

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION
 - Engineering Bureau -
 1220 South St. Francis Drive, Santa Fe, NM 87505



1270

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 _____

Apache Corp.
 5 Pools: Eumont/Blainebray/Tubb
 Drinkard/Eumont Gas
 [20-025-08897-Well #11]
 "McDonald state AC2"
 8 wells: #11, #26,
 #29, #30, #31, #32,
 #33, #35

[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 Fisher
 Signature

SR STAFF REG TECH
 Title

11/12/2013
 Date

MCDONALD STATE AC 2 LEASE

Reesa.Holland@apachecorp.com
 e-mail Address

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: MCDONALD STATE AC 2 LEASE

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

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; Y7RvrsQ (Gas) / 76480	32.0				SEE
Bliebry Oil & Gas (Oil) / 6660	37.0				ATTACHED
Tubb Oil & Gas (Oil) / 60240	37.0				WELL
Eumont; Y7RvrsQ (Oil) / 22800	32.0				TESTS
Drinkard / 19190 (wells plugged off)	37.0				

- (2) Are any wells producing at top allowables? ☐ 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 Fisher TITLE: Sr Staff Regulatory Tech DATE: 11/8/2013

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

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

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, 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
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

¹ API Number 30-025-08897	² Pool Code 76480	³ Pool Name EUMONT; YATES-7 RVRS-QUEEN (GAS)
⁴ Property Code 306616	⁵ Property Name MCDONALD STATE AC 2	⁶ Well Number 011
⁷ OGRID No. 873	⁸ Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705	⁹ Elevation 3441' GL

¹⁰ Surface Location

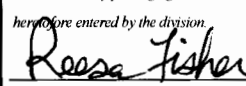
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	22S	36E		330	North	330	East	Lea

¹¹ 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

¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. NSL-160
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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.

16				¹⁷ 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 heretofore entered by the division.  Signature Date Reesa Holland Fisher 11/08/2013 Printed Name
				¹⁸ 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 Surveyor: Certificate Number

DISTRIBUTION: NEW MEXICO OCC

Mr. J. A. Grimes
Mr. L. H. Shearer
Mr. D. V. Kitley
Mr. T. A. Steele
Mr. T. O. Webb

NEW MEXICO OIL CONSERVATION COMM' 'ON
Santa Fe, New Mexico

(Form C-104)
Revised 7/1/57

REQUEST FOR (OIL) - (GAS) ALLOWABLE

NEW Well
Recompletion

This form shall be submitted by the operator before an initial allowable will be assigned to any completed Oil or Gas well. Form C-104 is to be submitted in QUADRUPLICATE to the same District Office to which Form C-101 was sent. The allowable will be assigned effective 7:00 A.M. on date of completion or recompletion, provided this form is filed during calendar month of completion or recompletion. The completion date shall be that date in the case of an oil well when new oil is delivered into the stock tanks. Gas must be reported on 15.025 psia at 60° Fahrenheit.

HOBBES, NEW MEXICO

10/30/58

(Place)

(Date)

WE ARE HEREBY REQUESTING AN ALLOWABLE FOR A WELL KNOWN AS:

THE OHIO OIL COMPANY State McDonald A/C 2, Well No. 11, in NE 1/4, NE 1/4,

(Company or Operator)

(Lease)

A, Sec. 13, T. 22S, R. 36-E, NMPM, Arrowhead Oil - Eumont Gas Pool

Unit Letter

Lea

County. Date Spudded

Dually Date Drilling Completed 10/27/58

Please indicate location:

Elevation 3452' DF Total Depth 3735' PBD 3716'

Top Oil/Gas Pay 3458' Name of Prod. Form. Queen

PRODUCING INTERVAL -

Perforations 3458' - 3496'

Open Hole Depth 3632' Casing Shoe 3648'

OIL WELL TEST -

Natural Prod. Test: bbls. oil, bbls water in hrs, min. Size Choke

Test After Acid or Fracture Treatment (after recovery of volume of oil equal to volume of load oil used): bbls. oil, bbls water in hrs, min. Size Choke

GAS WELL TEST -

Natural Prod. Test: MCF/Day; Hours flowed Choke Size

Tubing, Casing and Cementing Record

Size	Feet	SAN
9-5/8	362'	175
7"	3632'	300
2-3/8	3648'	

Method of Testing (pitot, back pressure, etc.):

Test After Acid or Fracture Treatment: 845 MCF/Day; Hours flowed 3

Choke Size 1/4 Method of Testing: Multi-pt. back press. AOF - 1,267 MCFPD

Acid or Fracture Treatment (Give amounts of materials used, such as acid, water, oil, and sand): Acidized w/750 mud acid & treated w/10,000 gals 1#/gal sand/oil

Casing Press. 2400 Tubing Press. 2600 Date first new oil run to tanks

Oil Transporter Texas-New Mexico Pipe Line Company

Gas Transporter Permian Basin Pipe Line Company

Remarks: Dual completion approved by New Mexico Oil Conservation Commission Order #DC-643, 8/19/58.

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

Approved: 19

THE OHIO OIL COMPANY

(Company or Operator)

OIL CONSERVATION COMMISSION

By: D. C. Morris (Signature)

By: [Signature]

Title: Asst. Supt.

Title:

Send Communications regarding well to:

Name: The Ohio Oil Company

Address: Box 2107, Hobbs, New Mexico

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
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

☐ AMENDED REPORT

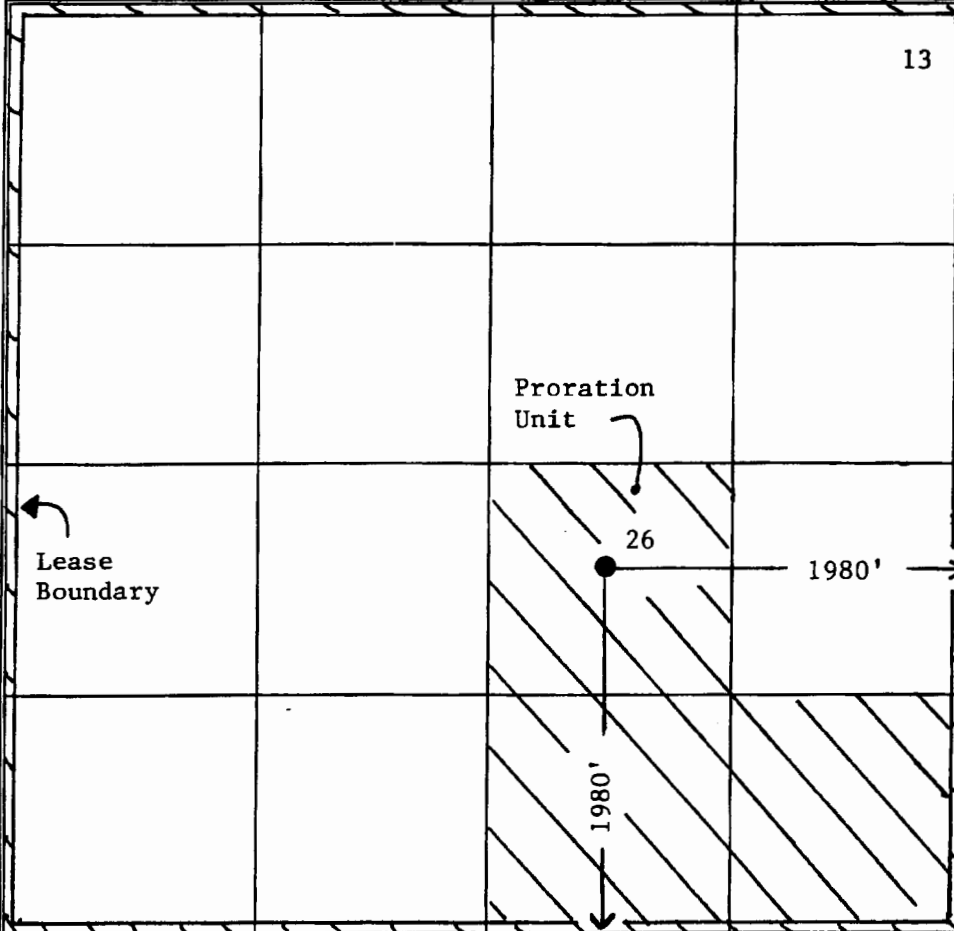
WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-08909		² Pool Code 76480		³ Pool Name Eumont (Yates, 7R, Queen)	
⁴ Property Code 6436		⁵ Property Name McDonald State A/C 2			⁶ Well Number 26
⁷ OGRID No. 14021		⁸ Operator Name Marathon Oil Company			⁹ Elevation 3468'

¹⁰ Surface Location									
UL or lot no.	Section	Township	Range	Lot. Idn	Feet from the	North/South Line	Feet from the	East/West line	County
J	13	22-S	36-E		1980	South	1980	East	Lea

¹¹ 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
¹² Dedicated Acres 120		¹³ Joint or Infill N		¹⁴ Consolidation Code NA		¹⁵ Order No. NSP-440-B			

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>¹⁷ 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>Rick Gaddis</i></p> <p>Signature Rick Gaddis</p> <p>Printed Name Advanced Production Engineer</p> <p>Title May 13, 1996</p> <p>Date</p>
	<p>¹⁸ 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>

HOBBS OCD

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

AUG 30 2013

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised 1-1-89

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

RECEIVED

OIL CONSERVATION DIVISION

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

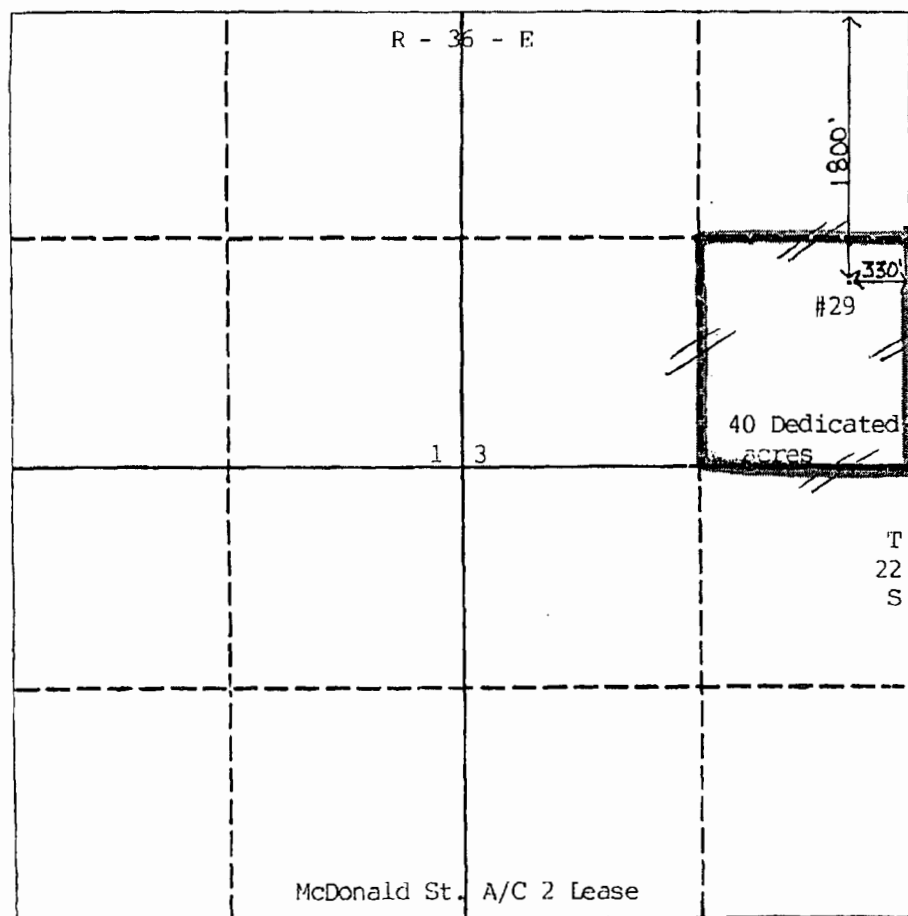
Operator Marathon Oil Company			Lease McDonald State A/C 2		Well No. 29
Unit Letter H	Section 13	Township 22-S	Range 36-E	County NMPM	Lea
Actual Footage Location of Well: 1800 feet from the North line and 330 feet from the East line					
Ground level Elev. 3452'	Producing Formation Blinebry		Pool Blinebry Oil & Gas		Dedicated Acreage: 40 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 the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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
Carl A. Bagwell
Printed Name
Carl A. Bagwell
Position
Engineering Tech
Company
Marathon Oil Company
Date
7/9/91

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.

DHC - HOB - 0523

SEP 04 2013

AUG 30 2013

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

RECEIVED

Santa Fe, NM 87505

Free Lease - 3 Copies

☐ AMENDED REPORT

¹ API Number 30-025-25884		¹ Pool Code 60240	¹ Pool Name Tubb Oil & Gas (Oil)
¹ Property Code 306616	¹ Property Name McDonald State AC 2		¹ Well Number 029
¹ OGRID No. 873	¹ Operator Name Apache Corporation: 303 Veterans Airpark Lane, Suite 3000 Midland, TX 79705		¹ Elevation 3452' GL

Surface Location									
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the North/South line	Feet from the East/West line	County		
H	13	22S	36E	1800	North	330	East	Lea	

Bottom Hole Location 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

10 Dedicated Acres 40	11 Joint or Infill	12 Consolidation Code	13 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.

16		<p style="text-align: center;">¹⁷ 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 undivided 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> <hr/> <div style="display: flex; justify-content: space-between;"> Signature <i>Reesa Fisher</i> Date 08/30/2013 </div> <hr/> <div style="display: flex; justify-content: space-between;"> Printed Name Reesa Holland Fisher </div>
		<p style="text-align: center;">¹⁸ 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/> <div style="display: flex; justify-content: space-between;"> Date of Survey Signature and Seal of Professional Surveyor: </div> <hr/> <div style="display: flex; justify-content: space-between;"> Certificate Number </div>

DHC-40B-0523

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

RECEIVEDState of New Mexico
Energy, Minerals & Natural Resources Department

MAY 12 2009 CONSERVATION DIVISION

HOBBSOCD1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-25926		¹ Pool Code 6660		¹ Pool Name Blinbry Oil and Gas	
⁴ Property Code 006436		⁴ Property Name Mc Donald State AC 2			⁴ Well Number 30
¹ OGRID No. 14021		⁴ Operator Name Marathon Oil Company			⁴ Elevation 3443'

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	22-S	36-E		660'	North	330'	East	Lea

¹¹ 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

¹² Dedicated Acres 40	¹² Joint or Infill N	¹² Consolidation Code	¹² 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 	¹⁷ 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 heretofore entered by the division.	
	Signature <u>Rick R. Schell</u> Date <u>12-30-08</u>	
	Printed Name <u>RICK R. SCHELL</u> <u>Rick R. Schell</u> REGULATORY COMPLIANCE REP	
	¹⁸ 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 Surveyor: _____ Certificate Number _____		

District I

1625 N. French Dr., Hobbs, NM 88240

District II

1301 W. Grand Avenue, Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

RECEIVED State of New Mexico
 Energy, Minerals & Natural Resources Department
MAY 01 2008 CONSERVATION DIVISION
HOBBS 1220 South St. Francis Dr.
 Santa Fe, NM 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

☐ AMENDED REPORT**WELL LOCATION AND ACREAGE DEDICATION PLAT**

* API Number 30-025-25926		* Pool Code 60240 86410	* Pool Name TUBB O+G (OIL)
* Property Code 006436	* Property Name Mc Donald State AC 2		* Well Number 30
* OGRID No. 14021	* Operator Name Marathon Oil Company		* Elevation 3443'

10 Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	13	22-S	36-E		660'	North	330'	East	Len

11 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 N	* 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="text-align: center;">16</div>	17 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 heretofore entered by the division.	
	Signature: <i>Rich R. Schell</i> Date: <i>12-20-08</i> Printed Name: <i>Rich R. Schell</i> Regulatory Compliance Rep.	
	18 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 Surveyor: Certificate Number:	

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
2040 South Pacheco, Santa Fe, NM 87505

State of New Mexico
Bureau of Geology, 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

¹ API Number 30-025-25932		² Pool Code 76480		³ Pool Name Eumont:Yates,7-Rivers, Queen	
⁴ Property Code 6436		⁵ Property Name McDonald State A/C 2			⁶ Well Number 31
⁷ OGRID No. 014021		⁸ Operator Name Marathon Oil Company			⁹ Elevation GL: 3471'

¹⁰ Surface Location

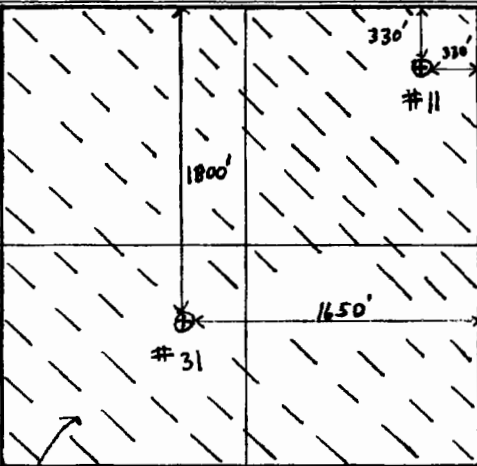
UL or lot no. G	Section 13	Township 22-S	Range 36-E	Lot. Idn	Feet from the 1800	North/South Line North	Feet from the 1650	East/West line East	County Lea
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¹¹ Bottom Hole Location If Different From Surface

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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¹² Dedicated Acres 160	¹³ Joint or Infill Y	¹⁴ Consolidation Code NA	¹⁵ Order No. For McDonald A/C 2 #11 ; NSP - 439
--------------------------------------	------------------------------------	--	---

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

				¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief. Signature Thomas P. Kacir Printed Name Thomas P. Kacir Title Production Engineer Date June 7, 1999	
				¹⁸ 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	

NEW MEXICO OIL CONSERVATION COMMISSION
WELL LOCATION AND ACREAGE DEDICATION PLAT

Form O-102
Supersedes C-128
Effective 1-1-65

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

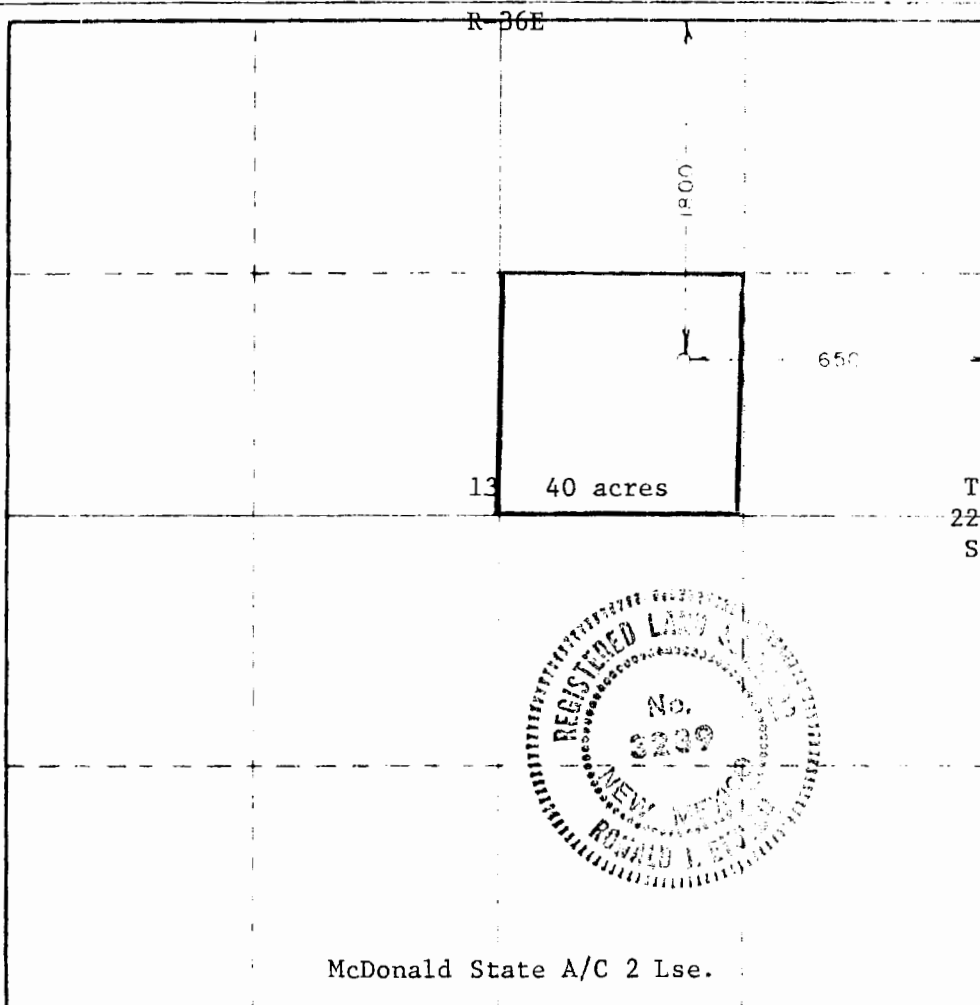
Operator Marathon Oil Co.		Lease McDonald St. Account 2		Well No. 31
Section G	Section 13	Range 22 South	Range 36 East	County Leo
Acreage Location of Well:				
1800	feet from the	North	1650	feet from the
				East
Producing Formation 3471.2	Producing Formation Drinkard		Producing Formation Drinkard	
			Section Acreage 40	Acres

- Outline the acreage dedicated to the subject well by colored pencil or hairpencil 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 interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☒ No If answer is "yes" type of consolidation _____

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

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



CERTIFICATION

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

Wallis R. Huch

Production Engineer

Marathon Oil Company

May 12, 1978

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

5/8/78

Registered Professional Engineer
and Licensed Surveyor

Ronald J. Eidson

Certificate No. **John W. West 676**
Ronald J. Eidson 3239

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

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

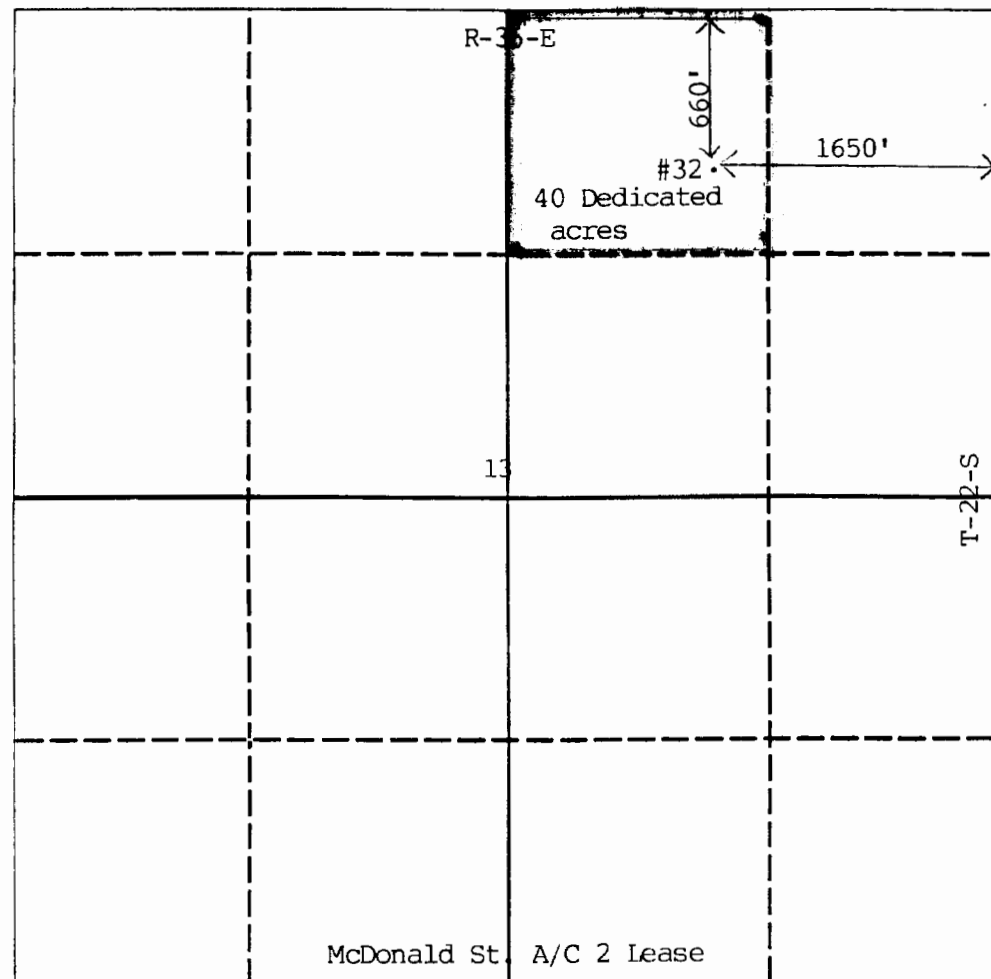
P.O. Box 2088
Santa Fe, New Mexico 87504-2088

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease McDonald State A/C 2		Well No. 32
Unit Letter B	Section 13	Township 22-S	Range 36-E	County NMPM	Lea
Actual Footage Location of Well: 660' feet from the North line and 1650' feet from the East line					
Ground level Elev. 3460'	Producing Formation Blinebry		Pool Blinebry Oil & Gas		Dedicated Acreage: 40 Acres

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the 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 allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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
Carl A. Bagwell
Printed Name
Carl A. Bagwell
Position
Engineering Tech
Company
Marathon Oil Company
Date
7/9/91

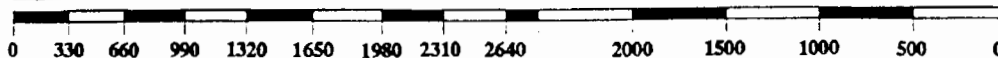
SURVEYOR CERTIFICATION

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.



O' CONSERVATION DIVISION

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

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

Form C-102
Revised 10-1-78

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

Operator Marathon Oil Company			Lease McDonald St. A/C 2			Well No. 33
Unit Letter I	Section 13	Township 22S	Range 36E	County Lea		
Actual Footage Location of Well:						
330 feet from the		East	line and		2160 feet from the	South line
Ground Level Elev. 3446	Producing Formation Blinebry		Pool Blinebry		Dedicated Acreage: 40 Acres	

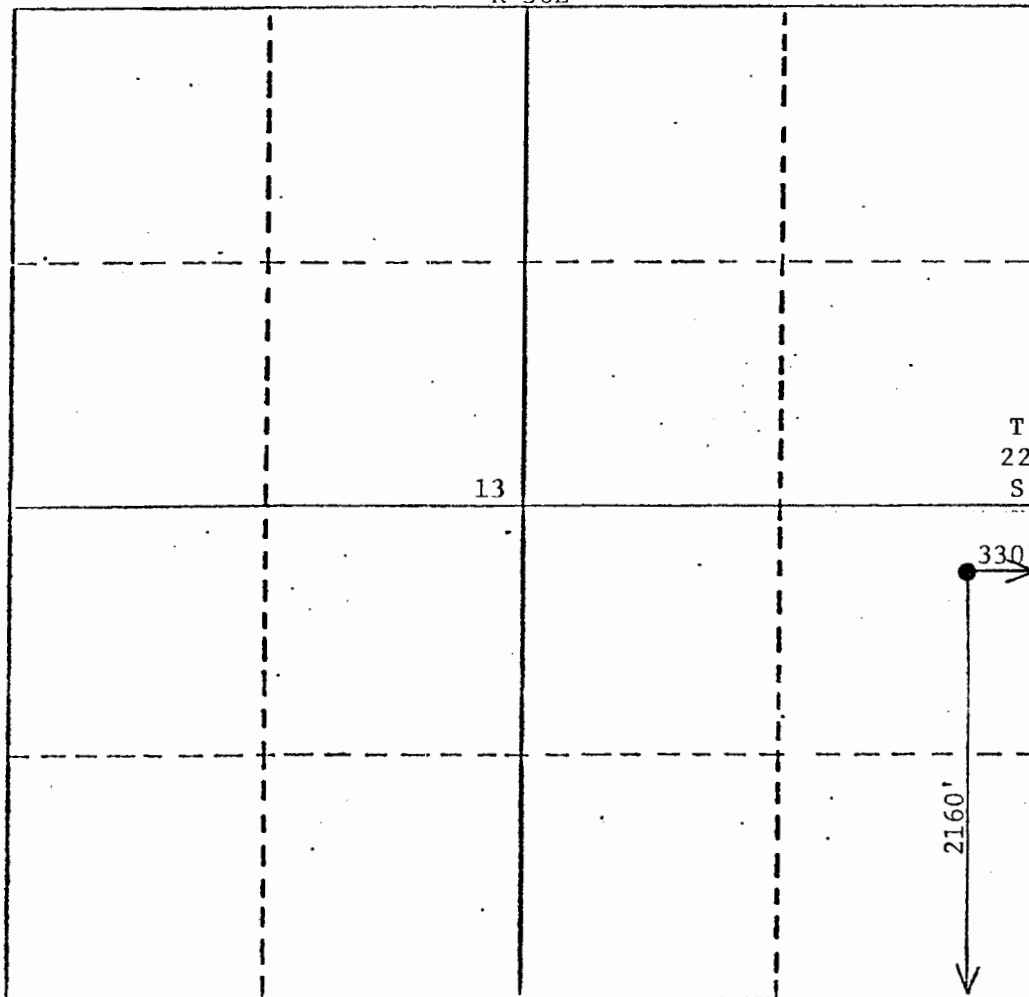
1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is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

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

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

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

R-36E



CERTIFICATION

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

Thomas F. Zapatka

Name
Thomas F. Zapatka
Position
Production Engineer
Company
Marathon Oil Company

Date
September 13, 1982

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
June 22, 1978
Registered Professional Engineer
and/or Land Surveyor

John West

Certificate No.

676

0 330 660 990 1320 1650 1980 2310 2640 2970 3300 3630 3960 4290 4620 4950 5280 5610 5940 6270 6600

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

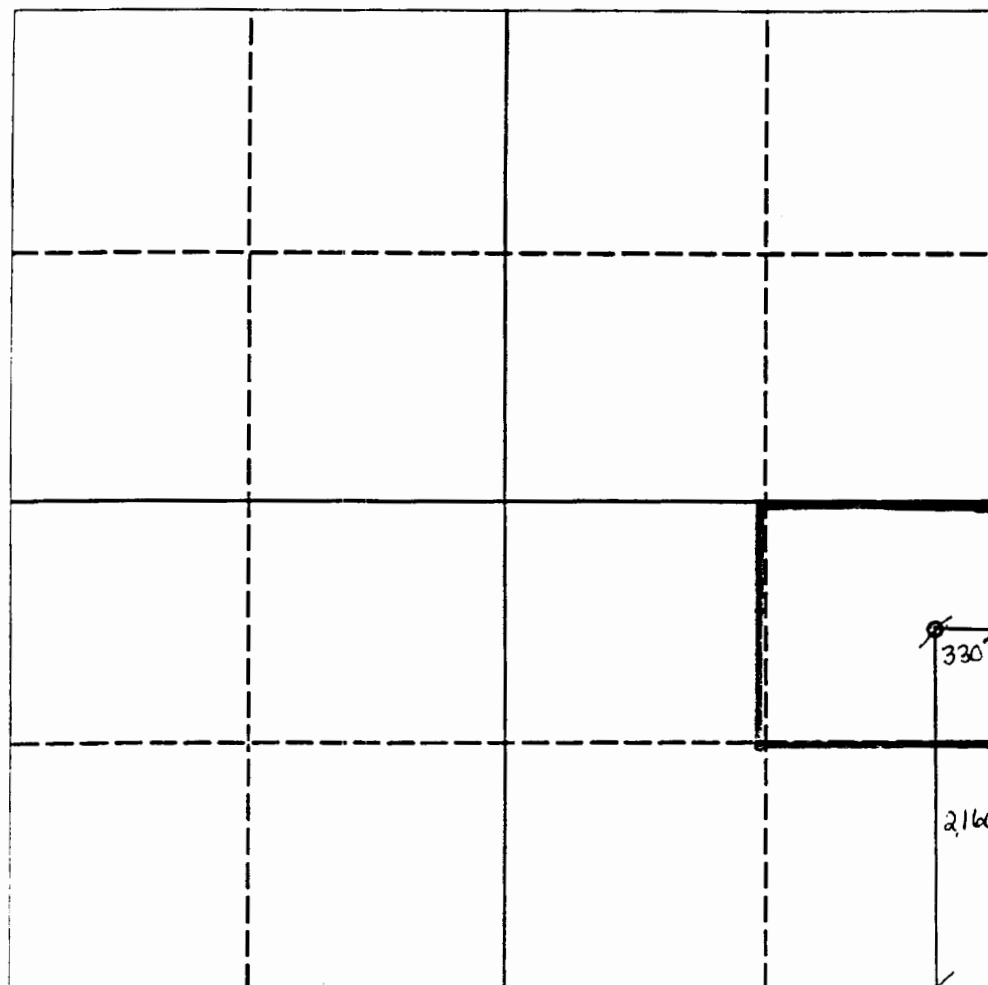
DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

All Distances must be from the outer boundaries of the section

Operator Marathon Oil Company			Lease McDonald ST A/C 2		Well No. 33
Unit Letter I	Section 13	Township 22-S	Range 36-E	County Lea	
Actual Footage Location of Well: 330' feet from the East line and 2160' feet from the South line					
Ground level Elev. 3446'	Producing Formation Penrose		Pool Eumont Oil & Gas		Dedicated Acreage: 40 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 allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interest, 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

Thomas M. Price

Printed Name

Thomas M. Price

Position

Adv. Engineering Tech

Company

Marathon Oil Company

Date

April 1, 1993

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.

0 330 660 990 1320 1650 1980 2310 2640 2000 1500 1000 500 0

DISTRICT I
P.O. Box 460, Hobbs, NM 88241-1980

DISTRICT II
P.O. Drawer DD, Artesia, NM 88211-0719

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

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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised February 10, 1994
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

OIL CONSERVATION DIVISION

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-33397	Pool Code 76480	Pool Name EUMONT (YATES, 7R, QUEEN)
Property Code 6436	Property Name McDONALD STATE AC. 2	Well Number 35
OGRID No. 14021	Operator Name MARATHON OIL COMPANY	Elevation 3497

Surface Location

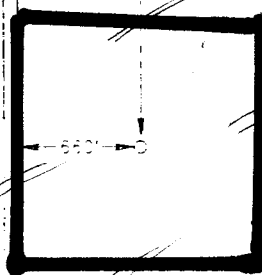
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	13	22 S	36 E		1980	NORTH	660	WEST	LEA

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
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Dedicated Acres 640 160	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

					OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. W.J. Duman FORDPN Signature D. P. NORDT Printed Name DRILLING SUPERINTENDENT Title 4/22-96 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 10, 1996 Date Surveyed Signature & Seal of Professional Surveyor Ronald J. Duman 4-11-96 Certificate No. 0445			
					DMCC			
					0445			

Well Test History Report

Page 1 of 3
11/8/2013 9:48:48 am

Select By: Field

Display: All well tests between 05/01/2013 - 11/06/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: EUNICE SOUTH														
MCDONALD STATE AC 2 #11 (YATES 7 RIVERS)														
5/16/2013	5/16/2013	24	A	4	1	102	3	0	102,000	25,500	0	0	25,500	
6/11/2013	6/11/2013	24	A	8	1	142	7	0	142,000	17,750	0	0	17,750	
7/2/2013	7/2/2013	24	A	2	1	101	1	0	101,000	50,500	0	0	50,500	
8/16/2013	8/16/2013	24	A	8	2	130	6	0	86,667	17,333	0	0	17,333	
9/2/2013	9/2/2013	24	A	4	1	120	3	0	100,000	28,571	0	0	28,571	
10/16/2013	10/16/2013	24	A	3	1	99	2	0	99,000	33,000	0	0	33,000	
Averages by Completion				5	1	116	4	0						
MCDONALD STATE AC 2 #26														
5/30/2013	5/30/2013	24	A	0	0	2	0	0						
6/25/2013	6/25/2013	24	A	0	0	1	0	0						
7/4/2013	7/4/2013	24	A	0	0	1	0	0						
8/18/2013	8/18/2013	24	A	0	0	58	0	0						
9/3/2013	9/3/2013	24	A	0	0	55	0	0						
10/31/2013	10/31/2013	24	A	0	0	20	0	0						
Averages by Completion				0	0	23	0	0						
MCDONALD STATE AC 2 #29 (BLINEBRY)														
5/12/2013	5/12/2013	24	A	0	0	1	0	0						
6/25/2013	6/25/2013	24	A	0	0	1	0	0						
9/16/2013	9/16/2013	24	A	72	12	12	60	0	1,000	167	0	0	167	
9/17/2013	9/17/2013	24	A	67	11	10	56	0	909	149	0	0	149	
9/18/2013	9/18/2013	24	A	65	10	9	55	0	900	138	0	0	138	
9/19/2013	9/19/2013	24	A	65	9	10	56	0	1,111	154	0	0	154	
9/21/2013	9/21/2013	24	A	139	7	10	132	0	1,429	72	0	0	72	
9/22/2013	9/22/2013	24	A	178	9	6	169	0	667	34	0	0	34	
9/23/2013	9/23/2013	24	A	170	7	6	163	0	857	35	0	0	35	
9/24/2013	9/24/2013	24	A	172	8	7	164	0	875	41	0	0	41	
9/25/2013	9/25/2013	24	A	184	60	48	124	0	800	261	0	0	261	
9/26/2013	9/26/2013	24	A	178	46	60	132	0	1,304	337	0	0	337	
9/28/2013	9/28/2013	24	A	215	50	60	165	0	1,200	279	0	0	279	
9/29/2013	9/29/2013	24	A	274	60	66	214	0	1,100	241	0	0	241	
9/30/2013	9/30/2013	24	A	269	65	61	204	0	938	227	0	0	227	
10/1/2013	10/1/2013	24	A	237	70	55	167	0	786	232	0	0	232	
10/2/2013	10/2/2013	24	A	262	66	54	196	0	818	206	0	0	206	

** All values are recorded using imperial units.

Well Test History Report

Select By: Field

Display: All well tests between 05/01/2013 - 11/06/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: EUNICE SOUTH														
MCDONALD STATE AC 2 #29 (BLINEBRY)														
10/3/2013	10/3/2013	24	A	267	57	63	210	0	1,105	236	0	0	236	
10/4/2013	10/4/2013	24	A	264	59	50	205	0	847	189	0	0	189	
10/5/2013	10/5/2013	24	A	272	61	51	211	0	836	188	0	0	188	
10/6/2013	10/6/2013	24	A	260	60	49	200	0	817	188	0	0	188	
10/7/2013	10/7/2013	24	A	239	52	50	187	0	962	209	0	0	209	
10/8/2013	10/8/2013	24	A	247	54	50	193	0	926	202	0	0	202	
10/10/2013	10/10/2013	24	A	239	49	51	190	0	1,041	213	0	0	213	
10/11/2013	10/11/2013	24	A	249	51	50	198	0	980	201	0	0	201	
10/12/2013	10/12/2013	24	A	236	49	50	187	0	1,020	212	0	0	212	
10/13/2013	10/13/2013	24	A	221	44	48	177	0	1,091	217	0	0	217	
10/14/2013	10/14/2013	24	A	242	43	48	199	0	1,116	198	0	0	198	
Averages by Completion				189	38	37	151	0						
MCDONALD STATE AC 2 #30 (BLINEBRY)														
5/18/2013	5/18/2013	24	A	85	7	11	78	0	1,571	129	0	0	129	
6/16/2013	6/16/2013	24	A	109	9	18	100	0	2,000	165	0	0	165	
7/31/2013	7/31/2013	24	A	107	8	17	99	0	2,125	159	0	0	159	
8/20/2013	8/20/2013	24	A	119	9	18	110	0	2,000	151	0	0	151	
9/4/2013	9/4/2013	24	A	105	7	18	98	0	2,571	171	0	0	171	
10/21/2013	10/21/2013	24	A	78	9	36	69	0	4,000	462	0	0	462	
Averages by Completion				101	8	20	92	0						
MCDONALD STATE AC 2 #32														
5/21/2013	5/21/2013	24	A	38	3	15	35	0	6,000	400	0	0	400	
6/20/2013	6/20/2013	24	A	43	3	16	40	0	5,333	372	0	0	372	
7/8/2013	7/8/2013	24	A	44	3	17	41	0	5,667	386	0	0	386	
8/22/2013	8/22/2013	24	A	202	4	11	198	0	2,750	54	0	0	54	
9/5/2013	9/5/2013	24	A	158	3	15	155	0	5,000	95	0	0	95	
10/23/2013	10/23/2013	24	A	189	4	10	185	0	2,500	53	0	0	53	
Averages by Completion				112	3	14	109	0						
MCDONALD STATE AC 2 #33 (YATES 7 RIVERS)														
5/27/2013	5/27/2013	24	A	31	3	10	28	0	3,333	323	0	0	323	
6/23/2013	6/23/2013	24	A	38	2	1	36	0	500	26	0	0	26	

** All values are recorded using imperial units.

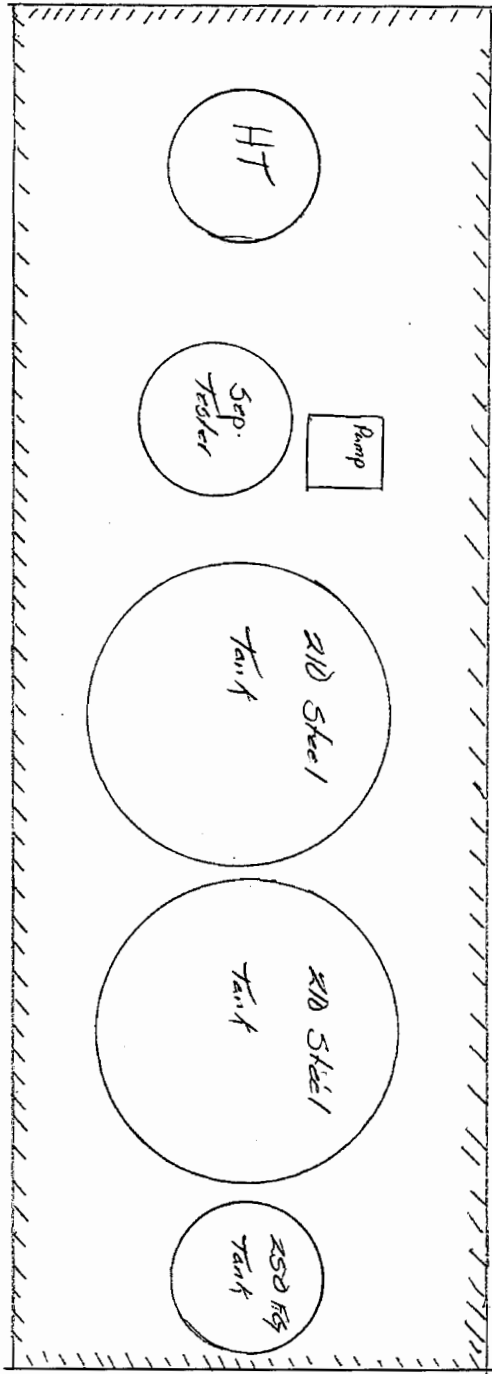
Well Test History Report

Select By: Field

Display: All well tests between 05/01/2013 - 11/06/2013

Test Date	Effective Date	Measured Hours	Type	24 Hour Volumes					Ratios					Fluid Level
				Gr Liquid	OIL	GAS	WAT	LIFT	GOR	GLR	IGOR	IGLR	TGLR	
Field: EUNICE SOUTH														
MCDONALD STATE AC 2 #33 (YATES 7 RIVERS)														
7/31/2013	7/31/2013	24	A	35	2	1	33	0	500	29	0	0	29	
8/24/2013	8/24/2013	24	A	38	3	9	35	0	3,000	237	0	0	237	
9/6/2013	9/6/2013	24	A	35	2	10	33	0	5,000	286	0	0	286	
10/25/2013	10/25/2013	24	A	35	3	8	32	0	2,667	229	0	0	229	
Averages by Completion				35	3	7	33	0						
MCDONALD STATE AC 2 #35														
5/30/2013	5/30/2013	24	A	1	0	33	1	0	330,000	30,000	0	0	30,000	
6/25/2013	6/25/2013	24	A	2	1	37	1	0	37,000	18,500	0	0	18,500	
7/11/2013	7/11/2013	24	A	2	1	36	1	0	36,000	18,000	0	0	18,000	
8/26/2013	8/26/2013	24	A	3	1	39	2	0	39,000	13,000	0	0	13,000	
9/7/2013	9/7/2013	24	A	3	1	35	2	0	35,000	11,667	0	0	11,667	
10/29/2013	10/29/2013	24	A	2	1	33	1	0	33,000	16,500	0	0	16,500	
Averages by Completion				2	1	36	1	0						

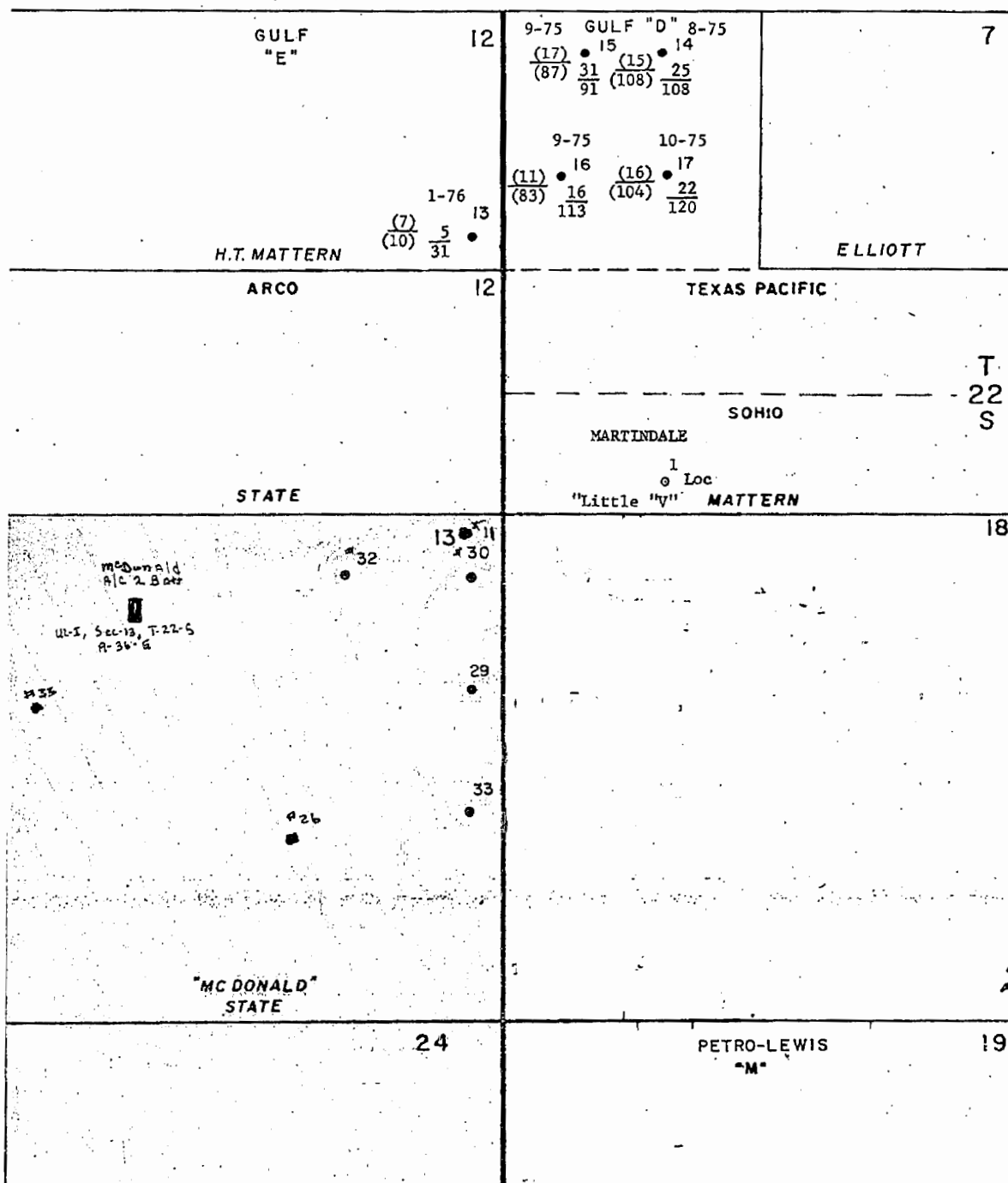
** All values are recorded using imperial units.



McDonald A/C & Battery
Unit-I, Sec. 13, T-RX-5, R-36-E

R-36-E

R-37-E



NOTE: Only wells penetrating the DRINKARD are shown.

LEGEND

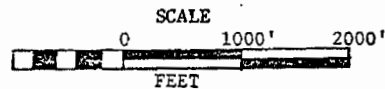
8-75 Date 1st Prod.
● 14 Well No.

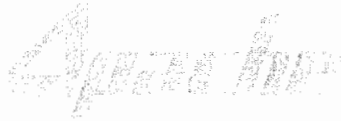
(15) (Av. BOPD 2-78) 25 Cum MSTB 3-1-78
(108) (Av. MCFPD 2-78) 108 Cum MCF 3-1-78

MARATHON OIL COMPANY
"McDonald" State "Acct. 2"
Sec. 13, T-22-S, R-36-E

ARROWHEAD DRINKARD
Lea County, New Mexico

PROPOSED LOCATION





November 6, 2013

State of New Mexico
OIL CONSERVATION DIVISION
1220 South St. Francis Drive
Santa Fe, New Mexico 87505

Re: Application for Surface Commingling (Identical Ownership)
Township 22 South, Range 36 East
Section 13: NESW, NWNW, E2NW, E2
Lea County, NM

Ladies and Gentlemen:

Identical ownership (working, royalty and overriding royalty owners) exists under State Lease No. A0-2614, also known as the McDonald AC 2 lease, covering the following described lands:

Township 22 South, Range 36 East
Section 13: NESW, NWNW, E2NW, E2
Lea County, NM

The identical ownership covers all depths, less and except the Grayburg formation, which is unitized to the Arrowhead Grayburg Unit.

If you have any question regarding the aforementioned, please do not hesitate contacting the undersigned at (432) 818-1097.

Sincerely,

APACHE CORPORATION

Dylan C. Park

Landman

(432) 818-1197 Fax

dylan.park@apachecorp.com