

DATE IN 3/14/2014	SUSPENSE	ENGINEER MAM	LOGGED IN 3/17/2014	TYPE NSL	APP NO PMAM1407360542
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ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

### - Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



## 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 \_\_\_\_\_
- [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.

Jerry W. Sherrell  
 Print or Type Name

*Jerry W. Sherrell*  
 Signature

Production Clerk  
 Title

3/11/14  
 Date

jerrys@mec.com  
 e-mail Address

-NSL  
 -MACK Energy  
 8837

PROOF OF NOTIFICATION  
 3/11/14 2:28

well  
 -CALGARY  
 Federal #8  
 30-005-64196  
 POOJ  
 -Round Tank  
 SAN ANTONIO



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

Oil Conservation Division  
Attn: David Brooks  
1220 South St. Francis Dr.  
Santa Fe, NM 87505

Dear Mr. Brooks:

Mack Energy respectfully requests an administrative approval without notice and hearing of the following unorthodox well location.

The well location and legal description is as follows:

Calgary Federal #8 NMNM-4433  
1900 FSL & 1500 FWL  
Sec. 24, T15S, R28E  
Chaves County, New Mexico

The well will be drilled and completed in the San Andres formation in the Round Tank; San Andres Pool.

Attached to this application are the following exhibits.

- A.) Well location and acreage dedication plat (form C-102) (Exhibit A).
- B.) Well Location Site Map (Exhibit B).
- C.) A plat showing the proposed unorthodox locations, the respective proration units, and the offsetting proration units (Exhibit C).

This well is located in the NESW of Sec. 24 T15S R28E. This well is encroaching the NWSW of Sec. 24 T15S R28E. Offset operators have been notified. The location was moved at the request of BLM Surface Protection Specialist. The original location would have impacted a cave feature. This location was moved 150' west to avoid the cave.

Thank you for your assistance in this matter. If you have any questions, please feel free to call.

Sincerely,

MACK ENERGY CORPORATION

Jerry W. Sherrell  
Production Clerk

JWS/  
Enclosures

District I  
1925 N. French Dr., Hobbs, NM 88240  
Phone: (505) 393-6061 Fax: (505) 393-6720  
District II  
1111 S. First St., Artesia, NM 88210  
Phone: (505) 748-1283 Fax: (505) 748-6720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6117 Fax: (505) 334-6130  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number		<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
		52770	Round Tank; San Andres
<sup>4</sup> Property Code	<sup>4</sup> Property Name		<sup>6</sup> Well Number
37615	CALGARY FEDERAL		8
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name		<sup>9</sup> Elevation
13837	MACK ENERGY CORPORATION		3705.8

<sup>10</sup> Surface Location

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	24	15 S	28 E		1900	SOUTH	1500	WEST	CHAVES

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

UT. or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
<sup>12</sup> Dedicated Acres		<sup>13</sup> Joint or Infill		<sup>14</sup> Consolidation Code		<sup>15</sup> Order No.			
40									

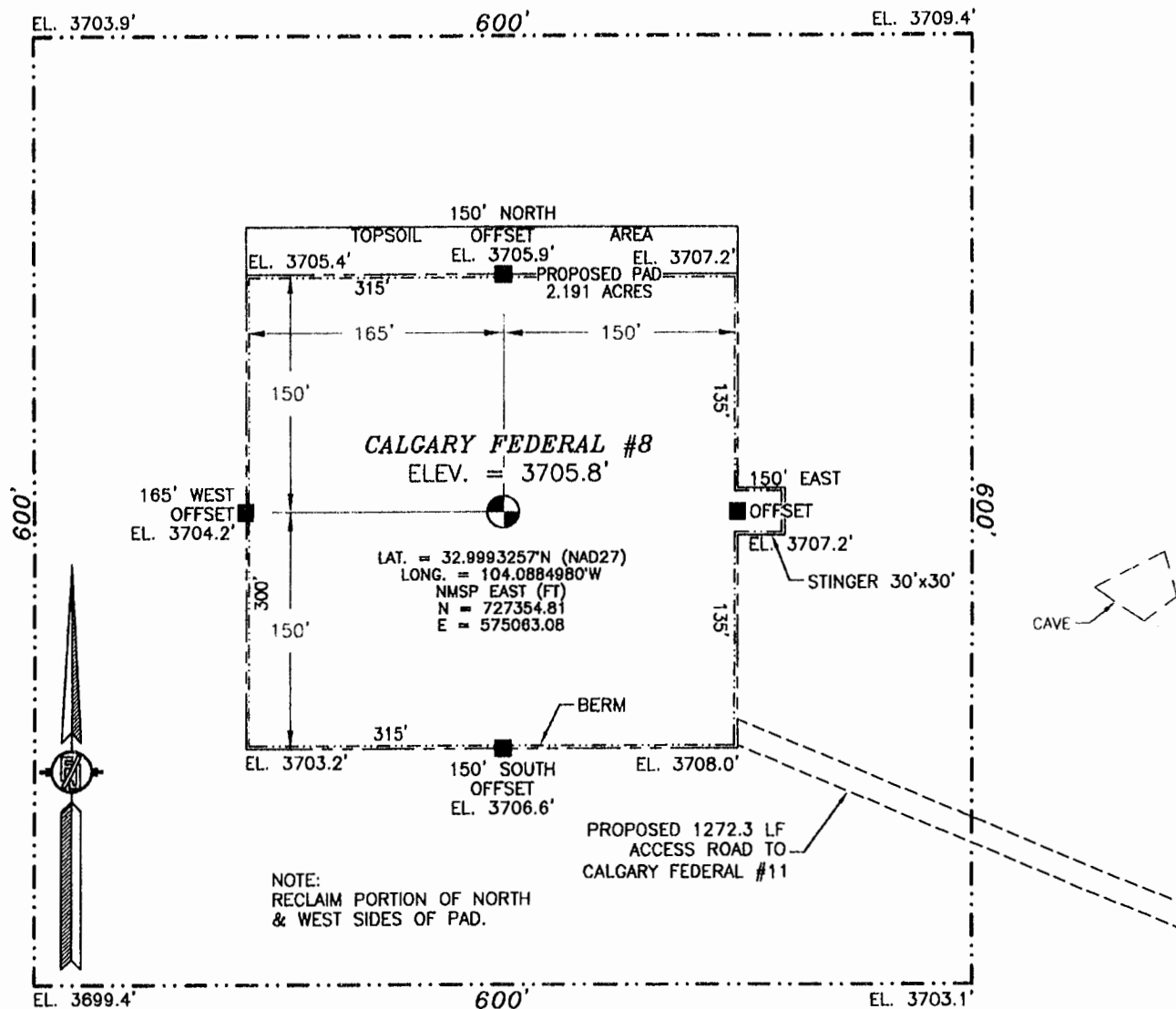
No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>S89°11'40"E 2644.79 FT</p> <p>NW CORNER SEC. 24 LAT. = 33.0086812°N LONG. = 104.0934097°W NMSP EAST (FT) N = 730755.04 E = 573549.47</p> <p>N/4 CORNER SEC. 24 LAT. = 33.0085621°N LONG. = 104.0847856°W NMSP EAST (FT) N = 730717.85 E = 576193.31</p> <p>NE CORNER SEC. 24 LAT. = 33.0084412°N LONG. = 104.0761650°W NMSP EAST (FT) N = 730680.21 E = 578836.12</p> <p>W/4 CORNER SEC. 24 LAT. = 33.0014119°N LONG. = 104.0933971°W NMSP EAST (FT) N = 728110.35 E = 573559.36</p> <p>E/4 CORNER SEC. 24 LAT. = 33.0012233°N LONG. = 104.0761728°W NMSP EAST (FT) N = 728054.20 E = 578840.13</p> <p>SW CORNER SEC. 24 LAT. = 32.9941448°N LONG. = 104.0933713°W NMSP EAST (FT) N = 725466.49 E = 573573.31</p> <p>SE CORNER SEC. 24 LAT. = 32.9940008°N LONG. = 104.0761714°W NMSP EAST (FT) N = 725426.53 E = 578846.98</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27), AND ARE IN DECIMAL DEGREE FORMAT.</p> <p>1500'</p> <p>0.006'</p> <p>SURFACE LOCATION</p> <p>CALGARY FEDERAL #8 ELEV. = 3705.8' LAT. = 32.9993257°N (NAD27) LONG. = 104.0884980°W NMSP EAST (FT) N = 727354.81 E = 575063.08</p> <p>DNE</p> <p>N89°33'53"W 2637.60 FT</p> <p>S89°11'04"E 2643.77 FT</p> <p>S00°05'16"E 2626.72 FT</p> <p>S00°08'59"E 2628.39 FT</p>		<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, 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.</p> <p><i>Jerry W. Sherrell</i> 12/18/13 Signature Date</p> <p>Jerry W. Sherrell Printed Name</p> <p>jerrys@mec.com E-mail Address</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>DECEMBER 16, 2013 Date of Survey</p> <p><i>[Signature]</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number F114108, R-14-R-AM1110, PLS 12-79 SURVEY NO. 2067A</p>
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SECTION 24, TOWNSHIP 15 SOUTH, RANGE 28 EAST, N.M.P.M.  
CHAVES COUNTY, STATE OF NEW MEXICO

SITE MAP

NOTE: THE LATITUDE AND LONGITUDE COORDINATES ARE SHOWN  
USING THE NORTH AMERICAN DATUM OF 1927 (NAD27), AND ARE IN  
DECIMAL DEGREE FORMAT.



NOTE:  
RECLAIM PORTION OF NORTH  
& WEST SIDES OF PAD.

010 50 100 200

SCALE 1" = 100'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 249 AND CR 30  
(JEMINA) GO NORTHWEST ON STATE HIGHWAY 249 FOR APPROX. 2.1  
MILES. GO SOUTH ON CALICHE LEASE ROAD APPROX. 4.4 MILES. GO  
SOUTHEAST APPROX. 0.5 OF A MILE. GO SOUTHWEST APPROX. 1.2  
MILES. GO WEST APPROX. 0.6 OF A MILE. GO NORTHWEST APPROX.  
0.5 OF A MILE TO CALGARY FEDERAL #11. LOCATION IS APPROX.  
0.25 OF A MILE WEST.

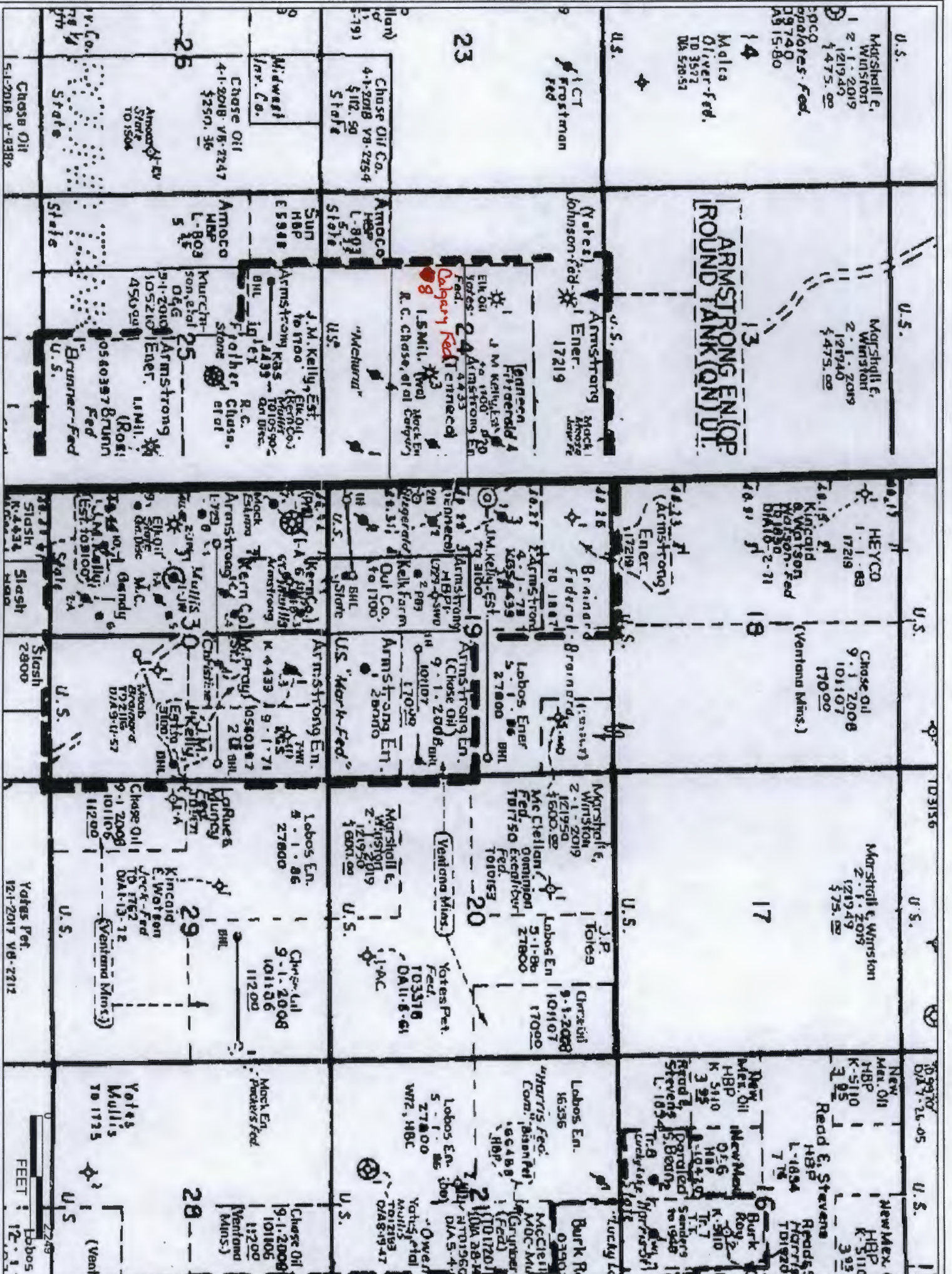
MACK ENERGY CORPORATION  
**CALGARY FEDERAL #8**  
LOCATED 1900 FT. FROM THE SOUTH LINE  
AND 1500 FT. FROM THE WEST LINE OF  
SECTION 24, TOWNSHIP 15 SOUTH,  
RANGE 28 EAST, N.M.P.M.  
CHAVES COUNTY, STATE OF NEW MEXICO

DECEMBER 16, 2013

SURVEY NO. 2067A

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO  
(575) 234-3341







P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

**VIA CERTIFIED MAIL 7012 3460 0002 8734 4500**

Elk Oil company  
P.O. Box 310  
Roswell, NM 88202-0310

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E, Chaves County, New Mexico.*

*Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the unorthodox location if no objection to the unorthodox location has been made within the 20 days after the application has been received.*

*Sincerely,*

*Jerry W. Sherrell*  
Production Clerk

*JWS/*

*Enclosures*



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

VIA CERTIFIED MAIL 7012 3460 0002 8734 4517

Harvey E. Yates Co  
207 S. 4<sup>th</sup> Street  
Artesia, NM 88210

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E, Chaves County, New Mexico.*

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*Sincerely,*

A handwritten signature in black ink that reads "Jerry W. Sherrell".

*Jerry W. Sherrell*  
Production Clerk

*JWS/*

*Enclosures*



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

**VIA CERTIFIED MAIL 7012 3460 0002 8734 4524**

Jalapeno Corp  
P.O. Box 1608  
Albuquerque, NM 87103

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E, Chaves County, New Mexico.*

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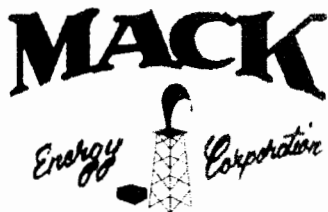
*Sincerely,*

Jerry W. Sherrell  
Production Clerk

JWS/

Enclosures





P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

**VIA CERTIFIED MAIL 7012 3460 0002 8734 4531**

Bureau of Land Management  
2909 West 2<sup>nd</sup> Street  
Roswell, NM 88201-2019

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E, Chaves County, New Mexico.*

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*Sincerely,*

A handwritten signature in cursive script that reads "Jerry W. Sherrell".

Jerry W. Sherrell  
Production Clerk

JWS/

Enclosures



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

**VIA CERTIFIED MAIL 7012 3460 0002 8734 4548**

Slash Exploration LP  
P.O. Box 1973  
Roswell, NM 88202-1973

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E. Chaves County, New Mexico.*

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*Sincerely,*

A handwritten signature in cursive script that reads "Jerry W. Sherrell".

*Jerry W. Sherrell  
Production Clerk*

*JWS/*

*Enclosures*



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

March 11, 2014

**VIA CERTIFIED MAIL 7012 3460 0002 8734 4555**

Yates Energy Corp  
P.O. Box 2323  
Roswell, NM 88202-2323

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E, Chaves County, New Mexico.*

*Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the unorthodox location if no objection to the unorthodox location has been made within the 20 days after the application has been received.*

*Sincerely,*

*Jerry W. Sherrell  
Production Clerk*

*JWS/*

*Enclosures*



P.O. Box 960  
Artesia, NM 88211-0960  
Office (575) 748-1288  
Fax (575) 746-9539

---

March 11, 2014

**VIA CERTIFIED MAIL 7012 3460 0002 8734 4562**

Yates Petro Corp  
105 S. 4<sup>th</sup> Street  
Artesia, NM 88210

*Dear Sir or Madam:*

*This letter will serve as a notice that Mack Energy Corporation has requested administrative approval from the NMOCD for an unorthodox San Andres oil well location for the Calgary Federal #8 under Rule 104.F. (3). The location for this well is 1900 FSL & 1500 FWL of Section 24-T15S-R28E, Chaves County, New Mexico.*

*Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may approve the unorthodox location if no objection to the unorthodox location has been made within the 20 days after the application has been received.*

*Sincerely,*

Jerry W. Sherrell  
Production Clerk

JWS/

*Enclosures*

N.M. OIL CONSERVATION DIVISION

811 S. FIRST STREET  
ARTESIA, NM 88210

FORM APPROVED  
OMB No. 1004-0137  
Expires October 31, 2014

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. NMNM-4433
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Mack Energy Corporation		7. If Unit or CA Agreement, Name and No.
3a. Address PO Box 960 Artesia, NM 88211-0960		8. Lease Name and Well No. Calgary Federal #8 <37615>
3b. Phone No. (include area code) (575)748-1288		9. API Well No. 30-005-64196
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface 1900 FSL & 1500 FWL		10. Field and Pool, or Exploratory Round Tank; San Andres <52770>
At proposed prod. zone		11. Sec., T. R. M. or Blk. and Survey or Area Sec. 24 T15S R28E
14. Distance in miles and direction from nearest town or post office* 12 miles northwest of Loco Hills, NM		12. County or Parish Chaves
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) 180'		13. State NM
16. No. of acres in lease 560		17. Spacing Unit dedicated to this well 40
18. Distance from proposed* location to nearest well, drilling, completed, applied for, on this lease, ft. 1070'		20. BLM/BIA Bond No. on file NMB000286
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3706' GR		22. Approximate date work will start 2/1/2014
		23. Estimated duration 7 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- |  |   |
|--|---|
| 1. Well plat certified by a registered surveyor.   | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan.  | 5. Operator certification   |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office). | 6. Such other site specific information and/or plans as may be required by the BLM.             |

25. Signature <i>Jerry W. Sherrell</i>	Name (Printed/Typed) Jerry W. Sherrell	Date 12-18-2013
---	---	--------------------

Title  
Production Clerk

Approved by (Signature) <i>ISI Angel Mayes</i>	Name (Printed/Typed) <i>ISI Angel Mayes</i>	Date MAR 17 2014
Title Assistant Field Manager, Lands And Minerals	Office ROSWELL FIELD OFFICE	APPROVED FOR 2 YEARS

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.  
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 2)

\*(Instructions on page 2)

APPROVAL SUBJECT TO  
GENERAL REQUIREMENTS AND  
SPECIAL STIPULATIONS ATTACHED

NSL

