

(5) That a limiting gas-oil ratio of 6000 to 1 would be excessive for this pool and might result in waste.

(6) That the special rules and regulations should provide for a limiting gas-oil ratio of 4000 to 1 in order to allow each operator in the pool the opportunity to use his just and equitable share of the reservoir energy.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Monument-Tubb Pool are hereby promulgated as follows, effective December 1, 1964:

SPECIAL RULES AND REGULATIONS  
FOR THE  
MONUMENT-TUBB POOL

RULE 1. Each well completed or recompleted in the Monument-Tubb Pool or in the Tubb formation within one mile thereof, and not nearer to or within the limits of another designated Tubb oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the

non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to any governmental quarter-quarter section or lot line.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 2.77 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 the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

RULE 7. The limiting gas-oil ratio shall be 4000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED:

(1) That any well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of said rule. The operator shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before December 1, 1964.

(2) That each well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof shall receive a 40-acre allowable until a Form C-128

-4-

CASE No. 3123

Order No. R-2800

dedicating 80 acres to the well has been filed with the Commission.

(3) 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



JACK M. CAMPBELL, Chairman



E. S. WALKER, Member



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

S E A L

esr/

STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 10984  
Order No. R-10128

APPLICATION OF TEXACO EXPLORATION  
& PRODUCTION INC. FOR AMENDMENT OF  
SPECIAL POOL RULES AND REGULATIONS  
FOR THE MONUMENT-TUBB POOL, LEA  
COUNTY, NEW MEXICO.

*See Also Order  
No. R-2800*

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on May 26, 1994, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 3rd day of June, 1994, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) By Order No. R-1532, issued in Case No. 1809 on November 23, 1959, the Division created and defined the Monument-Tubb Pool, Lea County, New Mexico.
- (3) The Monument-Tubb Pool currently comprises the following described area:

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
Section 34: S/2

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 3: W/2  
Section 8: SE/4  
Section 9: SW/4, E/2  
Section 10: All  
Section 11: NW/4, S/2  
Section 12: All  
Section 13: N/2

Section 14: NW/4, W/2 NE/4, W/2 SW/4  
Section 15: All  
Section 16: E/2  
Section 20: NE/4  
Section 21: N/2  
Section 22: N/2  
Section 23: W/2

(4) The Monument-Tubb Pool is currently governed by Special Rules and Regulations as promulgated by Division Order No. R-2800 on November 10, 1964, which require standard 80-acre oil spacing and proration units, designated well locations, and a limiting gas-oil ratio of 4,000 cubic feet of gas per barrel of oil.

(5) The applicant, Texaco Exploration & Production Inc., seeks to amend Rule No. (7) of the Special Rules and Regulations for the Monument-Tubb Pool, to increase the limiting gas-oil ratio to 10,000 cubic feet of gas per barrel of oil.

(6) According to the Division's Monthly Statistical Report for December, 1993, there are currently thirty-nine wells within the Monument-Tubb Pool operated by eight operators. The applicant currently operates eleven wells within the pool.

(7) The applicant presented engineering evidence and testimony which indicates that of the thirty-five wells currently producing within the pool:

12 produce at a GOR in excess of 20,000:1  
10 produce at a GOR between 10,000 and 20,000:1  
11 produce at a GOR between 4,000 and 10,000:1  
2 produce at a GOR of less than 4,000:1

(8) Further engineering evidence indicates that over the past several years, the Monument-Tubb Pool has produced, poolwide, at a gas-oil ratio in excess of 10,000 cubic feet of gas per barrel of oil.

(9) Applicant's geologic evidence and testimony demonstrated that there is no correlation between a given well's producing gas-oil ratio and its location structurally within the reservoir.

(10) There is no geologic or engineering evidence which would indicate the presence of a gas cap within the reservoir.

(11) The Monument-Tubb Pool appears to be a solution gas drive reservoir in its final stages of primary depletion.

(12) No operator in the pool or offset operator appeared at the hearing in opposition to the application.

(13) The evidence presented indicates that approval of the proposed gas-oil ratio limitation should not result in the excessive dissipation of reservoir energy, should not result in the reduced recovery of oil from the subject reservoir, thereby causing waste, and will not violate correlative rights.

(14) The proposed gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil for the Monument-Tubb Pool should be established on a permanent basis.

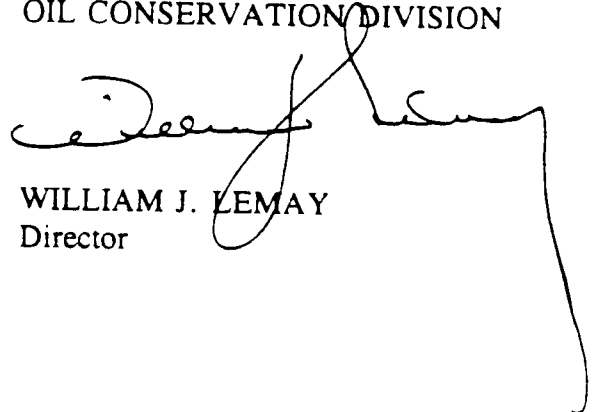
**IT IS THEREFORE ORDERED THAT:**

(1) Rule No. (7) of the Special Rules and Regulations for the Monument-Tubb Pool, Lea County, New Mexico, as promulgated by Division Order No. R-2800, is hereby amended by increasing the limiting gas-oil ratio for the subject pool to 10,000 cubic feet of gas per barrel of oil.

(2) Jurisdiction of this cause is hereby 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 hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

10/29/99 09:53:23  
OGOMES -TPYA

API Well No : 30 25 6027 Eff Date : 01-01-1900 WC Status : A  
Pool Idn : 47080 MONUMENT;PADDOCK  
OGRID Idn : 5380 CROSS TIMBERS OPER CO  
Prop Idn : 3341 BERTHA J BARBER

Well No : 013Y  
GL Elevation: 3552

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
--	-----	-----	----------	-------	-------------	-----------	----------------

B.H. Locn	:	E	8	20S	37E	FTG 1980 F N FTG 660 F W	P
-----------	---	---	---	-----	-----	--------------------------	---

Lot Identifier:

Dedicated Acre: 40.00

Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

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

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION10/29/99 09:52:02  
OGOMES -TPYF  
PAGE NO: 1

Sec : 08 Twp : 20S Rng : 37E Section Type : NORMAL

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

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12



CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION10/29/99 09:52:11  
OGOMES -TPYF  
PAGE NO: 2

Sec : 08 Twp : 20S Rng : 37E Section Type : NORMAL

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

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

**KELLAHIN AND KELLAHIN**

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

W. THOMAS KELLAHIN\*

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RECOGNIZED SPECIALIST IN THE AREA OF  
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October 31, 2000

**HAND DELIVERED**

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87504  
Attn: Mr. Michael E. Stogner

Re: **NOTICE OF OBJECTION:**  
*Chevron USA Production Company*  
*G. C. Matthews Well No. 12*  
*330' FSL & 990' FEL*  
*Unit P, Section 6, T20S, R37E, NMPM,*  
*Administrative Application to NMOCD*  
*for Approval of Unorthodox Gas Well*  
*Location, Lea County, New Mexico*

OIL CONSERVATION DIV.  
00 OCT 31 AM 1:14

Dear Mr. Stogner:

By letter dated October 11, 2000, Chevron USA Production Company ("Chevron") filed the referenced administrative application with the Division and sent notification to Falcon Creek Resources, Inc. ("now Sapient Energy Corp.") as the offsetting operator of the Bertha J. Barber Well No. 12 (Unit A of Section 7, T20S, R37E) towards whom the Chevron well will encroach.

On August 21, 1999, Cross Timber recompleted this oil well as a producing gas well in the Tubb gas formation and by Order R-11304, the Division approved it as the discovery well for the West Monument-Tobb Gas Pool (Case 12321). April 1, 2000, Falcon Creek Resources, Inc. acquired the Bertha J. Barber Well No. 12 from Cross Timber Operating Company ("Cross Timber"). On July 14, 2000, Sapient Energy Corp. ("Sapient") acquired this well from Falcon Creek.

Sapient hereby objects to Chevron's application because Chevron appears to have other oil wells at standard gas well locations in the SE/4 of Section 6 which could be used for Tubb gas production instead of the subject well.

October 31, 2000

-Page 2-

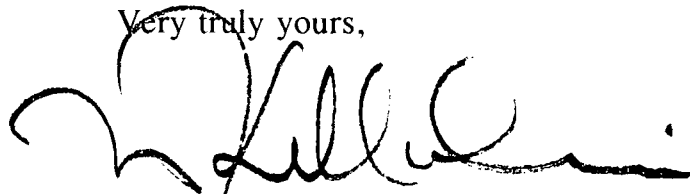
In reviewing this matter for Sapient, I find in the OCD-Santa Fe's well file for the Bertha J. Barber Well No. 12 the following:

- (a) Cross Timber's C-105 dated September 9, 1999, being a Tubb gas well recompletion report;
- (b) Cross Timber's C-102 dated September 9, 1999, showing an unorthodox Tubb gas well location and the dedication of a non-standard 160-acre spacing unit consisting of the E/2E/2 of Section 7;
- (c) On September 20, 1999, the Division (OCD-Hobbs) approved Cross Timber's C-103 to recomplete this oil well at an unorthodox gas well location in the Tubb formation with a 160-acre non-standard acreage dedication consisting of the E/2E/2 of Section 7;
- (d) On April 14, 2000, the OCD-Hobbs approved Falcon Creek's C-104 (allowable request) which shows this well to be in the West Monument Tubb Gas Pool.

While I did not find an approved C-104 for Cross Timber to produce the well, I do find an approved C-104 for Falcon Creek. It is my understanding that before the OCD-Hobbs will approve a C-104 and allow a well to be produced, the well's location and spacing unit must either comply with Division rules or be granted an order authorizing exception from those rules. However, I have yet to find those orders in the OCD-Santa Fe's well files.

I am sending a copy of this letter to Mr. William F. Carr, Esq., local attorney for Chevron, and recommend that before this objection is set for hearing that you, he and I meet to discuss how to proceed with this matter.

Very truly yours,



W. Thomas Kellahin

cc: *Sapient Energy Corp*  
Attn: Chuck Perrin  
*Chevron USA Production Company*  
Attn: Lloyd V. Truatman  
*William F. Carr, Esq.*  
attorney for Chevron USA  
*OCD-Hobbs*  
Attn: Chris Williams



**Chevron**

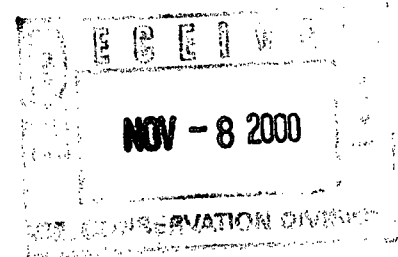
November 7, 2000

**Chevron U.S.A. Production Company**

P.O. Box 1150

Midland, TX 79702

Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico



State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn.: Mr. Michael Stogner  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

This letter is in response to your letter dated October 26, 2000, (copy attached) concerning why well #12 was chosen for the Tubb recompletion.

Here is a recap of the process used to determine the proper well to recomplete into the Tubb formation in section 6. While reviewing Chevron's G. C. Matthews lease for production improvements or cost reduction ideas, we noticed the activity in Section 5 and 7 of T20S, R37E in the Tubb. At this time we decided to recomplete the #6 well. It is located 990' FEL and 1650' FSL of Section 6. Permits were obtained and the work was completed July 14, 2000 and the Tubb zone was tight. Proper treatment was not possible as we screened out on a fracture treatment and could not pump an acid stimulation at the desired rate. Production testing resulted in no fluid entry.

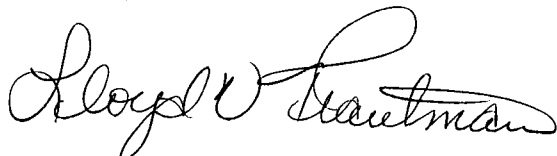
At this time we reviewed the rest of the wells in the SE/4; well bore schematics of the wells are attached for you to look at. Following is a well by well discussion of this review. Wells #3, 4, 8, and 11 are P&A'd, therefore not considered as a candidate well. Well # 5 has a 4 1/2" liner across the Tubb, but is another nonstandard location, 2310' FSL and 2310' FEL. Well #2 has a 4 1/2" liner cemented in and would have to be deepened about 2600'. This small size liner would cause longer time to drill, more costs and would limit the completion tool selection and production that could be obtained from the well. Therefore, wells #2 and 5 were not considered as preferred candidates. Well #10 has 7" casing and would have to be deepened about 800', and is at a non-

standard location at 1650' FSL and 2310' FEL. Well #7 has 5 1/2" casing and is a non-standard location at 990' FSL and 330' FEL. Well #9 has 5 1/2" casing at 5250' and is at a standard location, 660' FSL and 1650' FEL. Well #1 has 7" casing at 3714' and would have to be deepened about 2600' and is a standard location at 660' FSL and 1980' FEL. Well #12 has 7" casing at 5700' and would have to be deepened about 800' and is at a non-standard location.

Summarizing the details above, the P&A'd wells and the wells with 4 1/2" casing or liners were not considered to be viable candidates, so wells #3, 4, 8, 11, 5, and 2 were put aside. Of the wells with 5 1/2" and 7" casing, the 7" casing is the preferred size as it allows us to run 4 1/2" casing as opposed to 3 1/2" casing. The increased casing size allows us to run more conventional tools in the well for completion. The cost to drill a 4 1/2" hole as compared to a 6 1/8" hole would be increased as we estimate an additional 4-5 days to drill to TD with the smaller hole. This makes wells #1, 10, and 12 the most desirable candidates. Of these three, well #12 was decided upon. Well #10 was in a nonfavorable location based upon the results of well #6, and #1 required an additional 1800' of hole to be drilled, which was estimated to take an additional 4-5 days and cost an additional \$30,000 - \$40,000. Well #12 also allows Chevron to protect the reserves on our lease from being drained by a well 330' from the lease line in a non-standard 160 acre standup proration unit.

Attachments include: wellbore schematics of Chevron's wells, copy of OCD letter to Chevron dated October 26, 2000, Tubb structure map, and a map of the G. C. Matthews lease. If you have any questions or require any further information concerning this information, please contact me at (915) 687-7152.

Sincerely,



Lloyd V. Trautman  
Sr. Petroleum Engineer  
New Mexico Area

lvt  
Attachments

cc: NMOCD -- Hobbs, NM  
J. K. Ripley  
T. R. Denny  
L. V. Trautman  
R. M. Vaden  
Central Files

## WELL DATA SHEET

FIELD: Eunice-Monument

WELL NAME: G. C. Matthews #1

FORMATION: Grayburg/San Andres

LOC: 660' FSL & 1980' FEL, Unit O  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL:  
KB to GL:  
DF to GL:

CURRENT STATUS: SI  
API NO: 30-025-05942  
REFNO: FA7064

Date Completed: 5/36

Initial Production: 108 bopd, 4900 mcfpd

Completion Data:

Subsequent Operations:

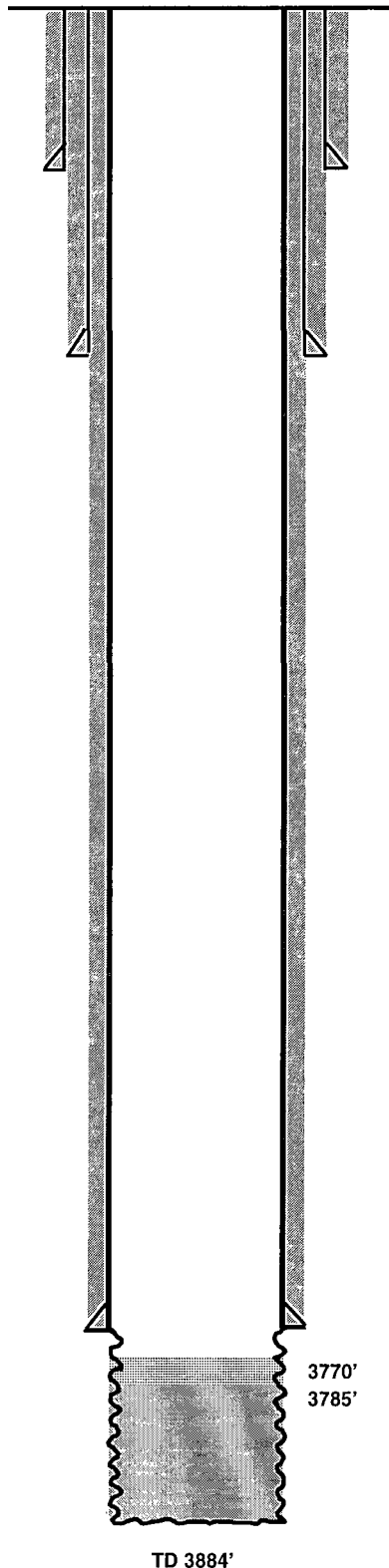
5/56 -- PB to 3785' w/Calseal. PB to 3770' w/hydromite (Grayburg). 73 bopd, 76 bwpd.

3/94 -- SI

13" Csg  
Set @ 223' w/250 sx cmt.  
Circ?

9 5/8" Csg  
Set @ 2317' w/600 sx cmt.  
Circ?

7" Csg  
Set @ 3714' w/145 sx  
TOC ?



Well Name: G. C. Mathews #2Field: EumontLocation: 1980' FSL & 1980' FELSec: 6Formation: EumontTownship: 20SCounty: LeaAPI #: 30-025-12721Range: 37EState: NMChevno: FG7195GE: 3576 KDB to GE: \_\_\_\_\_ DF to GE: \_\_\_\_\_

Spud Date: \_\_\_\_\_

Completion Date: Jun-36Initial Formation: Grayburg

Interval Completed: From: \_\_\_\_\_ To: \_\_\_\_\_

Initial Production: BOPD: 280

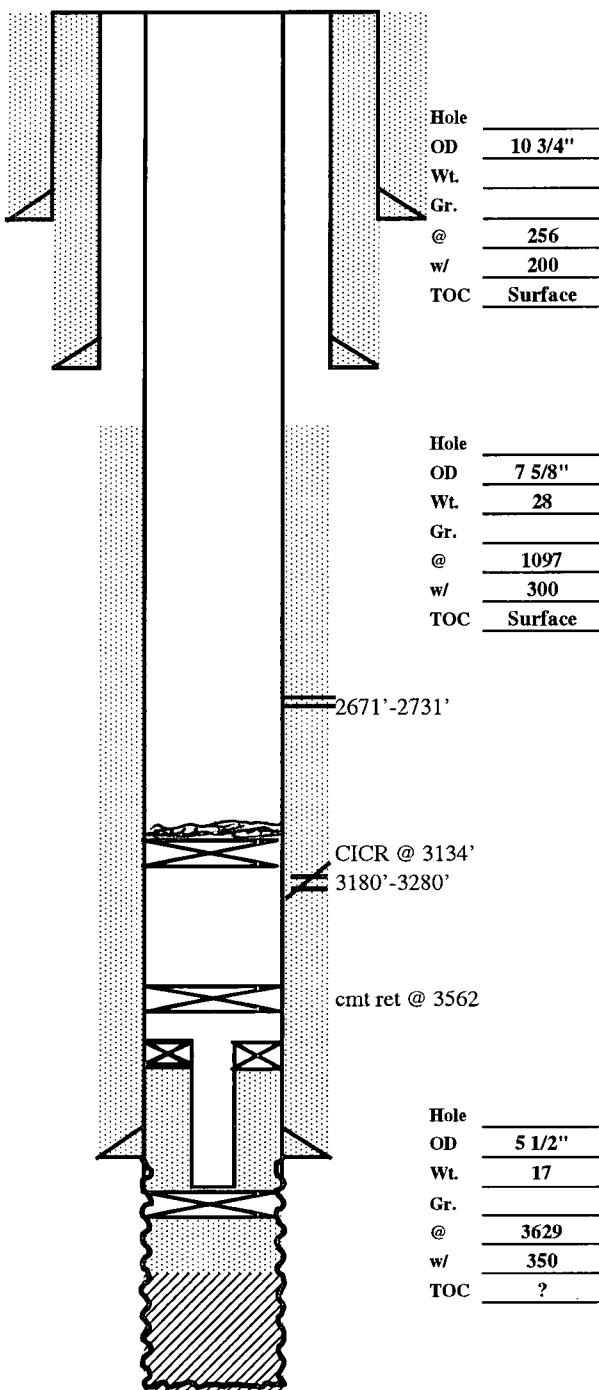
MCFPD: \_\_\_\_\_

BWPD: \_\_\_\_\_

Completion Data:

Acid w/ 7600 gals

Subsequent Workovers/Reconditionings/Repairs:

1/56 PB to 3825' w/ hydromite.2/56 Set cmt retainer @ 3774'. Sqz w/ 145 sx cmt below retainer and spot 37 sx cmt on top of retainerClean out to 3770'. Underream hole to 7" from3630'-3742'. Run 4 1/2" liner. Top @ 3570'. Set @3770'. Cmt w/ 80 sx cmt. Perf 3736'-40'. Acid w/250 gals 15% HCl. Perf 3710'-27'. Set cmt ret @3562'. Sqz w/ 250 sx cmt. Perf Eumont (Penrose)3180'-3280'. Acid w/ 500 gal mud acid.4/91 Acid w/ 300 gals 15% NEFE.10/5/1998 Set CICR @ 3134'. Sqz w/ 300 sx cmt.Cap CICR w/ 35' cmt. Perf 2671'-2731'. Acid w/45 bbls 15% NEFETD = 3885

Additional Remarks or Information:

# WELL DATA SHEET

**FIELD: Eunice-Monument**

**WELL NAME: G. C. Matthews #3**

**FORMATION:**

**LOC: 660' FSL & 660' FEL, Unit P**  
**TOWNSHIP: 20S**  
**RANGE: 37E**

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3567'  
KB to GL: 6.5'  
DF to GL:

CURRENT STATUS: P&A  
API NO: 30-025-05944  
REFNO: FA7066

**Date Completed: 9/15/36**

**Initial Production: 148 bopd, 1126 mcfpd**

Completion Data:

8/36 -- Acdz w/2000 gals 50-50.

9/36 -- Acdz w/3000 gals 14%.

### Subsequent Operations:

8/40 -- Acdz w/500 gals 15%.

10/40 -- Acdz w/1000 gals 15%.

6/53 -- Unable to retrieve fish in hole (Otis blind choke).

Dumped pea gravel @ 3871'-28', Hydromite @ 3828'-26',  
pea gravel @ 3826'-25'.

12/54 -- Set cmt retainer @ 3739' w/125 sx. Perf 3700'-38'  
w/4 1/2" JHPF. Acdz w/500 gals 15% NE.

4/55 -- Plug from 3723'-39' w/24 gals Hydromite.

3/77 -- Set BP @ 3680', cap w/4 sx cmt. Set cmt plug over top of salt f/1030'-1130 w/21 sx; cmt plug f/50' to surface w/6 sx.

7/79 -- Drill out surface and cmt plug. Perf 3381'-3383', 3435'-3437', 3498'-3500', 3532'-3534', & 3594'-3596' w/2 1/2' JHPF. Acdz w/4000 gals 15%.

12/79 -- Set CIBP @ 3350', cap w/6 sx cmt. Set cmt plug f/1050'-1150', and plug f/90' to surface. Well P&A'd.

10 3/4", 32# Csg  
Set @ 216' w/200 sx cmt.  
Circ?

7 5/8", 22# Csg  
Set @ 2345' w/450 sx cmt.  
Circ?

**CIBP @ 3350'**

**3381'**

**3596'**

**CIBP @ 3680'**

5 1/2", 17# Csg  
Set @ 3744' w/200 sx cmt.  
Circ?

Hydromite & pea gravel  
3825'-3871'

## Fish in hole

TD 3891'



# WELL DATA SHEET

**FIELD:** Eunice Monument

**WELL NAME:** G. C. Matthews #4

**FORMATION:** Grayburg

**LOC:** 1980' FSL & 660' FEL  
**TOWNSHIP:** 20-S  
**RANGE:** 37-E

**SEC:** 6, Unit I  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3567'  
**KB to GL:** 6'

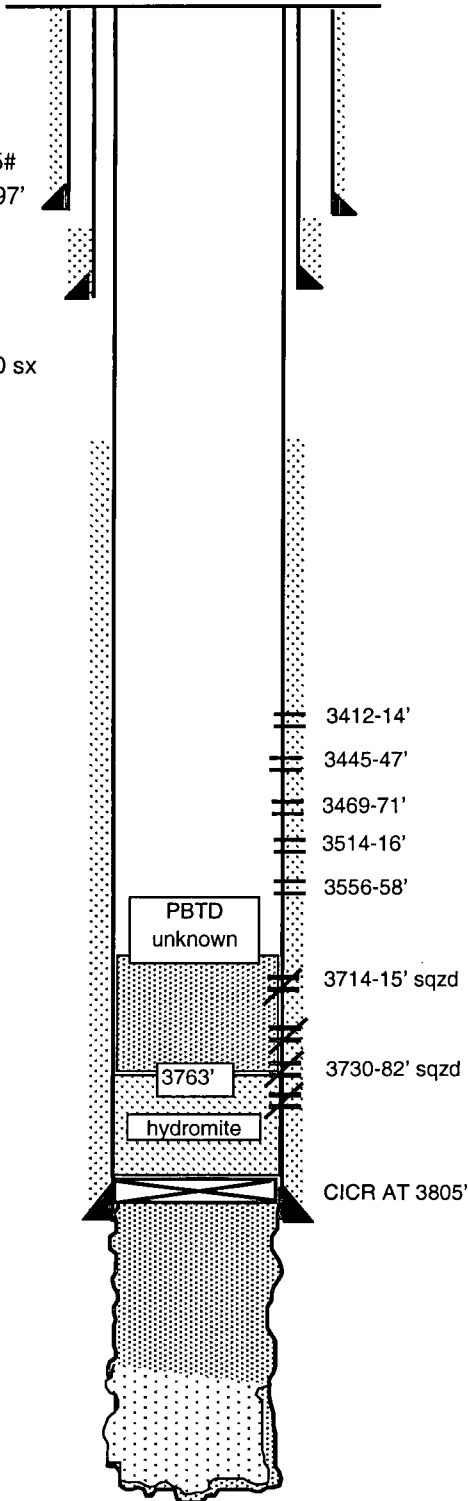
**CURRENT STATUS:** TA'd  
**API NO:** 30-025-05945  
**CHEVNO:** FA7067

<b>Date Completed:</b>	#####
<b>Initial Production:</b>	715 bopd, 1578 mcf/d
<b>Initial Formation:</b>	Grayburg
<b>FROM:</b>	3815' TO: 3897'

10 3/4" OD, 32.75#  
 Sur. pipe set at 297'  
 w/ 200 sxs cmt.

7 5/8", 36# csg  
 set at 2342' w 400 sx

5 1/2" OD 17#  
 set at 3815'  
 cmt w/ 200 sx



## Well History

**5/52** PB w/ hydromite to 3858', Install gas lift. IP 65 BO, 29 BW

**3/57** Ran CICR set at 3805 Sqz OH w/ 213 sx. Perf 3730-82' w 4 JSPF. Acdz w/ 250 gal. Well flowed. PB to 3763' with Hydromite & Calseal. Treat 3730-63' w/ 7476 gal lease crude w/ 1 ppg sd. PB to 3720' w/ hydromite. Perf 3714-15' w/ 8 JSPF. Set CICR at 3690'. DO to 3720'. Csg would not test. Set CICR at 3685'. Pump 500 gal Cealment. DO cmt to 3720'. test perfs at 3715 to 500 psi, ok. DO hydromite and sand to 3763'. Swab well, kicked off. [Assume that perfs 3730-63' open because of being covered w/ sand and hydromite was used as a cap on the sand.]

**5/58** Sqz perfs 3730-63 w/ 87 sx cmt. TA'd

**4/60** P&A w/ Aquagel mud. Spot 10 sx cmt at top of 5 1/2" csg. Set marker.

**7/69** Re-enter. CO to 3675'. Spot 15% Acid. Perf 3412-14', 3445-47', 3469-71', 3514-16', 3556-58', w/ 2 JSPF. Acdz w/ 3000 gal 15% ND Acid. IP 1 BO ? Gas

**8/79** Note in file that well has been TA'd. No details given.

## FORMATION TOPS:

Rustler 1080  
 T/ Salt 1120  
 B/ Salt 2270  
 Yates 2380  
 Queen 3036  
 Grayburg 3680

**TD 3897'**

Chevron



# WELL DATA SHEET

FIELD: Monument

WELL NAME: G. C. Matthews # 5

FORMATION: Abo

LOC: 2310' FSL & 2310' FEL  
TOWNSHIP: 20-S  
RANGE: 37-E

SEC: 6, Unit I  
COUNTY: Lea  
STATE: NM

GL: 3559'  
KB to GL: 10.4'

CURRENT STATUS: SI  
API NO: 30-025-05946  
CHEVNO: FA7068

Date Completed: 06/22/1951  
Initial Production: 960 BO, 0 BW, 570 MCF  
Initial Formation: Paddock/Blinebry  
FROM: 5650' TO: 5700'

13 3/8" OD, 48#, H-4C  
Sur. pipe set at 326'  
w/ 325 sxs cmt.  
Circ. to surf.

9 5/8", 36# csg, 8rd, J-55  
set at 2650' w 1500 sx  
TOC at 950' by TS

7" OD 23#, 8 rd, J-55  
set at 5779'  
cmt w/ 650 sx  
TOC at 2660' by TS

4 1/2" OD 11.6#, K-55  
Liner set at 7398'  
w/ 250 sx. TOL at 5333'

Grayburg  
Squeezed  
3386'-88'  
Squeezed  
3437'-3612'

Paddock  
Squeezed  
5139'-5208'

TOL 5333'

Blinebry, Squeezed  
5576'-5602'  
Squeezed  
5650'-5700'

Existing  
6862'- 6986'

7045'  
through  
7252'

TD 7400'

PBTD 7367'

## Well History

5/51 Spud, Paddock/Blinebry Test, TD 5780', PBTD 5745'

3/56 Installed Pumping Unit, 103 BO, 157 BW

11/60 TA'd well

6/61 Test Blinebry. Set CI @ 5640', Squeezed perms 5650' to 5700' in 7" CSG. Perf 4 SPF 5576' - 78', 5584'-86', 5600'-02'. Treated w/ 750 gal 15% NEA, using 15 7/8" RCNB. PBTD 5736'. Prod. 182 BO, 0 BW, 108 MCF.

4/67 Acdz w/ 1000 gal 28% NEA. Before 22 BO, After 33 BO.

8/67 Installed Pumping Equipment.

5/68 Acdz. 5000 gal 15%. No change in prod.

5/69 Test Grayburg. Set BP on WL @ 5500'. Dumped 2 sxs CMT. Perf. 3610'-12', 3546'-48', 3506'-3508', 3466'-68' & 3437'-39'. Acdz w/ 4000 gal 15% NE acid, 4 bpm, Pmax 3600 psi.

6/72 Dual Grayburg with Paddock. Perf 7" CSG w/ 2, 1/2" JHPF @ 5139'-43', 5172'-76', 5186', 92', and 5204'-08'. Acdz w/ 3000 gal 15% NE acid. Acdz perms again w/ 3500 gal 15% NE acid. Ran long string w/ RKR @ 5050', end of TBG @ 5116'. Short String @ 3403'.

6/75 TA'd Paddock.

8/76 Pulled both strings & TA Paddock w/ BP @ 5050'. TA Grayburg w/ RBP @ 3412'. Perf 7" CSG w/ 4, 1/2" JHPF @ 3386'-88'. Acdz w/ 1000 gal 15% NE acid. Put on prod.

10/77 Squeeze Paddock, 5139'-5208' w/ 150 sxs CI "C". Squeeze Graybury, 3326'-3612' w/ 300 sxs CI "C". C/O to 5780' & squeeze Blinebry, 5576'-5602' w/ 400 sxs CI "C". Deepen with 6 1/4" bit to 7400'. Set 4 1/2" liner with top at 5333', bottom at 7398'. Perf Abo at 7045'-47', 7079'-81', 7119'-21', 7149'-51', 7196'-98', 7216'-18', 7250'-52'. Acdz w/ 12,000 gal 15% HCl at 15 BPM. ISIP 4450 psi. 15 MIN SI 4000 psi. IPP = 8 BOPD, 9 BWPD.

10/87 Perf 7159', 55', 46', 44', 40', 38', 34', 32', 09', 7072', 71', 70', 62', 60' with 1 SPF. Acdz with 5500 gals 20% HCl. (appears all pay was acidized) Run Rods & Pump. Off Report - 9 BO, 9 BW, 17 MCF.

3/88 Acid Frac 7045'-7252' with 30,000 gals XL Gel, 15,000 gals 20% Gelled NEFe, 3750 gals 20% Slick NEFe, 12,000 gals non-XL Gelled 8.6 lb BW and 288,000 scf N2. Rate of 12 bpm, 4540 psi Pmax. Run Pump Eq. Before - 2 BO, 1 BW, 19 MCF. After - 1 BO, 4 BW, 99 MCF.

2/90 Production less than 1 BOPD, 0 BWPD. Moved 228 Lufkin pumping unit. SI.

# WELL DATA SHEET

**FIELD:** Monument

**WELL NAME:** G. C. Matthews #6

**FORMATION:** Tubb

**LOC:** 1650' FSL & 990' FEL

**SEC:** 6

**GL:** 3570'

**CURRENT STATUS:** SI

**TOWNSHIP:** 26S

**COUNTY:** Lea

**KB:**

**API NO:** 30-025-05947

**RANGE:** 37E

**STATE:** NM

**DF:**

**REFNO:** FA7069

**Date Completed:**

Nov-51

**Initial Formation:**

Blinebry

14" csg set at 310'  
Cmtd w/ 300 sx.  
Cmt circ to surface.

9 5/8" 36# J-55 csg set at 2631'  
Cmtd w/ 1408 sx.  
Cmt circ to surface.

Grayburg

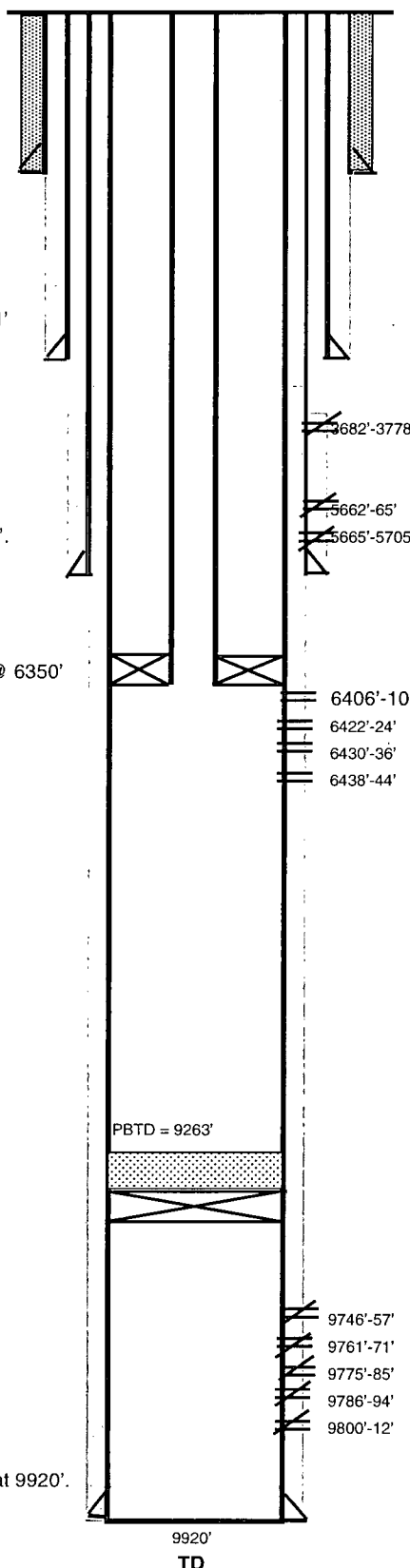
Blinebry  
7" 20&23# J55 csg set at 5733'.  
Cmtd w/ 650 sx.  
TOC @ 2820'

Arrow set 1-X pkr @ 6350'

Tubb

Ellenberger

4 1/2" 9.5&11.6# J-55 csg set at 9920'.  
Cemtd w/ 515 sx.  
TSITOC @ 2730'.



**Completion Data:** Perf 5665'-5705' w/ 4 spf. Acid w/ 1000 gals 15% NEA. IP 2040 BOPD 0 BWPD.

**Subsequent Operations:**

1956- PB to 5685'. Acid w/ 1000 gal 15% NEA.

Aug 1956- Sqz perfs 5662'-5674'. Perf Grayburg 3705'-3778'. Acid w/ 1000 gals.

June 1959- Sqz 3725'-78'. Perf 3682'-84' and 3700'-02'. Acid w/ 3000 gals 15% HCl.

July 1961- Deepened to 9920'. Ran and cmtd 4 1/2" csg to TD. Perfed 9746'-57', 9761'-71', 9775'-85', 9788'-94', and 9800'-12'. IP'd 1.85mmcfpd, FTP 2485 psi.

Feb 1995- TA'd well. Set CICR @ 9641'. Cap w/ 25 sx. PBTD 9263'.

July 2000- Perf Tubb 6406'-10', 6422'-24', 6430'-36', and 6438'-44'. Acdz w/2000 15% anti-sludge. Frac w/15,000 gals Spectra & 11,500# 16/30 sd. Screened out early; 6800# sd in formation & 2000# sd in tbg. C/O sd to 6650. Acdz 6406'-6444' w/2500 gals 15% anti-sludge, dropping 60 - 1.3 sg ball sealers.

## WELL DATA SHEET

FIELD: Monument Paddock

WELL NAME: G. C. Matthews #7

FORMATION: Paddock

LOC: 990' FSL & 330' FEL, Unit P  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3558'  
KB to GL:  
DF to GL:

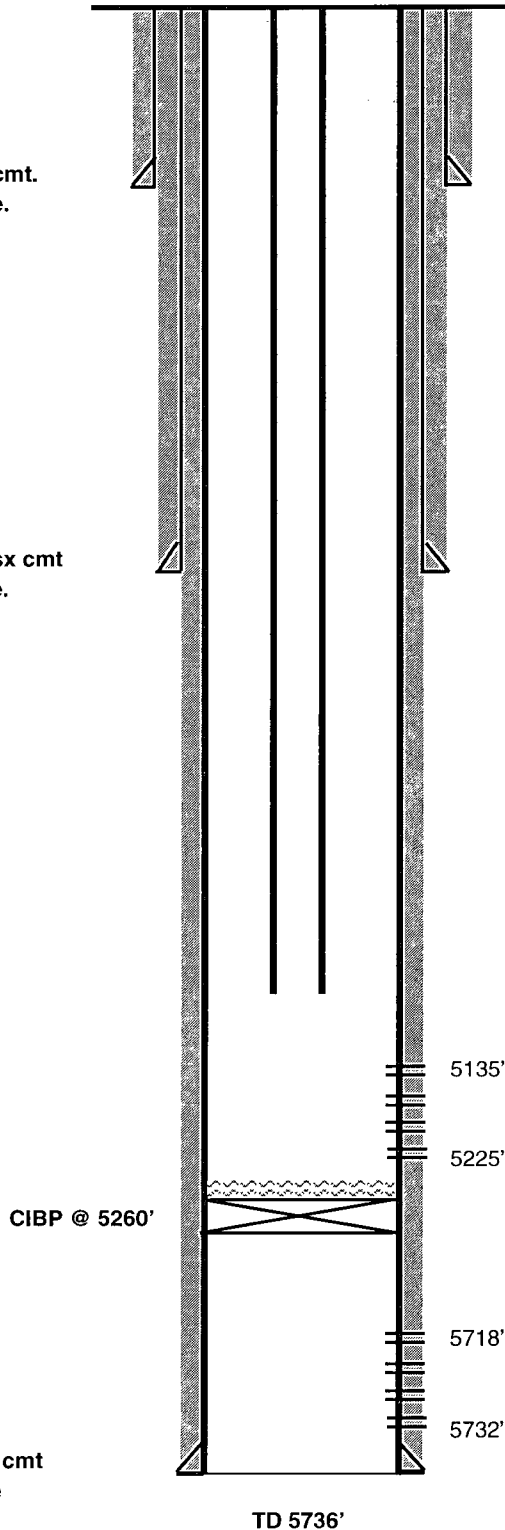
CURRENT STATUS:  
API NO: 30-025-05948  
REFNO: FA7070

Date Completed: 5/10/53  
Initial Formation: Blinebry  
Initial Production: 292 bopd, 439 mcfpd, 0 bwpd

12 3/4" Csg  
Set @ 291 w/350 sx cmt.  
Circulated to surface.

8 5/8", 32#, J-55 Csg  
Set @ 2522' w/3750 sx cmt  
Circulated to surface.

5 1/2", 14#, J-55 Csg  
Set @ 5735 w/795 sx cmt  
Circulated to surface



Completion Data:  
Perf 5718'-32' w/4 hpf.

Subsequent Operations:  
2/54 -- Acdz Blinebry w/200 gals 15% HCL. 3 bopd, 298 bwpd.  
3/54 -- Plug Blinebry. Set CIBP @ 5260', cap w/1 sk cmt. Perf Paddock 5135'-5225' w/4 hpf. Flowed 366 bopd, 204 mcfpd.

10/68 -- Install rod pump equip. 123 bopd, 69 bwpd.

# WELL DATA SHEET

**FIELD:** Monument

**WELL NAME:** G. C. Matthews #8

**FORMATION:** Blinebry

**LOC:** 990' FSL & 1650' FEL, Unit O  
**TOWNSHIP:** 20S  
**RANGE:** 37E

**SEC:** 6  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3561'  
**KB to GL:** 13.7

**CURRENT STATUS:** SI  
**API NO:** 30-025-05949  
**REFNO:** FA7071

13 3/8", 48#, H-40 csg  
 Set @ 460' w/525 sx cmt.  
 Circulated to surface.

8 5/8", 28#, H-40 Csg  
 Set @ 2649' w/630 sx cmt.  
 Circulated to surface.

7 7/8", 23#, J-55 Csg  
 Set @ 3988' w/230 sx cmt.  
 TOC @ 300' by TS

5 1/2", 15.5#, J-55 Liner  
 Set @ 5719' w/71 sx cmt.  
 TOC @ 3763'

TOL @ 3887'

CIBP @ 5600'

CIBP @ 5625'

TD 5720'

**Date Completed:** 7/53

**Initial Production:** 340 bopd, 649 mcfpd

**Completion Data:**

Perf liner @ 5645'-5710' w/4, 1/2" JHPF. Acdz w/1000 gals 15% NE.

**Subsequent Operations:**

12/60 -- Install ppg equip.

10/64 -- Acdz w/500 gals 15% down csg. Perfs sealed off and acid stayed in well bore.

11/64 -- Acdz w/3000 gals 15%.

9/67 -- Ran CIBP & set @ 5625'. Dmp 10' cmt on top. Perf liner @ 5553'-55', 5568'-70', 5588'-90' w/2 1/2" JHPF. Spot w/500 15% NE acid. Acadz w/2000 gals 15%.

5/75 -- P&A well. Set CIBP @ 5600' w/40' cmt on top. Set plug f/3931'-3823' w/16 sx cmt. Set plug f/1134'-1026' w/20 sx cmt. Set plug f/54' to surface w/10 sx.

11/06/00

o:\cpdn\west basin\nm\_primary\hobbs\_mo\monument\projects\matthews\engineering\#8\gcmatthews#8wbs.xls

# WELL DATA SHEET

**FIELD:** Monument

**WELL NAME:** G. C. Matthews #9

**FORMATION:** Paddock

**LOC:** 660' FSL & 1650' FEL, Unit O  
**TOWNSHIP:** 20S  
**RANGE:** 37E

**SEC:** 6  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3559'  
**KB to GL:**  
**DF to GL:**

**CURRENT STATUS:** SI  
**API NO:** 30-025-05950  
**REFNO:** FA7072

**Date Completed:** 7/54  
**Initial Formation:** Paddock  
**Initial Production:** 264 bopd, 128 mcfpd

13 3/8", 48#, S-80 csg  
 Set @ 295' w/325 sx cmt.  
 Circulated to surface.

9 5/8", 36#, J-55 Csg  
 Set @ 2340' w/1015 sx cmt.  
 Circulated to surface

TOL @ 3249'

7 7/8", 26.4#, N-80/J-55 Csg  
 Set @ 3498' w/170 sx cmt.  
 TOC @ 35' by TS

5 1/2", 15.5#, J-55 Liner  
 Set @ 5249' w/200 sx cmt.  
 TOC @ 3429

**TD 5250'**

Completion Data:

Perf 5155'-5246'. Acdz w/1000 gals MCA (7.5%). Perf 5145'-5155' Acdz w/1000 gals 15% NEA.

Subsequent Operations:

6/55 -- Plugback to 5228' w/hydromite. Acdz w/2000 gals 15% NEA.

1/66 -- Clean out to 5238'. Acdz w/1000 gals 15% NEA.

6/69 -- Acdz w/1000 gals 15% NEA.

2/76 -- Swedged out 7 5/8" csg @ 15'.

6/94 -- SI.

Rustler	1020'	Penrose	3200'
Base Salt	2150'	Grayburg	3413'
Yates	2365'	San Andres	3780'
7 Rvrs	2636'	Glorieta	5078'
Queen	3097'		

Well Name: G. C. Mathews #10Field: Monument PaddockLocation: 1650' FSL & 2310' FELSec: 6Formation: PaddockTownship: 20SCounty: LeaAPI #: 30-025-05951Range: 37EState: NMChevno: FA7073GE: 3569 KDB to GE: \_\_\_\_\_ DF to GE: \_\_\_\_\_

Spud Date: \_\_\_\_\_

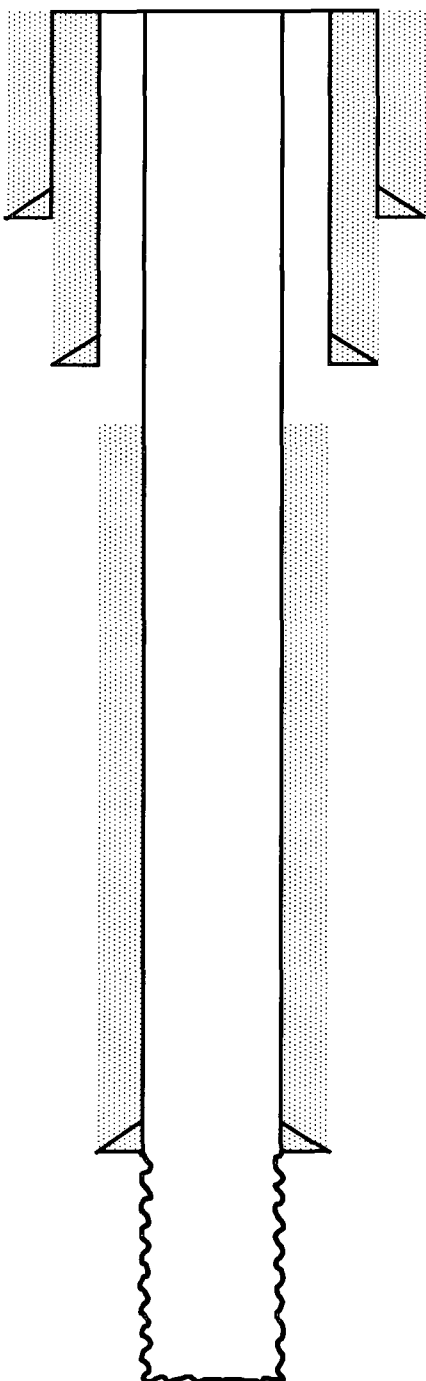
Completion Date: Aug-54Initial Formation: PaddockInterval Completed: From: 5149 To: 5250

Initial Production:

BOPD: \_\_\_\_\_

MCFPD: \_\_\_\_\_

BWPD: \_\_\_\_\_



Completion Data:

Perf 5240'-44'. Acid w/ 500 gals.

Acid 5149'-5250 w/ 500 gals.

Perf 5228'-33'. Acid w/ 1000 gals 15% NE

Subsequent Workovers/Reconditionings/Repairs:

6/94 SI

TD = 5250'

Additional Remarks or Information:

# WELL DATA SHEET

FIELD: Monument Blinebry

WELL NAME: G. C. Matthews #11

FORMATION: Blinebry

LOC: 2310' FSL & 990' FEL  
TOWNSHIP: 20-S  
RANGE: 37-E

SEC: 6, Unit I  
COUNTY: Lea  
STATE: NM

GL: 3558'  
DF to GL: 12'

CURRENT STATUS: TA'd  
API NO: 30-025-05952  
CHEVNO: FA7074

13 3/8" OD, 48#  
Sur. pipe set at 413'  
w/ 500 sxs cmt.  
circ. to surf.

9 5/8", 36# csg  
set at 2899' w 1900 sx  
TOC at 735' by TS

perf 3975 w/ 2  
holes, cmt w/  
275 sx, part of  
primary cmt  
job, TOC @  
2238' by TS

CIBP AT 5100'  
W/ 35' CMT

7" OD 23#, 8 rd, J-55  
set at 5234'  
cmt w/ 825 sx  
TOC at 2238' by TS

Perf  
5564-68'  
5573-77'  
5589-92'  
5602-06'  
SQZD w/ 200 sx

5" OD 14.8#, J-55 FJ  
Liner set at 5728'  
w/ 30 sx. TOL at 5193'

Paddock perms  
5150'-5230'  
Isolated w/ lnr  
and sqzd off.

CIBP AT 5640'  
W/ 35' CMT

perms  
5650' and  
5666'  
each with 3 holes  
in a plane

TD 5750'  
PBTD 5730'

Date Completed: #####  
Initial Production: 130 BOPD, no wtr  
Initial Formation: Paddock  
FROM: 5150' TO: 5230'

## Well History

10/54 Perf. 5150-5230' w/ 4 JSPF. Acdz w/ 2500 gal 15% HCl. Flowed 1230 BOPD, no wtr

8/57 Plugged bacd to 5205' w/ hydromite. Acdz perms 5150-5205' w/ 4000 gal 15%. Flow 103 BO, 22 BWPD, GOR 8541.

6/59 ETP

6/62 Deepened w/ 6 1/8" bit from 5234' to 5750', now TD. Ran 5' OD Hydril 14.8#, J-55 FJ liner from 5728 to 5193' (TOL). Cmt w/ 30 sx. Circulated. Perf Blinebry 5564-68', 5573-77', 5588-92', 5602-06' w/ 2 JSPF. Attempted to acdz but communicated to liner top. Perf liner at 5550' & circulated cmt to liner top and sqzd. DO lnr & test to 2,000 psi. Acdz perms, swab 100% wtr. Sqzd perms 5564-5606' w/ 200 sx. Re-sqzd w/ 155 sx. DO to 5730, FBTD, test to 2,000 psi, OK. Perf 5650' and 5666' with 3 JH in a plane. Acdz w/ 500 gal. Flowed 221 BO in 10 hrs. Set Model 'D' pkr at 5635' on WL. Dual completed. Acdz Paddock w/ 500 gal 15%.

2/64 ETP Blinebry.

4/66 Acdz Paddock w/ 1000 gal

3/71 Acdz Paddock w/ 1000 gal.

5/79 Repair tbq leak. Acdz Paddock using RBP & pkr w/ 1500 gal 15%

7/82 Chemical Sqz Blinebry w/ Corrosion Inhibitor

2/83 Repair tbl leak & return to production

7/85 Sqzd Paddock perms twice w/ 300 sx. Removed Model 'D' pkr. Acdz Blinebry w/ 500 gal 15% NEFE HCl. Paddock P&A'd. Blinebry completion only.

## FORMATION TOPS: Rustler 1035

T/ Salt 1070

B/ Salt 2190

Yates 2392

Queen 3065

Grayburg 3430

Glorieta (Paddock) 5098

Blinebry 5310



# WELL DATA SHEET

**FIELD:** Eunice Monument

**WELL NAME:** G. C. Matthews #12

**FORMATION:** Yates

**LOC:** 330' FSL & 990' FEL  
**TOWNSHIP:** 20S  
**RANGE:** 37E

**SEC:** 6  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3556'  
**KB to GL:** 11'  
**DF to GL:**

**CURRENT STATUS:**  
**API NO:** 30-025-05953  
**REFNO:** FA7075

**Date Completed:** 10/26/54

**Initial Formation:**

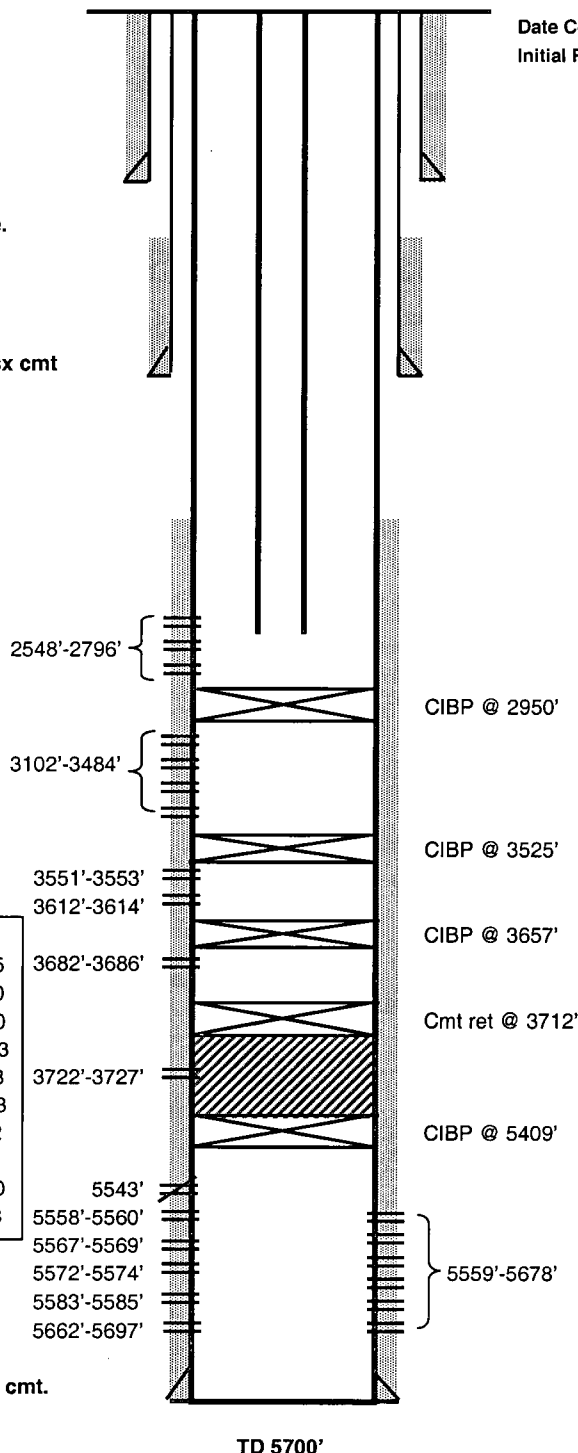
13-3/8" OD, 48#  
Surf Pipe set @ 408'  
W/400 sx cmt  
Circulated to surface.

9 5/8" OD, 36# Csg  
Set @ 2899' w/1575 sx cmt  
TOC @ 420' by TS.

## Formation Tops

Rustler	1025
T/Salt	1080
B/Salt	2040
Yates	2423
7-Rivers	2723
Queen	3093
Grayburg	3392
San Andres	3760
Glorieta	5070
Blinebry	5658

7" OD, 20 & 23# Csg  
Set @ 5699' w/400 sx cmt.  
TOC @ 2100' by TS.



## Completion Data:

Perf 7" csg @ 5662'-5697' w/4 1/2" JHPF. Acdz w/1000 gals 15% NE acid. Swb & well kicked off flowing.

## Subsequent Operations:

**08/61** CO 5626'-5697'. Acdz w/1000 gals 15% NEA.  
**07/62** Perf 5583'-5585', 5572'-5574', 5567'-5569', & 5558'-5560'. Acdz 5558'-5583' w/750 gals 15% NEA. Swb dry, rec 20 bw & no oil. Acdz w/3000 gals 15% NEA. Swb 90 bw, no oil. Set CIBP @ 5550' & perf 5543'. Set ret @ 5500' & obtain 5000# sqz. Drill out BP & ret. Found bottom @ 5680'. Perf 5661'-5678' w/4 holes in following intervals: 5661'-62', 5665'-66', 5669'-70', 5673'-74', 5677'-78' & flat plans @ 5584', 5573', 5568', & 5559'. Acdz perfs 5661'-78' w/500 gals 15% NEA. Acdz perfs 5559'-84' w/1000 gals reg NEA. Swb 104 bw & no oil. Pull tbq & cap well.

**11/70** Set CIBP @ 5409', PBTD @ 5400'. Perf 7" csg @ 3722'-27' w/8 1/2" JH. Spotted 500 gals 15% NEA on bottom. Set cmt ret @ 3712'. Sqz perfs 3722'-27' w/150 sx cmt. Perf 7" csg 3682'-86' w/2 1/2" JHPF, 8 holes. Pmp fresh acid across perfs. Set model K BP @ 3657', PBTD @ 3650'. Perf 7" csg @ 3612'-14', 3551'-53', 3482'-84', & 3425'-27' w/2 1/2" JHPF. Acdz w/3000 gals 15% NEA, used 20 sealers.

**03/71** Scale treat.

**04/78** Swb tst perfs 3425'-3614'. Set CIBP @ 3525'. Install prod test equip. Pumped all water. POH w/rods & pmp. Well TA.

**06/97** PU 106 jts tbq, tag @ 3390'. TOH w/tbg. Perf @ 3282'-84', 3272'-74', 3260'-62', 3246'-48', 3230'-32', 3220'-22', 3196'-98', 3169'-71', 3148'-50', 3120'-22', 3102'-04' w/1 JHPF. 22 holes total. Acdz perfs 3102'-3284' w/1600 gals 15% and 40 1.3 RCNBs. Frac w/838 bbbs gel, 677 bbbs CO2 & 181,000# 12/20 sand. CO sand f/3252' to 3386'.

**07/97** Set CIBP @ 2950'. Perf 2796', 2794', 2790', 2788', 2748', 2746', 2716', 2718', 2602', 2600', 2590', 2588', 2550', & 2548' w/4" csg guns, 1/JHPF. Acdz w/1500 gals, dropping 40 RCNBs. Frac w/57,500 gals 75/60/50 Quality CO2 foam & 169,800# 12/20 Brady sand.



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenbery  
Director  
Oil Conservation Division

October 26, 2000

Chevron U.S.A. Production Company  
P. O. Box 1150  
Midland, Texas 79702

Attention: Lloyd V. Trautman

Re: *Application for administrative approval for Chevron U.S.A. Production Company's existing G. C. Matthews Well No. 12 (API No. 30-025-05953) located 330' FSL & 990' FEL (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be deepened to the Undesignated West Monument-Tubb Gas Pool and completed at the above-described unorthodox gas well location within the SE/4 of Section 6, being a standard 160-acre gas spacing and proration unit for this pool.*

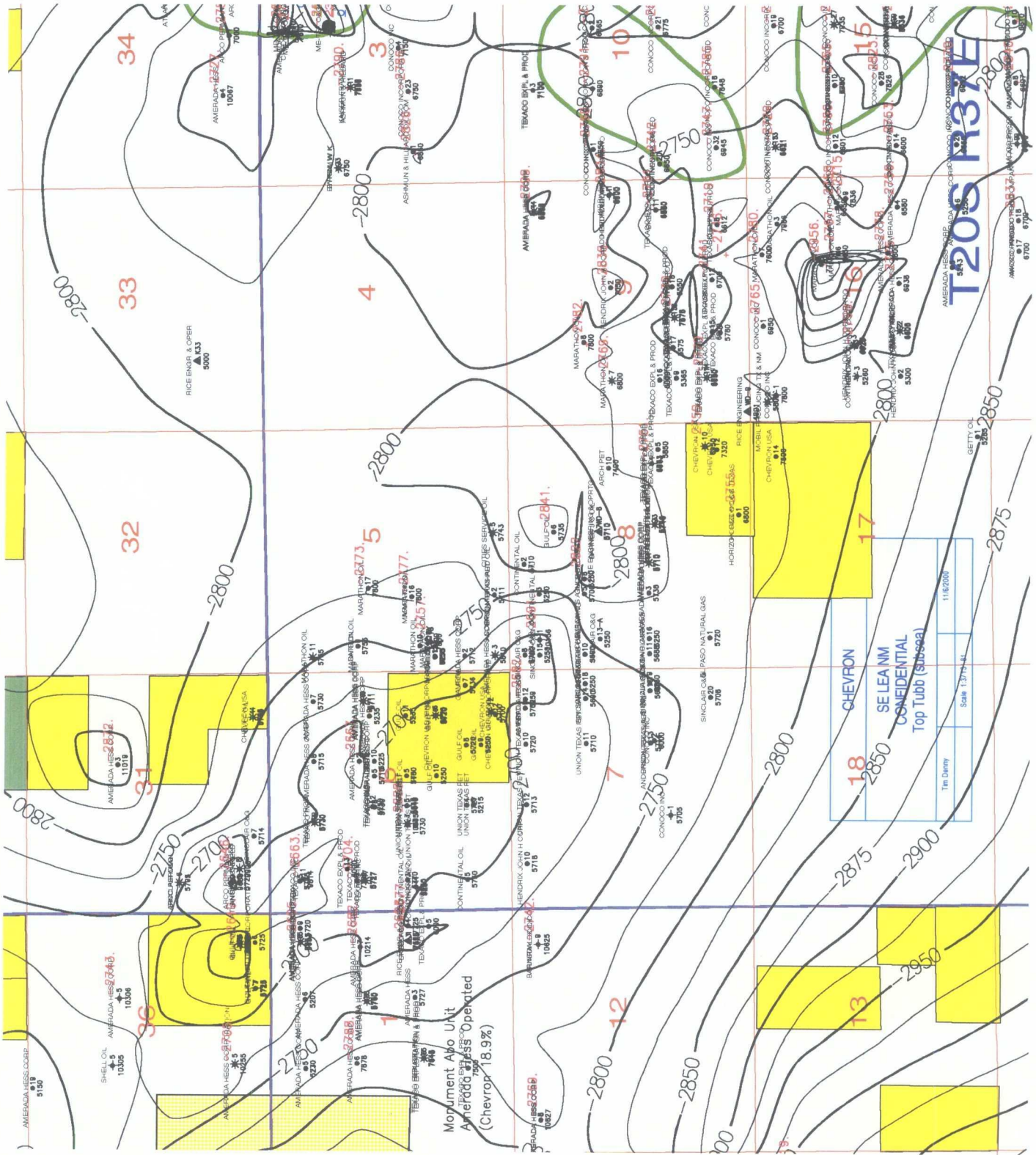
Dear Mr. Trautman:

In reviewing the subject application I can't help but notice the availability of several other Chevron owned wells within the SE/4 of Section 6 located at standard gas well locations that could be deepened or others that would require a recompletion to add the Tubb interval. Why was this well chosen?

Sincerely

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Hobbs



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NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

November 29, 1999

Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298

Attention: Edwin S. Ryan, Jr.

Re: *Administrative application for the creation of a non-standard 80-acre gas spacing and proration unit for anticipated wildcat Tubb gas production to comprise the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico*

Dear Mr. Ryan:

Reference is made to your application dated November 5, 1999 for the formation of the above-described non-standard 80-acre gas spacing and proration unit for unprorated gas production from the Tubb formation. This non-standard unit is to be dedicated to Cross Timbers Oil Company's existing Bertha J. Barber Com Well No. 13-Y (API No. 30-025-06027) located at a standard location 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 8.

Pursuant to Division Rule 104.A (2), any Tubb production from the subject wellbore would be subject to the rules currently governing the Monument-Tubb Pool, which provides for: (i) 80-acre spacing and proration units; (ii) wells to be located no closer than 330 feet to any governmental quarter-quarter section or lot; and (iii) a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of oil. If however, as you anticipate, the Tubb interval within this wellbore is indeed classified as a new gas reservoir from an untapped source of supply within the Tubb formation, this production and the new gas pool established for such production would be subject to Division Rule 104.C (3), which provides for 160-acre spacing, and being unprorated production, would also be subject to Rule 104.D (3), which provides for only one well within a standard drilling tract.

At this time I would suspect any Tubb production obtained from this wellbore. Should your completion turn out to be a gas well and being so close to the Monument-Tubb Pool which has a higher than normal GOR limit (see Case No. 10984) preliminary evidence indicates that this production would be in direct contact with the existing reservoir and not a wildcat gas pool as you are anticipating.

At this time the only option open to you is to test the Tubb interval within this wellbore under the current Monument-Tubb Pool rules. Once the Tubb interval is tested then several options would be open to you for relief. Forming a **non-standard 80-acre gas spacing unit** either at this time or once production is established, however, is not one of them.

Cross Timbers Oil Company

November 29, 1999

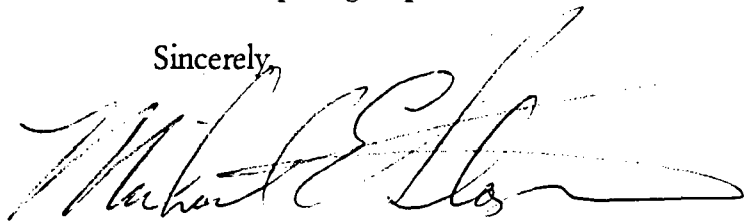
Page 2

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In any case this application fails to show: (1) why its necessary to create the proposed 80-acre non-standard wildcat Tubb gas spacing unit instead of forming a standard 160-acre gas spacing unit; (2) what steps you as a prudent operator have taken to reach a voluntary agreement to consolidate the entire NW/4 of Section 8 in order to form a standard 160-acre gas spacing and proration unit for this well if indeed it is classified as wildcat gas production; (3) how will correlative rights best be served by severing the E/2 of Section 8 from a standard 160-acre unit; and (4) how will waste be prevented and the drilling of an unnecessary well be avoided should it be necessary for a well to be drilled in this severed acreage in order to prevent drainage that may be caused by the subject well from this undedicated tract. Therefore, your application to form a non-standard 80-acre gas spacing unit for anticipated wildcat Tubb gas production within the NW/4 of Section 8 is hereby denied.

Should you need additional information on how to proceed in forming a standard 160-acre unit please refer to Sections 70-2-17 and 18, N.M.S.A., 1978 and Division Rule 1207.A, which provides for the compulsory pooling of acreage in order to form a standard spacing unit or drilling tract when two or more separately owned tracts of land are embraced within a spacing or proration unit.

Sincerely,

A handwritten signature in dark ink, appearing to read "Michael E. Stogner", with a long horizontal flourish extending to the right.

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
U. S. Bureau of Land Management - Carlsbad  
New Mexico State Land Office - Santa Fe  
Lori Wrotenbery, Director - OCD, Santa Fe  
Kathy Valdes, NMOCD - Santa Fe

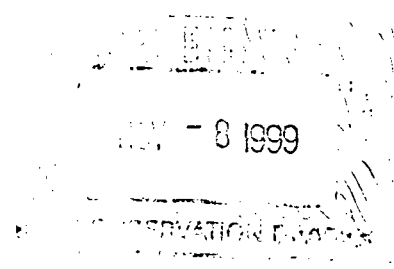


**Cross Timbers Oil Company**

NSP 11/29/99

November 5, 1999

New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, New Mexico 87505  
Attention: Mr. Michael Stogner



Re: Application for Non-Standard Proration Unit  
B.J. Barber # 13  
W/2NW/4 Section 8-T20S-R37E  
Lea County, New Mexico

Dear Mr. Stogner,

By letter dated October 27, 1999, Cross Timbers filed an application for a non-standard proration unit covering the captioned well. You returned the application (see attached letter dated October 29) stating it was unnecessary as 80 acre spacing was already established in Section 8 in the Monument Tubb pool.

However, Cross Timbers is anticipating a gas well from the Tubb based on the results of a well we recompleted in Section 7. Therefore, the B.J. Barber # 13 would be in the Wildcat Tubb Pool which requires 160 acre spacing.

Based on the above we respectfully resubmit the attached Application for a Non-Standard Proration unit.

Thank you for your time and should you have any questions or need additional information please call me at (817)885-2336.

Yours very truly,

Edwin S. Ryan, Jr.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

NOV 2 1999

October 29, 1999

cc: ERICH FALKO

DARRIN STEED - MIDLAND

Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298

Attention: Edwin S. Ryan, Jr.

*Re: Administrative application to establish a non-standard 80-acre spacing and proration unit for wildcat Tubb production comprising the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to the existing Bertha J. Barber Well No.13-Y (API No. 30-025-06027) located at a standard location 1980' FNL & 660' FWL (Unit E) of Section 8.*

Dear Mr. Ryan:

Pursuant to the rules governing the Monument-Tubb Pool [see Division Orders No. R-2800 and R-10128 and Division Rule 104.A], the subject application is unnecessary since 80-acre spacing is standard for the Tubb formation within Section 8.

Your application is hereby withdrawn and is being returned to you at this time.

Should you have any questions or comments concerning this matter, you may either contact me in Santa Fe at (505) 827-8185 or Mr. Paul Kautz in Hobbs at (505) 393-6161. Thank you.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
Kathy Valdes, NMOCD - Santa Fe





## Cross Timbers Oil Company

November 5, 1999

Lori Wrotenbery, Director  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87501

Gentlemen:

Cross Timbers Operating Company hereby requests administrative approval of the following 80 acre non-standard proration unit (see attached Form C-102 plat):

B. J. Barber Well No. 13  
W/2 NW/4 (Unit E) Section 8-20S-37E  
Lea County, New Mexico  
Wildcat Tubb Pool - Gas - 160 acres

The non-standard proration unit is required as Cross Timbers' lease is limited to the W/2 NW/4 and SW/4 SW/4. Cross Timbers plans to recomplete the B. J. Barber #13 well (100% working interest) which is temporarily abandoned in the Paddock formation to the Tubb and Abo formations. Royalty Owners are common between the 40 acre Abo Unit and the proposed 80 acre Tubb Unit and both zones are required to economically produce the well.

Notice of this application has been given to the offset operators as shown on the attached list by certified mail. We look forward to your approval and please feel free to call me at (817) 885-2336 with any questions.

Yours very truly,

Edwin S. Ryan, Jr.

cc: Erich Palko  
Darrin Steed - Midland  
Offset Operators

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-06027		Pool Code	Pool Name Wildcat Tubb	
Property Code	Property Name Bertha J. Barber		Well Number 13Y	
OGRID No. 00538	Operator Name Cross Timbers Operating Company		Elevation 3552'	

<sup>10</sup> Surface Location

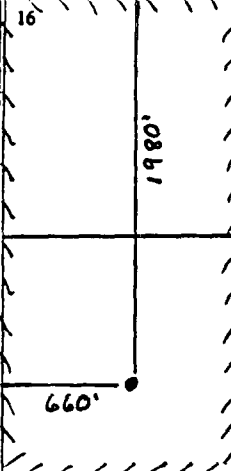
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	20S	37E		1980	North	660	West	Lea

<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 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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

				<p><sup>17</sup> OPERATOR CERTIFICATION</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> <hr/> <p>Signature Darrin L. Steed</p> <hr/> <p>Printed Name Operations Engineer</p> <hr/> <p>Title</p> <hr/> <p>10/20/99 Date</p>		
						<p><sup>18</sup> SURVEYOR CERTIFICATION</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> <hr/> <p>Date of Survey</p> <hr/> <p>Signature and Seal of Professional Surveyor:</p> <hr/> <p>Certificate Number</p>



## Cross Timbers Oil Company

November 5, 1999

CERTIFIED MAIL

TO: Offset Operators - See Attached

Re: Non-Standard Proration Unit  
B.J. Barber # 13  
W/2NW/4 Section 8-20S-37E  
Lea County, New Mexico

Gentlemen:

Cross Timbers Operating Company filed the attached application for administrative approval of the above Unorthodox Location with the New Mexico Oil Conservation Division on November 5, 1999. If you object to the application, you must file a written objection with the Oil Conservation Division within twenty (20) days of the date the application was filed.

Should you have any questions please feel free to call me at (817)885-2336.

Yours very truly,

Edwin S. Ryan, Jr.

Offset Operators  
Application for NSPU  
W/2 NW/4 Section 8-20S-37E  
Lea County, New Mexico

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702

Amerada Hess Corporation  
500 Dallas Street  
Houston, Texas 77002

Texaco Exploration & Production Inc.  
P.O. Box 3109  
Midland, Texas 79702

Doyle Hartman  
P.O. Box 10426  
Midland, Texas 79702-7426

Chevron USA Inc.  
P.O. Box 1150  
Midland, Texas 79702

Arch Petroleum Inc.  
Pogo Producing Company  
P.O. Box 10340  
Midland, Texas 79702

Arco Permian  
P.O. Box 1610  
Midland, Texas 79702

Mid-Continent Energy Operating  
100 W. 5th Street, Suite 450  
Tulsa, Oklahoma 74103-4287

John H. Hendrix Corp.  
P.O. Box 3040  
Midland, Texas 79702

KELLAHIN AND KELLAHIN

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

TELEPHONE (505) 982-4295  
TELEFAX (505) 982-2047

W. THOMAS KELLAHIN\*

\*NEW MEXICO BOARD OF LEGAL SPECIALIZATION  
RECOGNIZED SPECIALIST IN THE AREA OF  
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

January 23, 2001

Mr. Michael E. Stogner  
Oil Conservation Division  
1220 S. Saint Francis Drive  
Santa Fe, New Mexico 87504

HAND DELIVERED

Re: **NMOCD CASE 12586** *Chevron USA Production Company*  
*G. C. Matthews Well No. 12, (330' FSL & 990' FEL)*  
*Unit P, Section 6, T20S, R37E, NMPM,*  
*Administrative Application to NMOCD for Approval of*  
*Unorthodox Gas Well Location, Lea County, New Mexico*

OIL CONSERVATION DIV.  
01 JAN 23 PM 4:01

Dear Mr. Stogner:

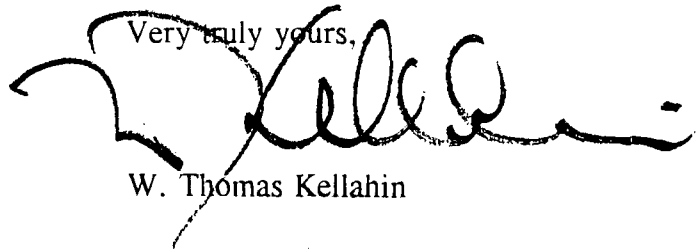
I represent Sapient Energy Corp., one of the offsetting interest owners towards whom the referenced Chevron USA Production Company ("Chevron") well will encroach. The other interests owners in the NE/4 of Section 7, T20S, R37E, are BP Amoco, Conoco and Chevron.

On October 31, 2001, I filed an objection to the Chevron administrative application in order to provide a procedure for addressing the issues involved. The purpose of filing the objection was not to delay the drilling of the Chevron well, but rather, to provide an opportunity to explore the possibility of resolving what could become certain disputes issues between Sapient and Chevron in the West Monument-Tubb Gas Pool. Since then, I have initiated and explored numerous settlement possibilities with Mr. William F. Carr, Esq., attorney for Chevron.

Although on January 2, 2001, Mr. Carr requested that this matter be scheduled for hearing on January 25, 2001, he and I have continued to explore various possible settlements. However, this morning, Mr. Carr informed me that Chevron would not accept any of the proposed settlements. Therefore, I regret to inform you that we have not been able to resolve what have become disputed issues concerning the Sapient well location and spacing unit.

Because I have not been able to obtain a settlement with Chevron, Sapient is hereby withdrawing its objection to Chevron's unorthodox well location and we will proceed to a hearing on Sapient's well location and its spacing unit.

Very truly yours,



W. Thomas Kellahin

cc: *Sapient Energy Corp*  
*Attn: Chuck Perrin*  
*William F. Carr, Esq.*  
*attorney for Chevron USA*



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

January 24, 2001

Lori Wrotenbery  
Director  
Oil Conservation Division

**Chevron U.S.A. Production Company**  
**P. O. Box 1150**  
**Midland, Texas 79702**  
**Attention: Lloyd V. Trautman**

*Administrative Order NSL-3752-A*

Dear Mr. Trautman:

Reference is made to the following: (i) your initial application dated October 11, 2000, which was received on October 17, 2000 by the New Mexico Oil Conservation Division's ("Division") office in Santa Fe, for an exception to **Division Rule 104.C (3)**, revised by Division Order No. R-11231, issued by the New Mexico Oil Conservation Commission in Case No. 12119 on August 12, 1999; (ii) your letter of amendment dated October 19, 2000, which was received on October 25, 2000; (iii) the Division's initial response by letter dated October 26, 2000 from Mr. Michael E. Stogner, Chief Hearing Officer/Engineer in Santa Fe, which represents a lack time of nine days from receipt; (iv) letter of objection filed by Sapient Energy Corporation dated October 31, 2000; (v) your letter with supplemental data dated November 7, 2000; (vi) the records of the Division in Santa Fe, including the files in Division Cases No. 12586 and 12587 and Division Administrative Order NSL-3752 (SD), dated January 2, 1997; (vii) Sapient Energy Corporation's second letter dated January 23, 2001 withdrawing its previous objection; and (viii) a meeting in Santa Fe between Mr. Stogner, Mr. William F. Carr, legal counsel for Chevron U.S.A. Production Company ("Chevron"), and Mr. W. Thomas Kellahin, legal counsel for Sapient Energy Corporation: all concerning Chevron's request to deepen and recomplete its G. C. Matthews Well No. 12 (**API No. 30-025-05953**), located 330 feet from the South line and 990 feet from the East line (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, into the Undesignated West Monument-Tubb Gas Pool at an unorthodox gas well location within a standard 160-acre gas spacing and proration unit for the Undesignated West Monument-Tubb Gas Pool comprising the SE/4 of Section 6.

By Division Administrative Order NSL-3752 (SD) Chevron received authorization to recomplete its G. C. Matthews Well No. 12 from the Eunice Monument-Grayburg San Andres Pool into the Eumont Gas Pool within an existing non-standard 160-acre gas spacing and proration unit comprising the SE/4 of Section 6 (approved by Division Administrative Order NSP-312, dated September 7, 1956) at the above-described unorthodox gas well location.

The location of this well within the Undesignated West Monument-Tubb Gas Pool is also

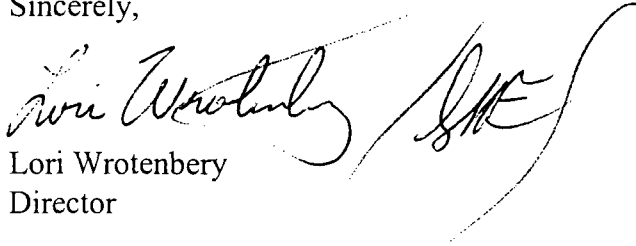
considered to be unorthodox pursuant to Division Rule 104.C (3).

This application has been duly filed under the provisions of Division Rule 104.F, as revised.

By the authority granted me under the provisions of Division Rule 104.F (2), the above-described unorthodox gas well location within the Undesignated West Monument-Tubb Gas Pool is hereby approved.

Further all provisions of Division Order NSL-3752 (SD) shall be placed in abeyance until further notice.

Sincerely,



Lori Wrotenbery  
Director

LW/MES/kv

cc: New Mexico Oil Conservation Division - Hobbs  
William F. Carr, Legal Counsel for Chevron U.S.A. Production Company - Santa Fe  
W. Thomas Kellahin, Legal Counsel for Sapient Energy Corporation - Santa Fe  
File: NSL-3752  
Case No. 12586  
Case No. 12587



NSL-3752-A

# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

**GARY E. JOHNSON**

Governor

**Jennifer A. Salisbury**

Cabinet Secretary

**Lori Wrotenberg**

Director

**Oil Conservation Division**

11/9/00

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

RE: Proposed:

MC \_\_\_\_\_  
DHC \_\_\_\_\_  
NSL X \_\_\_\_\_  
NSP \_\_\_\_\_  
SWD \_\_\_\_\_  
WFX \_\_\_\_\_  
PMX \_\_\_\_\_

Gentlemen:

I have examined the application for the:

Exxon USA Inc GC Matthews # 12-P-6-2Ds-37e  
Operator Lease & Well No. Unit S-T-R AP 1 # 30-025-05953

and my recommendations are as follows:

OK.

Yours very truly,

Chris Williams  
Supervisor, District 1



HOLLAND & HART LLP  
AND  
CAMPBELL & CARR  
ATTORNEYS AT LAW

DENVER • ASPEN  
BOULDER • COLORADO SPRINGS  
DENVER TECH CENTER  
BILLINGS • BOISE  
CHEYENNE • JACKSON HOLE  
SALT LAKE CITY • SANTA FE  
WASHINGTON, D.C.

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SANTA FE, NEW MEXICO 87504-2208

TELEPHONE (505) 988-4421  
FACSIMILE (505) 983-6043  
www.hollandhart.com

January 24, 2001

Michael E. Stogner  
Hearing Examiner  
Oil Conservation Division  
New Mexico Department of Energy,  
Minerals and natural Resources  
1220 South Saint Francis Drive  
Santa Fe, New Mexico 87504

OIL CONSERVATION DIV.  
01 JAN 24 PM 2:29

Re: Oil Conservation Division Case No. 12586: Application of Chevron U.S.A. Production Company for an unorthodox well location, Lea county, New Mexico.

Oil Conservation Division Case No. 12587: Application of Sapient Energy Corp for an unorthodox well location and two non-standard 160-acre spacing units, Lea County, New Mexico.

Dear Mr. Stogner;

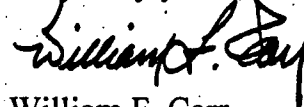
Pursuant to your directive, this letter summarizes the actions taken in each of the above-referenced cases at the at the Oil Conservation Division's January 24, 2001 Pre-hearing Conference:

1. Case 12586: Sapeint has withdrawn its objection to the administrative application of Chevron U.S.A. to re-complete its G. C. Matthews Well No. 12 in the Tubb formation and the application of Chevron will be approved by Administrative Order. Case 12586 will be dismissed.
2. Case 12587: Sapient will file an amended application in which it will seek the approval of the unorthodox well location for the Bertha J. Barber Well No. 12 330 feet from the North line and 660 feet from the East line of Section 7, Township 20 South, Range 37 East, NMPM. Sapient will seek the approval

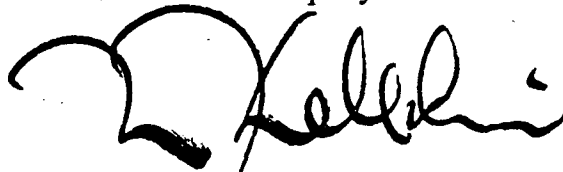
of a non-standard spacing unit for this well comprised of the E/2 E/2 of Section 7 and, in the alternative, Sapient will seek the approval of a 160-acre non-standard spacing unit comprised of the E/2 NE/4 of Section 7 and the W/2 NW/2 of Section 8. Sapient will also seek the approval of two additional non-standard spacing units in the Tubb formation, West Monument-Tubb Gas Pool: one to be comprised of the W/2 NE/4 of Section 7 and the other to be comprised of the E/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM. This application will also seek to prorate this pool.

3. Chevron's requests that the Sapient Bertha J. Barber Well No. 12 be shut-in pending a final resolution of this dispute was denied.
4. The amended application of Sapient Energy Corporation in Case 12587 will be set for hearing before a Division Examiner on March 8, 2001.

Very truly yours, RK



William F. Carr  
Attorney for Chevron U.S.A.  
Production Company



W. Thomas Kellahin  
Attorney for Sapient Energy Corp



**Chevron**

November 7, 2000

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico

NOV - 8 2000

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn.: Mr. Michael Stogner  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Mr. Stogner:

This letter is in response to your letter dated October 26, 2000, (copy attached) concerning why well #12 was chosen for the Tubb recompletion.

Here is a recap of the process used to determine the proper well to recomplete into the Tubb formation in section 6. While reviewing Chevron's G. C. Matthews lease for production improvements or cost reduction ideas, we noticed the activity in Section 5 and 7 of T20S, R37E in the Tubb. At this time we decided to recomplete the #6 well. It is located 990' FEL and 1650' FSL of Section 6. Permits were obtained and the work was completed July 14, 2000 and the Tubb zone was tight. Proper treatment was not possible as we screened out on a fracture treatment and could not pump an acid stimulation at the desired rate. Production testing resulted in no fluid entry.

At this time we reviewed the rest of the wells in the SE/4; well bore schematics of the wells are attached for you to look at. Following is a well by well discussion of this review. Wells #3, 4, 8, and 11 are P&A'd, therefore not considered as a candidate well. Well # 5 has a 4 1/2" liner across the Tubb, but is another nonstandard location, 2310' FSL and 2310' FEL. Well #2 has a 4 1/2" liner cemented in and would have to be deepened about 2600'. This small size liner would cause longer time to drill, more costs and would limit the completion tool selection and production that could be obtained from the well. Therefore, wells #2 and 5 were not considered as preferred candidates. Well #10 has 7" casing and would have to be deepened about 800', and is at a non-

standard location at 1650' FSL and 2310' FEL. Well #7 has 5 1/2" casing and is a non-standard location at 990' FSL and 330' FEL. Well #9 has 5 1/2" casing at 5250' and is at a standard location, 660' FSL and 1650' FEL. Well #1 has 7" casing at 3714' and would have to be deepened about 2600' and is a standard location at 660' FSL and 1980' FEL. Well #12 has 7" casing at 5700' and would have to be deepened about 800' and is at a non-standard location.

Summarizing the details above, the P&A'd wells and the wells with 4 1/2" casing or liners were not considered to be viable candidates, so wells #3, 4, 8, 11, 5, and 2 were put aside. Of the wells with 5 1/2" and 7" casing, the 7" casing is the preferred size as it allows us to run 4 1/2" casing as opposed to 3 1/2" casing. The increased casing size allows us to run more conventional tools in the well for completion. The cost to drill a 4 1/2" hole as compared to a 6 1/8" hole would be increased as we estimate an additional 4-5 days to drill to TD with the smaller hole. This makes wells #1, 10, and 12 the most desirable candidates. Of these three, well #12 was decided upon. Well #10 was in a nonfavorable location based upon the results of well #6, and #1 required an additional 1800' of hole to be drilled, which was estimated to take an additional 4-5 days and cost an additional \$30,000 - \$40,000. Well #12 also allows Chevron to protect the reserves on our lease from being drained by a well 330' from the lease line in a non-standard 160 acre standup proration unit.

Attachments include: wellbore schematics of Chevron's wells, copy of OCD letter to Chevron dated October 26, 2000, Tubb structure map, and a map of the G. C. Matthews lease. If you have any questions or require any further information concerning this information, please contact me at (915) 687-7152.

Sincerely,



Lloyd V. Trautman  
Sr. Petroleum Engineer  
New Mexico Area

lvt

Attachments

cc: NMOCD -- Hobbs, NM  
J. K. Ripley  
T. R. Denny  
L. V. Trautman  
R. M. Vaden  
Central Files

## WELL DATA SHEET

FIELD: Eunice-Monument

WELL NAME: G. C. Matthews #1

FORMATION: Grayburg/San Andres

LOC: 660' FSL & 1980' FEL, Unit O  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL:  
KB to GL:  
DF to GL:

CURRENT STATUS: SI  
API NO: 30-025-05942  
REFNO: FA7064

Date Completed: 5/36

Initial Production: 108 bopd, 4900 mcfpd

### Completion Data:

### Subsequent Operations:

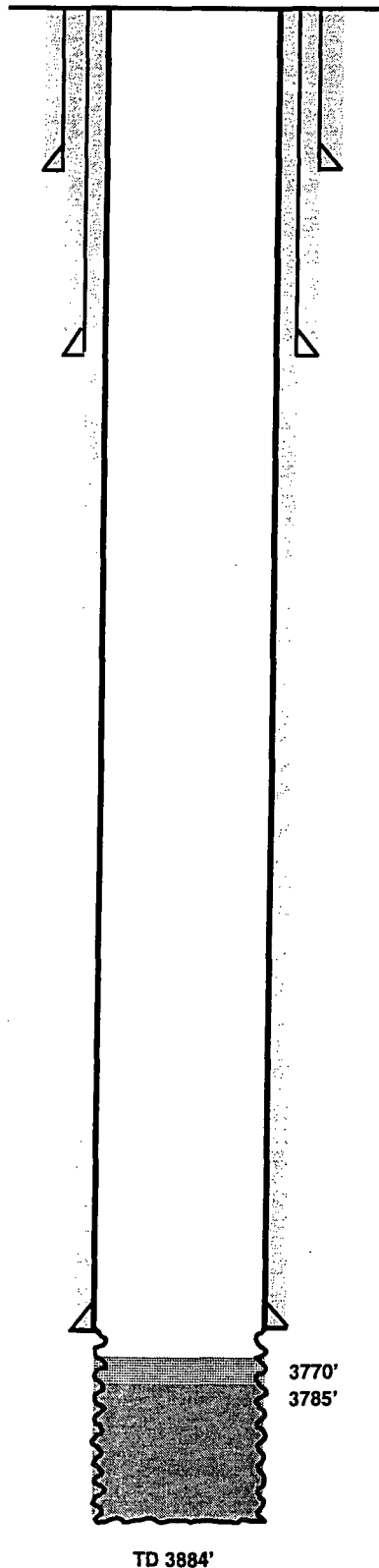
5/56 -- PB to 3785' w/Calseal. PB to 3770' w/hydromite (Grayburg). 73 bopd, 76 bwpd.

3/94 -- SI

13" Csg  
Set @ 223' w/250 sx cmt.  
Circ?

9 5/8" Csg  
Set @ 2317' w/600 sx cmt.  
Circ?

7" Csg  
Set @ 3714' w/145 sx  
TOC ?



Well Name: G. C. Mathews #2Field: EumontLocation: 1980' FSL & 1980' FELSec: 6Formation: EumontTownship: 20SCounty: LeaAPI #: 30-025-12721Range: 37EState: NMChevno: FG7195GE: 3576 KDB to GE: \_\_\_\_\_ DF to GE: \_\_\_\_\_

Spud Date: \_\_\_\_\_

Completion Date: Jun-36Initial Formation: Grayburg

Interval Completed: From: \_\_\_\_\_ To: \_\_\_\_\_

Initial Production: BOPD: 280

MCFPD: \_\_\_\_\_

BWPD: \_\_\_\_\_

Completion Data:

Acid w/ 7600 gals

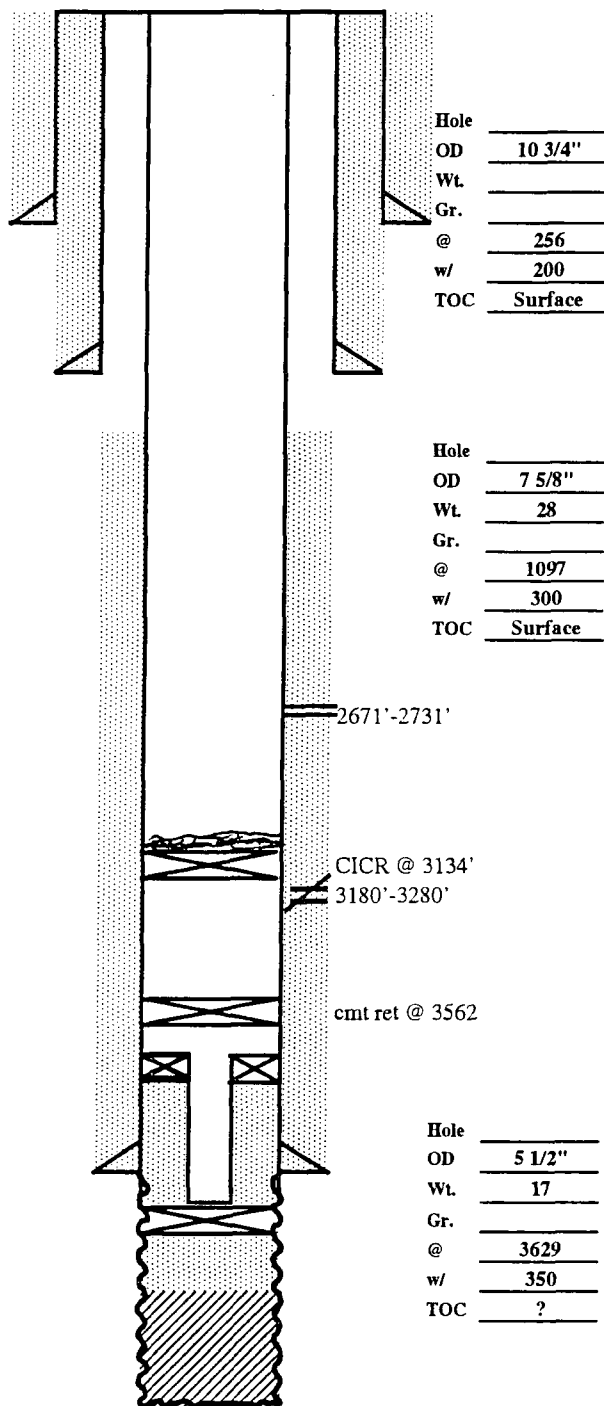
Subsequent Workovers/Reconditionings/Repairs:

1/56 PB to 3825' w/ hydromite.

2/56 Set cmt retainer @ 3774'. Sqz w/ 145 sx cmt below retainer and spot 37 sx cmt on top of retainer Clean out to 3770'. Underream hole to 7" from 3630'-3742'. Run 4 1/2" liner. Top @ 3570'. Set @ 3770'. Cmt w/ 80 sx cmt. Perf 3736'-40'. Acid w/ 250 gals 15% HCl. Perf 3710'-27'. Set cmt ret @ 3562'. Sqz w/ 250 sx cmt. Perf Eumont (Penrose) 3180'-3280'. Acid w/ 500 gal mud acid.

4/91 Acid w/ 300 gals 15% NEFE.

10/5/1998 Set CICR @ 3134'. Sqz w/ 300 sx cmt. Cap CICR w/ 35' cmt. Perf 2671'-2731'. Acid w/ 45 bbls 15% NEFE



Additional Remarks or Information:

# WELL DATA SHEET

FIELD: Eunice-Monument

WELL NAME: G. C. Matthews #3

FORMATION:

LOC: 660' FSL & 660' FEL, Unit P  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3567'  
KB to GL: 6.5'  
DF to GL:

CURRENT STATUS: P&A  
API NO: 30-025-05944  
REFNO: FA7066

Date Completed: 9/15/36

Initial Production: 148 bopd, 1126 mcfpd

Completion Data:

8/36 -- Acdz w/2000 gals 50-50.

9/36 -- Acdz w/3000 gals 14%.

Subsequent Operations:

8/40 -- Acdz w/500 gals 15%.

10/40 -- Acdz w/1000 gals 15%.

6/53 -- Unable to retrieve fish in hole (Otis blind choke).  
Dumped pea gravel @ 3871'-28', Hydromite @ 3828'-26',  
pea gravel @ 3826'-25'.

12/54 -- Set cmt retainer @ 3739' w/125 sx. Perf 3700'-38'  
w/4 1/2" JHPF. Acdz w/500 gals 15% NE.

4/55 -- Plug from 3723'-39' w/24 gals Hydromite.

3/77 -- Set BP @ 3680', cap w/4 sx cmt. Set cmt plug over  
top of salt f/1030'-1130 w/21 sx; cmt plug f/50' to surface w/6  
sx.

7/79 -- Drill out surface and cmt plug. Perf 3381'-3383',  
3435'-3437', 3498'-3500', 3532'-3534', & 3594'-3596' w/2 1/2"  
JHPF. Acdz w/4000 gals 15%.

12/79 -- Set CIBP @ 3350', cap w/6 sx cmt. Set cmt plug  
f/1050'-1150', and plug f/90' to surface. Well P&A'd.

10 3/4", 32# Csg  
Set @ 216' w/200 sx cmt.  
Circ?

7 5/8", 22# Csg  
Set @ 2345' w/450 sx cmt.  
Circ?

CIBP @ 3350'

3381'

3596'

CIBP @ 3680'

5 1/2", 17# Csg  
Set @ 3744' w/200 sx cmt.  
Circ?

Hydromite & pea gravel  
3825'-3871'

Fish in hole

TD 3891'

## WELL DATA SHEET

FIELD: Eunice Monument

WELL NAME: G. C. Matthews #4

FORMATION: Grayburg

LOC: 1980' FSL & 660' FEL  
TOWNSHIP: 20-S  
RANGE: 37-E

SEC: 6, Unit I  
COUNTY: Lea  
STATE: NM

GL: 3567'  
KB to GL: 6'

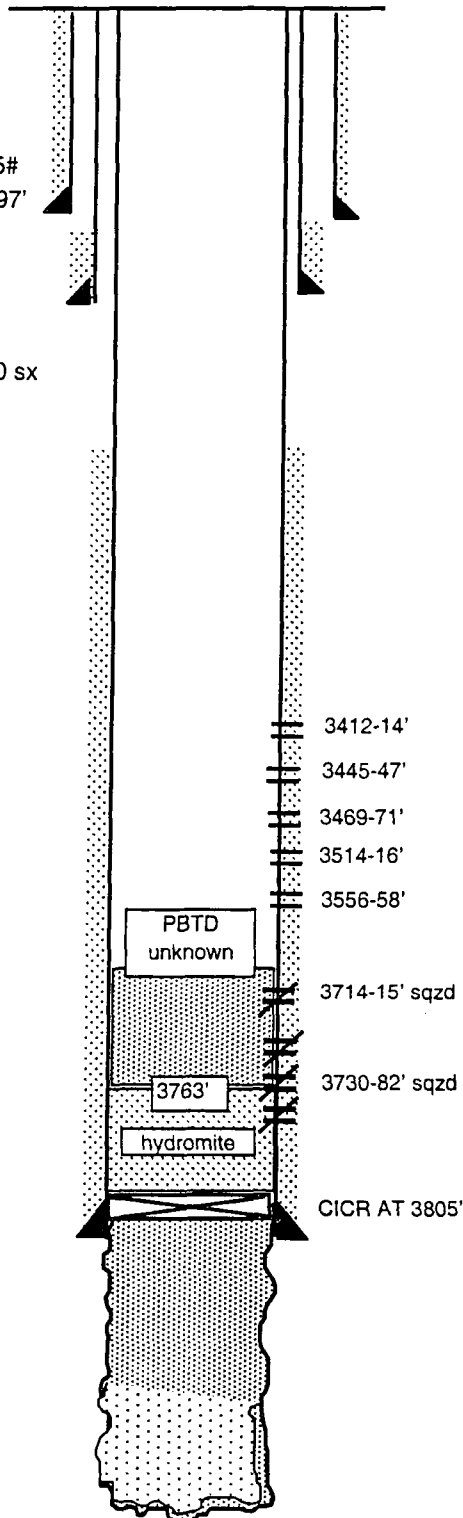
CURRENT STATUS: TA'd  
API NO: 30-025-05945  
CHEVNO: FA7067

Date Completed: #####  
Initial Production: 715 bopd, 1578 mcf/d  
Initial Formation: Grayburg  
FROM: 3815' TO: 3897'

10 3/4" OD, 32.75#  
Sur. pipe set at 297'  
w/ 200 sxs cmt.

7 5/8", 36# csg  
set at 2342' w 400 sx

5 1/2" OD17#  
set at 3815'  
cmt w/ 200 sx



### Well History

5/52 PB w/ hydromite to 3858', Install gas lift. IP 65 BO, 29 BW

3/57 Ran CIRC set at 3805 Sqz OH w/ 213 sx. Perf 3730-82' w 4 JSPF. Acdz w/ 250 gal. Well flowed. PB to 3763' with Hydromite & Calseal. Treat 3730-63' w/ 7476 gal lease crude w/ 1 ppg sd. PB to 3720' w/ hydromite. Perf 3714-15' w/ 8 JSPF. Set CIRC at 3690'. DO to 3720'. Csg would not test. Set CIRC at 3685'. Pump 500 gal Cealment. DO cmt to 3720'. test perms at 3715 to 500 psi, ok. DO hydromite and sand to 3763'. Swab well, kicked off. [Assume that perms 3730-63' open because of being covered w/ sand and hydromite was used as a cap on the sand.]

5/58 Sqz perms 3730-63 w/ 87 sx cmt. TA'd

4/60 P&A w/ Aquagel mud. Spot 10 sx cmt at top of 5 1/2" csg. Set marker.

7/69 Re-enter. CO to 3675'. Spot 15% Acid. Perf 3412-14', 3445-47', 3469-71', 3514-16', 3556-58', w/ 2 JSPF. Acdz w/ 3000 gal 15% ND Acid. IP 1 BO ? Gas

8/79 Note in file that well has been TA'd. No details given.

### FORMATION TOPS:

Rustler 1080  
T/ Salt 1120  
B/ Salt 2270  
Yates 2380  
Queen 3036  
Grayburg 3680



Chevron



# WELL DATA SHEET

FIELD: Monument

WELL NAME: G. C. Matthews # 5

FORMATION: Abo

LOC: 2310' FSL & 2310' FEL  
TOWNSHIP: 20-S  
RANGE: 37-E

SEC: 6, Unit I  
COUNTY: Lea  
STATE: NM

GL: 3559'  
KB to GL: 10.4'

CURRENT STATUS: SI  
API NO: 30-025-05946  
CHEVNO: FA7068

Date Completed: 06/22/1951  
Initial Production: 960 BO, 0 BW, 570 MCF  
Initial Formation: Paddock/Blinebry  
FROM: 5650' TO: 5700'

13 3/8" OD, 48#, H-4C  
Sur. pipe set at 326'  
w/ 325 sxs cmt.  
Circ. to surf.

9 5/8", 36# csg, 8rd, J-55  
set at 2650' w 1500 sx  
TOC at 950' by TS

Grayburg  
Squeezed  
3386'-88'  
Squeezed  
3437'-3612'

Paddock  
Squeezed  
5139'-5208'

TOL 5333'

Blinebry, Squeezed  
5576'-5602'  
Squeezed  
5650'-5700'

Existing  
6862'-6986'

7045'  
through  
7252'

7" OD 23#, 8 rd, J-55  
set at 5779'  
cmt w/ 650 sx  
TOC at 2660' by TS

1/2" OD 11.6#, K-55  
liner set at 7398'  
w/ 250 sx. TOL at 5333'

## Well History

- 5/51 Spud, Paddock/Blinebry Test, TD 5780', PBTD 5745'
- 3/56 Installed Pumping Unit, 103 BO, 157 BW
- 11/60 TA'd well
- 6/61 Test Blinebry. Set CI @ 5640', Squeezed perms 5650' to 5700' in 7" CSG. Perf 4 SPF 5576' - 78', 5584'-86', 5600'-02'. Treated w/ 750 gal 15% NEA, using 15 7/8" RCNB. PBTD 5736'. Prod. 182 BO, 0 BW, 108 MCF.
- 4/67 Acdz w/ 1000 gal 28% NEA. Before 22 BO, After 33 BO.
- 8/67 Installed Pumping Equipment.
- 5/68 Acdz. 5000 gal 15%. No change in prod.
- 5/69 Test Grayburg. Set BP on WL @ 5500'. Dumped 2 sxs CMT. Perf. 3610'-12', 3546'-48', 3506'-3508', 3466'-68' & 3437'-39'. Acdz w/ 4000 gal 15% NE acid, 4 bpm, Pmax 3600 psi.
- 6/72 Dual Grayburg with Paddock. Perf 7" CSG w/ 2, 1/2" JHPF @ 5139'-43', 5172'-76', 5186', 92', and 5204'-08'. Acdz w/ 3000 gal 15% NE acid. Acdz perms again w/ 3500 gal 15% NE acid. Ran long string w/ RKR @ 5050', end of TBG @ 5116'. Short String @ 3403'.
- 6/75 TA'd Paddock.
- 8/76 Pulled both strings & TA Paddock w/ BP @ 5050'. TA Grayburg w/ RBP @ 3412'. Perf 7" CSG w/ 4, 1/2" JHPF @ 3386'-88'. Acdz w/ 1000 gal 15% NE acid. Put on prod.
- 10/77 Squeeze Paddock, 5139'-5208' w/ 150 sxs CI "C". Squeeze Graybury, 3326'-3612' w/ 300 sxs CI "C". C/O to 5780' & squeeze Blinebry, 5576'-5602' w/ 400 sxs CI "C". Deepen with 6 1/4" bit to 7400'. Set 4 1/2" liner with top at 5333', bottom at 7398'. Perf Abo at 7045'-47', 7079'-81', 7119'-21', 7149'-51', 7196'-98', 7216'-18', 7250'-52'. Acdz w/ 12,000 gal 15% HCl at 15 BPM. ISIP 4450 psi. 15 MIN SI 4000 psi. IPP = 8 BOPD, 9 BWPD.
- 10/87 Perf 7159', 55', 46', 44', 40', 38', 34', 32', 09', 7072', 71', 70', 62', 60' with 1 SPF. Acdz with 5500 gals 20% HCl. (appears all pay was acidized) Run Rods & Pump. Off Report - 9 BO, 9 BW, 17 MCF.
- 3/88 Acid Frac 7045'-7252' with 30,000 gals XL Gel, 15,000 gals 20% Gelled NEFe, 3750 gals 20% Slick NEFe, 12,000 gals non-XL Gelled 8.6 lb BW and 288,000 scf N2. Rate of 12 bpm, 4540 psi Pmax. Run Pump Eq. Before - 2 BO, 1 BW, 19 MCF. After - 1 BO, 4 BW, 99 MCF.
- 2/90 Production less than 1 BOPD, 0 BWPD. Moved 228 Lufkin pumping unit. SI.

# WELL DATA SHEET

FIELD: Monument

WELL NAME: G. C. Matthews #6

FORMATION: Tubb

LOC: 1650' FSL & 990' FEL  
TOWNSHIP: 26S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3570'  
KB:  
DF:

CURRENT STATUS: SI  
API NO: 30-025-05947  
REFNO: FA7069

Date Completed: Nov-51  
Initial Formation: Blinebry

14" csg set at 310'  
Cmtd w/ 300 sx.  
Cmt circ to surface.

9 5/8" 36# J-55 csg set at 2631'  
Cmtd w/ 1408 sx.  
Cmt circ to surface.

Grayburg

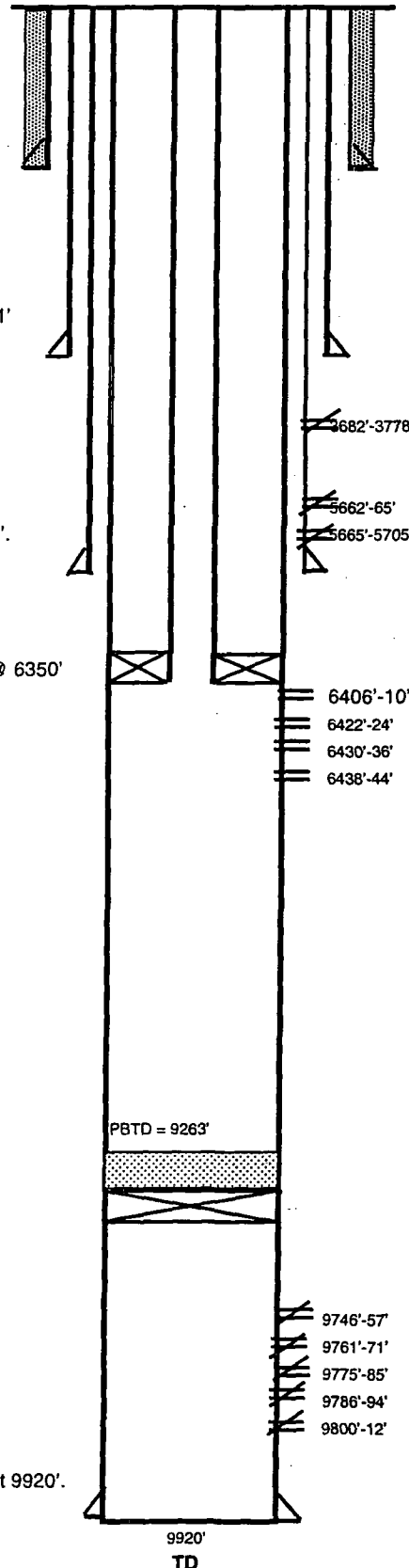
Blinebry  
7" 20&23# J55 csg set at 5733'.  
Cmtd w/ 650 sx.  
TOC @ 2820'

Arrow set 1-X pkr @ 6350'

Tubb

Ellenberger

4 1/2" 9.5&11.6# J-55 csg set at 9920'.  
Cemtd w/ 515 sx.  
TSITOC @ 2730'.



Completion Data: Perf 5665'-5705' w/ 4 spf. Acid w/ 1000 gals 15% NEA. IP 2040 BOPD 0 BWPD.

## Subsequent Operations:

1956- PB to 5685'. Acid w/ 1000 gal 15% NEA.

Aug 1956- Sqz perms 5662'-5674'. Perf Grayburg 3705'-3778'. Acid w/ 1000 gals.

June 1959- Sqz 3725'-78'. Perf 3682'-84' and 3700'-02'. Acid w/ 3000 gals 15% HCl.

July 1961- Deepened to 9920'. Ran and cmtd 4 1/2" csg to TD. Perfed 9746'-57', 9761'-71', 9775'-85', 9788'-94', and 9800'-12'. IP'd 1.85mmcfpd, FTP 2485 psi.

Feb 1995- TA'd well. Set CICR @ 9641'. Cap w/ 25 sx. PBTD 9263'.

July 2000- Perf Tubb 6406'-10', 6422'-24', 6430'-36', and 6438'-44'. Acdz w/2000 15% anti-sludge. Frac w/15,000 gals Spectra & 11,500# 16/30 sd. Screened out early; 6800# sd in formation & 2000# sd in tbg. C/O sd to 6650. Acdz 6406'-6444' w/2500 gals 15% anti-sludge, dropping 60 - 1.3 sg ball sealers.

## WELL DATA SHEET

FIELD: Monument Paddock

WELL NAME: G. C. Matthews #7

FORMATION: Paddock

LOC: 990' FSL & 330' FEL, Unit P  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3558'  
KB to GL:  
DF to GL:

CURRENT STATUS:  
API NO: 30-025-05948  
REFNO: FA7070

Date Completed: 5/10/53

Initial Formation: Blinebry

Initial Production: 292 bopd, 439 mcfpd, 0 bwpd

Completion Data:

Perf 5718'-32' w/4 hpf.

Subsequent Operations:

2/54 -- Acdz Blinebry w/200 gals 15% HCL. 3 bopd, 298 bwpd.

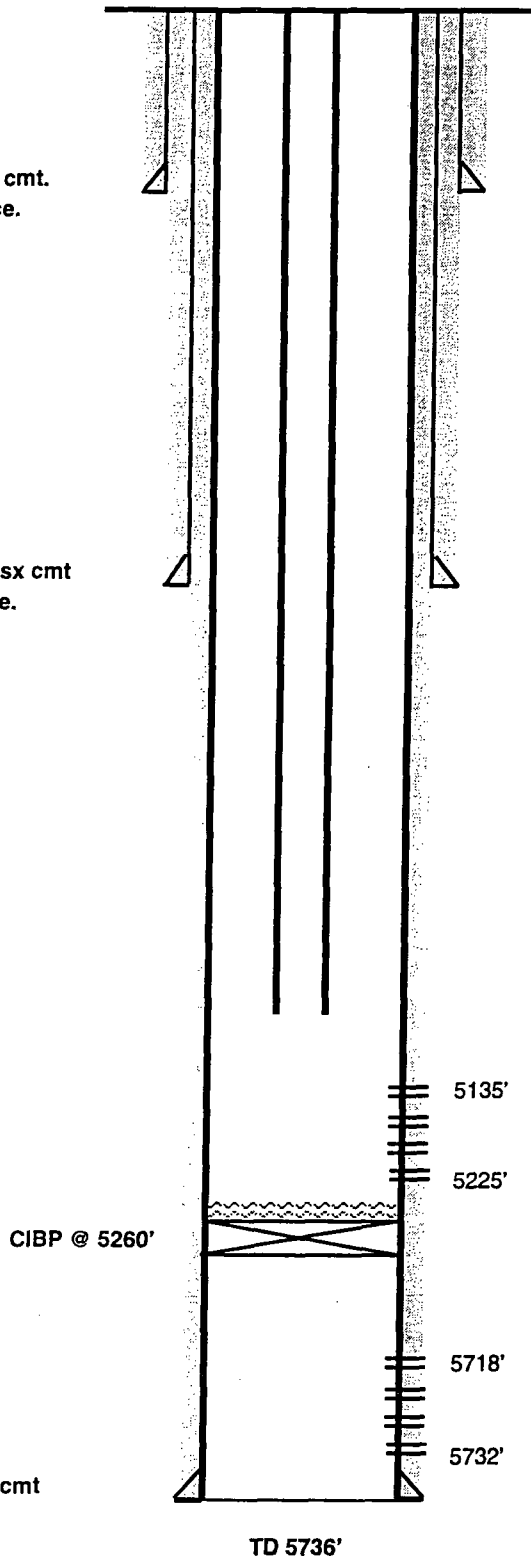
3/54 -- Plug Blinebry. Set CIBP @ 5260', cap w/1 sk cmt. Perf Paddock 5135'-5225' w/4 hpf. Flowed 366 bopd, 204 mcfpd.

10/68 -- Install rod pump equip. 123 bopd, 69 bwpd.

12 3/4" Csg  
Set @ 291 w/350 sx cmt.  
Circulated to surface.

8 5/8", 32#, J-55 Csg  
Set @ 2522' w/3750 sx cmt  
Circulated to surface.

5 1/2", 14#, J-55 Csg  
Set @ 5735 w/795 sx cmt  
Circulated to surface



# WELL DATA SHEET

FIELD: Monument

WELL NAME: G. C. Matthews #8

FORMATION: Blinebry

LOC: 990' FSL & 1650' FEL, Unit O  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3561'  
KB to GL: 13.7

CURRENT STATUS: SI  
API NO: 30-025-05949  
REFNO: FA7071

Date Completed: 7/53

Initial Production: 340 bopd, 649 mcfpd

Completion Data:

Perf liner @ 5645'-5710' w/4. 1/2" JHPF. Acdz w/1000 gals 15% NE.

Subsequent Operations:

12/60 -- Install ppg equip.

10/64 -- Acdz w/500 gals 15% down csg. Perfs sealed off and acid stayed in well bore.

11/64 -- Acdz w/3000 gals 15%.

9/67 -- Ran CIBP & set @ 5625'. Dmp 10' cmt on top. Perf liner @ 5553'-55', 5568'-70', 5588'-90' w/2 1/2" JHPF. Spot w/500 15% NE acid. Acdz w/2000 gals 15%.

5/75 -- P&A well. Set CIBP @ 5600' w/40' cmt on top. Set plug f/3931'-3823' w/16 sx cmt. Set plug f/1134'-1026' w/20 sx cmt. Set plug f/54' to surface w/10 sx.

13 3/8", 48#, H-40 csg  
Set @ 460' w/525 sx cmt.  
Circulated to surface.

8 5/8", 28#, H-40 Csg  
Set @ 2649' w/630 sx cmt.  
Circulated to surface.

TOL @ 3887'

7 7/8", 23#, J-55 Csg  
Set @ 3988' w/230 sx cmt.  
TOC @ 300' by TS

CIBP @ 5600'

CIBP @ 5625'

5 1/2", 15.5#, J-55 Liner  
Set @ 5719' w/71 sx cmt.  
TOC @ 3763'

TD 5720'

# WELL DATA SHEET

FIELD: Monument

WELL NAME: G. C. Matthews #9

FORMATION: Paddock

LOC: 660' FSL & 1650' FEL, Unit O  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3559'  
KB to GL:  
DF to GL:

CURRENT STATUS: SI  
API NO: 30-025-05950  
REFNO: FA7072

Date Completed: 7/54  
Initial Formation: Paddock  
Initial Production: 264 bopd, 128 mcfpd

13 3/8", 48#, S-80 csg  
Set @ 295' w/325 sx cmt.  
Circulated to surface.

9 5/8", 36#, J-55 Csg  
Set @ 2340' w/1015 sx cmt.  
Circulated to surface

TOL @ 3249'

7 7/8", 26.4#, N-80/J-55 Csg  
Set @ 3498' w/170 sx cmt.  
TOC @ 35' by TS

Completion Data:

Perf 5155'-5246'. Acdz w/1000 gals MCA (7.5%). Perf 5145'-5155' Acdz w/1000 gals 15% NEA.

Subsequent Operations:

6/55 -- Plugback to 5228' w/hydromite. Acdz w/2000 gals 15% NEA.

1/66 -- Clean out to 5238'. Acdz w/1000 gals 15% NEA.

6/69 -- Acdz w/1000 gals 15% NEA.

2/76 -- Swedged out 7 5/8" csg @ 15'.

6/94 -- SI.

Rustler	1020'	Penrose	3200'
Base Salt	2150'	Grayburg	3413'
Yates	2365'	San Andres	3780'
7 Rvrs	2636'	Glorieta	5078'
Queen	3097'		

5 1/2", 15.5#, J-55 Liner  
Set @ 5249' w/200 sx cmt.  
TOC @ 3429

TD 5250'

Well Name: G. C. Mathews #10Field: Monument PaddockLocation: 1650' FSL & 2310' FELSec: 6Formation: PaddockTownship: 20SCounty: LeaAPI #: 30-025-05951Range: 37EState: NMChevno: FA7073GE: 3569 KDB to GE: \_\_\_\_\_ DF to GE: \_\_\_\_\_

Spud Date: \_\_\_\_\_

Completion Date: \_\_\_\_\_

Aug-54

Initial Formation: \_\_\_\_\_

Paddock

Interval Completed: \_\_\_\_\_

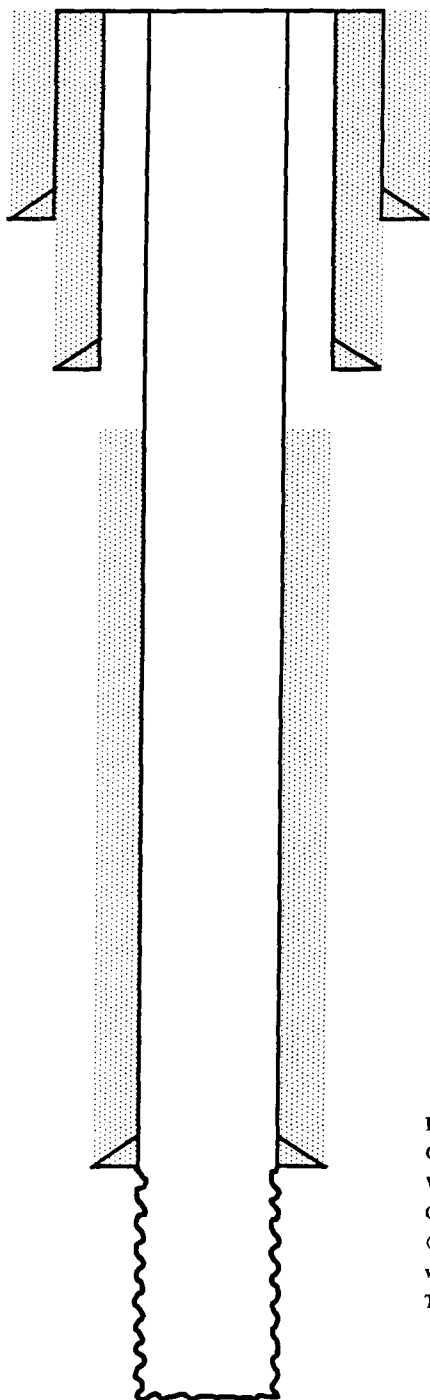
From: 5149 To: 5250

Initial Production: \_\_\_\_\_

BOPD: \_\_\_\_\_

MCFPD: \_\_\_\_\_

BWPD: \_\_\_\_\_



Hole  
OD 13 3/8"  
Wt. \_\_\_\_\_  
Gr. \_\_\_\_\_  
@ 414  
w/ 475  
TOC Surface

Completion Data: \_\_\_\_\_

Perf 5240'-44'. Acid w/ 500 gals.Acid 5149'-5250 w/ 500 gals.Perf 5228'-33'. Acid w/ 1000 gals 15% NE

Hole  
OD 9 5/8"  
Wt. \_\_\_\_\_  
Gr. \_\_\_\_\_  
@ 2899  
w/ 1750  
TOC Surface

Subsequent Workovers/Reconditionings/Repairs: \_\_\_\_\_

6/94 SI

Hole  
OD 7"  
Wt. \_\_\_\_\_  
Gr. \_\_\_\_\_  
@ 5149  
w/ 310  
TOC 3125' by TS

TD = 5250'

Additional Remarks or Information: \_\_\_\_\_

# WELL DATA SHEET

**FIELD:** Monument Blinebry

**WELL NAME:** G. C. Matthews #11

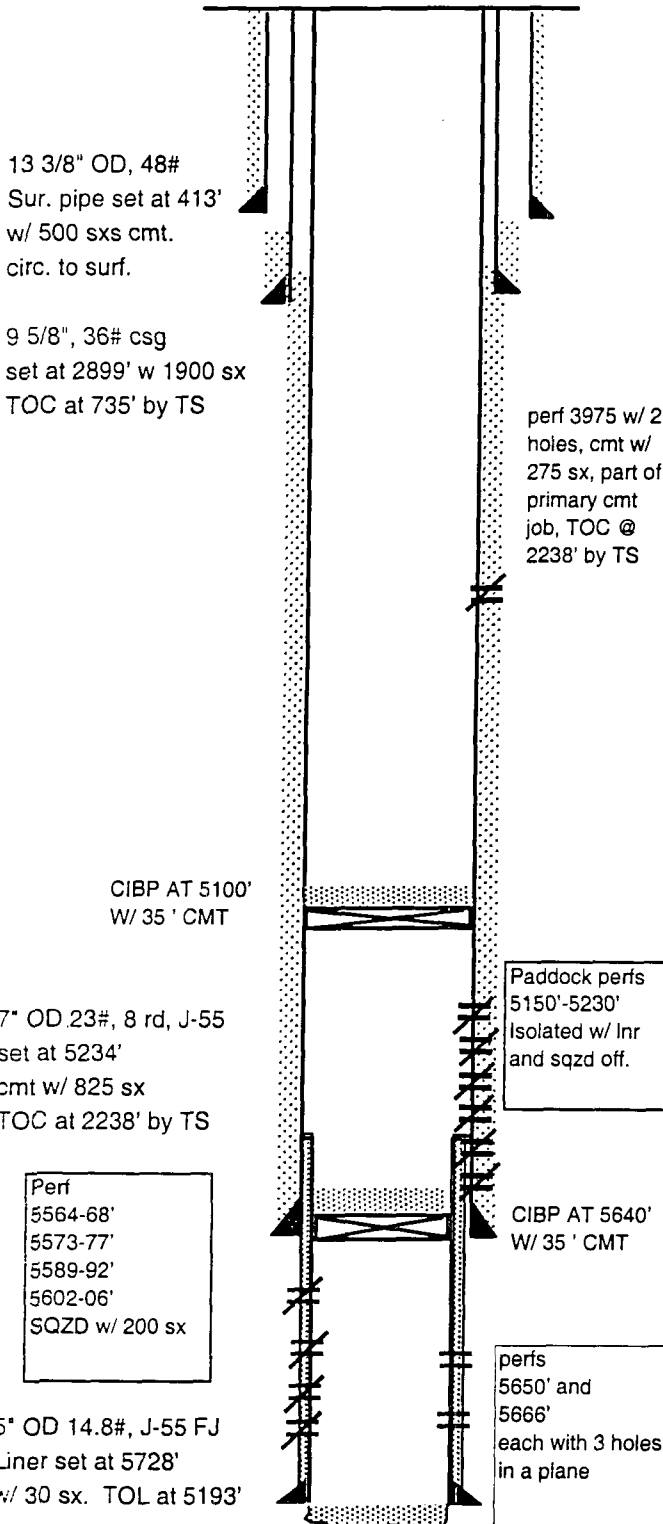
**FORMATION:** Blinebry

**LOC:** 2310' FSL & 990' FEL  
**TOWNSHIP:** 20-S  
**RANGE:** 37-E

**SEC:** 6, Unit I  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3558'  
**DF to GL:** 12'

**CURRENT STATUS:** TA'd  
**API NO:** 30-025-05952  
**CHEVNO:** FA7074



<b>Date Completed:</b>	#####
<b>Initial Production:</b>	130 BOPD, no wtr
<b>Initial Formation:</b>	Paddock
<b>FROM:</b>	5150'
<b>TO:</b>	5230'

## Well History

10/54 Perf. 5150-5230' w/ 4 JSPF. Acdz w/ 2500 gal 15% HCl. Flowed 1230 BOPD, no wtr

8/57 Plugged bacd to 5205' w/ hydromite. Acdz perms 5150-5205' w/ 4000 gal 15%. Flow 103 BO, 22 BWPD, GOR 8541.

6/59 ETP

6/62 Deepened w/ 6 1/8" bit from 5234' to 5750', now TD. Ran 5" OD Hydril 14.8#, J-55 FJ liner from 5728 to 5193' (TOL). Cmt w/ 30 sx. Circulated. Perf Blinebry 5564-68', 5573-77', 5588-92', 5602-06' w/ 2 JSPF. Attempted to acdz but communicated to liner top. Perf liner at 5550' & circulated cmt to liner top and sqzd. DO lnr & test to 2,000 psi. Acdz perms, swab 100% wtr. Sqzd perms 5564-5606' w/ 200 sx. Re-sqzd w/ 155 sx. DO to 5730, FBTD, test to 2,000 psi, OK. Perf 5650' and 5666' with 3 JH in a plane. Acdz w/ 500 gal. Flowed 221 BO in 10 hrs. Set Model 'D' pkr at 5635' on WL. Dual completed. Acdz Paddock w/ 500 gal 15%.

2/64 ETP Blinebry.

4/66 Acdz Paddock w/ 1000 gal

3/71 Acdz Paddock w/ 1000 gal.

5/79 Repair tbg leak. Acdz Paddock using RBP & pkr w/ 1500 gal 15%

7/82 Chemical Sqz Blinebry w/ Corrosion Inhibitor

2/83 Repair tbl leak & return to production

7/85 Sqzd Paddock perms twice w/ 300 sx. Removed Model 'D' pkr. Acdz Blinebry w/ 500 gal 15% NEFE HCl. Paddock P&A'd. Blinebry completion only.

## FORMATION TOPS: Rustler 1035

T/ Salt 1070  
 B/ Salt 2190  
 Yates 2392  
 Queen 3065  
 Grayburg 3430  
 Glorieta (Paddock) 5098  
 Blinebry 5310

# WELL DATA SHEET

**FIELD:** Eunice Monument

**WELL NAME:** G. C. Matthews #12

**FORMATION:** Yates

**LOC:** 330' FSL & 990' FEL  
**TOWNSHIP:** 20S  
**RANGE:** 37E

**SEC:** 6  
**COUNTY:** Lea  
**STATE:** NM

**GL:** 3556'  
**KB to GL:** 11'  
**DF to GL:**

**CURRENT STATUS:**  
**API NO:** 30-025-05953  
**REFNO:** FA7075

**Date Completed:** 10/26/54

**Initial Formation:**

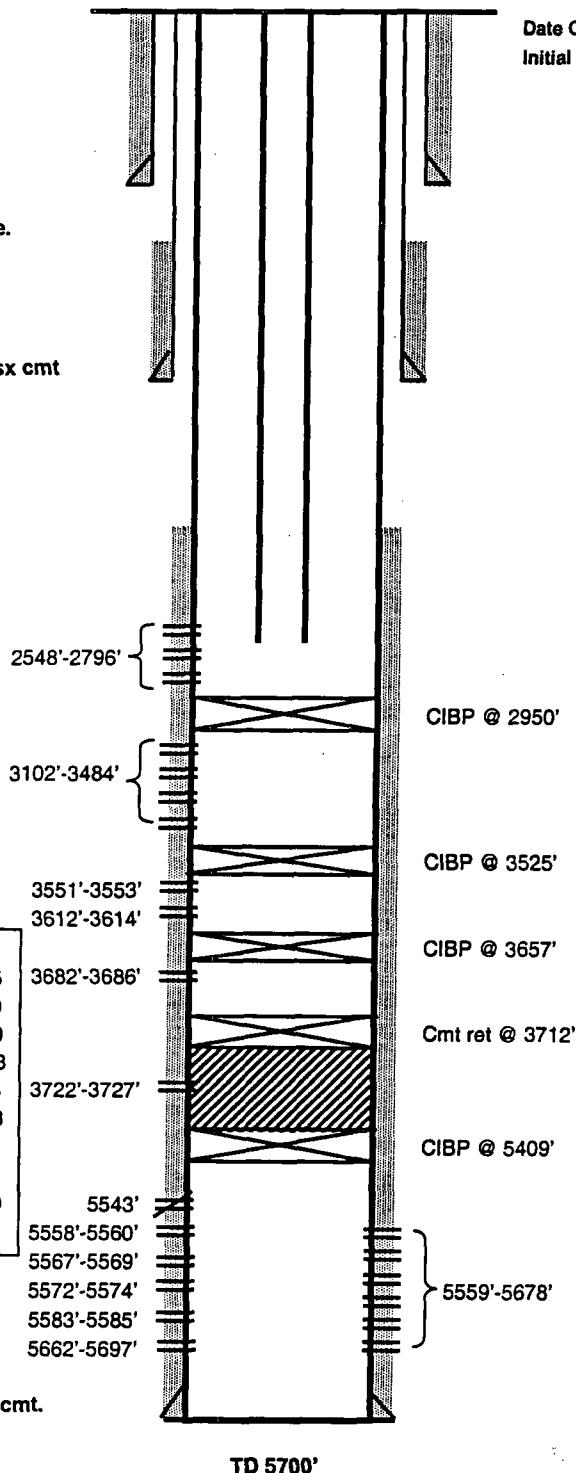
13-3/8" OD, 48#  
Surf Pipe set @ 408'  
W/400 sx cmt  
Circulated to surface.

9 5/8" OD, 36# Csg  
Set @ 2899' w/1575 sx cmt  
TOC @ 420' by TS.

## Formation Tops

Rustler	1025
T/Salt	1080
B/Salt	2040
Yates	2423
7-Rivers	2723
Queen	3093
Grayburg	3392
San Andres	3760
Glorieta	5070
Blaine	5658

7" OD, 20 & 23# Csg  
Set @ 5699' w/400 sx cmt.  
TOC @ 2100' by TS.



## Completion Data:

Perf 7" csg @ 5662'-5697' w/4 1/2" JHPF. Acdz w/1000 gals 15% NE acid. Swb & well kicked off flowing.

## Subsequent Operations:

**08/61** CO 5626'-5697'. Acdz w/1000 gals 15% NEA.  
**07/62** Perf 5583'-5585', 5572'-5574', 5567'-5569', & 5558'-5560'. Acdz 5558'-5583' w/750 gals 15% NEA. Swb dry, rec 20 bw & no oil. Acdz w/3000 gals 15% NEA. Swb 90 bw, no oil. Set CIBP @ 5550' & perf 5543'. Set ret @ 5500' & obtain 5000# sqz. Drill out BP & ret. Found bottom @ 5680'. Perf 5661'-5678' w/4 holes in following intervals: 5661'-62', 5665'-66', 5669'-70', 5673'-74', 5677'-78' & flat plans @ 5584', 5573', 5568', & 5559'. Acdz perfs 5661'-78' w/500 gals 15% NEA. Acdz perfs 5559'-84' w/1000 gals reg NEA. Swb 104 bw & no oil. Pull tbg & cap well.

**11/70** Set CIBP @ 5409', PBTD @ 5400'. Perf 7" csg @ 3722'-27' w/8 1/2" JH. Spotted 500 gals 15% NEA on bottom. Set cmt ret @ 3712'. Sqz perfs 3722'-27' w/150 sx cmt. Perf 7" csg 3682'-86' w/2 1/2" JHPF, 8 holes. Pmp fresh acid across perfs. Set model K BP @ 3657', PBTD @ 3650'. Perf 7" csg @ 3612'-14', 3551'-53', 3482'-84', & 3425'-27' w/2 1/2" JHPF. Acdz w/3000 gals 15% NEA, used 20 sealers.

**03/71** Scale treat.

**04/78** Swb tst perfs 3425'-3614'. Set CIBP @ 3525'. Install prod test equip. Pumped all water. POH w/rods & pmp. Well TA.

**06/97** PU 106 jts tbg, tag @ 3390'. TOH w/tbg. Perf @ 3282'-84', 3272'-74', 3260'-62', 3246'-48', 3230'-32', 3220'-22', 3196'-98', 3169'-71', 3148'-50', 3120'-22', 3102'-04' w/1 JHPF. 22 holes total. Acdz perfs 3102'-3284' w/1600 gals 15% and 40 1.3 RCNBs. Frac w/838 bbls gel, 677 bbls CO2 & 181,000# 12/20 sand. CO sand f/3252' to 3386'.

**07/97** Set CIBP @ 2950'. Perf 2796', 2794', 2790', 2788', 2748', 2746', 2716', 2718', 2602', 2600', 2590', 2588', 2550', & 2548' w/4" csg guns, 1/JHPF. Acdz w/1500 gals, dropping 40 RCNBs. Frac w/57,500 gals 75/60/50 Quality CO2 foam & 169,800# 12/20 Brady sand.





# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON

Governor

Jennifer A. Salisbury

Cabinet Secretary

Lori Wrotenbery

Director

Oil Conservation Division

October 26, 2000

Chevron U.S.A. Production Company  
P. O. Box 1150  
Midland, Texas 79702

Attention: Lloyd V. Trautman

Re: *Application for administrative approval for Chevron U.S.A. Production Company's existing G. C. Matthews Well No. 12 (API No. 30-025-05953) located 330' FSL & 990' FEL (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be deepened to the Undesignated West Monument-Tubb Gas Pool and completed at the above-described unorthodox gas well location within the SE/4 of Section 6, being a standard 160-acre gas spacing and proration unit for this pool.*

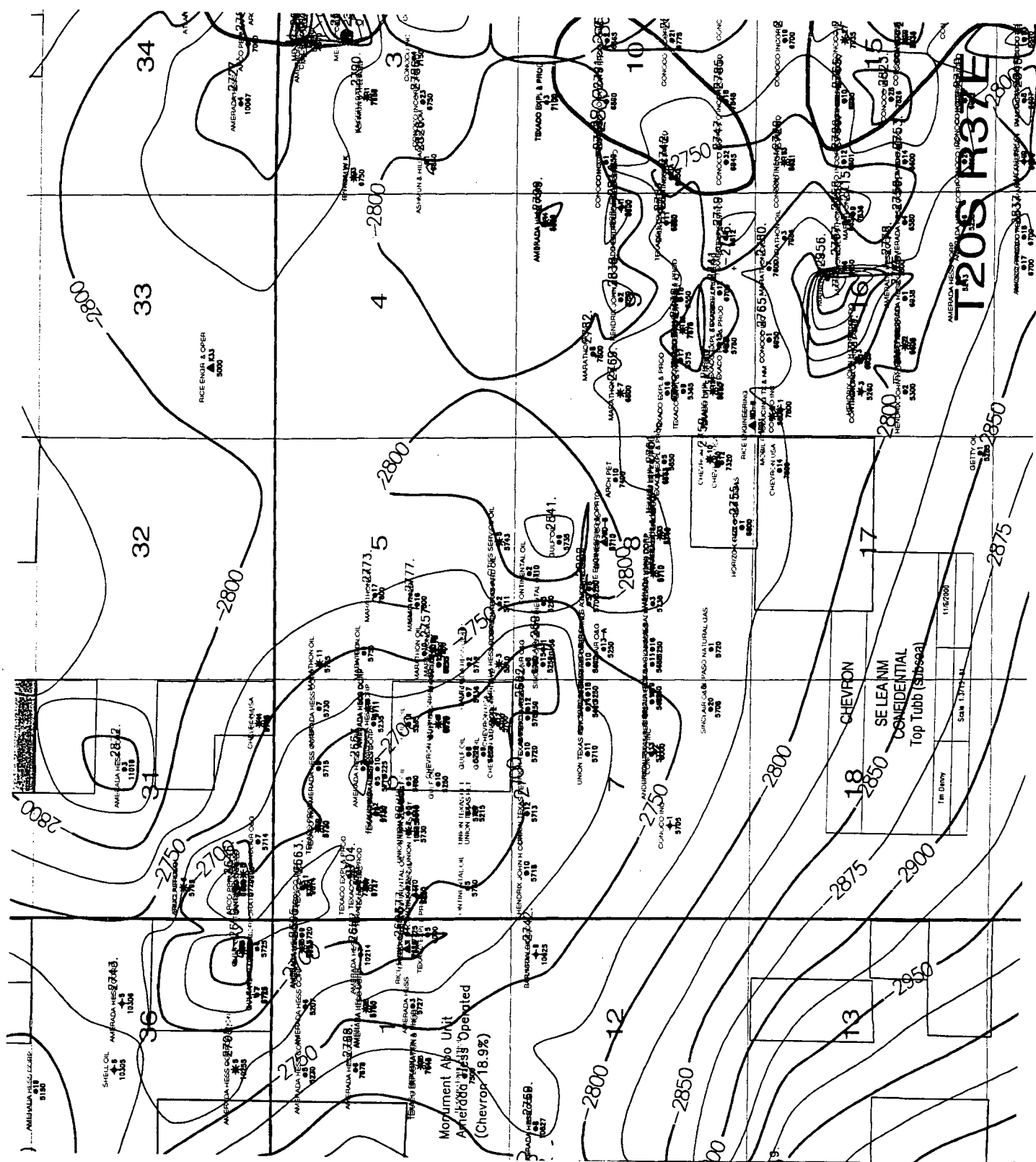
Dear Mr. Trautman:

In reviewing the subject application I can't help but notice the availability of several other Chevron owned wells within the SE/4 of Section 6 located at standard gas well locations that could be deepened or others that would require a recompletion to add the Tubb interval. Why was this well chosen?

Sincerely

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Hobbs



6

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● 15

● 11

● 14 ☉ 3

● 10

7

☉ 3

● 1

● 11

29347457 NSL 11/6/00



October 11, 2000

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico

OCT 17 2000

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn.: Ms. Lori Wrotenbery  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Ms. Wrotenbery:

Chevron USA respectfully requests your approval of this administrative application for the subject non-standard gas well location in the Monument Tubb West Pool.

The G. C. Matthews #12 (30-025-05953) was drilled and completed in October, 1954, as a Paddock well in the Monument Paddock Field. The well has been completed in the Grayburg and the Eumont. The most recent work was in 1997 when the Yates was completed. See the attached wellbore schematic for the history of the well. The #12 well currently is shut-in. This well was drilled as a standard location for the Paddock at 330' from the lease line, but is a non-standard location for the Tubb gas.

The Cross Timbers Barber Bertha #12 (30-025-05978) well is located at 330' FNL and 660' FEL of Section 7, T20S, R37E and is the south offset to Chevron's #12 well. The G. C. Matthews #12 well will be deepened from 5700' to 6500' and then completed in the Tubb. The cost to do this is significantly less than to drill a new well.

A copy of this Application was sent to each of the offset operators. All notices were sent by certified mail.

Attachments include: map, wellbore schematic, C-102 plat, list of offset operators, and a copy of the notification letter sent. If you have any questions or require any further information concerning this application, please contact me at (915) 687-7152.

Sincerely,

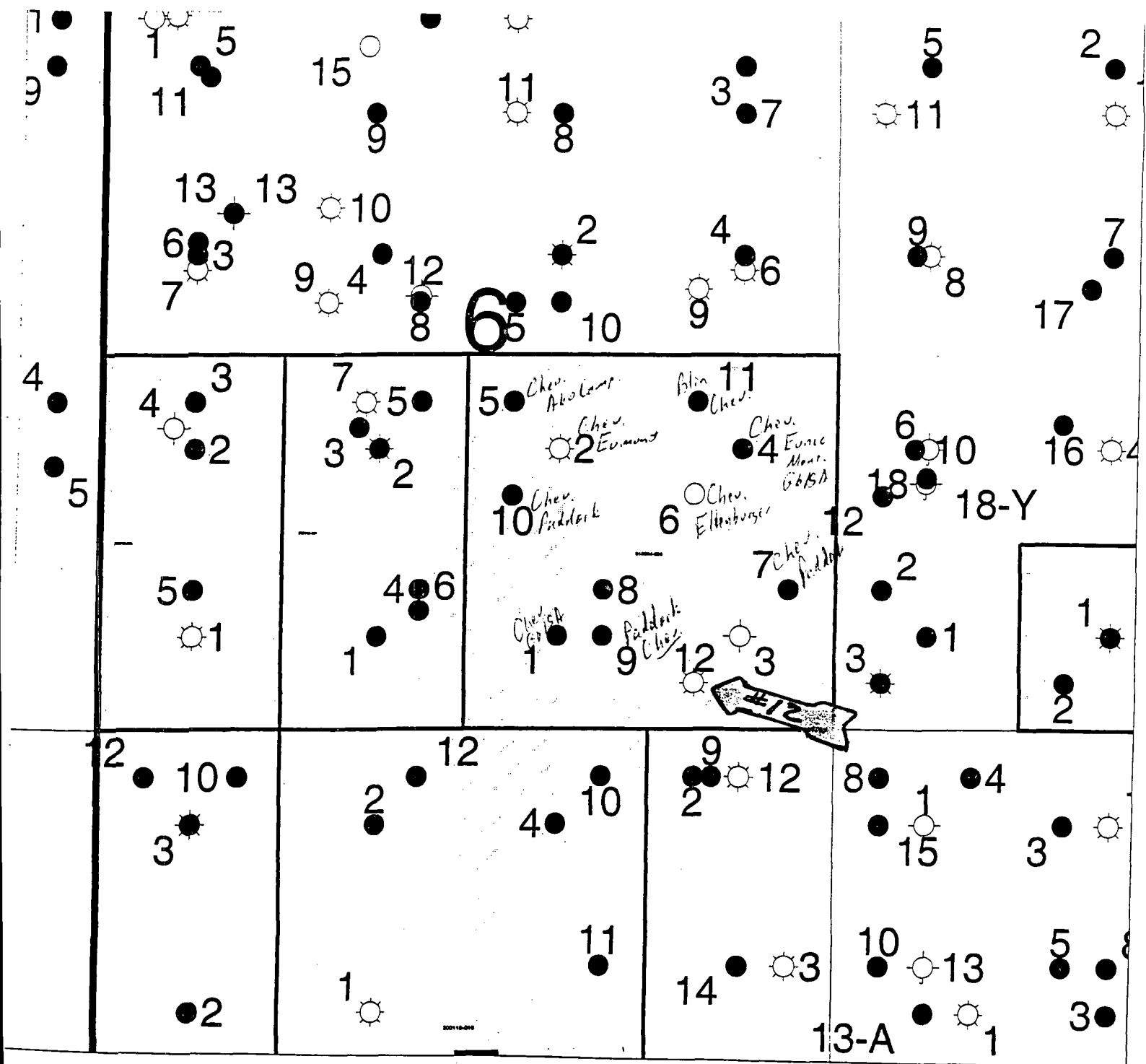
A handwritten signature in cursive script, reading "Lloyd V. Trautman". The signature is written in black ink and is positioned above the typed name.

Lloyd V. Trautman  
Sr. Petroleum Engineer  
New Mexico Area

lvt  
Attachments

cc: NMOCD -- Hobbs, NM  
J. K. Ripley  
T. R. Denny  
L. V. Trautman  
R. M. Vaden  
Central Files

Administrative Application For  
 Non-Standard Gas Well Location  
 Chevron USA Production Co.  
 G. C. Matthews #12  
 Surface Loc. 330' FSL & 990' FEL  
 Section 6, T20S, R37E  
 Monument Tubb West Pool  
Lea County, New Mexico



# WELL DATA SHEET

FIELD: Eumont

WELL NAME: G. C. Matthews #12

FORMATION: Yates

LOC: 330' FSL & 990' FEL  
TOWNSHIP: 20S  
RANGE: 37E

SEC: 6  
COUNTY: Lea  
STATE: NM

GL: 3556'  
KB to GL: 11'  
DF to GL:

CURRENT STATUS: SI  
API NO: 30-025-05953  
REFNO:

Date Completed: 10/26/54

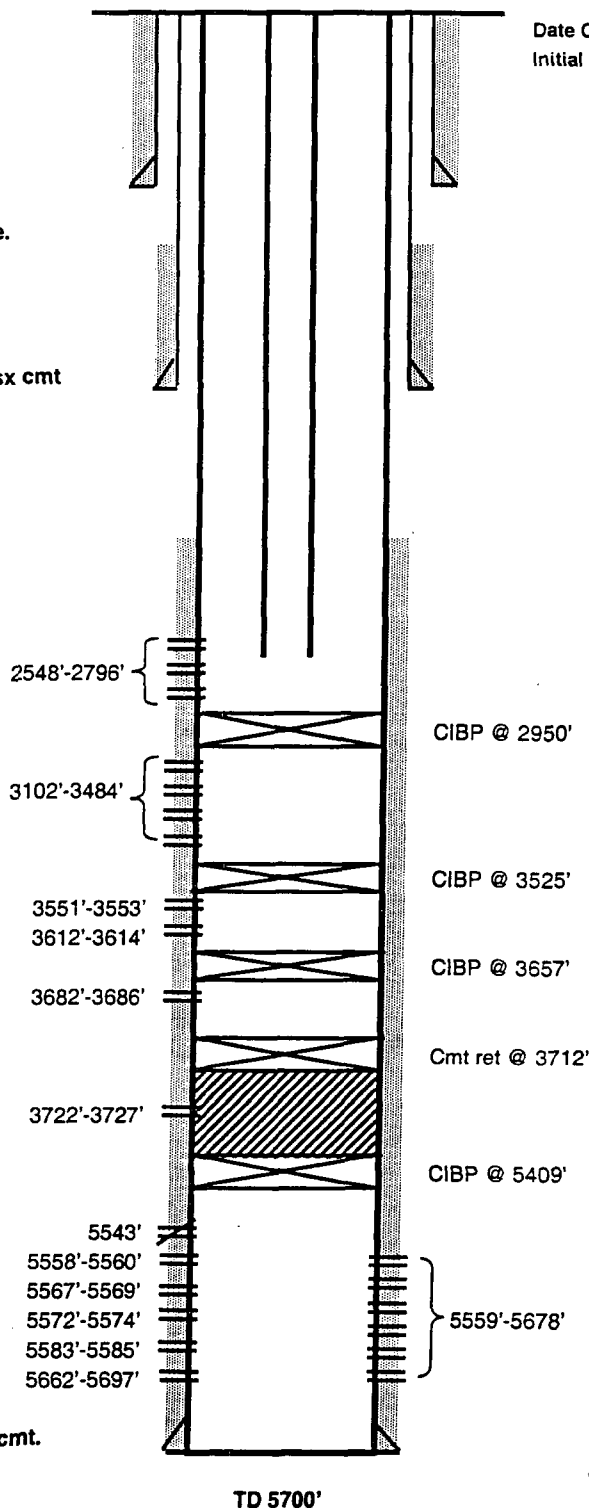
Initial Formation:

**Completion Data:**

Perf 7" csg @ 5662'-5697' w/4 1/2" JHPF. Acdz  
w/1000 gals 15% NE acid. Swb & well kicked off  
flowing.

13-3/8" OD, 48#  
Surf Pipe set @ 408'  
W/400 sx cmt  
Circulated to surface.

9 5/8" OD, 36# Csg  
Set @ 2899' w/1575 sx cmt  
TOC @ 420' by TS.



Formation Tops	
Rustler	1025
T/Salt	1080
B/Salt	2040
Yates	2423
7-Rivers	2723
Queen	3093
Grayburg	3392
San Andres	3760
Glorieta	5070
Blaine	5658

7" OD, 20 & 23# Csg  
Set @ 5699' w/400 sx cmt.  
TOC @ 2100' by TS.

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

State of New Mexico  
Energy, Minerals & Natural Resources Department

Form C-102  
Revised March 17, 1999

District II  
811 South First, Artesia, NM 88210

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

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

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

District IV  
2040 South Pacheco, Santa Fe, NM 87505

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-05953	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name Monument; Tubb West
<sup>4</sup> Property Code 2688	<sup>5</sup> Property Name G. C. Mathews	<sup>6</sup> Well Number 12
<sup>7</sup> OGRID No. 4323	<sup>8</sup> Operator Name Chevron	<sup>9</sup> Elevation 3556

<sup>10</sup> Surface Location

UL or lot no. P	Section 6	Township 20S	Range 37E	Lot Idn	Feet from the 330	North/South line South	Feet from the 990	East/West line East	County Lea
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<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 160	<sup>13</sup> Joint or Infill N	<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

16					<sup>17</sup> OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief  Lloyd V. Trautman Signature Lloyd V. Trautman Printed Name Sr Pet Eng. Title 10/11/2000 Date
					<sup>18</sup> SURVEYOR CERTIFICATION 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 Surveyer:  Certificate Number

#12 990' 330'



**Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico**

**Offset Operators**

Amerada Hess Corporation  
500 Dallas Street, Level 2  
Houston, TX 77002

Cross Timbers Operating Company  
3000 N. Garfield  
Suite 250  
Midland, TX 79705

Marathon Oil Company  
125 West Missouri Ave  
Midland, TX 79701

Rice Engineering  
122 West Taylor  
Hobbs, NM 88240

Texaco Exploration and Production Inc.  
P.O. Box 3109  
Midland, TX 79702

Falcon Creek Resources Inc.  
621 17<sup>th</sup> Street  
Suite 1800  
Denver, CO 80293-0621



**Chevron**

October 11, 2000

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

Administrative Application For  
Non-Standard Gas Well Location  
Chevron USA Production Co.  
G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico

(Offset Operator)

Ladies/Gentlemen:

Attached is a copy of an administrative application for a non-standard Monument Tubb West gas well location.

Chevron U.S.A. is planning to deepen the existing G. C. Matthews #12, which is at a non-standard location for the Monument Tubb West Pool.

Any objections to this application must be filed with the New Mexico Oil Conservation Division within 20 days after the Division has received the application.

If you have any questions regarding this application, please contact Lloyd Trautman at (915) 687-7152.

Sincerely,

**COPY**

Lloyd V. Trautman  
Sr. Petroleum Engineer  
New Mexico Area

Attachments

cc: Central Files - Lease and Well Files



**Chevron**

**Chevron U.S.A. Production Company**  
P.O. Box 1150  
Midland, TX 79702

October 19, 2000

G. C. Matthews #12  
Surface Loc. 330' FSL & 990' FEL  
Section 6, T20S, R37E  
Monument Tubb West Pool  
Lea County, New Mexico

OCT 25 2000

State of New Mexico  
Energy, Minerals & Natural Resources Dept.  
Oil Conservation Division  
Attn.: Ms. Lori Wrotenbery  
2040 South Pacheco  
Santa Fe, New Mexico 87505

Dear Ms. Wrotenbery:

Chevron recently submitted an application for a non-standard gas well location on the subject well; however, the "Administrative Application Coversheet" was inadvertently not included. Please include the enclosed coversheet with the aforementioned application.

I apologize for the inconvenience this may have caused. If you need further information, feel free to contact me at (915) 687-7152.

Sincerely,

Lloyd V. Trautman  
Senior Petroleum Engineer  
New Mexico Area

/trk

DATE IN	SUSPENSE	ENGINEER	LOGGED	TYPE
---------	----------	----------	--------	------

ABOVE THIS LINE FOR DIVISION USE ONLY

**NEW MEXICO OIL CONSERVATION DIVISION**  
- Engineering Bureau -

**ADMINISTRATIVE APPLICATION COVERSHEET**

THIS COVERSHEET IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS

**Application Acronyms:**

[NSP-Non-Standard Proration Unit] [NSL-Non-Standard Location]  
[DD-Directional Drilling] [SD-Simultaneous Dedication]  
[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]  
[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]  
[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]  
[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]  
[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]

[1] **TYPE OF APPLICATION** - Check Those Which Apply for [A]

[A] Location - Spacing Unit - Directional Drilling

(NSL) NSP DD SD

Check One Only for [B] and [C]

[B] Commingling - Storage - Measurement

DHC CTB PLC PC OLS OLM

[C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery

WFX PMX SWD IPI EOR PPR

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply

[A] Working, Royalty or Overriding Royalty Interest Owners

(B) (Offset Operators) Leaseholders or Surface Owner

[C] Application is One Which Requires Published Legal Notice

[D] Notification and/or Concurrent Approval by BLM or SLO

U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office

(E) For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] Waivers are Attached

[3] **INFORMATION / DATA SUBMITTED IS COMPLETE** - Statement of Understanding

I hereby certify that I, or personnel under my supervision, have read and complied with all applicable Rules and Regulations of the Oil Conservation Division. Further, I assert that the attached application for administrative approval is accurate and complete to the best of my knowledge and where applicable, verify that all interest (WI, RI, ORRI) is common. I understand that any omission of data, information or notification is cause to have the application package returned with no action taken.

Note: Statement must be completed by an individual with supervisory capacity.

Lloyd V. Trautman  
Print or Type Name

Lloyd V. Trautman  
Signature

Sr Pet Eng  
Title

10/19/00  
Date



# NEW MEXICO ENERGY, MINERALS and NATURAL RESOURCES DEPARTMENT

GARY E. JOHNSON  
Governor  
Jennifer A. Salisbury  
Cabinet Secretary

Lori Wrotenberg  
Director  
Oil Conservation Division

October 26, 2000

Chevron U.S.A. Production Company  
P. O. Box 1150  
Midland, Texas 79702

Attention: Lloyd V. Trautman

Re: *Application for administrative approval for Chevron U.S.A. Production Company's existing G. C. Matthews Well No. 12 (API No. 30-025-05953) located 330' FSL & 990' FEL (Unit P) of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be deepened to the Undesignated West Monument-Tubb Gas Pool and completed at the above-described unorthodox gas well location within the SE/4 of Section 6, being a standard 160-acre gas spacing and proration unit for this pool.*

Dear Mr. Trautman:

In reviewing the subject application I can't help but notice the availability of several other Chevron owned wells within the SE/4 of Section 6 located at standard gas well locations that could be deepened or others that would require a recompletion to add the Tubb interval. Why was this well chosen?

Sincerely

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division – Hobbs

**Stogner, Michael**

---

**From:** Stogner, Michael  
**Sent:** Thursday, October 26, 2000 2:45 PM  
**To:** Williams, Chris  
**Cc:** Pitzer, Donna; Peterson, Marie; Kautz, Paul  
**Subject:** Bertha J. Barber #12

In reviewing an NSL request for Chevron in P-6-T20S-R37E, Und. West Monument-Tubb Gas Pool, Lea County, I found that I was in need of additional information on an offset well in Section 7 that I couldn't find here in Santa Fe.

The Santa Fe well file shows that the Falcon Creek Resources, Inc. Bertha J. Barber Well No. 12 (API No. 30-025-05978) is located at an unorthodox gas well location 330' FNL & 660' FEL (Unit A) of Section 7 and its acreage dedication is the E/2 E/2 of Section 7, which is a non-standard gas spacing and proration unit pursuant to Division Rule 104.C (3). I have looked all over and can't find approval for either the unorthodox gas well location or this non-standard unit. What does your records show? Sorry for the inconvenience.

a well producing from this pool that



STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION

2040 S. PACHECO  
SANTA FE, NEW MEXICO 87505  
(505) 827-7131

January 2, 1997

Chevron U.S.A. Inc.  
P. O. Box 1150  
Midland, Texas 79702  
Attn: A. W. Bohling

*Administrative Order NSL-3752(SD)*

Dear Mr. Bohling:

Reference is made to your application dated December 4, 1996 for an unorthodox Eumont gas well location in an existing non-standard 160-acre gas spacing and proration unit ("GPU") for said Eumont Gas Pool comprising the SE/4 of Section 6, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico. Said GPU was established by Division Administrative Order NSP-312, dated September 7, 1956, and had dedicated thereon the G. C. Matthews Well No. 2 (API No. 30-025-12721), located at a standard gas well location 1980 feet from the South and East line (Unit J) of said Section 6.

It is our understanding that the subject well to be considered in this application is currently a producing oil well in the Eunice Monument-Grayburg San Andres Pool and upon issuance of this order will be recompleted up-hole into the Eumont Gas Pool.

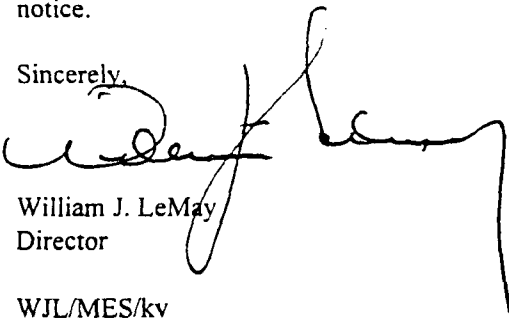
By authority granted me under the provisions of **Rule 2(d)** of the "*Special Rules and Regulations for the Eumont Gas Pool*", as promulgated by Division Order No. R-8170, as amended, the following described well located at an unorthodox Eumont gas well location is hereby approved:

*G. C. Matthews Well No. 12  
330' FSL & 990' FEL (Unit P) of said Section 6  
API No. 30-025-05953.*

Also, you are hereby authorized to simultaneously dedicate Eumont gas production from both the G. C. Matthews Well Nos. 2 and 12. Furthermore, you are hereby permitted to produce the allowable assigned the subject GPU from both wells in any proportion.

All provisions of said Division Administrative Order NSP-312 shall remain in full force and effect until further notice.

Sincerely,

  
William J. LeMay  
Director

WJL/MES/kv

cc: Oil Conservation Division - Hobbs  
NSP-312

CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

10/26/00 13:51:16  
OGOMES -TPV  
PAGE NO: 1

Sec : 06 Twp : 20S Rng : 37E Section Type : NORMAL

4 38.81  Fee owned U A A A	3 40.16  Fee owned U P A A	2 40.18  Fee owned U A A P	1 40.19  Fee owned U A P
5 38.80  Fee owned U A A P A	F 40.00  Fee owned U A A	G 40.00  Fee owned U A A A	H 40.00  Fee owned U A A

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



CMD :  
OG5SECT

ONGARD  
INQUIRE LAND BY SECTION

10/26/00 13:51:26  
OGOMES -TPV  
PAGE NO: 2

Sec : 06 Twp : 20S Rng : 37E Section Type : NORMAL

6 38.94  Federal owned A A	K 40.00  Federal owned A A	J 40.00  Fee owned A A A	I 40.00  Fee owned A A A
7 39.07  Federal owned A A	N 40.00  Federal owned A A A	O 40.00  Fee owned A A	P 40.00  Fee owned A A

PF01 HELP  
PF07 BKWD

PF02  
PF08 FWD

PF03 EXIT  
PF09 PRINT

PF04 GoTo  
PF10 SDIV

PF05  
PF11

PF06  
PF12

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

10/26/00 13:53:09  
OGOMES -TPV

API Well No : 30 25 5953    Eff Date : 06-11-1997    WC Status : A  
Pool Idn : 76480 EUMONT;YATES-7 RVRs-QUEEN (PRO GAS)  
OGRID Idn : 4323 CHEVRON U S A INC  
Prop Idn : 2688 G C MATTHEWS

Well No : 012  
GL Elevation: 3556

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
B.H. Locn : P	6	20S	37E	FTG	330 F S	FTG 990 F E	A

Lot Identifier:  
Dedicated Acre: 160.00  
Lease Type : P  
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

E6317: No more recs. for this api well no.

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

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

10/26/00 14:05:23  
OGOMES -TPG1

API Well No : 30 25 5978 Eff Date : 04-01-2000 WC Status : A  
Pool Idn : 96968 MONUMENT;TUBB, WEST (GAS)  
OGRID Idn : 169415 FALCON CREEK RESOURCES, INC.  
Prop Idn : 25641 BERTHA J BARBER

Well No : 012  
GL Elevation: 3557

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
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B.H. Locn	:	A	7	20S	37E	FTG 330 F N FTG 660 F E	A
-----------	---	---	---	-----	-----	-------------------------	---

Lot Identifier:

Dedicated Acre: 160.00

Lease Type : P

Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :

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

CMD : ONGARD 10/26/00 14:20:28  
OG6ACRE C102-DEDICATE ACREAGE OGOMES -TPGI  
Page No : 1

API Well No : 30 25 5978 Eff Date : 08-16-1999  
Pool Idn : 96968 MONUMENT;TUBB, WEST (GAS)  
Prop Idn : 25641 BERTHA J BARBER Well No : 012  
Spacing Unit : 52370 OCD Order : Simultaneous Dedication:  
Sect/Twp/Rng : Acreage : 160.00 Revised C102? (Y/N) :  
Dedicated Land:

S	Base	U/L	Sec	Twp	Rng	Acreage	L/W	Ownership	Lot	Idn
	A		7	20S	37E	40.00	N	FE		
	H		7	20S	37E	40.00	N	FE		
	I		7	20S	37E	40.00	N	FE		
	P		7	20S	37E	40.00	N	FE		

E0005: Enter data to modify or PF keys to scroll

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

## 104 WELL SPACING AND LOCATION

### 104.A. CLASSIFICATION OF WELLS: WILDCAT AND DEVELOPMENT WELLS

#### (1) Wildcat Wells:

##### (a) San Juan, Rio Arriba, Sandoval, and McKinley Counties

Any well to be drilled the spacing unit of which is a distance of 2 miles or more from:

- (i) the outer boundary of any defined pool that has produced oil or gas from the formation to which the well is projected; and
- (ii) any well which has produced oil or gas from the formation to which the proposed well is projected.  
[12-29-52...2-1-96]

##### (b) All Counties Except San Juan, Rio Arriba, Sandoval, and McKinley

Any well to be drilled the spacing unit of which is a distance of one mile or more from:

- (i) the outer boundary of any defined pool that has produced oil or gas from the formation to which the well is projected; and
- (ii) any well which has produced oil or gas from the formation to which the proposed well is projected.  
[12-29-52...2-1-96]

#### (2) Development Wells

- (a) Any well which is not a wildcat well as defined above shall be classified as a development well for the nearest pool which has produced oil or gas from the formation to which the well is projected. Such development well shall be spaced, drilled, operated, and produced in accordance with the rules in effect for that pool, provided the well is completed in that formation. [5-25-64...2-1-96]
- (b) Any well classified as a development well for a pool but which is completed in a producing formation not included in the vertical limits of that pool shall be operated and produced in accordance with the rules in effect for the nearest pool (within the 2 mile limit in San Juan, Rio Arriba,

County Lea Pool West Monument-Tubb Gas

TOWNSHIP 20 South Range 37 East NMPM

6	5	4	3	2	1	
7	8	9	10	11	12	
18	17	16	15	14	13	
19	20	21	22	23	24	
30	29	28	27	26	25	
31	32	33	34	35	36	

Description:  $\frac{E}{2}$  Sec. 7 (R-11304, 1-12-00)

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 12321  
Order No. R-11304

THE APPLICATION OF THE OIL CONSERVATION  
DIVISION FOR AN ORDER CREATING AND  
EXTENDING CERTAIN POOLS IN LEA COUNTY,  
NEW MEXICO.

ORDER OF THE DIVISION

BY THE DIVISION:

This case came on for hearing at 8:15 a.m. on January 6, 2000, in Santa Fe, New Mexico, before Examiner Michael E. Stogner.

NOW, on this 17<sup>th</sup> day of January, 2000, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner,

FINDS THAT:

(1) Due public notice has been given and the Division has jurisdiction of this case and its subject matter.

(2) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Upper Silurian formation, bearing the designation of North Fowler-Upper Silurian Pool. The North Fowler-Upper Silurian Pool was discovered by the Altura Energy Ltd. South Mattix Unit Federal Well No. 24 located in Unit O of Section 15, Township 24 South, Range 37 East, NMPM, which was completed in the Upper Silurian formation on June 18, 1999. The top of the perforations is at 7,118 feet.

(3) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Abo formation, bearing the designation of Southwest Lovington-Abo Pool. The Southwest Lovington-Abo Pool was discovered by the David H. Arrington Oil & Gas Inc. Brassie Well No. 1 located in Unit I of Section 33, Township 16 South, Range 36 East, NMPM, which was completed in the Abo formation on July 25, 1999. The top of the perforations is at 8,891 feet.

(4) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the McKee formation, bearing the designation of Maljamar-McKee Gas Pool. The Maljamar-McKee Gas Pool was discovered by the Mack Energy Corporation MC Federal Well No. 1 located in Unit E of Section 22, Township 17 South, Range 32 East, NMPM, which was completed in the McKee formation on October 15, 1999. The top of the perforations is at 14,805 feet.

(5) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Drinkard formation.. bearing the designation of North Monument-Drinkard Gas Pool. The North Monument-Drinkard Gas Pool was discovered by the Chevron USA Inc. Monument 13 State Well No. 17 located in Unit F of Section 13, Township 19 South, Range 36 East, NMPM, which was completed in the Drinkard formation on June 30, 1999. The top of the perforations is at 6,696 feet.

(6) There is need for the creation of a new pool in Lea County, New Mexico, for the production of gas from the Tubb formation, bearing the designation of West Monument-Tubb Gas Pool. The West Monument-Tubb Gas Pool was discovered by the Cross Timbers Operating Company Bertha J. Barber Well No. 12 located in Unit A of Section 7, Township 20 South, Range 37 East, NMPM, which was completed in the Tubb formation on August 21, 1999. The top of the perforations is at 6,364 feet.

(7) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the San Andres formation, bearing the designation of West Nadine-San Andres Pool. The West Nadine-San Andres Pool was discovered by the Capataz Operating Inc. Keach Well No. 1 located in Unit O of Section 4, Township 20 South, Range 38 East, NMPM, which was completed in the San Andres formation on April 22, 1999. The top of the perforations is at 4,224 feet.

(8) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Yates formation, bearing the designation of North Nadine-Yates Pool. The North Nadine-Yates Pool was discovered by the Xeric Oil and Gas Corporation Cain Well No. 2 located in Unit N of Section 14, Township 19 South, Range 38 East, NMPM, which was completed in the Yates formation on May 29, 1999. The top of the perforations is at 2,937 feet.

(9) There is need for the creation of a new pool in Lea County, New Mexico, for the production of oil from the Wolfcamp formation, bearing the designation of North Teague-Wolfcamp Pool. The North Teague-Wolfcamp Pool was discovered by the Texaco Exploration and Production Inc. R. R. Sims A Well No. 1 located in Unit N of Section 4, Township 23 South, Range 37 East, NMPM, which was completed in the Wolfcamp formation on May 18, 1999. The top of the perforations is at 7,246 feet.

(10) There is need for certain extensions to the Antelope Ridge-Atoka Gas Pool, the Antelope Ridge-Strawn Gas Pool, the South Big Dog-Strawn Pool, the Blinebry Oil and Gas Pool, the South Corbin-Bone Spring Pool, the DK-Abo Pool,



the EK-Delaware Pool, the Southwest Eunice-San Andres Pool, the Gem-Morrow Gas Pool, the Goodwin-Abo Pool, the Grama Ridge-Morrow Gas Pool, the North Hardy-Strawn Pool, the High Plains-Permo Upper Pennsylvanian Pool, the House-Drinkard Pool, the Johnson Ranch-Wolfcamp Gas Pool, the Klein Ranch-Morrow Gas Pool, the West Lovington-Strawn Pool, the West Midway-Upper Pennsylvanian Pool, the Teas-Delaware Pool, the North Vacuum-Atoka-Morrow Gas Pool, and the West Wantz-Abo Pool, all in Lea County, New Mexico.

IT IS THEREFORE ORDERED THAT:

(a) A new pool in Lea County, New Mexico, classified as an oil pool for Upper Silurian production is hereby created and designated as the North Fowler-Upper Silurian Pool, consisting of the following described area:

TOWNSHIP 24 SOUTH, RANGE 37 EAST, NMPM  
Section 15: SE/4

(b) A new pool in Lea County, New Mexico, classified as an oil pool for Abo production is hereby created and designated as the Southwest Lovington-Abo Pool., consisting of the following described area:

TOWNSHIP 16 SOUTH, RANGE 36 EAST, NMPM  
Section 33: SE/4

(c) A new pool in Lea County, New Mexico, classified as a gas pool for McKee production is hereby created and designated as the Maljamar-McKee Gas Pool, consisting of the following described area:

TOWNSHIP 17 SOUTH, RANGE 32 EAST, NMPM  
Section 22: W/2

(d) A new pool in Lea County, New Mexico, classified as a gas pool for Drinkard production is hereby created and designated as the North Monument-Drinkard Gas Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 36 EAST, NMPM  
Section 13: NW/4

(e) A new pool in Lea County, New Mexico, classified as a gas pool for Tubb production is hereby created and designated as the West Monument-Tubb Gas Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 7: E/2

(f) A new pool in Lea County, New Mexico, classified as an oil pool for San Andres production is hereby created and designated as the West Nadine-San Andres Pool, consisting of the following described area:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 4: SE/4

(g) A new pool in Lea County, New Mexico, classified as an oil pool for Yates production is hereby created and designated as the North Nadine-Yates Pool, consisting of the following described area:

TOWNSHIP 19 SOUTH, RANGE 38 EAST, NMPM

Section 14: SW/4

(h) A new pool in Lea County, New Mexico, classified as an oil pool for Wolfcamp production is hereby created and designated as the North Teague-Wolfcamp Pool, consisting of the following described area:

TOWNSHIP 23 SOUTH, RANGE 37 EAST, NMPM

Section 4: SW/4

(i) The Antelope Ridge-Atoka Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

Section 9: NW/4 and S/2

(j) The Antelope Ridge-Strawn Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 23 SOUTH, RANGE 34 EAST, NMPM

Section 9: W/2 and SE/4

Section 10: SW/4

Section 15: NW/4

(k) The South Big Dog-Strawn Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 16 SOUTH, RANGE 35 EAST, NMPM

Section 12: NW/4

(l) The Blinebry Oil and Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 25: S/2

(m) The South Corbin-Bone Spring Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
Section 27: SW/4

(n) The DK-Abo Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM  
Section 13: NE/4

TOWNSHIP 20 SOUTH, RANGE 39 EAST, NMPM  
Section 18: NW/4

(o) The EK-Delaware Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 18 SOUTH, RANGE 33 EAST, NMPM  
Section 24: SE/4  
Section 25: NE/4

(p) The Southwest Eunice-San Andres Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 22 SOUTH, RANGE 37 EAST, NMPM  
Section 15: NW/4  
Section 16: SE/4

(q) The Gem-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 19 SOUTH, RANGE 33 EAST, NMPM  
Section 28: E/2

(r) The Goodwin-Abo Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 18 SOUTH, RANGE 36 EAST, NMPM  
Section 36: NE/4

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
Section 6: NW/4

(s) The Grama Ridge-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 22 SOUTH, RANGE 34 EAST, NMPM  
Section 16: S/2

(t) The North Hardy-Strawn Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 30: SW/4

Section 31: NW/4

(u) The High Plains-Permo Upper Pennsylvanian Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 14 SOUTH, RANGE 34 EAST, NMPM

Section 27: N/2

(v) The House-Drinkard Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 38 EAST, NMPM

Section 13: SE/4

(w) The Johnson Ranch-Wolfcamp Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 24 SOUTH, RANGE 33 EAST, NMPM

Section 35: All

Section 36: W/2

TOWNSHIP 25 SOUTH, RANGE 33 EAST, NMPM

Section 4: E/2

Section 10: All

(x) The Klein Ranch-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 19 SOUTH, RANGE 35 EAST, NMPM


Section 27: S/2

Section 28: SE/4

(y) The West Lovington-Strawn Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 15 SOUTH, RANGE 35 EAST, NMPM

Section 35: SW/4

(z) The West Midway-Upper Pennsylvanian Pool in Lea County, New Mexico, is hereby extended to include: 

TOWNSHIP 17 SOUTH, RANGE 35 EAST, NMPM

Section 15: E/2

(aa) The Teas-Delaware Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 20 SOUTH, RANGE 33 EAST, NMPM

Section 2: SW/4

Section 3: SE/4

(bb) The North Vacuum-Atoka-Morrow Gas Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 17 SOUTH, RANGE 34 EAST, NMPM

Section 19: E/2

Section 20: NW/4

(cc) The West Wantz-Abo Pool in Lea County, New Mexico, is hereby extended to include:

TOWNSHIP 21 SOUTH, RANGE 37 EAST, NMPM

Section 30: N/2 and SW/4

IT IS FURTHER ORDERED THAT:

(1) Pursuant to Section 70-2-18, NMSA, 1978, an operator of any well that, by virtue of any of the above pool extensions, is subject to pool rules providing for spacing or proration units larger than the one presently dedicated thereto, shall have 60 days from the effective date of this order to file Form C-102 dedicating a standard unit for the pool to that well or to obtain a non-standard unit approved by the Division. Pending such compliance, the well shall receive a maximum allowable in the same proportion to a standard allowable for the pool that the acreage dedicated to the well bears to a standard unit for the pool. Failure to file Form C-102 dedicating a standard unit to the well or to obtain a non-standard unit approved by the Division within that 60-day period shall subject the well to cancellation of allowable.

(2) The effective date of this order and all creations and extensions included herein shall be February 1, 2000.

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



STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION

*Lori Wrotenberg*  
LORI WROTENBERY  
Director



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

October 29, 1999

Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298

Attention: Edwin S. Ryan, Jr.

*Re: Administrative application to establish a non-standard 80-acre spacing and proration unit for wildcat Tubb production comprising the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to the existing Bertha J. Barber Well No.13-Y (API No. 30-025-06027) located at a standard location 1980' FNL & 660' FWL (Unit E) of Section 8.*

Dear Mr. Ryan:

Pursuant to the rules governing the Monument-Tubb Pool [see Division Orders No. R-2800 and R-10128 and Division Rule 104.A], the subject application is unnecessary since 80-acre spacing is standard for the Tubb formation within Section 8.

Your application is hereby withdrawn and is being returned to you at this time.

Should you have any questions or comments concerning this matter, you may either contact me in Santa Fe at (505) 827-8185 or Mr. Paul Kautz in Hobbs at (505) 393-6161. Thank you.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

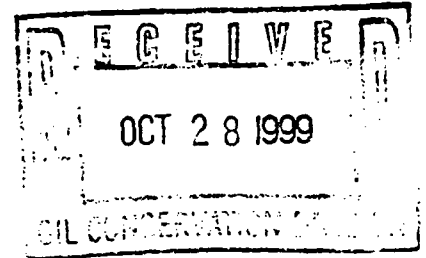
cc: New Mexico Oil Conservation Division - Hobbs  
Kathy Valdes, NMOCD - Santa Fe



# Cross Timbers Oil Company

October 27, 1999

Federal Express



Lori Wrotenbery, Director  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87501

Gentlemen:

Cross Timbers Operating Company hereby requests administrative approval of the following 80 acre non-standard proration unit (see attached Form C-102 plat):

B. J. Barber Well No. 13  
W/2 NW/4 (Unit E) Section 8-20S-37E  
Lea County, New Mexico  
Wildcat Tubb Pool

The non-standard proration unit is required as Cross Timbers' lease is limited to the W/2 NW/4 and SW/4 SW/4 and economics do not warrant the drilling of a new well to the Tubb formation. Cross Timbers plans to recompleate the B. J. Barber #13 well (100% working interest) which is temporarily abandoned in the Abo formation.

Notice of this application has been given to the offset operators as shown on the attached list by certified mail. We look forward to your approval and please feel free to call me at (817) 885-2336 with any questions.

Yours very truly,

Edwin S. Ryan, Jr.

cc: Erich Palko  
Darrin Steed - Midland



**NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT**

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

October 29, 1999

**Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298**

**Attention: Edwin S. Ryan, Jr.**

*Re: Administrative application to establish a non-standard 80-acre spacing and proration unit for wildcat Tubb production comprising the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to the existing Bertha J. Barber Well No.13-Y (API No. 30-025-06027) located at a standard location 1980' FNL & 660' FWL (Unit E) of Section 8.*

Dear Mr. Ryan:

Pursuant to the rules governing the Monument-Tubb Pool [see Division Orders No. R-2800 and R-10128 and Division Rule 104.A], the subject application is unnecessary since 80-acre spacing is standard for the Tubb formation within Section 8.

Your application is hereby withdrawn and is being returned to you at this time.

Should you have any questions or comments concerning this matter, you may either contact me in Santa Fe at (505) 827-8185 or Mr. Paul Kautz in Hobbs at (505) 393-6161. Thank you.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
Kathy Valdes, NMOCD - Santa Fe



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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102  
Revised October 18, 1994  
Instructions on back  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-06027	Pool Code	Pool Name Wildcat Tubb
Property Code	Property Name Bertha J. Barber	Well Number 13Y
OGRID No. 00538	Operator Name Cross Timbers Operating Company	Elevation 3552'

<sup>10</sup> Surface Location

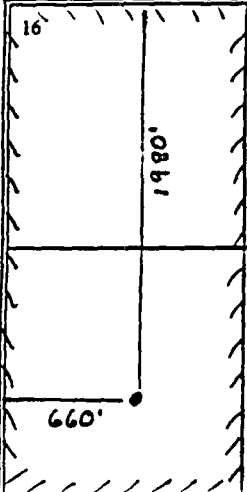
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	20S	37E		1980	North	660	West	Lea

<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	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
80			

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

				<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>Signature Darrin L. Steed</p> <p>Printed Name Operations Engineer</p> <p>Title</p> <p>10/20/99</p> <p>Date</p>
				<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 Surveyer:</p>
				<p>Certificate Number</p>



# Cross Timbers Oil Company

October 27, 1999

CERTIFIED MAIL

TO: Offset Operators - See Attached

Re: Non-Standard Proration Unit  
B.J. Barber # 13  
W/2NW/4 Section 8-20S-37E  
Lea County, New Mexico

Gentlemen:

Cross Timbers Operating Company filed the attached application for administrative approval of the above Non-Standard Proration Unit with the New Mexico Oil Conservation Division on October 27, 1999. If you object to the application, you must file a written objection with the Oil Conservation Division within twenty (20) days of the date the application was filed.

Should you have any questions please feel free to call me at (817)885-2336.

Yours very truly,

Edwin S. Ryan, Jr.

Offset Operators  
Application for NSPU  
W/2 NW/4 Section 8-20S-37E  
Lea County, New Mexico

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702

Amerada Hess Corporation  
500 Dallas Street  
Houston, Texas 77002

Texaco Exploration & Production Inc.  
P.O. Box 3109  
Midland, Texas 79702

Doyle Hartman  
P.O. Box 10426  
Midland, Texas 79702-7426

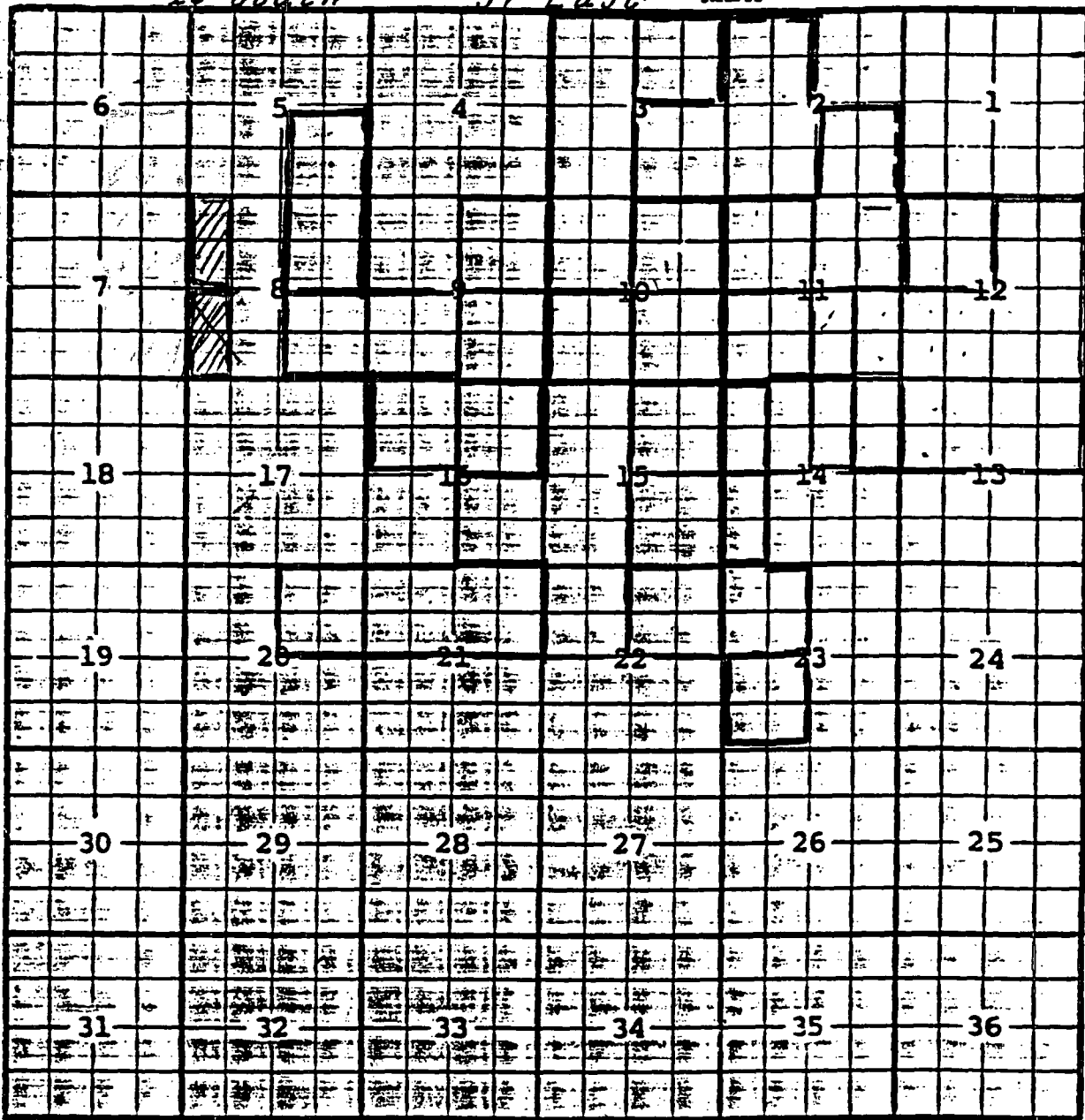
Chevron USA Inc.  
P.O. Box 1150  
Midland, Texas 79702

Arch Petroleum Inc.  
Pogo Producing Company  
P.O. Box 10340  
Midland, Texas 79702

Arco Permian  
P.O. Box 1610  
Midland, Texas 79702

Mid-Continent Energy Operating  
100 W. 5th Street, Suite 450  
Tulsa, Oklahoma 74103-4287

John H. Hendrix Corp.  
P.O. Box 3040  
Midland, Texas 79702

TOWNSHIP 20-South RANGE 37-East NMPMDescription:  $\frac{1}{4}$  Sec. 16 (R-1532, 12-1-59).Ext:  $\frac{1}{2}$  Sec. 15 (R-1720, 8-1-60)  $\frac{1}{4}$  Sec. 22 (R-2393, 1-1-63) $\frac{1}{4}$  Sec. 16 (R-2427, 3-1-63)  $\frac{1}{4}$  Sec. 10 (R-2527, 8-1-63) $\frac{1}{4}$  Sec. 15,  $\frac{1}{4}$  Sec. 20,  $\frac{1}{4}$  Sec. 21 (R-3602, 12-1-63)  $\frac{1}{2}$  Sec. 3,  $\frac{1}{4}$  Sec. 9, $\frac{1}{4}$  Sec. 10,  $\frac{1}{4}$  Sec. 12 (R-2692, 5-1-64)  $\frac{1}{4}$  Sec. 10,  $\frac{1}{4}$  Sec. 15 (R-2702, 11-1-64) $\frac{1}{4}$  Sec. 14 (R-2879, 4-1-65)  $\frac{1}{4}$  Sec. 11,  $\frac{1}{4}$  Sec. 14 (R-2923, 7-1-65) $\frac{1}{4}$  Sec. 11 (R-2985, 11-1-65)  $\frac{1}{4}$  Sec. 9 (R-3051, 4-1-66)  $\frac{1}{4}$  Sec. 14 (R-3182, 2-1-67)Ext:  $\frac{1}{2}$  Sec. 11,  $\frac{1}{2}$  Sec. 12,  $\frac{1}{2}$  Sec. 13 (R-4734, 3-1-74)Ext:  $\frac{1}{4}$  Sec. 12 (R-6211, 12-1-79) Ext:  $\frac{1}{2}$  Sec. 14 (R-7248, 3-30-83)EXT:  $\frac{1}{4}$  Sec. 8,  $\frac{1}{4}$  Sec. 9 (R-8826, 12-22-88) EXT:  $\frac{1}{4}$  Sec. 23 (R-8946, 7-1-89)EXT:  $\frac{1}{4}$  Sec. 23 (R-9447, 3-1-91) EXT:  $\frac{1}{2}$  Sec. 14 (R-10172, 8-30-94)Ext:  $\frac{1}{4}$  Sec. 3 (R-10342, 4-24-95) Ext:  $\frac{1}{4}$  Sec. 2,  $\frac{1}{4}$  Sec. 11,  $\frac{1}{4}$  Sec. 16 (R-10611, 8-19-96)Ext:  $\frac{1}{2}$  Sec. 2,  $\frac{1}{4}$  Sec. 3,  $\frac{1}{4}$  Sec. 5,  $\frac{1}{4}$  Sec. 8 (R-11116, 7-1-99)

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. 3123  
Order No. R-2800

APPLICATION OF CONTINENTAL OIL  
COMPANY FOR SPECIAL POOL RULES,  
LEA COUNTY, NEW MEXICO.

*See also Order No.  
R-10128*

ORDER OF THE COMMISSION

BY THE COMMISSION:

This cause came on for hearing at 9 o'clock a.m. on October 13, 1964, at Santa Fe, New Mexico, before Examiner Elvis A. Utz.

NOW, on this 10th day of November, 1964, 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, Continental Oil Company, seeks the promulgation of special rules and regulations for the Monument-Tubb Pool in Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, including a provision for 80-acre spacing units and a gas-oil ratio of 6000 to 1.

(3) That one well in the Monument-Tubb Pool can efficiently and economically drain and develop 80 acres.

(4) That in order to prevent the economic loss caused by the drilling of unnecessary wells, to avoid the augmentation of risk arising from the drilling of an excessive number of wells to prevent reduced recovery which might result from the drilling of too few wells, and to otherwise prevent waste and protect correlative rights, special rules and regulations providing

-2-

CASE No. 3123

Order No. R-2800

for 80-acre spacing units should be promulgated for the Monument-Tubb Pool.

(5) That a limiting gas-oil ratio of 6000 to 1 would be excessive for this pool and might result in waste.

(6) That the special rules and regulations should provide for a limiting gas-oil ratio of 4000 to 1 in order to allow each operator in the pool the opportunity to use his just and equitable share of the reservoir energy.

IT IS THEREFORE ORDERED:

That Special Rules and Regulations for the Monument-Tubb Pool are hereby promulgated as follows, effective December 1, 1964:

SPECIAL RULES AND REGULATIONS  
FOR THE  
MONUMENT-TUBB POOL

RULE 1. Each well completed or recompleted in the Monument-Tubb Pool or in the Tubb formation within one mile thereof, and not nearer to or within the limits of another designated Tubb oil pool, shall be spaced, drilled, operated, and produced in accordance with the Special Rules and Regulations hereinafter set forth.

RULE 2. Each well shall be located on a standard unit containing 80 acres, more or less, consisting of the N/2, S/2, E/2, or W/2 of a governmental quarter section; provided, however, that nothing contained herein shall be construed as prohibiting the drilling of a well on each of the quarter-quarter sections in the unit.

RULE 3. The Secretary-Director of the Commission may grant an exception to the requirements of Rule 2 without notice and hearing when an application has been filed for a non-standard unit comprising a governmental quarter-quarter section or lot. All operators offsetting the proposed non-standard unit shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the formation of the

non-standard unit within 30 days after the Secretary-Director has received the application.

RULE 4. Each well shall be located no nearer than 330 feet to any governmental quarter-quarter section or lot line.

RULE 5. The Secretary-Director may grant an exception to the requirements of Rule 4 without notice and hearing when an application has been filed for an unorthodox location necessitated by topographical conditions. All operators offsetting the proposed unorthodox location shall be notified of the application by registered or certified mail, and the application shall state that such notice has been furnished. The Secretary-Director may approve the application upon receipt of written waivers from all offset operators or if no offset operator has entered an objection to the unorthodox location within 20 days after the Secretary-Director has received the application.

RULE 6. A standard proration unit (79 through 81 acres) shall be assigned an 80-acre proportional factor of 2.77 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 the wells on the unit in any proportion.

The allowable assigned to a non-standard proration unit shall bear the same ratio to a standard allowable as the acreage in such non-standard unit bears to 80 acres.

RULE 7. The limiting gas-oil ratio shall be 4000 cubic feet of gas for each barrel of oil produced.

IT IS FURTHER ORDERED:

(1) That any well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof that will not comply with the well location requirements of Rule 4 is hereby granted an exception to the requirements of said rule. The operator shall notify the Hobbs District Office of the Commission in writing of the name and location of the well on or before December 1, 1964.

(2) That each well presently drilling to or completed in the Monument-Tubb Pool or in the Tubb formation within one mile thereof shall receive a 40-acre allowable until a Form C-128

-4-

CASE No. 3123

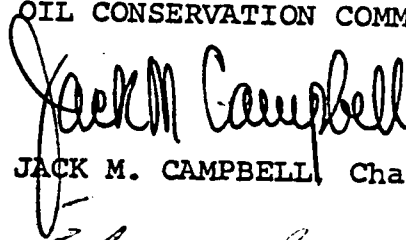
Order No. R-2800

dedicating 80 acres to the well has been filed with the Commission.

(3) 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



JACK M. CAMPBELL, Chairman



E. S. WALKER, Member



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

S E A L

esr/



STATE OF NEW MEXICO  
ENERGY, MINERALS, AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

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

CASE NO. 10984  
Order No. R-10128

APPLICATION OF TEXACO EXPLORATION  
& PRODUCTION INC. FOR AMENDMENT OF  
SPECIAL POOL RULES AND REGULATIONS  
FOR THE MONUMENT-TUBB POOL, LEA  
COUNTY, NEW MEXICO.

*See Also Order  
No. R-2800*

ORDER OF THE DIVISION

BY THE DIVISION:

This cause came on for hearing at 8:15 a.m. on May 26, 1994, at Santa Fe, New Mexico, before Examiner David R. Catanach.

NOW, on this 3rd day of June, 1994, the Division Director, having considered the testimony, the record, and the recommendations of the Examiner, and being fully advised in the premises,

FINDS THAT:

- (1) Due public notice having been given as required by law, the Division has jurisdiction of this cause and the subject matter thereof.
- (2) By Order No. R-1532, issued in Case No. 1809 on November 23, 1959, the Division created and defined the Monument-Tubb Pool, Lea County, New Mexico.
- (3) The Monument-Tubb Pool currently comprises the following described area:

TOWNSHIP 19 SOUTH, RANGE 37 EAST, NMPM  
Section 34: S/2

TOWNSHIP 20 SOUTH, RANGE 37 EAST, NMPM  
Section 3: W/2  
Section 8: SE/4  
Section 9: SW/4, E/2  
Section 10: All  
Section 11: NW/4, S/2  
Section 12: All  
Section 13: N/2

Section 14: NW/4, W/2 NE/4, W/2 SW/4  
Section 15: All  
Section 16: E/2  
Section 20: NE/4  
Section 21: N/2  
Section 22: N/2  
Section 23: W/2

(4) The Monument-Tubb Pool is currently governed by Special Rules and Regulations as promulgated by Division Order No. R-2800 on November 10, 1964, which require standard 80-acre oil spacing and proration units, designated well locations, and a limiting gas-oil ratio of 4,000 cubic feet of gas per barrel of oil.

(5) The applicant, Texaco Exploration & Production Inc., seeks to amend Rule No. (7) of the Special Rules and Regulations for the Monument-Tubb Pool, to increase the limiting gas-oil ratio to 10,000 cubic feet of gas per barrel of oil.

(6) According to the Division's Monthly Statistical Report for December, 1993, there are currently thirty-nine wells within the Monument-Tubb Pool operated by eight operators. The applicant currently operates eleven wells within the pool.

(7) The applicant presented engineering evidence and testimony which indicates that of the thirty-five wells currently producing within the pool:

12 produce at a GOR in excess of 20,000:1  
10 produce at a GOR between 10,000 and 20,000:1  
11 produce at a GOR between 4,000 and 10,000:1  
2 produce at a GOR of less than 4,000:1

(8) Further engineering evidence indicates that over the past several years, the Monument-Tubb Pool has produced, poolwide, at a gas-oil ratio in excess of 10,000 cubic feet of gas per barrel of oil.

(9) Applicant's geologic evidence and testimony demonstrated that there is no correlation between a given well's producing gas-oil ratio and its location structurally within the reservoir.

(10) There is no geologic or engineering evidence which would indicate the presence of a gas cap within the reservoir.

(11) The Monument-Tubb Pool appears to be a solution gas drive reservoir in its final stages of primary depletion.

(12) No operator in the pool or offset operator appeared at the hearing in opposition to the application.

(13) The evidence presented indicates that approval of the proposed gas-oil ratio limitation should not result in the excessive dissipation of reservoir energy, should not result in the reduced recovery of oil from the subject reservoir, thereby causing waste, and will not violate correlative rights.

(14) The proposed gas-oil ratio limitation of 10,000 cubic feet of gas per barrel of oil for the Monument-Tubb Pool should be established on a permanent basis.

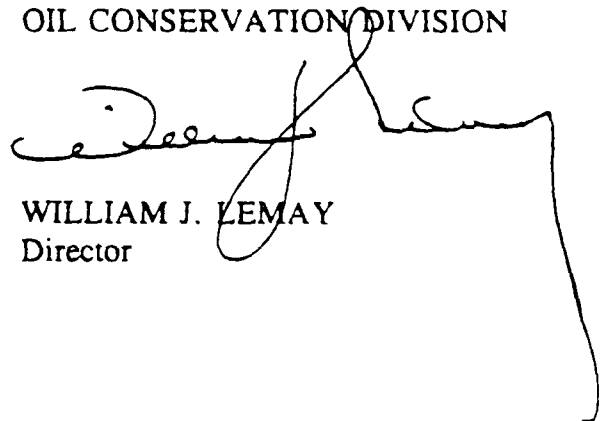
**IT IS THEREFORE ORDERED THAT:**

(1) Rule No. (7) of the Special Rules and Regulations for the Monument-Tubb Pool, Lea County, New Mexico, as promulgated by Division Order No. R-2800, is hereby amended by increasing the limiting gas-oil ratio for the subject pool to 10,000 cubic feet of gas per barrel of oil.

(2) Jurisdiction of this cause is hereby 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 hereinabove designated.

STATE OF NEW MEXICO  
OIL CONSERVATION DIVISION



WILLIAM J. LEMAY  
Director

S E A L

CMD :  
OG6IWCM

ONGARD  
INQUIRE WELL COMPLETIONS

10/29/99 09:53:2  
OGOMES -TPY

API Well No : 30 25 6027 Eff Date : 01-01-1900 WC Status : A  
Pool Idn : 47080 MONUMENT;PADDOCK  
OGRID Idn : 5380 CROSS TIMBERS OPER CO  
Prop Idn : 3341 BERTHA J BARBER

Well No : 013Y  
GL Elevation: 3552

	U/L	Sec	Township	Range	North/South	East/West	Prop/Act (P/A)
	---	---	-----	-----	-----	-----	-----
B.H. Locn	: E	8	20S	37E	FTG 1980 F N	FTG 660 F W	P
Lot Identifier:							
Dedicated Acre:			40.00				
Lease Type			: P				
Type of consolidation (Comm, Unit, Forced Pooling - C/U/F/O) :							

E6317: No more recs. for this api well no.

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

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION10/29/99 09:52:0  
OGOMES -TPY  
PAGE NO: 1

Sec : 08 Twp : 20S Rng : 37E Section Type : NORMAL

D 40.00  Fee owned  A A	C 40.00  Federal owned  A A A	B 40.00  <del>Fee owned</del>  A A	A 40.00  Fee owned U A
E 40.00  Fee owned  A A A	F 40.00  Fee owned  A A A	G 40.00  <del>Fee owned</del>  A A	H 40.00  Fee owned  A A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

CMD :  
OG5SECTONGARD  
INQUIRE LAND BY SECTION10/29/99 09:52:1  
OGOMES -TPY  
PAGE NO: 2

Sec : 08 Twp : 20S Rng : 37E Section Type : NORMAL

L 40.00  Fee owned  A A A	K 40.00  Fee owned  A A A	J 40.00  <del>Fee</del> owned  A	I 40.00  Fee owned  A A
M 40.00  Federal owned  A	N 40.00  Fee owned  A	O 40.00  <del>Fee</del> owned  A A	P 40.00  Fee owned  A A A

PF01 HELP  
PF07 BKWDPF02  
PF08 FWDPF03 EXIT  
PF09 PRINTPF04 GoTo  
PF10 SDIVPF05  
PF11PF06  
PF12

**KELLAHIN AND KELLAHIN**

ATTORNEYS AT LAW

EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2265

SANTA FE, NEW MEXICO 87504-2265

W. THOMAS KELLAHIN\*

\*NEW MEXICO BOARD OF LEGAL SPECIALIZATION  
RECOGNIZED SPECIALIST IN THE AREA OF  
NATURAL RESOURCES-OIL AND GAS LAW

JASON KELLAHIN (RETIRED 1991)

TELEPHONE (505) 982-4285  
TELEFAX (505) 982-2047

October 31, 2000

**HAND DELIVERED**

Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87504  
Attn: Mr. Michael E. Stogner

Re: **NOTICE OF OBJECTION:**  
*Chevron USA Production Company*  
*G. C. Matthews Well No. 12*  
*330' FSL & 990' FEL*  
*Unit P, Section 6, T20S, R37E, NMPM,*  
*Administrative Application to NMOCD*  
*for Approval of Unorthodox Gas Well*  
*Location, Lea County, New Mexico*

OIL CONSERVATION DIV.  
09 OCT 31 AM 1:14

Dear Mr. Stogner:

By letter dated October 11, 2000, Chevron USA Production Company ("Chevron") filed the referenced administrative application with the Division and sent notification to Falcon Creek Resources, Inc. ("now Sapient Energy Corp.") as the offsetting operator of the Bertha J. Barber Well No. 12 (Unit A of Section 7, T20S, R37E) towards whom the Chevron well will encroach.

On August 21, 1999, Cross Timber recompleted this oil well as a producing gas well in the Tubb gas formation and by Order R-11304, the Division approved it as the discovery well for the West Monument-Tobb Gas Pool (Case 12321). April 1, 2000, Falcon Creek Resources, Inc. acquired the Bertha J. Barber Well No. 12 from Cross Timber Operating Company ("Cross Timber"). On July 14, 2000, Sapient Energy Corp. ("Sapient") acquired this well from Falcon Creek.

Sapient hereby objects to Chevron's application because Chevron appears to have other oil wells at standard gas well locations in the SE/4 of Section 6 which could be used for Tubb gas production instead of the subject well.

October 31, 2000

-Page 2-

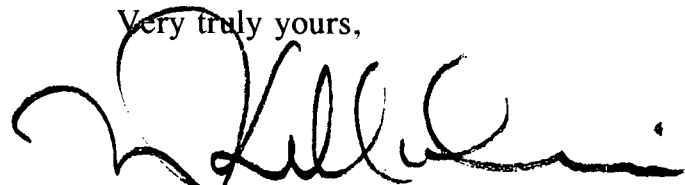
In reviewing this matter for Sapient, I find in the OCD-Santa Fe's well file for the Bertha J. Barber Well No. 12 the following:

- (a) Cross Timber's C-105 dated September 9, 1999, being a Tubb gas well recompletion report;
- (b) Cross Timber's C-102 dated September 9, 1999, showing an unorthodox Tubb gas well location and the dedication of a non-standard 160-acre spacing unit consisting of the E/2E/2 of Section 7;
- (c) On September 20, 1999, the Division (OCD-Hobbs) approved Cross Timber's C-103 to recomplate this oil well at an unorthodox gas well location in the Tubb formation with a 160-acre non-standard acreage dedication consisting of the E/2E/2 of Section 7;
- (d) On April 14, 2000, the OCD-Hobbs approved Falcon Creek's C-104 (allowable request) which shows this well to be in the West Monument Tubb Gas Pool.

While I did not find an approved C-104 for Cross Timber to produce the well, I do find an approved C-104 for Falcon Creek. It is my understanding that before the OCD-Hobbs will approve a C-104 and allow a well to be produced, the well's location and spacing unit must either comply with Division rules or be granted an order authorizing exception from those rules. However, I have yet to find those orders in the OCD-Santa Fe's well files.

I am sending a copy of this letter to Mr. William F. Carr, Esq., local attorney for Chevron, and recommend that before this objection is set for hearing that you, he and I meet to discuss how to proceed with this matter.

Very truly yours,



W. Thomas Kellahin

cc: *Sapient Energy Corp*  
*Attn: Chuck Perrin*  
*Chevron USA Production Company*  
*Attn: Lloyd V. Truatman*  
*William F. Carr, Esq.*  
*attorney for Chevron USA*  
*OCD-Hobbs*  
*Attn: Chris Williams*





NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

November 29, 1999

Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298

Attention: Edwin S. Ryan, Jr.

Re: *Administrative application for the creation of a non-standard 80-acre gas spacing and proration unit for anticipated wildcat Tubb gas production to comprise the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico*

Dear Mr. Ryan:

Reference is made to your application dated November 5, 1999 for the formation of the above-described non-standard 80-acre gas spacing and proration unit for unprorated gas production from the Tubb formation. This non-standard unit is to be dedicated to Cross Timbers Oil Company's existing Bertha J. Barber Com Well No. 13-Y (API No. 30-025-06027) located at a standard location 1980 feet from the North line and 660 feet from the West line (Unit E) of Section 8.

Pursuant to Division Rule 104.A (2), any Tubb production from the subject wellbore would be subject to the rules currently governing the Monument-Tubb Pool, which provides for: (i) 80-acre spacing and proration units; (ii) wells to be located no closer than 330 feet to any governmental quarter-quarter section or lot; and (iii) a limiting gas-oil ratio of 10,000 cubic feet of gas per barrel of oil. If however, as you anticipate, the Tubb interval within this wellbore is indeed classified as a new gas reservoir from an untapped source of supply within the Tubb formation, this production and the new gas pool established for such production would be subject to Division Rule 104.C (3), which provides for 160-acre spacing, and being unprorated production, would also be subject to Rule 104.D (3), which provides for only one well within a standard drilling tract.

At this time I would suspect any Tubb production obtained from this wellbore. Should your completion turn out to be a gas well and being so close to the Monument-Tubb Pool which has a higher than normal GOR limit (see Case No. 10984) preliminary evidence indicates that this production would be in direct contact with the existing reservoir and not a wildcat gas pool as you are anticipating.

At this time the only option open to you is to test the Tubb interval within this wellbore under the current Monument-Tubb Pool rules. Once the Tubb interval is tested then several options would be open to you for relief. Forming a non-standard 80-acre gas spacing unit either at this time or once production is established, however, is not one of them.

Cross Timbers Oil Company

November 29, 1999

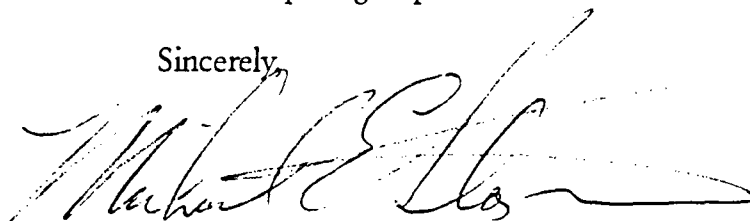
Page 2

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In any case this application fails to show: (1) why its necessary to create the proposed 80-acre non-standard wildcat Tubb gas spacing unit instead of forming a standard 160-acre gas spacing unit; (2) what steps you as a prudent operator have taken to reach a voluntary agreement to consolidate the entire NW/4 of Section 8 in order to form a standard 160-acre gas spacing and proration unit for this well if indeed it is classified as wildcat gas production; (3) how will correlative rights best be served by severing the E/2 of Section 8 from a standard 160-acre unit; and (4) how will waste be prevented and the drilling of an unnecessary well be avoided should it be necessary for a well to be drilled in this severed acreage in order to prevent drainage that may be caused by the subject well from this undedicated tract. Therefore, your application to form a non-standard 80-acre gas spacing unit for anticipated wildcat Tubb gas production within the NW/4 of Section 8 is hereby denied.

Should you need additional information on how to proceed in forming a standard 160-acre unit please refer to Sections 70-2-17 and 18, N.M.S.A., 1978 and Division Rule 1207.A, which provides for the compulsory pooling of acreage in order to form a standard spacing unit or drilling tract when two or more separately owned tracts of land are embraced within a spacing or proration unit.

Sincerely,

A handwritten signature in dark ink, appearing to read "Michael E. Stogner", with a long, sweeping horizontal line extending to the right.

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
U. S. Bureau of Land Management - Carlsbad  
New Mexico State Land Office - Santa Fe  
Lori Wrotenbery, Director - OCD, Santa Fe  
Kathy Valdes, NMOCD - Santa Fe



## Cross Timbers Oil Company

November 5, 1999

New Mexico Oil Conservation Division  
2040 S. Pacheco Street  
Santa Fe, New Mexico 87505  
Attention: Mr. Michael Stogner

NSP 11/5/99

CONSERVATION DIVISION

Re: Application for Non-Standard Proration Unit  
B.J. Barber # 13  
W/2NW/4 Section 8-T20S-R37E  
Lea County, New Mexico

Dear Mr. Stogner,

By letter dated October 27, 1999, Cross Timbers filed an application for a non-standard proration unit covering the captioned well. You returned the application (see attached letter dated October 29) stating it was unnecessary as 80 acre spacing was already established in Section 8 in the Monument Tubb pool.

However, Cross Timbers is anticipating a gas well from the Tubb based on the results of a well we recompleted in Section 7. Therefore, the B.J. Barber # 13 would be in the Wildcat Tubb Pool which requires 160 acre spacing.

Based on the above we respectfully resubmit the attached Application for a Non-Standard Proration unit.

Thank you for your time and should you have any questions or need additional information please call me at (817)885-2336.

Yours very truly,

A handwritten signature in cursive script, appearing to read "Edwin S. Ryan, Jr.".

Edwin S. Ryan, Jr.



NEW MEXICO ENERGY, MINERALS  
& NATURAL RESOURCES DEPARTMENT

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

NOV 2 1999

October 29, 1999

cc: ERICH Palko

Darwin Steed - Midland

Cross Timbers Oil Company  
810 Houston Street - Suite 2000  
Fort Worth, Texas 76102-6298

Attention: Edwin S. Ryan, Jr.

*Re: Administrative application to establish a non-standard 80-acre spacing and proration unit for wildcat Tubb production comprising the W/2 NW/4 of Section 8, Township 20 South, Range 37 East, NMPM, Lea County, New Mexico, to be dedicated to the existing Bertha J. Barber Well No. 13-Y (API No. 30-025-06027) located at a standard location 1980' FNL & 660' FWL (Unit E) of Section 8.*

Dear Mr. Ryan:

Pursuant to the rules governing the Monument-Tubb Pool [see Division Orders No. R-2800 and R-10128 and Division Rule 104.A], the subject application is unnecessary since 80-acre spacing is standard for the Tubb formation within Section 8.

Your application is hereby withdrawn and is being returned to you at this time.

Should you have any questions or comments concerning this matter, you may either contact me in Santa Fe at (505) 827-8185 or Mr. Paul Kautz in Hobbs at (505) 393-6161. Thank you.

Sincerely,

Michael E. Stogner  
Chief Hearing Officer/Engineer

cc: New Mexico Oil Conservation Division - Hobbs  
Kathy Valdes, NMOCD - Santa Fe



## Cross Timbers Oil Company

November 5, 1999

Lori Wrotenbery, Director  
Oil Conservation Division  
2040 South Pacheco  
Santa Fe, New Mexico 87501

Gentlemen:

Cross Timbers Operating Company hereby requests administrative approval of the following 80 acre non-standard proration unit (see attached Form C-102 plat):

B. J. Barber Well No. 13  
W/2 NW/4 (Unit E) Section 8-20S-37E  
Lea County, New Mexico  
Wildcat Tubb Pool - Gas - 160 acres

The non-standard proration unit is required as Cross Timbers' lease is limited to the W/2 NW/4 and SW/4 SW/4. Cross Timbers plans to recomplete the B. J. Barber #13 well (100% working interest) which is temporarily abandoned in the Paddock formation to the Tubb and Abo formations. Royalty Owners are common between the 40 acre Abo Unit and the proposed 80 acre Tubb Unit and both zones are required to economically produce the well.

Notice of this application has been given to the offset operators as shown on the attached list by certified mail. We look forward to your approval and please feel free to call me at (817) 885-2336 with any questions.

Yours very truly,

Edwin S. Ryan, Jr.

cc: Erich Palko  
Darrin Steed - Midland  
Offset Operators

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

OIL CONSERVATION DIVISION  
2040 South Pacheco  
Santa Fe, NM 87505

Form C-102

Revised October 18, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-025-06027		* Pool Code	* Pool Name Wildcat Tubb
* Property Code	* Property Name Bertha J. Barber		* Well Number 13Y
* OGRID No. 00538	* Operator Name Cross Timbers Operating Company		* Elevation 3552'

<sup>10</sup> Surface Location

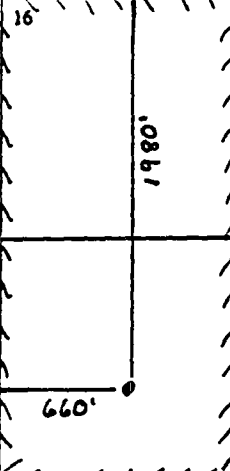
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	8	20S	37E		1980	North	660	West	Lea

<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 80	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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>17</sup> OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief</i>			
	Signature Darrin L. Steed			
	Printed Name Operations Engineer			
Title 10/20/99				
Date				
<sup>18</sup> SURVEYOR CERTIFICATION <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>				
Date of Survey				
Signature and Seal of Professional Surveyer:				
Certificate Number				



## Cross Timbers Oil Company

November 5, 1999

CERTIFIED MAIL

TO: Offset Operators - See Attached

Re: Non-Standard Proration Unit  
B.J. Barber # 13  
W/2NW/4 Section 8-20S-37E  
Lea County, New Mexico

Gentlemen:

Cross Timbers Operating Company filed the attached application for administrative approval of the above Unorthodox Location with the New Mexico Oil Conservation Division on November 5, 1999. If you object to the application, you must file a written objection with the Oil Conservation Division within twenty (20) days of the date the application was filed.

Should you have any questions please feel free to call me at (817)885-2336.

Yours very truly,

Edwin S. Ryan, Jr.

Offset Operators  
Application for NSPU  
W/2 NW/4 Section 8-20S-37E  
Lea County, New Mexico

Marathon Oil Company  
P.O. Box 552  
Midland, Texas 79702

Amerada Hess Corporation  
500 Dallas Street  
Houston, Texas 77002

Texaco Exploration & Production Inc.  
P.O. Box 3109  
Midland, Texas 79702

Doyle Hartman  
P.O. Box 10426  
Midland, Texas 79702-7426

Chevron USA Inc.  
P.O. Box 1150  
Midland, Texas 79702

Arch Petroleum Inc.  
Pogo Producing Company  
P.O. Box 10340  
Midland, Texas 79702

Arco Permian  
P.O. Box 1610  
Midland, Texas 79702

Mid-Continent Energy Operating  
100 W. 5th Street, Suite 450  
Tulsa, Oklahoma 74103-4287

John H. Hendrix Corp.  
P.O. Box 3040  
Midland, Texas 79702