

06/20/2013 DATE IN	SUSPENSE	ENGINEER DB	06/20/2013 LOGGED IN	TYPE PC	PAXIC B17255967 APP NO.
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION  
 RECEIVED OGD - Engineering Bureau -  
 1220 South St. Francis Drive, Santa Fe, NM 87505  
 2013 JUN 20 P 2:20



## ADMINISTRATIVE APPLICATION CHECKLIST

THIS CHECKLIST IS MANDATORY FOR ALL ADMINISTRATIVE APPLICATIONS FOR EXCEPTIONS TO DIVISION RULES AND REGULATIONS WHICH REQUIRE PROCESSING AT THE DIVISION LEVEL IN SANTA FE

### Application Acronyms:

[NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [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 - Simultaneous Dedication  
☐ NSL ☐ NSP ☐ SD

Check One Only for [B] or [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

[D] Other: Specify \_\_\_\_\_

Multide API  
 Apache Corp  
 Bertha Barber

[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] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

REESA HOLLAND FISHER  
 Print or Type Name

Reesa Holland Fisher  
 Signature

SR STAFF REG TECH  
 Title

6/18/2013  
 Date

BERTHA BARBER WELLS

Reesa.Holland@apachecorp.com  
 e-mail Address

PC - 1257

District I  
1625 N. French Drive, Hobbs, NM 88240  
District II  
811 S. First St., Artesia, NM 88210  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
District IV  
1220 S. St Francis Dr, Santa Fe, NM  
87505

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-107-B  
Revised August 1, 2011

### OIL CONSERVATION DIVISION

1220 S. St Francis Drive  
Santa Fe, New Mexico 87505

Submit the original  
application to the Santa Fe  
office with one copy to the  
appropriate District Office.

## APPLICATION FOR SURFACE COMMINGLING (DIVERSE OWNERSHIP)

OPERATOR NAME: Apache Corporation

OPERATOR ADDRESS: 303 Veterans Airpark Lane Midland TX 79705

APPLICATION TYPE:

☒ Pool Commingling ☐ Lease Commingling ☐ Pool and Lease Commingling ☐ Off-Lease Storage and Measurement (Only if not Surface Commingled)

LEASE TYPE: ☒ Fee ☐ State ☐ Federal

Is this an Amendment to existing Order? ☐ Yes ☐ No If "Yes", please include the appropriate Order No. \_\_\_\_\_  
Have the Bureau of Land Management (BLM) and State Land office (SLO) been notified in writing of the proposed commingling  
☐ Yes ☐ No

### (A) POOL COMMINGLING

Please attach sheets with the following information

(1) Pool Names and Codes	Gravities / BTU of Non-Commingled Production	Calculated Gravities / BTU of Commingled Production		Calculated Value of Commingled Production	Volumes
Eumont, Yates-7Rvrs-Queen(Gas) / 76480			40.0		SEE
Monument; Blinbry / 46990			36.9		ATTACHED
Monument; Tubb / 47090			36.2		TESTS
Monument; Drinkard / 97060			37.2		"
Monument; Abo / 46970			37.4		"

- (2) Are any wells producing at top allowances? ☐ Yes ☒ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☒ Yes ☐ No.  
(4) Measurement type: ☐ Metering ☒ Other (Specify) WELL TESTS  
(5) Will commingling decrease the value of production? ☐ Yes ☒ No If "yes", describe why commingling should be approved

### (B) LEASE COMMINGLING

Please attach sheets with the following information

- (1) Pool Name and Code.  
(2) Is all production from same source of supply? ☐ Yes ☐ No  
(3) Has all interest owners been notified by certified mail of the proposed commingling? ☐ Yes ☐ No  
(4) Measurement type: ☐ Metering ☐ Other (Specify)

### (C) POOL and LEASE COMMINGLING

Please attach sheets with the following information

- (1) Complete Sections A and E.

### (D) OFF-LEASE STORAGE and MEASUREMENT

Please attached sheets with the following information

- (1) Is all production from same source of supply? ☐ Yes ☐ No  
(2) Include proof of notice to all interest owners.

### (E) ADDITIONAL INFORMATION (for all application types)

Please attach sheets with the following information

- (1) A schematic diagram of facility, including legal location.  
(2) A plat with lease boundaries showing all well and facility locations. Include lease numbers if Federal or State lands are involved.  
(3) Lease Names, Lease and Well Numbers, and API Numbers.

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

SIGNATURE: Reesa Holland Fisher TITLE: Sr Staff Regulatory Tech DATE: 6/10/2013

TYPE OR PRINT NAME REESA HOLLAND FISHER TELEPHONE NO.: 432-818-1062

E-MAIL ADDRESS: Reesa.Holland@apachecorp.com

BARBER, BERTHA #04 OP 6/09	30-025-05909	100.00%	89.68%	19700802	Eumont; Yates-7 rivers-queen (gas)	Active	Prod	Flowing	NSL-3203; SD-200107-0			SU
					Eunice Monument; Grayburg-San Andres	PA'D						DCP
					Eumont; Yates-7 rivers-queen (gas)	Active						
BARBER, BERTHA #08	30-025-05913	100.00%	89.68%	19700802	Eumont; Yates-7 rivers-queen (oil)	PA'D	Prod	Sucker Rod	SD-200107-0			
BARBER, BERTHA #11 OP 6/09	30-025-05916	100.00%	89.68%	19700802	Eumont; Yates-7 rivers-queen (gas)	Active	Prod	Flowing	SD-200107-0			DCP
BARBER, BERTHA #13 OP 6/09	30-025-32384	100.00%	89.68%	19700801	Eumont; Yates-7 rivers-queen (gas)	Active	Prod	Flowing	SD-200107-0			DCP
BARBER, BERTHA #14 OP 6/09	30-025-32385	100.00%	89.68%	19700801	Eumont; Yates-7 rivers-queen (gas)	Active	Prod	Flowing	SD-200107-0			DCP
BARBER, BERTHA #15	30-025-32532	100.00%	89.68%	19700801	Eumont; Yates-7 rivers-queen (gas)	Active	Prod	Sucker Rod	SD-200107-0			SU
					Monument; Abo	Active						SU
					Monument; Tubb	Active						
BARBER, BERTHA #16	30-025-33919	100.00%	89.68%	19700801	Monument; Blinebry	PA'D	Prod	Sucker Rod	DHC-2506-A; DHC-2506-0	DHC- Tubb; Abo		SU
					Monument; Abo	PA'D						SU
BARBER, BERTHA #17 (TUBB)	30-025-34204	100.00%	89.68%	19700801	Monument; Tubb	Active	Prod	Sucker Rod	NONE			SU
					Monument; Abo	PA'D						SU
					Monument; Tubb	PA'D						
BARBER, BERTHA #18 (BLINEBRY)	30-025-34327	100.00%	89.68%	19700801	Monument; Blinebry	Active	Prod	Sucker Rod	DHC-1962-0	DHC- Tubb; Abo		SU
					Monument; Abo	TA'D						
					Monument; Blinebry	TA'D						
					Monument; Paddock	TA'D						
					Monument; Drinkard	Active						
					Monument; Tubb	Active						
BARBER, BERTHA #22 (TUBB)	30-025-39564	100.00%	89.68%	19700801	Skaggs; glorieta; northwest	new?	Prod	Sucker Rod	DHC-4318-0; DHC-396-0	DHC- Tubb; Drinkard; Abo		SU
					Monument; Blinebry	TA'D						
					Monument; Paddock	TA'D						
					Monument; Tubb	Active						
					Monument; Drinkard	TA'D						
BARBER, BERTHA #23 (TUBB)	30-025-39565	100.00%	89.68%	19700801	Monument; Abo	Active	Prod	Sucker Rod	DHC-4319-0	DHC- Tubb; Abo		SU
BARBER, BERTHA #24	30-025-39582	100.00%	89.68%	19700801	Monument; Paddock	TA'D	Prod	Sucker Rod				

All well to Bertha  
Barber Battery  
2-500 bbl tanks  
6 x 20 hr.



June 18, 2013

Dan and Regina Barber  
10608 Browne  
Austin, TX 78753

Baptist Foundation of Texas  
1601 Elm Street, Suite 1700  
Dallas, TX 75201

Re: Notice of Intent to Surface Commingle Production from  
Bertha Barber #4, #8, #11, #13, #14, #15, #17, #18, #22, #23  
Township 19 South, Range 37 East;

→ Section 32: S/2SW/4  
→ Section 5: NW/4 and N/2SW/4  
Lea County, NM

- T-2A-S

Dear Interest Owners:

Apache Corporation ("Apache") hereby requests your approval to surface commingle production from the ten (10) wells listed on Page 2 of this letter and further requests your approval to allocate production from said wells using monthly well tests. Apache further requests your approval to surface commingle production from any future wells drilled by Apache, or its successors and assigns, which are located on the above referenced lands, and allocate production to each well using monthly well tests.

Please be aware that the interest ownership for the Bertha Barber Well Nos. 4, 8 and 11 differs slightly from the ownership for the Bertha Barber Well Nos. 13, 14, 15, 17, 18, 22, 23 and any future new drill wells and, therefore, in order to commingle production from each well at the surface and account for each well's production in the manner proposed above, Apache must first obtain approval from the affected interest owners.

Apache believes that commingling will not decrease the value of production from each well. Additionally, Apache believes commingling will prevent waste and promote conservation by utilizing the same tank battery equipment for each well, thereby reducing the incremental investment capital that would otherwise be needed to build a separate facility or separately meter each well and, as a result, will extend the economic life of the wells and leases.

Please evidence your approval of Apache's proposal by executing below and returning one (1) copy to my attention using the enclosed prepaid envelope provided for your convenience. Should you have any questions, please do not hesitate to contact me at (432) 818-1093.

Sincerely,  
APACHE CORPORATION

*Michelle Hanson*

Michelle Hanson  
Landman  
(432) 818-1190 Fax  
[michelle.hanson@apachecorp.com](mailto:michelle.hanson@apachecorp.com)

The undersigned hereby approves to surface commingle production from the referenced Bertha Barber wells, and any future wells drilled on the referenced lands, as more fully described in this letter and subject to further approval by the New Mexico Oil Conservation Division.

Signature: \_\_\_\_\_  
Name (Print): \_\_\_\_\_  
Date: \_\_\_\_\_

**BERTHA BARBER WELLS TO BE SURFACE COMMINGLED**

- **Bertha Barber #4** (API 30-025-05909) located 1980' FSL & 1980' FWL, Section 5, T20S-R37E, Lea County, NM and producing from Eumont; Yates -7Rvrs-Queen (Gas) (76480);
- **Bertha Barber #8** (API 30-025-05913) located 1980' FNL & 660' FWL, Section 5, T20S-R37E, Lea County, NM and producing from Eumont; Yates -7Rvrs-Queen (Gas) (76480);
- **Bertha Barber #13** (API 30-025-32384) located 330' FSL & 1980' FWL, UL N, Section 32, T19S-R37E, Lea County, NM and producing from Eumont; Yates -7Rvrs-Queen (Gas) (76480);
- **Bertha Barber #14** (API 30-025-32385) located 330' FSL & 730' FWL, UL M, Section 32, T19S-R37E, Lea County, NM and producing from Eumont; Yates -7Rvrs-Queen (Gas) (76480);
- **Bertha Barber #15** (API 30-025-32532) located 990' FNL & 1980' FWL, Lot 3, Section 5, T20S-R37E, Lea County, NM and producing from Eumont; Yates -7Rvrs-Queen (Gas) (76480);
- **Bertha Barber #16** (API 30-025-33919) located 2140' FSL & 1650' FWL, UL K, Section 5, T20S-R37E, Lea County, NM and is TA'd from the Monument; Blinebry (46990);
- **Bertha Barber #17** (API 30-025-34204) located 2230' FNL & 1850' FWL, UL F, Section 5, T20S-R37E, Lea County, NM and is producing from the Monument; Tubb (47090);
- **Bertha Barber #18** (API 30-025-34327) located 1766' FSL & 663' FW L, Section 5, T20S-R37E, Lea County, NM and is producing from the Monument; Blinebry (46990);
- **Bertha Barber #22** (API 30-025-39564) located 1650' FSL & 1650' FWL, UL K, Section 5, T20S-R37E, Lea County, NM and is producing from the Monument; Tubb (47090); and the Monument; Drinkard (97060);
- **Bertha Barber #23** (API 30-025-39565) located 2290' FSL & 990' FWL, UL L, Section 5, T20S-R37E, Lea County, NM and is producing from the Monument; Abo (46970); and the Monument; Tubb (47090);

District I  
PO Box 1980, Hobbs, NM 88241-1980  
District II  
811 S. 1st Street, Artesia, NM 88210-2834  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

State of New Mexico  
rgy, Minerals & Natural Resources Department

**OIL CONSERVATION DIVISION**  
**P.O. Box 2088**  
**Santa Fe, NM 87504-2088**

Form C-102  
Revised February 10, 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

<sup>1</sup> API Number 30-025-05909		<sup>2</sup> Pool Code 47090		<sup>3</sup> Pool Name Monument; Tubb	
<sup>4</sup> Property Code 6365		<sup>5</sup> Property Name Bertha Barber			<sup>6</sup> Well Number 4
<sup>7</sup> OGRID No. 14021		<sup>8</sup> Operator Name Marathon Oil Company			<sup>9</sup> Elevation 3571'

#### <sup>10</sup> Surface Location

UL or lot no. K	Section 5	Township 20-S	Range 37-E	Lot. Idn	Feet from the 1980	North/South Line South	Feet from the 1980	East/West line West	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 80	<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**

	5	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Rick Gaddis</i></p> <p>Signature Rick Gaddis Printed Name Advanced Production Engineer Title 3/26/96 Date</p>
	<p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>Date of Survey</p> <p>Signature and Seal of Professional Surveyor:</p> <p>Certificate Number</p>	

State of New Mexico  
Energy, Minerals & Natural Resources Department

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

Form C-102

Revised February 10, 1994

Instructions on back

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

X Dis.  
PO Box 1980, Hobbs, NM 88241-1980  
District I  
PO Drawer DD, Artesia, NM 88211-0719  
District III  
1000 Rio Brazos Rd., Aztec, NM 87410  
District IV  
PO Box 2088, Santa Fe, NM 87504-2088

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-05913		<sup>2</sup> Pool Code 76480		<sup>3</sup> Pool Name EUMONT (Y, SR, QN)	
<sup>4</sup> Property Code 6366		<sup>5</sup> Property Name BERTHA BARBER			<sup>6</sup> Well Number 8
<sup>7</sup> OGRID No. 014021		<sup>8</sup> Operator Name Marathon Oil Company			<sup>9</sup> Elevation GL:3588

<sup>10</sup> Surface Location

UL or lot no. E	Section 5	Township 20-S	Range 37-E	Lot. Idn	Feet from the 1980	North/South Line NORTH	Feet from the 660	East/West line WEST	County LEA
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. E	Section 5	Township 20-S	Range 37-E	Lot. Idn	Feet from the 1980	North/South Line NORTH	Feet from the 1980	East/West line WEST	County LEA
<sup>12</sup> Dedicated Acres 320.56		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No. SD-94-1			

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>M N O P</p> <p>#14 #13</p> <p>Sec 32</p>				<p><sup>17</sup> OPERATOR CERTIFICATION</p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p><i>Thomas M. Price</i></p> <p>Signature Thomas M. Price Printed Name Advanced Engineering Tech Title 9-8-94 Date</p>
<p>1 D C B A</p> <p>#11 #15</p> <p>1980'</p>				
<p>E F G H</p> <p>#8</p> <p>660'</p>				
<p>L K J I</p> <p>#6 #4</p> <p>Sec 5</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 Surveyor:</p> <p>Certificate Number</p>

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
revised 1-1-89

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease Bertha Barber		Well No. 11
Unit Letter D	Section 5	Township 20-S	Range 37-E	County Lea	NMPM
Actual Footage Location of Well: 990' feet from the North line and 330' feet from the West line					
Ground level Elev. 3558'	Producing Formation Y-7R-QN		Pool Eumont		Dedicated Acreage: 320 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.

2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).

3. If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?

☐ Yes

☐ No

If answer is "yes" type of consolidation

If answer is "no" list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.)

No acreage will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Division.

OPERATOR CERTIFICATION

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

Signature

Brent D. Lockhart

Printed Name

BRENT D. LOCKHART

Position

ADVANCED ENG. TECH

Company

MARATHON OIL CO.

Date

DECEMBER 17, 1992

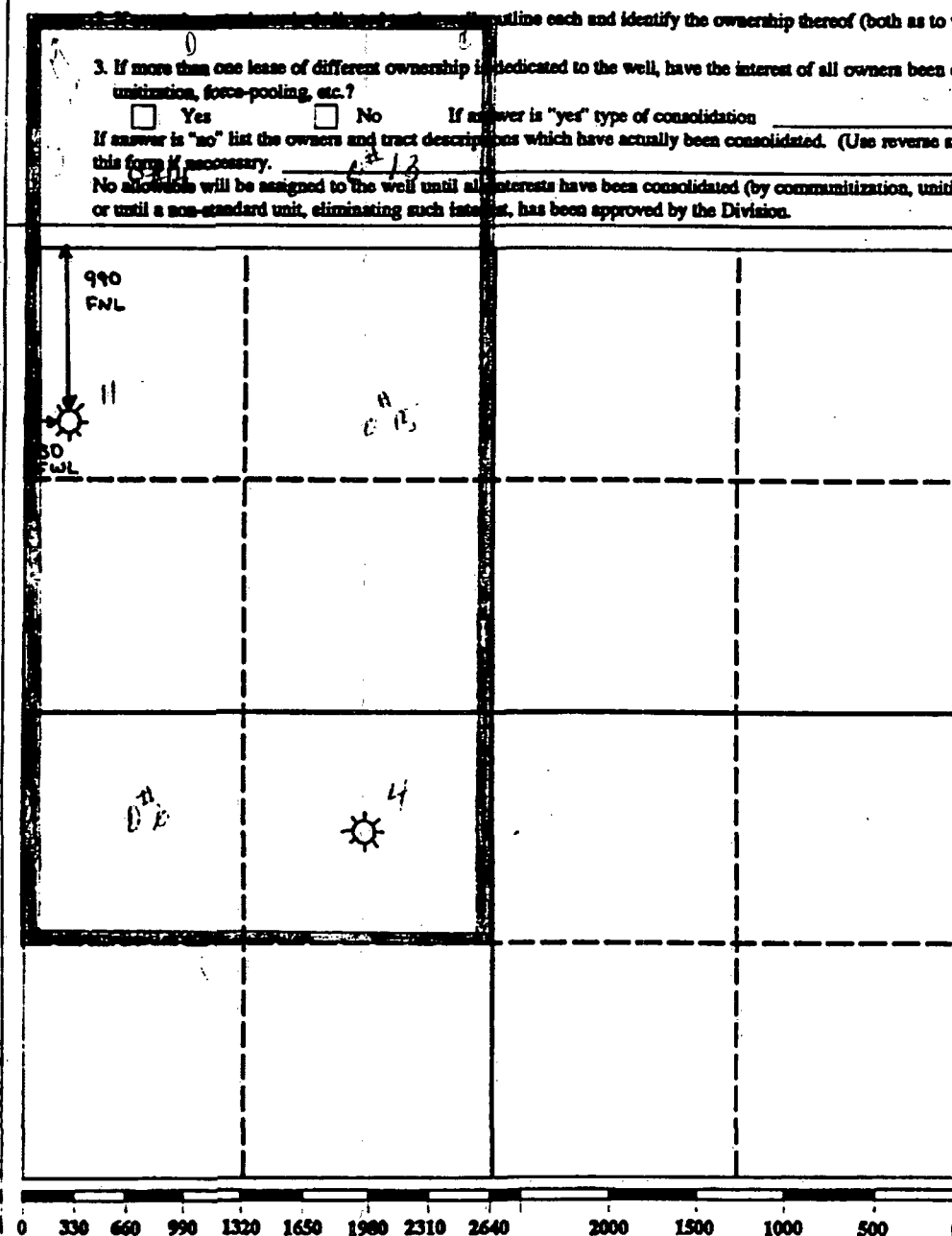
SURVEYOR CERTIFICATION

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 knowledge and belief.

Date Surveyed

Signature & Seal of  
Professional Surveyor

Certificate No.



320 Acre GPU; R-576; NW/4 & NW/2 SW/4 5-20-37 & S/2 SW/4 32-19-37



Submit to: Appropriate  
District Office  
State Lease - 4 copies  
Fee Lease - 3 copies

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Ed., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

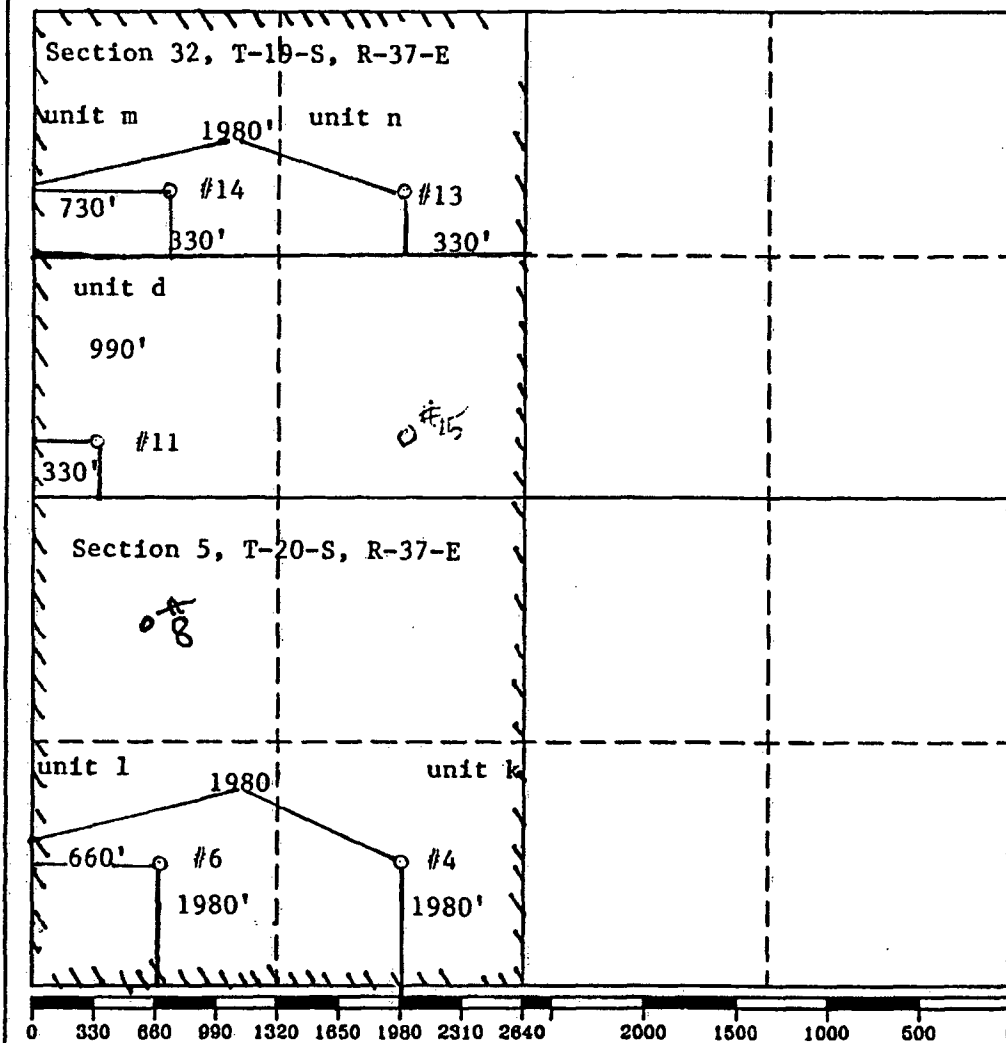
All Distances must be from the outer boundaries of the section

Operator MARATHON OIL COMPANY			Lease BERTHA BARBER		Well No. 13
Unit Letter N	Section 32	Township 19 SOUTH	Range 37-EAST NMPM	County LEA	
Actual Footage Location of Well: 1980 feet from the WEST line and 330 feet from the SOUTH line					
Ground Level Elev. 3559.3'	Producing Formation Yates, 7-Rivers, Queen		Pool Eumont	Dedicated Acreage: 320 Acres	

- Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature  
T.B. Arnold  
Position  
Drilling Superintendent  
Company  
Marathon Oil Co.  
Date  
1/7-94

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 knowledge and belief.

Date Surveyed  
DECEMBER 20, 1993  
Signature  
Professional Surveyor  
7977  
Certificate No.  
JOHN W. WEST, 678  
RONALD J. EIDSON, 3239  
GARY L. JONES, 7977

93-11-2560

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
Revised 1-1-89

OIL CONSERVATION DIVISION

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

DISTRICT I

P.O. Box 1980, Hobbs, NM 88240

DISTRICT II

P.O. Drawer DD, Artesia, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

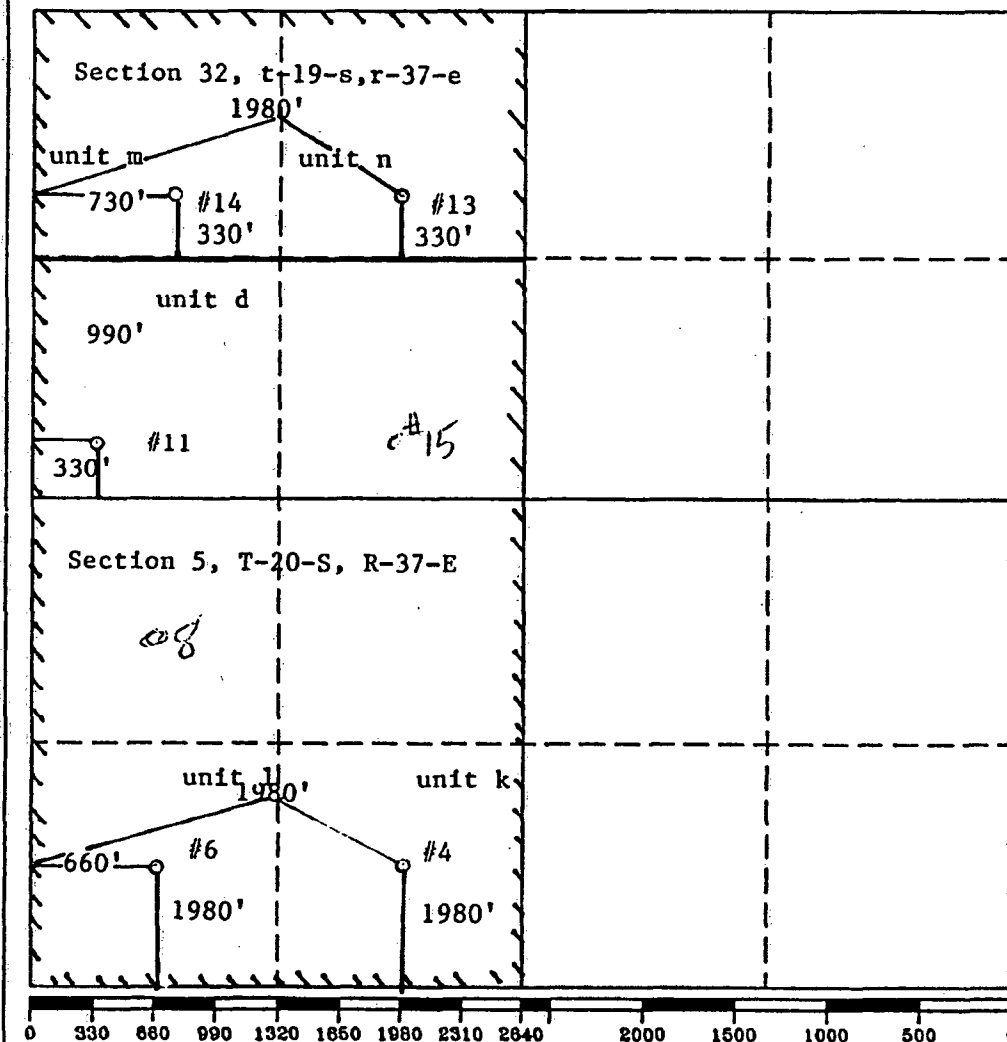
All Distances must be from the outer boundaries of the section

Operator MARATHON OIL COMPANY			Lease BERTHA BARBER		Well No. 14
Unit Letter M	Section 32	Township 19 SOUTH	Range 37 EAST	NMPM	County LEA
Actual Footage Location of Well: 330 feet from the SOUTH line and 730 feet from the WEST line					
Ground Level Elev. 3561.5'	Producing Formation Yates, 7-rivers, Queen		Pool Eumont		Dedicated Acreage: 320 Acres

- Outline the acreage dedicated to the subject well by colored pencil or hatchure marks on the plat below.
- If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
- If more than one lease of different ownership is dedicated to the well, have the interest of all owners been consolidated by communitization, unitization, force-pooling, etc.?  
☐ Yes ☐ No If answer is "yes" type of consolidation \_\_\_\_\_

If answer is "no" list of owners and tract descriptions which have actually been consolidated. (Use reverse side of this form necessary.)

No allowable will be assigned to the well unit all interests have been consolidated (by communitization, unitization, forced-pooling, otherwise) or until a non-standard unit, eliminating such interest, has been approved by the Division.



OPERATOR CERTIFICATION

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

Signature  
W. J. Arnold, Jr. TBA

Printed Name

T. B. Arnold  
Position

Drilling Superintendent  
Company  
Marathon Oil Co.

Date  
1/13-94

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 knowledge and belief.

Date Surveyed  
DECEMBER 21, 1993

Signature  
Professional Surveyor

Professional Surveyor  
NEW MEXICO  
7977

Certificate No. 876  
RONALD J. EDSON. 3239  
GARY L. JONES. 7977

93-11-2588

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88240

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

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

State of New Mexico  
Energy, Minerals and Natural Resources Department

Form C-102  
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code	Pool Name
		Eumont-Yates, 7-Rivers, Queen
Property Code	Property Name	Well Number
6366	BERTHA BARBER	15
OGRID No.	Operator Name	Elevation
	MARATHON OIL CO.	3556'

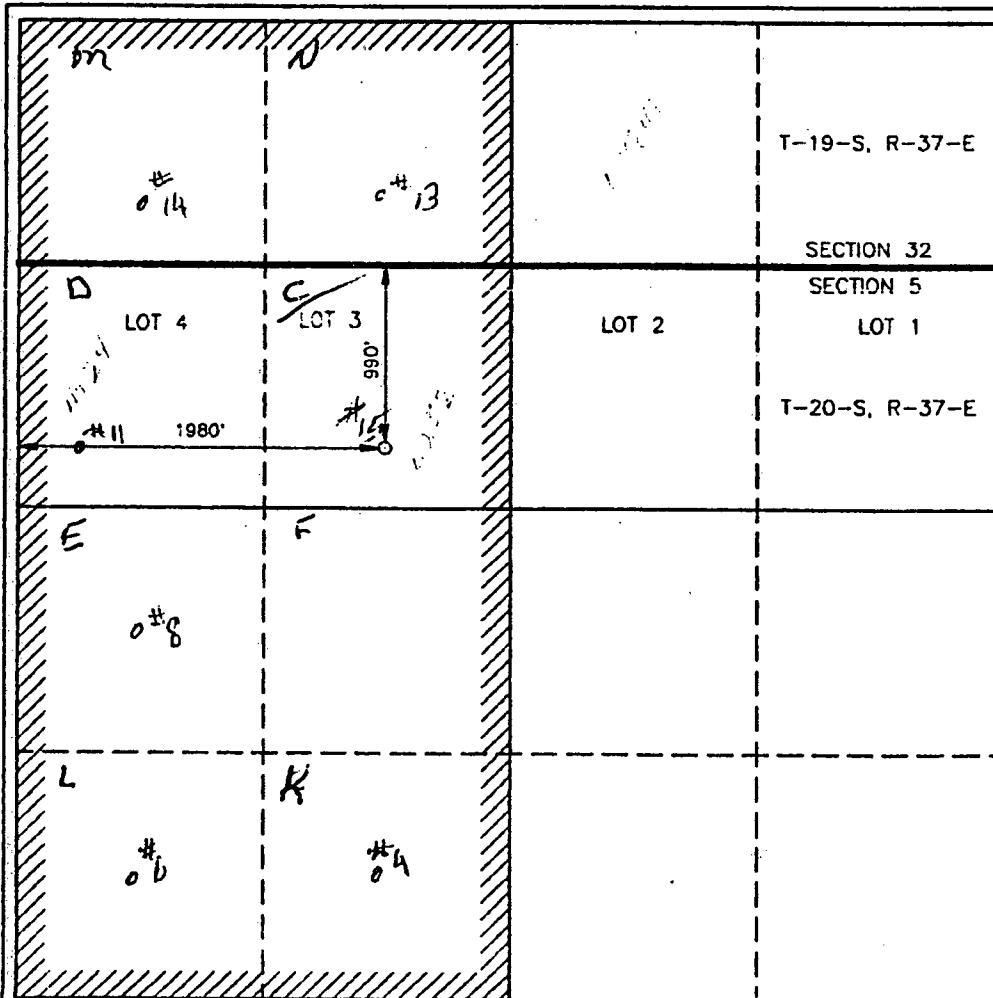
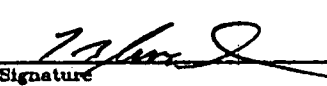
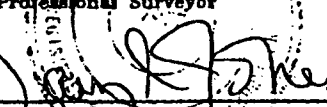
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
LOT 3	5	20S	37E		990	NORTH	1980	WEST	LEA

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
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
320									

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>T-19-S, R-37-E</p> <p>SECTION 32</p> <p>SECTION 5</p> <p>LOT 1</p> <p>T-20-S, R-37-E</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify the information contained herein is true and complete to the best of my knowledge and belief.</p> <p> Signature</p> <p>T. B. Arnold Printed Name</p> <p>Drlg. Supt. Title</p> <p>6-02-94 Date</p>
		<p><b>SURVEYOR CERTIFICATION</b></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>MARCH 16, 1994</p> <p>Date Surveyed</p> <p> Signature &amp; Seal of Professional Surveyor</p> <p>W.G. Nunn, 94-11-0498</p> <p>Certificate No. JOHN W. WEST, 676 RONALD J. EIDSON, 3239 GARY L. JONES, 7977</p>	

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

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

DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

## OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-33919</b>	Pool Code <b>46970</b>	Pool Name <b>Monument - Abo, Paddock, Blinebry Eunice Monument - GB, SA; Eumont - Y7RQ</b>
Property Code <b>6366</b>	Property Name <b>BERNA BARBER</b>	Well Number <b>16</b>
OCRID No. <b>14021</b>	Operator Name <b>MARATHON OIL COMPANY</b>	Elevation <b>3560</b>

### Surface Location

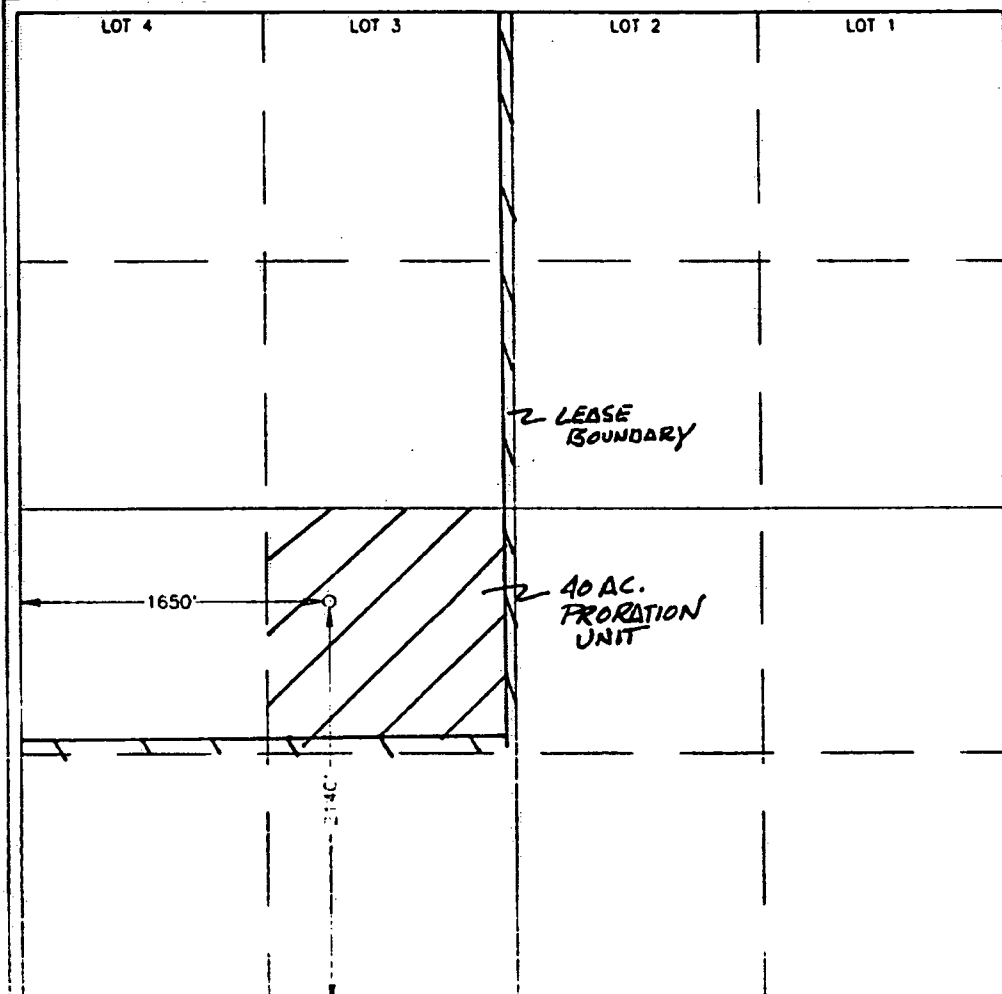
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	20 S	37 E		2140	SOUTH	1650	WEST	LEA

### 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

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  <i>Walter J. Nordt</i> Signature  D. P. Nordt Printed Name  Drilling Superintendent Title  4/8/97 Date
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  APRIL 2, 1997  Date Surveyed Signature & Seal Professional Surveyor  <i>Ronald J. Eidson</i> Professional Surveyor 4-03-97  Certificate No. JOHN MC WEST 676 RONALD J. EIDSON 3239 PROFESSIONAL EIDSON 12641

DISTRICT I  
P.O. Box 1980, Hobbs, NM 88241-1980

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Energy, Minerals and Natural Resources Dept.

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DISTRICT IV  
P.O. BOX 2088, SANTA FE, N.M. 87504-2088

## OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

### WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number <b>30-025-33919</b>	Pool Code <b>47090</b>	Pool Name <b>Monument - Tubb</b>
Property Code <b>6366</b>	Property Name <b>BERTHA BARBER</b>	Well Number <b>16</b>
OGRID No. <b>14021</b>	Operator Name <b>MARATHON OIL COMPANY</b>	Elevation <b>3560</b>

#### Surface Location

UL or lot No. <b>K</b>	Section <b>5</b>	Township <b>20 S</b>	Range <b>37 E</b>	Lot Idn	Feet from the <b>2140</b>	North/South line <b>SOUTH</b>	Feet from the <b>1650</b>	East/West line <b>WEST</b>	County <b>LEA</b>
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#### 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
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Dedicated Acres <b>80</b>	Joint or Infill	Consolidation Code	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

LOT 4	LOT 3	LOT 2	LOT 1
-------	-------	-------	-------

1650'

2140'

LEASE BOUNDARY

80 ACRE PROPORTION UNIT

#### OPERATOR CERTIFICATION

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

*Walter J. Nordt*  
Signature

D. P. Nordt  
Printed Name

Drilling Superintendent  
Title

4/8/97  
Date

#### 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.

APRIL 2, 1997

Date Surveyed

Signature & Seal of Professional Surveyor

Professional Surveyor

4-03-97

Certificate No. JOHN W. WEST 676  
RONALD EIDSON 3239  
DAVID EIDSON 12641

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  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department

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Revised August 15, 2000

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Santa Fe, NM 87505

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# WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number <b>30-025-34204</b>	<sup>2</sup> Pool Code <b>47090</b>	<sup>3</sup> Pool Name <b>Monument ( Tubb)</b>
<sup>4</sup> Property Code <b>6366</b>	<sup>5</sup> Property Name <b>Bertha Barber</b>	<sup>6</sup> Well Number <b>17</b>
<sup>7</sup> OGRID No. <b>14021</b>	<sup>8</sup> Operator Name <b>Marathon Oil Company</b>	<sup>9</sup> Elevation <b>3559'</b>

## <sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<b>F</b>	<b>5</b>	<b>20S</b>	<b>37E</b>		<b>2230'</b>	<b>North</b>	<b>1850'</b>	<b>West</b>	<b>Lea</b>

## Bottom Hole Location If Different From Surface

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

<sup>12</sup> Dedicated Acres <b>80</b>	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
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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 hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.</p> <p>Signature </p> <p><b>Tim L. Chase</b> Printed Name</p> <p><b>Advanced Engineer Technician</b> Title</p> <p><b>01/09/03</b> 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 Surveyor:</p>
	<p>Certificate Number John W. West 676 Ronald J. Eidson 3239</p> <p>Gary L. Jones 7977</p>
	<p>RECEIVED Hobbs 060</p>

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

DISTRICT IV  
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OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number	Pool Code 46990	Pool Name Monument - Blinebry
Property Code 6366	Property Name BERTHA BARBER	Well Number 18
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3560

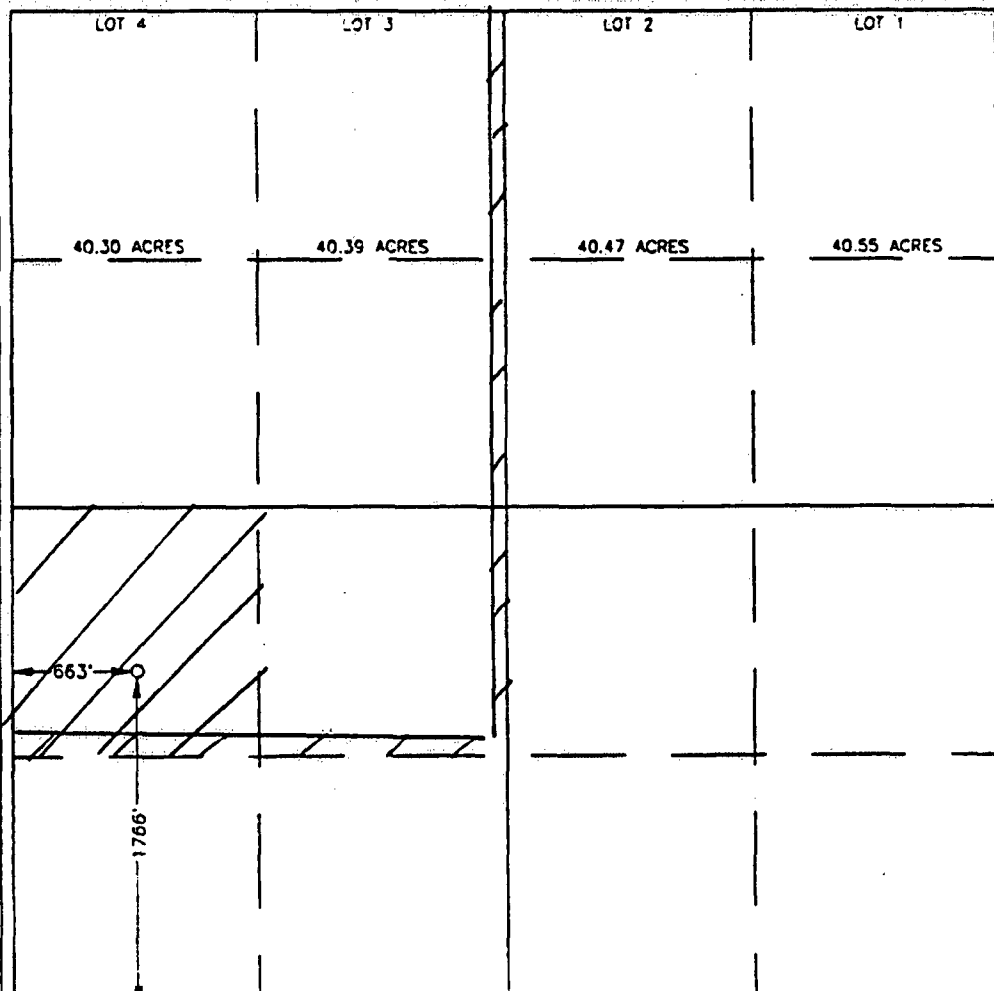

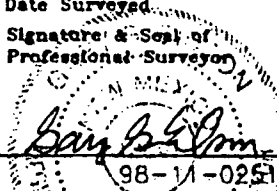
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	5	20 S	37 E		1766	SOUTH	663	WEST	LEA

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
Dedicated Acres 40	Joint or Infill	Consolidation Code	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

LOT 4 40.30 ACRES	LOT 3 40.39 ACRES	LOT 2 40.47 ACRES	LOT 1 40.55 ACRES
			
<b>OPERATOR CERTIFICATION</b> I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.  Signature D. P. Nordt Printed Name Drilling Superintendent Title 2/26/98 Date			
<b>SURVEYOR CERTIFICATION</b> I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. FEBRUARY 12, 1998 Date Surveyed Signature & Seal of Professional Surveyor  98-11-0251 Certificate No. JOHN K. WEST 676 RONALD E. EIDSON 3239 GARY EIDSON 12641			

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

DISTRICT II  
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III  
1000 Rio Brazos Rd., Artesia, NM 88210

DISTRICT IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

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Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised October 12, 2005

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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39564	Pool Code 47090	Pool Name Monument; Tubb
Property Code 306595	Property Name BERTHA BARBER	Well Number 22
OGHD No. 873	Operator Name APACHE CORPORATION	Elevation 3563'

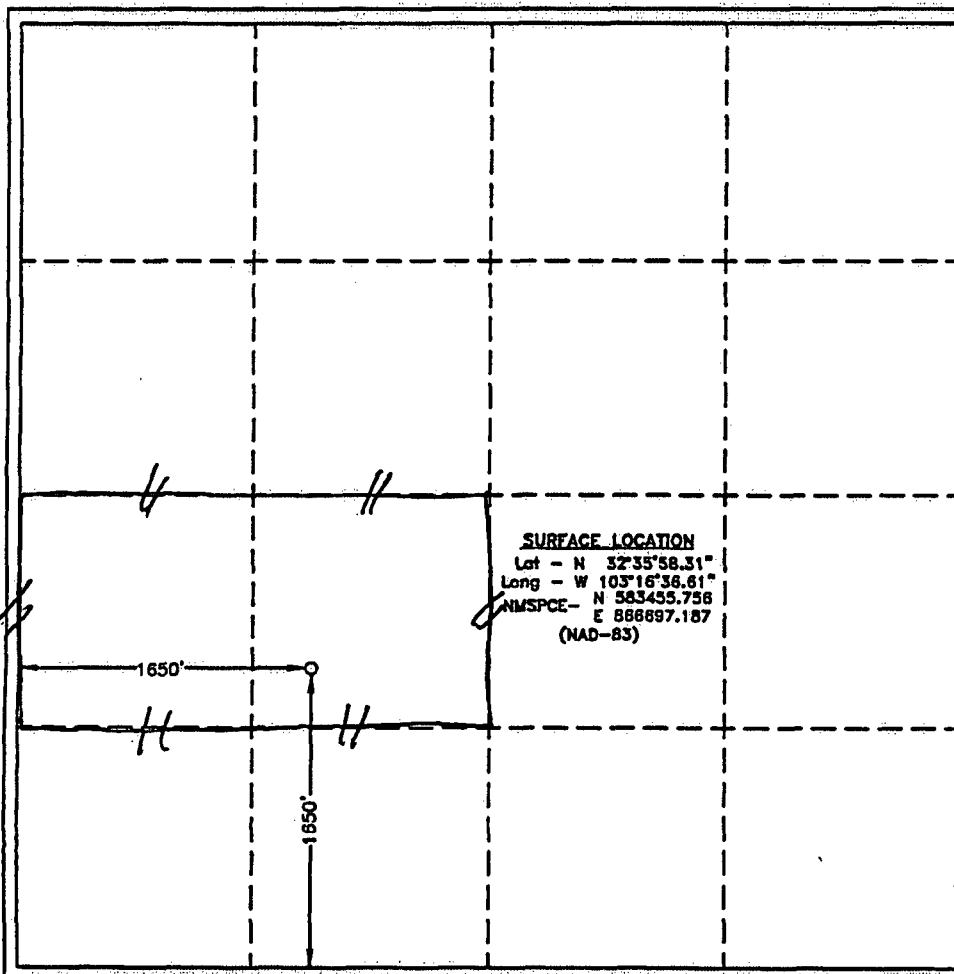
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	20 S	37 E		1650	SOUTH	1650	WEST	LEA

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
Dedicated Acres 80	Joint or Infill	Consolidation Code	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><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or released mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>Amber Cooke</i> 6/29/10 Signature Date</p> <p>Amber Cooke Printed Name</p> <p><b>SURVEYOR CERTIFICATION</b></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><i>Gary L. Jones</i> Date Surveyed Signature &amp; Seal of Professional Surveyor</p> <p>Certificate No. Gary L. Jones 7977</p> <p>BASIN SURVEYS</p>
---	--



DISTRICT I  
1825 E. French Dr., Hobbs, NM 88240

DISTRICT II  
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DISTRICT III  
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WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39564	Pool Code 97060	Pool Name Monument ; Drinkard
Property Code 306595	Property Name BERTHA BARBER	Well Number 22
OGUID No. 873	Operator Name APACHE CORPORATION	Elevation 3563'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	20 S	37 E		1650	SOUTH	1650	WEST	LEA

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
Dedicated Acres 40		Joint or Infill	Consolidation Code		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

	<b>OPERATOR CERTIFICATION</b>  I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.  Signature: <u>Amber Cooke</u> Date: <u>6/29/10</u>  Printed Name: <u>Amber Cooke</u>
	<b>SURVEYOR CERTIFICATION</b>  I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.  Date Surveyed: <u>OCTOBER 22, 2009</u> Signature & Seal of Professional Surveyor: <u>[Signature]</u> Certificate No. Gary L. Jones 7977
	<b>BASIN SURVEYS</b>

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WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-025-39565		* Pool Code 47090	* Pool Name Monument; Tubb
* Property Code 306595	* Property Name Bertha Barber		* Well Number 023
* OGRID No. 873	* Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		* Elevation 3562' GR

<sup>10</sup> Surface Location

UL or lot no. L	Section 5	Township 20S	Range 37E	Lot Idn	Feet from the 2290	North/South line South	Feet from the 990	East/West line West	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 40									
<sup>13</sup> Joint or Infill									
<sup>14</sup> Consolidation Code									
<sup>15</sup> Order No.									

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div>16</div>	<div><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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order hereby entered by the division. <div>Signature: <u>Reesa Holland</u> Date: <u>08/25/2010</u></div><div>Printed Name: <u>Reesa Holland</u></div></div>		
	<div><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. <div>Date of Survey: _____ Signature and Seal of Professional Surveyor: _____</div></div>		
	Certificate Number		

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District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

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WELL LOCATION AND ACREAGE DEDICATION PLAT

* API Number 30-025-39565		* Pool Code 46970	* Pool Name Monument; Abo
* Property Code 306595	* Property Name Bertha Barber		* Well Number 023
* OGRID No. 873	* Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		* Elevation 3562' GR

<sup>10</sup> Surface Location

UL or lot no. L	Section 5	Township 20S	Range 37E	Lot Idn	Feet from the 2290	North/South line South	Feet from the 990	East/West line West	Lea	County
--------------------	--------------	-----------------	--------------	---------	-----------------------	---------------------------	----------------------	------------------------	-----	--------

<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
* Dedicated Acres 40		* Joint or Infill		* Consolidation Code		* Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<div style="border: 1px solid black; padding: 5px; margin: 10px;"> <p>16</p> </div>				<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, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i></p> <p><u>Reesa Holland</u> 08/25/2010</p> <p>Signature Date</p> <p>Reesa Holland</p> <p>Printed Name</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>

# State of New Mexico

## DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

## DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

## OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.  
Santa Fe, New Mexico 87505

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

## DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

## DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

## WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number <b>30-025-39582</b>	Pool Code <b>47080</b>	Pool Name <b>Monument; Paddock</b>
Property Code <b>306595</b>	Property Name <b>BERTHA BARBER</b>	Well Number <b>24</b>
OGRID No. <b>873</b>	Operator Name <b>APACHE CORPORATION</b>	Elevation <b>3561'</b>

### 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	5	20-S	37-E		2130	NORTH	330	WEST	LEA

### 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
Dedicated Acres <b>40.0</b>	Joint or Infill	Consolidation Code	Order No.						

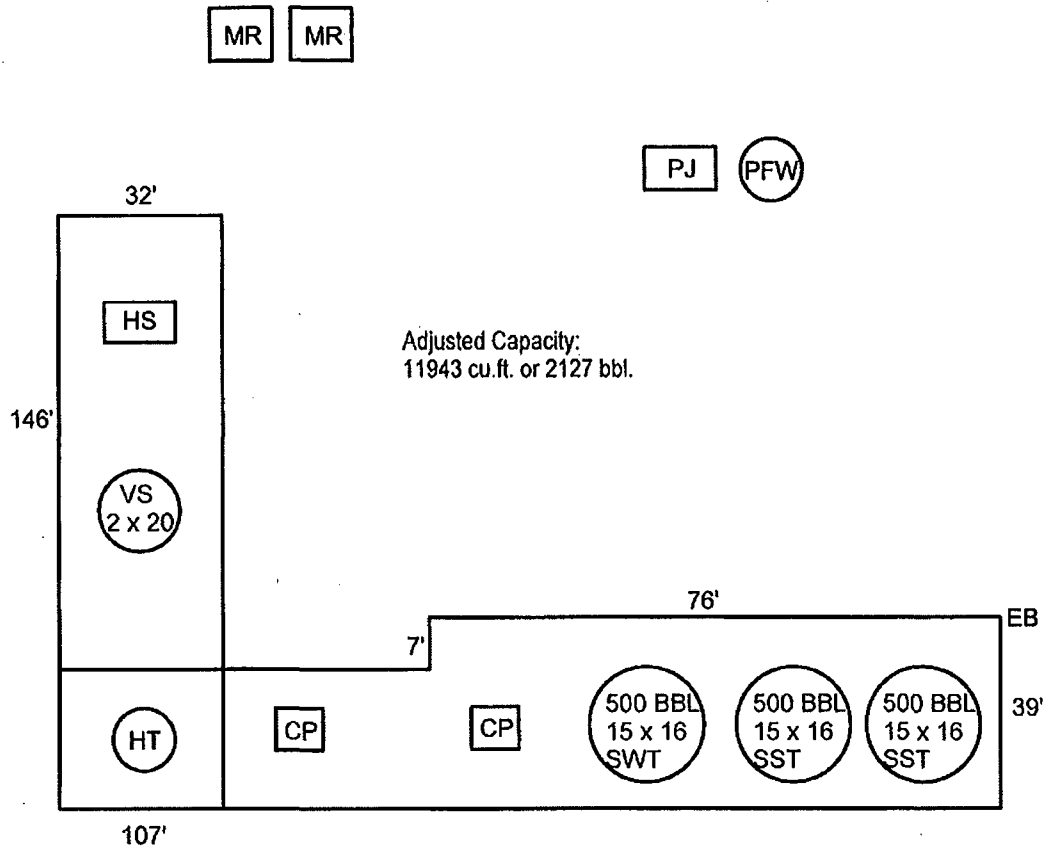
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED  
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	<p>GEODETIC COORDINATES NAD 27 NME</p> <p>Y=584907.0 N X=824182.2 E</p> <p>LAT.=32.603603° N LONG.=103.280637° W LAT.=32°36'12.97" N LONG.=103°16'50.29" W</p>	<p><b>OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>[Signature]</i> 05/21/13 Signature Date <b>Fatima Vasquez</b> Printed Name</p> <p><b>SURVEYOR CERTIFICATION</b></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>NOVEMBER 4, 2009 Date Surveyed Signature &amp; Seal of Professional Surveyor <i>[Signature]</i> 0911-0980 Certificate No. <b>GARY EIDSON 12841</b> <b>RONALD J. EIDSON 3239</b></p>
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# Bertha Barber Battery

**NORTH**

**Direction of Flow**



Not to scale

Apache Corporation	
Bertha Barber Battery	
Lea Co., NM	
Sec. 5-20S-37E	
N 32.6008	W 103.2768





Apache Corporation	
Bertha Barber Battery	
Lea Co., NM	
Sec. 5-20S-37E	
N 32.6008	W 103.2768



ReportKey	Completion Name	Date	Well Test Oil Production
7647	BARBER, BERTHA #04 OP 6/09	01/30/2013	0
7647	BARBER, BERTHA #04 OP 6/09	02/21/2013	0
7647	BARBER, BERTHA #04 OP 6/09	03/28/2013	0
7647	BARBER, BERTHA #04 OP 6/09	04/29/2013	0
7647	BARBER, BERTHA #04 OP 6/09	05/25/2013	0
7647	BARBER, BERTHA #04 OP 6/09	06/22/2013	0
227733	BARBER, BERTHA #08	01/30/2013	0
227733	BARBER, BERTHA #08	02/21/2013	0
227733	BARBER, BERTHA #08	03/28/2013	0
227733	BARBER, BERTHA #08	04/29/2013	0
227733	BARBER, BERTHA #08	05/25/2013	0
227733	BARBER, BERTHA #08	06/22/2013	0
7649	BARBER, BERTHA #11 OP 6/09	01/30/2013	0
7649	BARBER, BERTHA #11 OP 6/09	02/21/2013	0
7649	BARBER, BERTHA #11 OP 6/09	03/28/2013	0
7649	BARBER, BERTHA #11 OP 6/09	04/29/2013	0
7649	BARBER, BERTHA #11 OP 6/09	05/25/2013	0
7649	BARBER, BERTHA #11 OP 6/09	06/22/2013	0
7650	BARBER, BERTHA #13 OP 6/09	01/30/2013	0
7650	BARBER, BERTHA #13 OP 6/09	02/21/2013	0
7650	BARBER, BERTHA #13 OP 6/09	03/28/2013	0
7650	BARBER, BERTHA #13 OP 6/09	04/29/2013	0
7650	BARBER, BERTHA #13 OP 6/09	05/25/2013	0
7650	BARBER, BERTHA #13 OP 6/09	06/22/2013	0
7651	BARBER, BERTHA #14 OP 6/09	01/30/2013	0
7651	BARBER, BERTHA #14 OP 6/09	02/21/2013	0
7651	BARBER, BERTHA #14 OP 6/09	03/28/2013	0
7651	BARBER, BERTHA #14 OP 6/09	04/29/2013	0
7651	BARBER, BERTHA #14 OP 6/09	05/25/2013	0
7651	BARBER, BERTHA #14 OP 6/09	06/22/2013	0
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/07/2013	0
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/08/2013	0
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/09/2013	0
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/10/2013	3.0
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/11/2013	22
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/12/2013	17
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/14/2013	9
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/15/2013	8
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/16/2013	8
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/17/2013	10
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/18/2013	10
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/19/2013	7
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/21/2013	7
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/22/2013	11
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/23/2013	22
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/24/2013	19
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/25/2013	22
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/26/2013	27
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/27/2013	27
227546	<u>BARBER, BERTHA #16 (ABO)</u>	02/28/2013	30

227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/01/2013	27
227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/02/2013	24
227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/03/2013	25
227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/04/2013	25
227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/05/2013	20
227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/06/2013	8
227546	<u>BARBER, BERTHA #16 (ABO)</u>	03/28/2013	12
227546	<u>BARBER, BERTHA #16 (ABO)</u>	04/29/2013	9
227546	<u>BARBER, BERTHA #16 (ABO)</u>	05/25/2013	9
227546	<u>BARBER, BERTHA #16 (ABO)</u>	06/22/2013	0
227542	<u>BARBER, BERTHA #17 (TUBB)</u>	02/21/2013	4.0
227542	<u>BARBER, BERTHA #17 (TUBB)</u>	03/28/2013	3.0
227542	<u>BARBER, BERTHA #17 (TUBB)</u>	04/29/2013	3.0
227542	<u>BARBER, BERTHA #17 (TUBB)</u>	05/25/2013	2.00
227542	<u>BARBER, BERTHA #17 (TUBB)</u>	06/22/2013	3.0
246400	<u>BARBER, BERTHA #22 (TUBB)</u>	02/21/2013	14
246400	<u>BARBER, BERTHA #22 (TUBB)</u>	03/28/2013	10
246400	<u>BARBER, BERTHA #22 (TUBB)</u>	04/29/2013	3.0
246400	<u>BARBER, BERTHA #22 (TUBB)</u>	05/25/2013	5
246400	<u>BARBER, BERTHA #22 (TUBB)</u>	06/22/2013	3.0
246401	<u>BARBER, BERTHA #23 (TUBB)</u>	02/21/2013	15
246401	<u>BARBER, BERTHA #23 (TUBB)</u>	03/28/2013	18
246401	<u>BARBER, BERTHA #23 (TUBB)</u>	04/29/2013	9
246401	<u>BARBER, BERTHA #23 (TUBB)</u>	05/25/2013	16
246401	<u>BARBER, BERTHA #23 (TUBB)</u>	06/22/2013	18
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/11/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/12/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/13/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/14/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/15/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/16/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/17/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/18/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/19/2013	0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/24/2013	1.00
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/25/2013	1.00
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/26/2013	1.00
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/27/2013	3.0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/28/2013	4.0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	04/29/2013	6
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/02/2013	3.0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/05/2013	3.0
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/09/2013	9
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/10/2013	9
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/11/2013	6
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/12/2013	8
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	05/25/2013	8
315136	<u>BARBER, BERTHA #24 (PADDOCK)</u>	06/22/2013	8



Well Test Water Production	Well Test Gas Production
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0	90
0	86
0	81
0	89
0	87
0	85
0	17
0	18
0	18
0	17
0	18
0	20
0	1.00
0	1.00
0	1.00
0	1.00
0	1.00
0	0.20
0	5
0	6
0	6
0	4.0
0	5
0	4.0
0	5
0	4.0
0	3.0
0	3.0
0	2.00
0	0.20
100	0
100	0
35	0
160	25
111	35
61	42
59	34
79	28
69	49
80	33
75	30
60	28
93	18
69	45
92	15
78	46
94	57
70	64
127	38
112	43

86	40
126	38
87	45
76	40
62	30
85	17
51	30
50	20
100	4.0
75	1.00
6	66
4.0	65
5	63
4.0	65
3.0	64
164	30
109	19
200	18
240	40
230	35
51	91
88	98
123	88
111	90
100	91
190	0
184	0
189	0
199	7
195	10
220	10
285	12
327	21
289	29
277	6
300	11
302	14
293	14
295	14
299	14
294	14
275	14
305	24
281	16
294	16
301	16
300	14
237	15