

|                 |          |             |                   |          |                    |
|-----------------|----------|-------------|-------------------|----------|--------------------|
| DATE IN 2.20.12 | SUSPENSE | ENGINEER DB | LOGGED IN 2.20.12 | TYPE NSL | APP NO. 1205127817 |
|-----------------|----------|-------------|-------------------|----------|--------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

# NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



COG

Big Boy Slab #5

## ADMINISTRATIVE APPLICATION CHECKLIST

30-015-39322

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]

6569

### [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

RECEIVED OGD  
 INTEREST ARE THE SAME  
 2/20/12 11:29

### [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.

Kelly J. Holly  
 Print or Type Name

Signature

Permitting Tech  
 Title

2-16-12  
 Date

(432) 685-4384  
 Phone Number

kholly@concho.com  
 E-mail Address

**Big Boy State #5  
Eddy County, NM**

COG proposes to drill a **VERTICAL** SW/4 SE/4, 40 acre spacing  
Red Lake; Glorieta Yeso, Northeast oil well  
TD of approximately 5100'

**Location:**

870' FSL & 1560' FEL      Sec 36, T17S, R27E, Unit O

**This well had to be drilled at a non-standard location due to buried pipeline  
too close to original location.**

The plan for this well is to complete it in the Yeso formation.  
We won't know the exact perms until we drill & log it, but it will be very similar to  
the Kool Aid State #3 (2160' FNL & 2310' FEL, Section 24, T17S, R28E, UL G)  
which was completed in March 2009.

The Kool Aid State #3 completion has Yeso perms from 4280' – 5070', divided into  
3 perf/stimulation intervals.

1<sup>st</sup> interval: 4280' – 4480',  
acidized w/ 2500 gals,  
frac w/ 111,450 gal Slvr Stm gel, 140,141# White, & 33,172# CRC.

2<sup>nd</sup> interval: 4590' – 4790',  
acidized w/ 2500 gals,  
frac w/ 112,168 gal Slvr Stm gel, 132,583# White, & 34,283# CRC.

3<sup>rd</sup> interval: 4870' – 5070',  
acidized w/ 2500 gals,  
frac w/ 115,495 gal Slvr Stm gel, 143,285# White, & 36,640# CRC.

**Attachment 1**

Plat & map

**Attachment 2**

Map & legend of offset wells.

**Attachment 3**

Updated land plat showing COG Operating LLC acreage.  
The acreage we are encroaching is the SE/4 SE/4 of Section 36.

Offset acreage is owned by Mewbourne Oil Company.  
Proof of notification to offset operator is attached.

Interests are the same.

COG Operating LLC respectfully requests permission to have this NSL approved.

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  
11885 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, New Mexico 87505

Form C-102  
Revised July 16, 2010  
Submit to Appropriate  
District Office

☐ AMENDED REPORT

**WELL LOCATION AND ACREAGE DEDICATION PLAT**

|                            |                                     |                                                 |
|----------------------------|-------------------------------------|-------------------------------------------------|
| API Number<br>30-015-39323 | Pool Code<br>96836                  | Pool Name<br>Red Lake; Glorieta Yeso, Northeast |
| Property Code              | Property Name<br>BIG BOY STATE      | Well Number<br>5                                |
| OGRID No.<br>229137        | Operator Name<br>COG OPERATING, LLC | Elevation<br>3661'                              |

Surface Location

|                    |               |                  |               |         |                      |                           |                       |                        |                |
|--------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|
| UL or lot No.<br>O | Section<br>36 | Township<br>17-S | Range<br>27-E | Lot Idn | Feet from the<br>870 | North/South line<br>SOUTH | Feet from the<br>1560 | East/West line<br>EAST | County<br>EDDY |
|--------------------|---------------|------------------|---------------|---------|----------------------|---------------------------|-----------------------|------------------------|----------------|

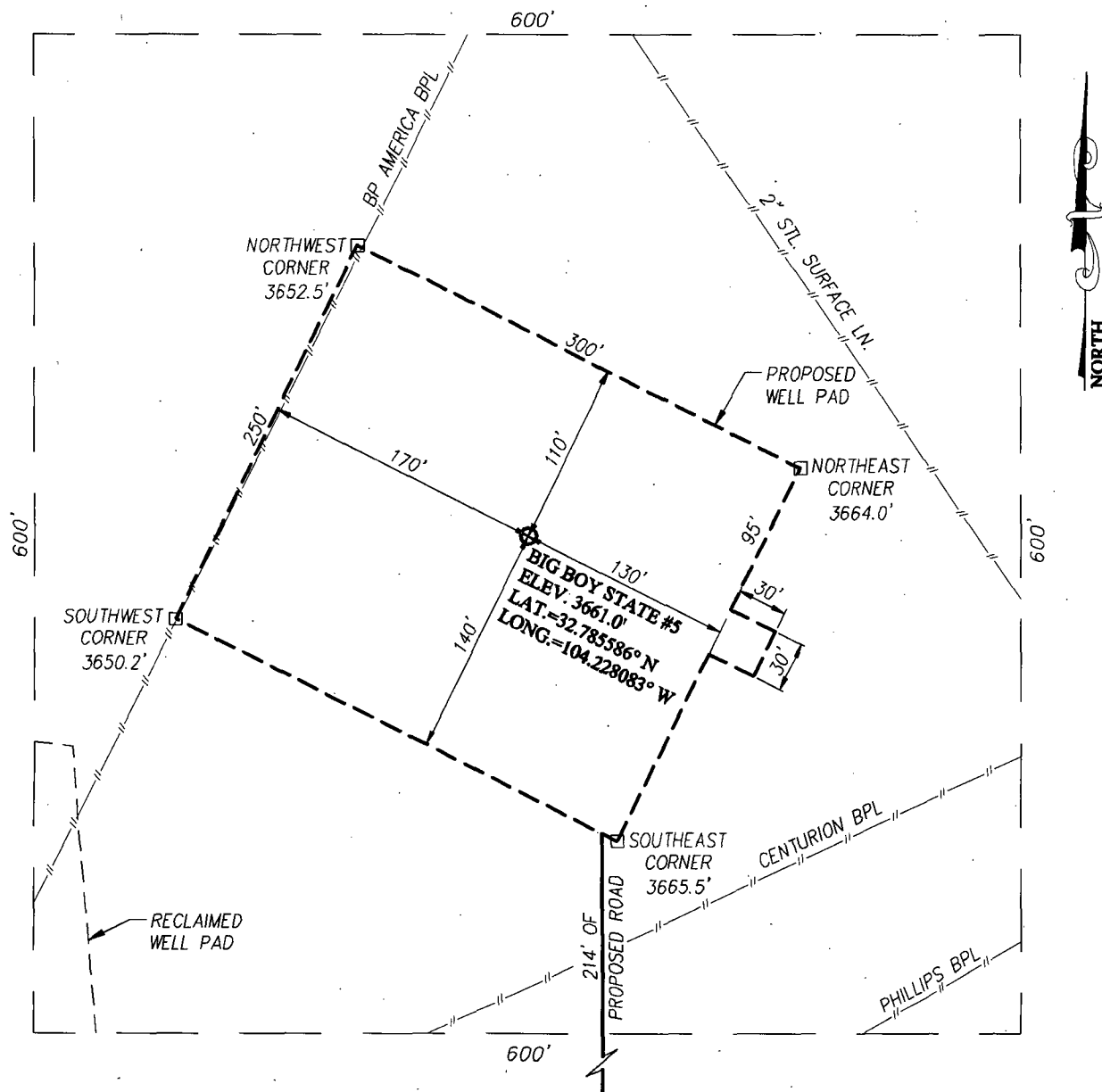
Bottom Hole Location If Different From Surface

|                       |                 |                    |           |         |               |                  |               |                |        |
|-----------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| UL or lot No.         | Section         | Township           | Range     | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
| Dedicated Acres<br>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

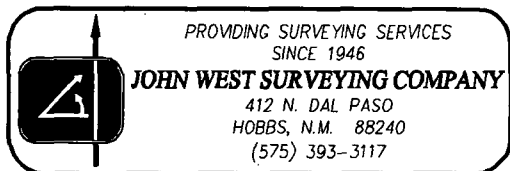
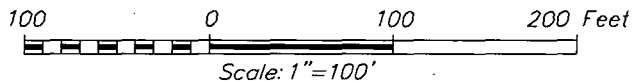
|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p>GEODETIC COORDINATES<br/>NAD 27 NME<br/>SURFACE LOCATION<br/>Y=649523.3 N<br/>X=532345.8 E<br/>LAT.=32.785586° N<br/>LONG.=104.228083° W</p>                                                                                                                                                                                                                                                                                                                                                                               |
|  | <p>OPERATOR CERTIFICATION<br/>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>8-16-11<br/>Signature _____ Date<br/>Kelly J. Holly<br/>Printed Name<br/>kholly@concho.com<br/>E-mail Address</p>                                                                                                                                                                                                                                                                                                                                                                                                          |
|  | <p>SURVEYOR CERTIFICATION<br/>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>JULY 21, 2011<br/>Date of Survey<br/>Signature &amp; Seal of Professional Surveyor:<br/></p>                                                                                                                                                                               |

**SECTION 36, TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.**  
 EDDY COUNTY NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF CO. RD. #204 (HILLTOP RD.) AND CO. RD. #228 (ARCO RD.), GO SOUTHWEST ON CO. RD. #228 APPROX. 0.3 MILES. TURN RIGHT AND GO FOLLOW PROPOSED ROAD SURVEY STAKES NORTH APPROX. 214 FEET TO THIS LOCATION.



**COG OPERATING, LLC**

**BIG BOY STATE #5 WELL**  
 LOCATED 870 FEET FROM THE SOUTH LINE  
 AND 1560 FEET FROM THE EAST LINE OF SECTION 36,  
 TOWNSHIP 17 SOUTH, RANGE 27 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO

|                         |                     |
|-------------------------|---------------------|
| Survey Date: 7/21/11    | Sheet 1 of 1 Sheets |
| W.O. Number: 11.11.0974 | Dr. By: DSS         |
| Date: 8/3/11            | Rel. W.O.: 11110974 |
|                         | Scale: 1"=100'      |

## Producing Wells in Sec 36, T17S, R27E, Eddy County

| API#         | Operator                              | Lease                | Well# | County | Legal              | Total Depth | Well Type | Well Status           | First Prod. | Last Prod. | Avg. (BO/D) |
|--------------|---------------------------------------|----------------------|-------|--------|--------------------|-------------|-----------|-----------------------|-------------|------------|-------------|
| 30-015-00648 | ASPEN OIL INC                         | STATE E              | 001   | EDDY   | S:36, T:17S, R:27E |             | PO        | Plugged and Abandoned | Feb 1950    | Dec 1982   | 0.00        |
| 30-015-00649 | ASPEN OIL INC                         | STATE A              | 001   | EDDY   | S:36, T:17S, R:27E | 532         | PO        | Temporarily Abandoned | Jan 1950    | Dec 1982   | 0.00        |
| 30-015-00670 | KERSEY & COMPANY                      | RAMAPO               | 003   | EDDY   | S:36, T:17S, R:27E | 0           | PO        | Shut-in               | Jan 1958    | Jul 1991   | 0.00        |
| 30-015-00693 | GEORGE A CHASE JR DBA G AND C SERVICE | DELHI                | 001   | EDDY   | S:36, T:17S, R:27E | 2,276       | O         | Temporarily Abandoned | Jan 1950    | Sep 2004   | 0.00        |
| 30-015-27286 | MEWBOURNE OIL COMPANY                 | CHALK BLUFF 36 STATE | 001   | EDDY   | S:36, T:17S, R:27E | 10,060      | O         | Pumping               | Jan 1994    | Jun 2001   | 0.00        |
| 30-015-27286 | MEWBOURNE OIL COMPANY                 | CHALK BLUFF 36 STATE | 001   | EDDY   | S:36, T:17S, R:27E | 10,060      | O         | Pumping               | Sep 1999    | Jun 2001   | 0.00        |
| 30-015-00687 |                                       | EMPIRE ABO UNIT G    | 002   | EDDY   | S:36, T:17S, R:27E | 0           | PG        | Active                | Mar 1980    | Oct 1990   | 0.00        |
| 30-015-00679 | PAN AMERICAN PETROLEUM CORPORATION    | STATE CM             | 001   | EDDY   | S:36, T:17S, R:27E |             | O         | Active                | May 1962    | Dec 1964   | 0.00        |
| 30-015-00000 | BEDINGFIELD J E                       | STATE                | 012   | EDDY   | S:36, T:17S, R:27E |             | G         | Active                | Jan 1959    | Nov 1963   | 0.00        |
| 30-015-00647 | ASPEN OIL INC                         | GATES STATE          | 002   | EDDY   | S:36, T:17S, R:27E | 0           | PO        | Shut-in               | Jan 1959    | Jun 2001   | 0.03        |
| 30-015-00657 | JKM ENERGY, LLC                       | MAGRUDER STATE       | 001   | EDDY   | S:36, T:17S, R:27E | 0           | PO        | Shut-in               | Jan 1956    | Oct 1982   | 0.03        |
| 30-015-00665 | ASPEN OIL INC                         | ACREY                | 003Y  | EDDY   | S:36, T:17S, R:27E | 0           | PO        | Pumping               | Jan 1993    | Jan 2003   | 0.03        |
| 30-015-00669 | GEORGE A CHASE JR DBA G AND C SERVICE | HOMAN                | 1     | EDDY   | S:36, T:17S, R:27E |             | PO        | Temporarily Abandoned | Jan 1952    | Jun 2010   | 0.03        |
| 30-015-00673 | ROJO GRANDE LLC                       | RAMAPO               | 001   | EDDY   | S:36, T:17S, R:27E | 5,865       | O         | Pumping               | Jan 1959    | Jul 1995   | 0.03        |
| 30-015-00689 | GEORGE A CHASE JR DBA G AND C SERVICE | GATES STATE          | 001   | EDDY   | S:36, T:17S, R:27E | 557         | O         | Active                | Jul 1964    | Aug 2011   | 0.03        |
|              |                                       |                      |       |        | S:36,              |             |           |                       |             |            |             |

|              |                                          |                                 |     |      |                          |       |    |                       |  |          |          |      |
|--------------|------------------------------------------|---------------------------------|-----|------|--------------------------|-------|----|-----------------------|--|----------|----------|------|
| 30-015-10184 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | STATE                           | 006 | EDDY | T:17S,<br>R:27E          | 0     | O  | Active                |  | Jan 1967 | Aug 2011 | 0.03 |
| 30-015-21623 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | STATE                           | 007 | EDDY | S:36,<br>T:17S,<br>R:27E | 1,350 | O  | Active                |  | Jan 1973 | Aug 2011 | 0.03 |
| 30-015-31036 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | GATES STATE                     | 3   | EDDY | S:36,<br>T:17S,<br>R:27E | 614   | O  | Shut-in               |  | Apr 2007 | Aug 2011 | 0.03 |
| 30-015-36342 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | STATE A                         | 4   | EDDY | S:36,<br>T:17S,<br>R:27E | 550   | O  | Active Permit         |  | Jul 2008 | Aug 2011 | 0.03 |
| 30-015-00682 | ROJO GRANDE LLC                          | RAMAPO                          | 004 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |  | Jan 1951 | Oct 1998 | 0.06 |
| 30-015-23913 | FAIRWAY RESOURCES<br>OPERATING, LLC      | SOUTH RED LAKE<br>GRAYBURG UNIT | 043 | EDDY | S:36,<br>T:17S,<br>R:27E | 1,750 | PO | Active                |  | Dec 1981 | Jan 2009 | 0.06 |
| 30-015-00646 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | DELHI                           | 7   | EDDY | S:36,<br>T:17S,<br>R:27E | 540   | PO | Temporarily Abandoned |  | Jan 1950 | Aug 2011 | 0.10 |
| 30-015-00651 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | DELHI                           | 005 | EDDY | S:36,<br>T:17S,<br>R:27E | 513   | O  | Active                |  | Sep 1949 | Aug 2011 | 0.10 |
| 30-015-00658 | FAIRWAY RESOURCES<br>OPERATING, LLC      | SOUTH RED LAKE<br>GRAYBURG UNIT | 013 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1967 | Mar 2007 | 0.10 |
| 30-015-00680 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | DELHI                           | 004 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Active                |  | Jan 1950 | Aug 2011 | 0.10 |
| 30-015-00691 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | DELHI                           | 006 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1950 | Aug 2011 | 0.10 |
| 30-015-23358 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | DELHI                           | 008 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1993 | Aug 2011 | 0.10 |
| 30-015-25670 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | ACREY                           | 005 | EDDY | S:36,<br>T:17S,<br>R:27E | 560   | O  | Pumping               |  | Jan 1993 | Aug 2011 | 0.10 |
| 30-015-30937 | ROJO GRANDE LLC                          | RAMAPO                          | 005 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Shut-in               |  | Jun 2000 | Aug 2000 | 0.10 |
| 30-015-00672 |                                          | ACREY                           | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1958 | Aug 1986 | 0.10 |
| 30-015-00648 | J E BEDINGFIELD                          | STATE E                         | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |       | PO | Plugged and Abandoned |  | Jan 1958 | Dec 1970 | 0.10 |
| 30-015-34089 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | STATE A                         | 003 | EDDY | S:36,<br>T:17S,<br>R:27E | 550   | PO | Active Permit         |  | Apr 2006 | Aug 2011 | 0.10 |
|              |                                          |                                 |     |      | S:36,                    |       |    |                       |  |          |          |      |

|              |                                       |                              |      |      |                          |       |  |    |                       |  |          |          |      |
|--------------|---------------------------------------|------------------------------|------|------|--------------------------|-------|--|----|-----------------------|--|----------|----------|------|
| 30-015-00663 | GEORGE A CHASE JR DBA G AND C SERVICE | ACREY                        | 002  | EDDY | T:17S,<br>R:27E          |       |  | PO | Active                |  | Jan 1958 | Aug 2011 | 0.13 |
| 30-015-00675 | FAIRWAY RESOURCES OPERATING, LLC      | SOUTH RED LAKE GRAYBURG UNIT | 050  | EDDY | S:36,<br>T:17S,<br>R:27E | 5.849 |  | PO | Active                |  | Jan 1993 | Mar 2007 | 0.13 |
| 30-015-00681 | FAIRWAY RESOURCES OPERATING, LLC      | SOUTH RED LAKE GRAYBURG UNIT | 027  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | PO | Active                |  | Jan 1975 | Mar 2007 | 0.13 |
| 30-015-01217 | GEORGE A CHASE JR DBA G AND C SERVICE | DELHI                        | 003  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | PO | Shut-in               |  | Jan 1950 | Aug 2011 | 0.13 |
| 30-015-24612 | PRONGHORN MANAGEMENT CORP             | STATE M                      | 001  | EDDY | S:36,<br>T:17S,<br>R:27E | 1,451 |  | PO | Shut-in               |  | Jan 1969 | Nov 1995 | 0.13 |
| 30-015-00671 | WILLIAM P DOOLEY                      | RAMAPO                       | 003  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | O  | Pumping               |  | Jan 1950 | Dec 1971 | 0.13 |
| 30-015-00000 | KERSEY & COMPANY                      | RAMAPO                       | '2-3 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Active                |  | Jan 1953 | Dec 1957 | 0.13 |
| 30-015-00000 | YATES, MARTIN III ET AL               | DOOLEY                       | '1-4 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Active                |  | Jan 1949 | Dec 1957 | 0.13 |
| 30-015-34090 | GEORGE A CHASE JR DBA G AND C SERVICE | ACREY STATE                  | 006  | EDDY | S:36,<br>T:17S,<br>R:27E | 519   |  | PO | Active Permit         |  | Sep 2005 | Aug 2011 | 0.13 |
| 30-015-00654 | GEORGE A CHASE JR DBA G AND C SERVICE | DELHI                        | 002  | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Active                |  | Jan 1950 | Aug 2011 | 0.16 |
| 30-015-00673 | WILLIAM P DOLLEY                      | RAMAPO                       | 001  | EDDY | S:36,<br>T:17S,<br>R:27E | 5,865 |  | O  | Pumping               |  | Jan 1950 | Dec 1971 | 0.16 |
| 30-015-00682 | WILLIAM DOOLEY                        | RAMAPO                       | 004  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | O  | Pumping               |  | Jan 1950 | Dec 1971 | 0.16 |
| 30-015-00666 | J E BEDINGFIELD                       | CONKLIN                      | 001  | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Temporarily Abandoned |  | Jan 1958 | Dec 1971 | 0.19 |
| 30-015-00690 | J E BEDINGFIELD                       | COCKLIN                      | 002  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | O  | Pumping               |  | Jan 1959 | Dec 1967 | 0.19 |
| 30-015-00000 | D. & E. WELL SERVICE                  | GATES                        | '1-2 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Active                |  | Jan 1953 | Dec 1957 | 0.19 |
| 30-015-00674 | ROJO GRANDE LLC                       | RAMAPO                       | 002  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | PO | Shut-in               |  | Feb 1950 | Jan 2003 | 0.23 |
| 30-015-34029 | LIME ROCK RESOURCES A, L.P.           | NO BLUFF STATE COM           | 5    | EDDY | S:36,<br>T:17S,<br>R:27E | 3,709 |  | U  | Active                |  | May 2005 | Aug 2011 | 0.23 |
|              |                                       |                              |      |      | S:36,                    |       |  |    |                       |  |          |          |      |

|              |                                     |                                 |     |      |                          |       |  |    |                       |          |          |      |
|--------------|-------------------------------------|---------------------------------|-----|------|--------------------------|-------|--|----|-----------------------|----------|----------|------|
| 30-015-00648 | J E BEDINGFIELD                     | STATE E379                      | 001 | EDDY | T:17S,<br>R:27E          |       |  | PO | Plugged and Abandoned | Jan 1965 | Dec 1965 | 0.23 |
| 30-015-31036 | C E LARUE & B M MUNCY JR            | GATES STATE                     | 3   | EDDY | S:36,<br>T:17S,<br>R:27E | 614   |  | O  | Shut-in               | Jun 2000 | Feb 2004 | 0.24 |
| 30-015-00649 | J E BEDINGFIELD                     | STATE A                         | 001 | EDDY | S:36,<br>T:17S,<br>R:27E | 532   |  | PO | Temporarily Abandoned | Jan 1959 | Dec 1971 | 0.26 |
| 30-015-00671 | ROJO GRANDE LLC                     | RAMAPO                          | 003 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | O  | Pumping               | Jan 1951 | Nov 1999 | 0.27 |
| 30-015-01219 | FAIRWAY RESOURCES<br>OPERATING, LLC | SOUTH RED LAKE<br>GRAYBURG UNIT | 021 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | PO | Pumping               | Jun 1990 | Dec 2004 | 0.29 |
| 30-015-00689 | HEWITT & HEWITT                     | GATES                           | 001 | EDDY | S:36,<br>T:17S,<br>R:27E | 557   |  | O  | Active                | Jan 1955 | Dec 1955 | 0.32 |
| 30-015-00647 | HEWITT & HEWITT                     | GATES                           | 002 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | PO | Shut-in               | Jan 1955 | Dec 1955 | 0.32 |
| 30-015-01220 |                                     | SRLG UNIT                       | 022 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | PO | Temporarily Abandoned | Jan 1967 | Nov 1970 | 0.33 |
| 30-015-00650 | ASPEN OIL INC                       | STATE A                         | 002 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | PO | Temporarily Abandoned | Jan 1950 | May 1969 | 0.35 |
| 30-015-00672 | BEDINGFIELD J E                     | BED STATE                       | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Active                | Jan 1960 | Dec 1965 | 0.39 |
| 30-015-34134 | LIME ROCK RESOURCES A,<br>L.P.      | NO BLUFF STATE<br>COM           | 6   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,595 |  | PO | Active Permit         | Oct 2005 | Aug 2011 | 0.39 |
| 30-015-00660 | FAIRWAY RESOURCES<br>OPERATING, LLC | SOUTH RED LAKE<br>GRAYBURG UNIT | 012 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | O  | Active                | Jan 1978 | Nov 2008 | 0.40 |
| 30-015-00692 | BURNHAM OIL CO.                     | STATE B                         | 001 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     |  | O  | Temporarily Abandoned | Apr 1948 | Nov 1964 | 0.40 |
| 30-015-30964 | ROJO GRANDE LLC                     | RAMAPO                          | 006 | EDDY | S:36,<br>T:17S,<br>R:27E | 602   |  | PO | Pumping               | Dec 2000 | Apr 2008 | 0.43 |
| 30-015-00648 | BEDINGFIELD, J. E.                  | STATE B                         | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | PO | Plugged and Abandoned | Apr 1951 | Dec 1963 | 0.45 |
| 30-015-00000 | BEDINGFIELD J E                     | BED STATE E379                  | 003 | EDDY | S:36,<br>T:17S,<br>R:27E |       |  | O  | Active                | Jan 1959 | Dec 1963 | 0.45 |
| 30-015-34146 | LIME ROCK RESOURCES A,<br>L.P.      | NO BLUFF STATE<br>COM           | 7   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,665 |  | U  | Active Permit         | Dec 2005 | Aug 2011 | 0.45 |
|              |                                     |                                 |     |      | S:36,                    |       |  |    |                       |          |          |      |



|              |                                          |              |      |      |                          |       |    |                       |  |          |          |      |
|--------------|------------------------------------------|--------------|------|------|--------------------------|-------|----|-----------------------|--|----------|----------|------|
| 30-015-30939 | ROJO GRANDE LLC                          | RAMAPO       | 001Y | EDDY | T:17S,<br>R:27E          | 524   | O  | Pumping               |  | Oct 1999 | Jun 2003 | 0.47 |
| 30-015-31036 | KERSEY & CO.                             | RAMAPO       | 3    | EDDY | S:36,<br>T:17S,<br>R:27E | 614   | O  | Shut-in               |  | Jan 1952 | Dec 1952 | 0.48 |
| 30-015-00000 | KERSEY & CO.                             | RAMAPO       | '2-3 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Feb 1949 | Dec 1952 | 0.48 |
| 30-015-00650 | BEATRICE BECINGFIELD                     | STATE A      | 002  | EDDY | S:36,<br>T:17S,<br>R:27E |       | PO | Temporarily Abandoned |  | Jan 1960 | Nov 1965 | 0.50 |
| 30-015-00690 | BEDINGFIELD J E                          | BED STATE    | 002  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |  | Jan 1960 | Nov 1960 | 0.50 |
| 30-015-00669 | J E BEDINGFIELD                          | HOMAN        | 1    | EDDY | S:36,<br>T:17S,<br>R:27E |       | PO | Temporarily Abandoned |  | Jan 1962 | Dec 1967 | 0.52 |
| 30-015-00666 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | CONKLIN      | 001  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Temporarily Abandoned |  | Mar 1949 | Apr 1984 | 0.57 |
| 30-015-00692 | SDX RESOURCES INC                        | STATE B      | 001  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Temporarily Abandoned |  | Jan 1952 | Mar 2003 | 0.58 |
| 30-015-00684 |                                          | STATE A      | 001  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1964 | Dec 1978 | 0.58 |
| 30-015-00693 | J E BEDINGFIELD                          | DELHI        | 001  | EDDY | S:36,<br>T:17S,<br>R:27E | 2,276 | O  | Temporarily Abandoned |  | Jan 1959 | Dec 1971 | 0.58 |
| 30-015-00657 | EVANS, PAT                               | MAGRUDER ST. | 001  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |  | Jan 1954 | Dec 1955 | 0.58 |
| 30-015-00654 | J E BEDINGFIELD                          | DELHI        | 002  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1959 | Dec 1971 | 0.61 |
| 30-015-01217 | J E BEDINGFIELD                          | DELHI        | 003  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |  | Jan 1959 | Dec 1971 | 0.61 |
| 30-015-00646 | J E BEDINGFIELD                          | DELHI        | 7    | EDDY | S:36,<br>T:17S,<br>R:27E | 540   | PO | Temporarily Abandoned |  | Jan 1958 | Dec 1967 | 0.61 |
| 30-015-00680 | J E BEDINGFIELD                          | DELHI        | 004  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Active                |  | Jan 1958 | Dec 1967 | 0.65 |
| 30-015-00651 | J E BEDINGFIELD                          | DELHI        | 005  | EDDY | S:36,<br>T:17S,<br>R:27E | 513   | O  | Active                |  | Jan 1959 | Dec 1967 | 0.65 |
| 30-015-00691 | J E BEDINGFIELD                          | DELHI        | 006  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1958 | Dec 1967 | 0.65 |
|              |                                          |              |      |      | S:36,                    |       |    |                       |  |          |          |      |

|              |                                          |                           |      |      |                          |       |    |               |  |          |          |      |
|--------------|------------------------------------------|---------------------------|------|------|--------------------------|-------|----|---------------|--|----------|----------|------|
| 30-015-00000 | BEDINGFIELD, J. E.                       | STATE                     | '1-2 | EDDY | T:17S,<br>R:27E          |       | O  | Active        |  | Jan 1948 | Dec 1957 | 0.65 |
| 30-015-00661 | BEATRICE BECINGFIELD                     | ACREY                     | 003  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active        |  | Feb 1965 | May 1969 | 0.65 |
| 30-015-33793 | LIME ROCK RESOURCES A,<br>L.P.           | NO BLUFF STATE<br>COM     | 4    | EDDY | S:36,<br>T:17S,<br>R:27E | 3,652 | U  | Active        |  | Jan 1959 | Aug 2011 | 0.68 |
| 30-015-33793 | LIME ROCK RESOURCES A,<br>L.P.           | NO BLUFF STATE<br>COM     | 4    | EDDY | S:36,<br>T:17S,<br>R:27E | 3,652 | U  | Active        |  | Nov 2006 | Aug 2011 | 0.68 |
| 30-015-00690 | GEORGE A CHASE JR DBA G<br>AND C SERVICE | CONKLIN                   | 002  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping       |  | Jan 1958 | Aug 2011 | 0.74 |
| 30-015-33792 | LIME ROCK RESOURCES A,<br>L.P.           | NO BLUFF STATE<br>COM     | 3    | EDDY | S:36,<br>T:17S,<br>R:27E | 3,890 | O  | Active        |  | Feb 2005 | Aug 2011 | 0.74 |
| 30-015-36116 | FAIRWAY RESOURCES<br>OPERATING, LLC      | SOUTH RED LAKE<br>II UNIT | 57   | EDDY | S:36,<br>T:17S,<br>R:27E | 2,121 | U  | Active Permit |  | May 2008 | Aug 2011 | 0.74 |
| 30-015-36131 | FAIRWAY RESOURCES<br>OPERATING, LLC      | SOUTH RED LAKE<br>II UNIT | 059  | EDDY | S:36,<br>T:17S,<br>R:27E | 2,123 | U  | Active Permit |  | May 2008 | Aug 2011 | 0.74 |
| 30-015-00000 | ATLANTIC REFINING CO                     | STATE E                   | 003  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active        |  | Jan 1964 | Dec 1964 | 0.77 |
| 30-015-00000 | YATES, MARTIN III ET AL                  | DOOLEY                    | 004  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active        |  | Jan 1950 | Dec 1965 | 0.81 |
| 30-015-00000 | YATES, MARTIN III ET AL                  | DOOLEY                    | 003  | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active        |  | Apr 1948 | Dec 1965 | 0.81 |
| 30-015-00688 | S & A OIL CO.                            | GATES ST.                 | 001  | EDDY | S:36,<br>T:17S,<br>R:27E |       | PO | Active        |  | May 1951 | Dec 1952 | 0.81 |
| 30-015-34626 | LIME ROCK RESOURCES A,<br>L.P.           | JEFFERS 36 STATE          | 4    | EDDY | S:36,<br>T:17S,<br>R:27E | 3,524 | O  | Active        |  | Aug 2006 | Aug 2011 | 0.81 |
| 30-015-00689 | B N MUNCY JR                             | GATES STATE               | 001  | EDDY | S:36,<br>T:17S,<br>R:27E | 557   | O  | Active        |  | Aug 1958 | Dec 1971 | 0.84 |
| 30-015-00000 | DELHI-TAYLOR OIL<br>CORPORATION          | STATE B                   | 012  | EDDY | S:36,<br>T:17S,<br>R:27E |       | G  | Active        |  | Jan 1956 | Feb 1960 | 0.86 |
| 30-015-00671 | DOOLEY, W. P.                            | RAMAPO STATE              | 003  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping       |  | Jan 1947 | Dec 1957 | 0.87 |
| 30-015-00682 | DOOLEY, W. P.                            | RAMAPO STATE              | 004  | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping       |  | Jan 1947 | Dec 1957 | 0.87 |
|              |                                          |                           |      |      | S:36,                    |       |    |               |  |          |          |      |

|              |                                           |                                 |        |      |                          |       |    |                       |          |          |      |
|--------------|-------------------------------------------|---------------------------------|--------|------|--------------------------|-------|----|-----------------------|----------|----------|------|
| 30-015-00000 | DOOLEY, W. P.                             | RANAPO ST.                      | '1-2   | EDDY | T:17S,<br>R:27E          |       | O  | Active                | Jan 1947 | Dec 1957 | 0.90 |
| 30-015-00000 | ARCHIE M SPEIR                            | SOUTH RED LAKE<br>UNIT TR 8     | 004    | EDDY | S:36,<br>T:17S,<br>R:27E |       | AP | Unknown               | Jan 1965 | Dec 1965 | 0.94 |
| 30-015-00000 | ARCHIE M SPEIR                            | SOUTH RED LAKE<br>UNIT TR 10    | 002    | EDDY | S:36,<br>T:17S,<br>R:27E |       | G  | Active                | Jan 1966 | Dec 1966 | 0.97 |
| 30-015-00000 | ARCHIE M SPEIR                            | SOUTH RED LAKE<br>UNIT TR 10    | 003    | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                | Jan 1966 | Dec 1966 | 0.97 |
| 30-015-01251 | BP AMERICA PRODUCTION<br>COMPANY          | EMPIRE ABO UNIT                 | 019    | EDDY | S:36,<br>T:17S,<br>R:27E | 6,200 | PO | Temporarily Abandoned | Jan 1972 | Sep 1975 | 1.00 |
| 30-015-01221 | MCQUADRANGLE, LC                          | SOUTH RED LAKE<br>GRAYBURG UNIT | 023    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Temporarily Abandoned | Jan 1967 | Aug 1984 | 1.03 |
| 30-015-00660 |                                           | SRLG UNIT                       | 012    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                | Jan 1967 | Dec 1993 | 1.03 |
| 30-015-00000 | ARCHIE M SPEIR                            | SOUTH RED LAKE<br>UNIT TR 23    | 005    | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                | Feb 1965 | Dec 1966 | 1.03 |
| 30-015-00000 | REDINGFIELD, J. E.                        | STATE                           | '0-1-3 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                | Jan 1954 | Dec 1954 | 1.06 |
| 30-015-00690 | ARCHIE M SPEIR                            | SOUTH RED LAKE<br>UNIT TR 23    | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               | Jan 1965 | Dec 1966 | 1.06 |
| 30-015-34004 | EDGE PETROLEUM<br>OPERATING COMPANY, INC. | RED LAKE 36 C<br>STATE          | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 3,650 | O  | Active                | May 2005 | Aug 2011 | 1.10 |
| 30-015-00673 | YATES, MARTIN III ET AL                   | DOOLEY                          | 001    | EDDY | S:36,<br>T:17S,<br>R:27E | 5,865 | O  | Pumping               | Jan 1948 | Nov 1963 | 1.10 |
| 30-015-25969 | FAIRWAY RESOURCES<br>OPERATING, LLC       | SOUTH RED LAKE<br>GRAYBURG UNIT | 047    | EDDY | S:36,<br>T:17S,<br>R:27E | 6,124 | PO | Active                | Oct 1988 | Aug 2011 | 1.13 |
| 30-015-00674 | WILLIAM P DOOLEY                          | RANAPO                          | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               | Jan 1950 | Dec 1967 | 1.13 |
| 30-015-00000 | BEDINGFIELD, J. E.                        | CONKLIN                         | '1-2   | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                | Jan 1956 | Dec 1957 | 1.13 |
| 30-015-05934 | BP AMERICA PRODUCTION<br>COMPANY          | EMPIRE ABO UNIT                 | 019A   | EDDY | S:36,<br>T:17S,<br>R:27E | 5,970 | O  | Injection Well        | Jan 1972 | Aug 2011 | 1.16 |
| 30-015-00669 | BEDINGFIELD ST.                           | HOMAN ST.                       | 1      | EDDY | S:36,<br>T:17S,<br>R:27E |       | PO | Temporarily Abandoned | Jun 1949 | Dec 1964 | 1.16 |
|              |                                           |                                 |        |      | S:36,                    |       |    |                       |          |          |      |

|              |                                     |                              |  |        |      |                          |       |    |                       |                       |  |          |          |      |
|--------------|-------------------------------------|------------------------------|--|--------|------|--------------------------|-------|----|-----------------------|-----------------------|--|----------|----------|------|
| 30-015-00000 | REDINGFIELD, J. E.                  | STATE                        |  | '0-1-2 | EDDY | T:17S,<br>R:27E          |       |    | O                     | Active                |  | Jan 1954 | Dec 1954 | 1.16 |
| 30-015-00000 | BEDINGFIELD J E                     | STATE                        |  | 011    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | G                     | Active                |  | Jan 1959 | May 1965 | 1.16 |
| 30-015-00000 | WATSON, J. C. DRILLING CO.          | BEDINGFIELD ST.              |  | 005    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Active                |  | Jan 1950 | Dec 1964 | 1.19 |
| 30-015-00000 | ARCHIE M SPEIR                      | SOUTH RED LAKE<br>UNIT TR 22 |  | 003    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Active                |  | Jan 1965 | Dec 1966 | 1.19 |
| 30-015-00672 | COCKBURN, BARNEY                    | BEDINGFIELD ST. B            |  | 001    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Active                |  | Jan 1948 | Nov 1964 | 1.23 |
| 30-015-00647 | B N MUNCY JR                        | GATES STATE                  |  | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |                       |  | May 1962 | Dec 1967 | 1.32 |
| 30-015-00661 | BEDINGFIELD, J. E.                  | STATE ACREY                  |  | 003    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Active                |  | Jan 1955 | Oct 1963 | 1.35 |
| 30-015-23404 | WATSON, J. C. DRILLING CO.          | BEDINGFIELD ST.              |  | 004    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Active                |  | Jan 1950 | Feb 1963 | 1.39 |
| 30-015-00657 | JOHNSTON, RANDOLPH                  | STATE                        |  | 001    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |                       |  | Mar 1947 | Dec 1953 | 1.45 |
| 30-015-00649 | BEDINGFIELD, J. E.                  | STATE A                      |  | 001    | EDDY | S:36,<br>T:17S,<br>R:27E | 532   | PO | Temporarily Abandoned |                       |  | Jan 1947 | Dec 1955 | 1.45 |
| 30-015-00650 | BEDINGFIELD, J. E.                  | STATE A                      |  | 002    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | PO                    | Temporarily Abandoned |  | Jan 1947 | Dec 1955 | 1.45 |
| 30-015-00690 | COCKBURN, BARNEY                    | BEDINGFIELD ST. B            |  | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |                       |  | Jan 1948 | Mar 1964 | 1.48 |
| 30-015-33792 | LIME ROCK RESOURCES A,<br>L.P.      | NO BLUFF STATE<br>COM        |  | 3      | EDDY | S:36,<br>T:17S,<br>R:27E | 3,890 | O  | Active                |                       |  | Apr 2006 | Aug 2011 | 1.48 |
| 30-015-00000 | WATSON, J. C. DRILLING<br>COMPANY   | BEDINGFIELD ST.              |  | '1-4   | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Active                |  | Jan 1949 | Dec 1957 | 1.52 |
| 30-015-00666 | BEDINGFIELD, J. E.                  | CONKLIN                      |  | 001    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | O                     | Temporarily Abandoned |  | Feb 1947 | Dec 1955 | 1.52 |
| 30-015-00690 | BEDINGFIELD, J. E.                  | CONKLIN                      |  | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |                       |  | Jan 1954 | Dec 1955 | 1.52 |
| 30-015-35193 | FAIRWAY RESOURCES<br>OPERATING, LLC | SOUTH RED LAKE<br>II UNIT    |  | 52     | EDDY | S:36,<br>T:17S,<br>R:27E | 1,814 | O  | Active Permit         |                       |  | Dec 2006 | Jun 2007 | 1.57 |
|              |                                     |                              |  |        |      | S:36,                    |       |    |                       |                       |  |          |          |      |

|              |                            |                        |        |      |                          |       |    |                       |  |          |          |      |
|--------------|----------------------------|------------------------|--------|------|--------------------------|-------|----|-----------------------|--|----------|----------|------|
| 30-015-00000 | BEDINGFIELD, J. E.         | STATE A                | '1-2-3 | EDDY | T:17S,<br>R:27E          |       | O  | Active                |  | Jan 1956 | Dec 1957 | 1.58 |
| 30-015-00000 | COCKBURN BARNEY            | BEDINGFIELD ST.        | 003    | EDDY | S:36,<br>T:17S,<br>R:27E |       |    | Active                |  | Jan 1949 | Dec 1962 | 1.61 |
| 30-015-00673 | DOOLEY, W. P.              | RAMAPO STATE           | 001    | EDDY | S:36,<br>T:17S,<br>R:27E | 5.865 | O  | Pumping               |  | Jan 1955 | Dec 1955 | 1.61 |
| 30-015-00674 | DOOLEY, W. P.              | RAMAPO STATE           | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |  | Jan 1955 | Dec 1955 | 1.61 |
| 30-015-00690 | BEDINGFIELD J E            | BEDINGFIELD<br>STATE E | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |  | Jan 1962 | Dec 1963 | 1.61 |
| 30-015-00672 | WATSON, J. C. DRILLING CO. | BEDINGFIELD ST.        | 001    | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1952 | Dec 1961 | 1.71 |
| 30-015-00690 | WATSON, J. C. DRILLING CO. | BEDINGFIELD ST.        | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |  | Jan 1952 | Dec 1961 | 1.71 |
| 30-015-00667 |                            | SRLG UNIT              | 011    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PI | Active                |  | Jan 1967 | May 1967 | 1.87 |
| 30-015-00687 | KERSEY & COMPANY           | RAMAPO                 | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PG | Active                |  | Jan 1955 | Dec 1955 | 1.87 |
| 30-015-00670 | KERSEY & COMPANY           | RAMAPO                 | 003    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |  | Jan 1955 | Dec 1955 | 1.87 |
| 30-015-00687 | KERSEY & COMPANY           | RAMAPO                 | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PG | Active                |  | Jan 1959 | Dec 1959 | 2.00 |
| 30-015-00693 | BEDINGFIELD, J. E.         | DELHI                  | 001    | EDDY | S:36,<br>T:17S,<br>R:27E | 2,276 | O  | Temporarily Abandoned |  | Jan 1954 | Dec 1955 | 2.00 |
| 30-015-00646 | BEDINGFIELD, J. E.         | DELHI                  | 7      | EDDY | S:36,<br>T:17S,<br>R:27E | 540   | PO | Temporarily Abandoned |  | Jan 1954 | Dec 1955 | 2.00 |
| 30-015-00654 | BEDINGFIELD, J. E.         | DELHI                  | 002    | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1955 | Dec 1955 | 2.00 |
| 30-015-00651 | BEDINGFIELD, J. E.         | DELHI                  | 005    | EDDY | S:36,<br>T:17S,<br>R:27E | 513   | O  | Active                |  | Jan 1955 | Dec 1955 | 2.00 |
| 30-015-00691 | BEDINGFIELD, J. E.         | DELHI                  | 006    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1955 | Dec 1955 | 2.00 |
| 30-015-00648 | BEDINGFIELD, J. E.         | STATE                  | 001    | EDDY | S:36,<br>T:17S,<br>R:27E |       | PO | Plugged and Abandoned |  | Nov 1949 | Nov 1949 | 2.00 |



|              |                                     |                                 |        |      |                          |       |    |                       |  |          |          |      |
|--------------|-------------------------------------|---------------------------------|--------|------|--------------------------|-------|----|-----------------------|--|----------|----------|------|
| 30-015-00656 |                                     | MAGRUDER STATE                  | 003    | EDDY | T:17S,<br>R:27E          |       | O  | Active                |  | Jan 1949 | Aug 1952 | 2.90 |
| 30-015-31592 | ROJO GRANDE LLC                     | RAMAPO                          | 007    | EDDY | S:36,<br>T:17S,<br>R:27E | 612   | O  | Pumping               |  | Jul 2001 | Nov 2001 | 3.00 |
| 30-015-00647 | KERSEY & CO.                        | RAMAPO ST.                      | 002    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |  | Jun 1948 | Dec 1948 | 3.06 |
| 30-015-00000 | DELHI OIL                           | DELHI ST.                       | 011    | EDDY | S:36,<br>T:17S,<br>R:27E |       | G  | Active                |  | Jan 1949 | Dec 1961 | 3.26 |
| 30-015-00000 | BEDINGFIELD, J. E.                  | DELHI                           | '2-5-6 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1954 | Dec 1954 | 3.26 |
| 30-015-00000 | BEDINGFIELD, J. E.                  | DELHI                           | '3-4   | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jul 1949 | Dec 1957 | 3.35 |
| 30-015-00000 | RED LAKE OIL                        | MAGRUDER ST.                    | 002    | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1948 | Apr 1962 | 3.37 |
| 30-015-01217 | BEDINGFIELD, J. E.                  | DELHI                           | 003    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Shut-in               |  | Jan 1954 | Dec 1955 | 3.39 |
| 30-015-00680 | BEDINGFIELD, J. E.                  | DELHI                           | 004    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Active                |  | Jan 1954 | Dec 1955 | 3.39 |
| 30-015-05935 | FAIRWAY RESOURCES<br>OPERATING, LLC | SOUTH RED LAKE<br>GRAYBURG UNIT | 051    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1993 | Aug 2011 | 3.77 |
| 30-015-00000 | WATSON, J. C. DRILLING<br>COMPANY   | BEDINGFIELD ST.                 | '2-5   | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1949 | Dec 1957 | 3.90 |
| 30-015-00693 | BEDINGFIELD, J. E.                  | STATE                           | 001    | EDDY | S:36,<br>T:17S,<br>R:27E | 2,276 | O  | Temporarily Abandoned |  | Oct 1949 | Dec 1949 | 3.90 |
| 30-015-00000 | BEDINGFIELD, J. E.                  | DELHI                           | '2-3-5 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1951 | Dec 1951 | 4.00 |
| 30-015-31541 | LIME ROCK RESOURCES A,<br>L.P.      | JEFFERS 36 STATE                | 3      | EDDY | S:36,<br>T:17S,<br>R:27E | 3,525 | O  | Active                |  | Dec 2002 | Aug 2011 | 4.10 |
| 30-015-10184 | J E REDINGFIELD                     | STATE                           | 006    | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Active                |  | Jan 1965 | Dec 1965 | 4.16 |
| 30-015-34134 | LIME ROCK RESOURCES A,<br>L.P.      | NO BLUFF STATE<br>COM           | 6      | EDDY | S:36,<br>T:17S,<br>R:27E | 3,595 | PO | Active Permit         |  | Oct 2009 | Aug 2011 | 4.55 |
| 30-015-31541 | LIME ROCK RESOURCES A,<br>L.P.      | JEFFERS 36 STATE                | 3      | EDDY | S:36,<br>T:17S,<br>R:27E | 3,525 | O  | Active                |  | Jun 2008 | Aug 2011 | 4.61 |
|              |                                     |                                 |        |      | S:36,                    |       |    |                       |  |          |          |      |

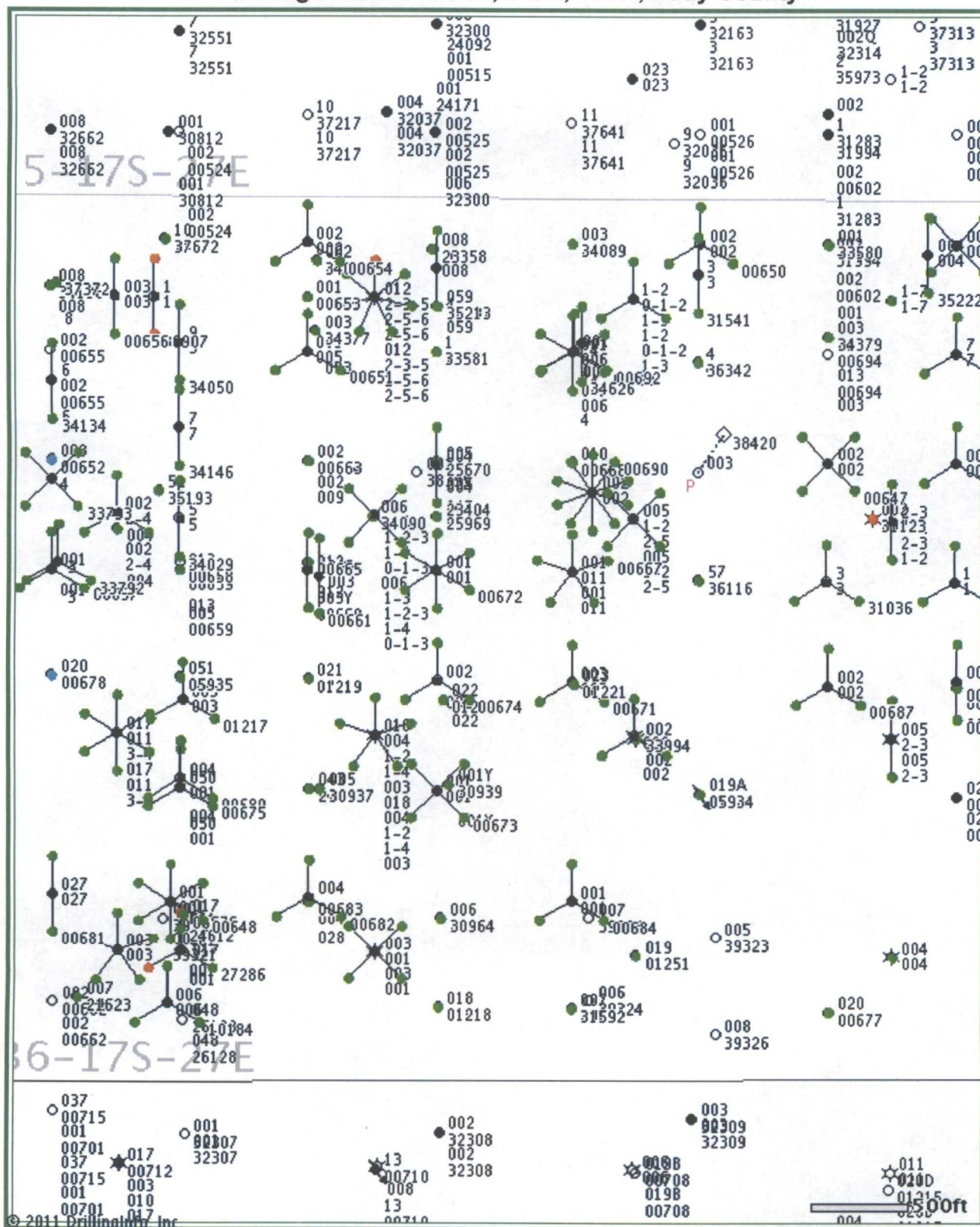
|              |                                           |                        |  |     |      |                          |       |    |                       |  |          |          |       |
|--------------|-------------------------------------------|------------------------|--|-----|------|--------------------------|-------|----|-----------------------|--|----------|----------|-------|
| 30-015-10184 | BEDINGFIELD J E                           | STATE                  |  | 006 | EDDY | T:17S,<br>R:27E          | 0     | O  | Active                |  | Jun 1963 | Dec 1964 | 4.77  |
| 30-015-00000 | DELHI OIL                                 | DELHI ST.              |  | 012 | EDDY | S:36,<br>T:17S,<br>R:27E |       | G  | Active                |  | Jan 1949 | Oct 1962 | 4.90  |
| 30-015-34050 | LIME ROCK RESOURCES A,<br>L.P.            | NO BLUFF STATE<br>COM  |  | 9   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,709 | U  | Active Permit         |  | Jun 2006 | Aug 2011 | 4.94  |
| 30-015-00677 | BP AMERICA PRODUCTION<br>COMPANY          | EMPIRE ABO UNIT        |  | 020 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Temporarily Abandoned |  | Jan 1972 | Sep 1976 | 5.00  |
| 30-015-01218 | BP AMERICA PRODUCTION<br>COMPANY          | EMPIRE ABO UNIT        |  | 018 | EDDY | S:36,<br>T:17S,<br>R:27E | 5,970 | PO | Temporarily Abandoned |  | Jan 1972 | Dec 1983 | 5.00  |
| 30-015-33581 | EDGE PETROLEUM<br>OPERATING COMPANY, INC. | RED LAKE 36 C<br>STATE |  | 1   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,650 | O  | Active                |  | Sep 1967 | Aug 2011 | 5.29  |
| 30-015-00000 | ACREY & ACREY                             | STATE                  |  | 1-3 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1947 | Sep 1949 | 5.53  |
| 30-015-00672 | BEDINGFIELD, J. E.                        | STATE ACREY            |  | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |       | O  | Active                |  | Jan 1955 | Dec 1959 | 7.16  |
| 30-015-00692 | WILLIAM E JEFFERS                         | STATE B                |  | 001 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Temporarily Abandoned |  | Jan 1960 | Dec 1967 | 7.29  |
| 30-015-34029 | LIME ROCK RESOURCES A,<br>L.P.            | NO BLUFF STATE<br>COM  |  | 5   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,709 | U  | Active                |  | Jun 2010 | Aug 2011 | 7.81  |
| 30-015-00681 |                                           | SRLG UNIT              |  | 027 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | PO | Active                |  | Jan 1967 | Dec 1993 | 8.35  |
| 30-015-34146 | LIME ROCK RESOURCES A,<br>L.P.            | NO BLUFF STATE<br>COM  |  | 7   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,665 | U  | Active Permit         |  | Mar 2010 | Aug 2011 | 8.48  |
| 30-015-34136 | LIME ROCK RESOURCES A,<br>L.P.            | NO BLUFF STATE<br>COM  |  | 008 | EDDY | S:36,<br>T:17S,<br>R:27E | 3,800 | PO | Active Permit         |  | Feb 2010 | Aug 2011 | 8.94  |
| 30-015-37372 | LIME ROCK RESOURCES A,<br>L.P.            | NO BLUFF STATE<br>COM  |  | 8   | EDDY | S:36,<br>T:17S,<br>R:27E | 4,637 | U  | Active Permit         |  | Feb 2010 | Aug 2011 | 8.94  |
| 30-015-00690 | YATES III, MARTIN ET AL                   | DOOLEY                 |  | 002 | EDDY | S:36,<br>T:17S,<br>R:27E | 0     | O  | Pumping               |  | Jan 1949 | Dec 1949 | 9.52  |
| 30-015-00000 | YATES MARTIN III                          | DOOLEY ST              |  | 003 | EDDY | S:36,<br>T:17S,<br>R:27E |       | G  | Active                |  | Apr 1961 | Dec 1969 | 9.84  |
| 30-015-34050 | SOUTHWESTERN ENERGY<br>PRODUCTION COMPANY | NO BLUFF STATE<br>COM  |  | 9   | EDDY | S:36,<br>T:17S,<br>R:27E | 3,709 | U  | Active Permit         |  | Jun 2005 | Nov 2008 | 10.73 |
|              |                                           |                        |  |     |      | S:36,                    |       |    |                       |  |          |          |       |



|              |                                        |                           |     |      |                    |       |    |               |  |          |          |       |
|--------------|----------------------------------------|---------------------------|-----|------|--------------------|-------|----|---------------|--|----------|----------|-------|
| 30-015-00000 | MARTIN YATES III                       | DOOLEY ABC STATE          | 002 | EDDY | T:17S, R:27E       |       | G  | Active        |  | Feb 1961 | Dec 1970 | 11.39 |
| 30-015-00675 |                                        | SRLG UNIT                 | 050 | EDDY | S:36, T:17S, R:27E | 5.849 | PO | Active        |  | Jun 1990 | Dec 1993 | 11.74 |
| 30-015-00000 | DELHI-TAYLOR OIL CORPORATION           | STATE B                   | 011 | EDDY | S:36, T:17S, R:27E |       | G  | Active        |  | Jan 1955 | Dec 1958 | 13.61 |
| 30-015-00000 | SO. UNION GAS CO.                      | DELHI                     | 012 | EDDY | S:36, T:17S, R:27E |       | G  | Active        |  | Jan 1948 | Dec 1948 | 14.13 |
| 30-015-34626 | SDX RESOURCES INC                      | JEFFERS 36 STATE          | 4   | EDDY | S:36, T:17S, R:27E | 3.524 | O  | Active        |  | Aug 2006 | Dec 2006 | 15.55 |
| 30-015-00000 | ARCHIE M SPEIR                         | SOUTH RED LAKE UNIT TR 10 | 004 | EDDY | S:36, T:17S, R:27E |       | O  | Active        |  | Jan 1966 | Dec 1966 | 18.26 |
| 30-015-33792 | CHEVRON USA, INC.                      | NO BLUFF STATE COM        | 3   | EDDY | S:36, T:17S, R:27E | 3.890 | O  | Active        |  | Feb 2005 | Mar 2007 | 18.42 |
| 30-015-35222 | EDGE PETROLEUM OPERATING COMPANY, INC. | RED LAKE 36 A STATE       | 004 | EDDY | S:36, T:17S, R:27E | 3.650 | O  | Active Permit |  | Jan 2007 | May 2007 | 19.03 |
| 30-015-00000 | SOUTHERN UNION GAS CO.                 | STATE                     | 011 | EDDY | S:36, T:17S, R:27E |       | G  | Active        |  | Dec 1947 | Dec 1947 | 22.16 |
| 30-015-00690 | BEDINGFIELD, BARNEY                    | BEDINGFIELD ST.B          | 002 | EDDY | S:36, T:17S, R:27E | 0     | O  | Pumping       |  | Dec 1947 | Dec 1947 | 25.10 |
| 30-015-33793 | ARCHIE M SPEIR                         | SOUTH RED LAKE UNIT TR 9  | 4   | EDDY | S:36, T:17S, R:27E | 3.652 | U  | Active        |  | Jan 1966 | Dec 1966 | 30.68 |
| 30-015-00656 | RIITTER & WILBANKS                     | MAGRUDER ST.              | 003 | EDDY | S:36, T:17S, R:27E |       | O  | Active        |  | Nov 1947 | Dec 1948 | 31.55 |
| 30-015-35213 | EDGE PETROLEUM OPERATING COMPANY, INC. | RED LAKE 36 C STATE       | 4   | EDDY | S:36, T:17S, R:27E | 3.650 | O  | Active Permit |  | Jan 2007 | Apr 2007 | 34.33 |
| 30-015-37672 | LIME ROCK RESOURCES A, L.P.            | NO BLUFF 36 STATE COM     | 10  | EDDY | S:36, T:17S, R:27E | 4.658 | U  | Active Permit |  | Jun 2010 | Aug 2011 | 35.77 |
| 30-015-00000 | RIITTER & WILBANKS                     | MAGRUDER ST.              | 002 | EDDY | S:36, T:17S, R:27E |       | O  | Active        |  | Sep 1947 | Dec 1947 | 37.13 |
| 30-015-00000 | COCKBURN, BARNEY                       | BEDINGFIELD ST. B         | 003 | EDDY | S:36, T:17S, R:27E |       | O  | Active        |  | Mar 1948 | Dec 1948 | 43.23 |
| 30-015-00672 | COCKBURN =, BARNEY                     | BEDINGFIELD ST.B          | 001 | EDDY | S:36, T:17S, R:27E |       | O  | Active        |  | Nov 1947 | Dec 1947 | 45.58 |
|              |                                        |                           |     |      | S:36,              |       |    |               |  |          |          |       |

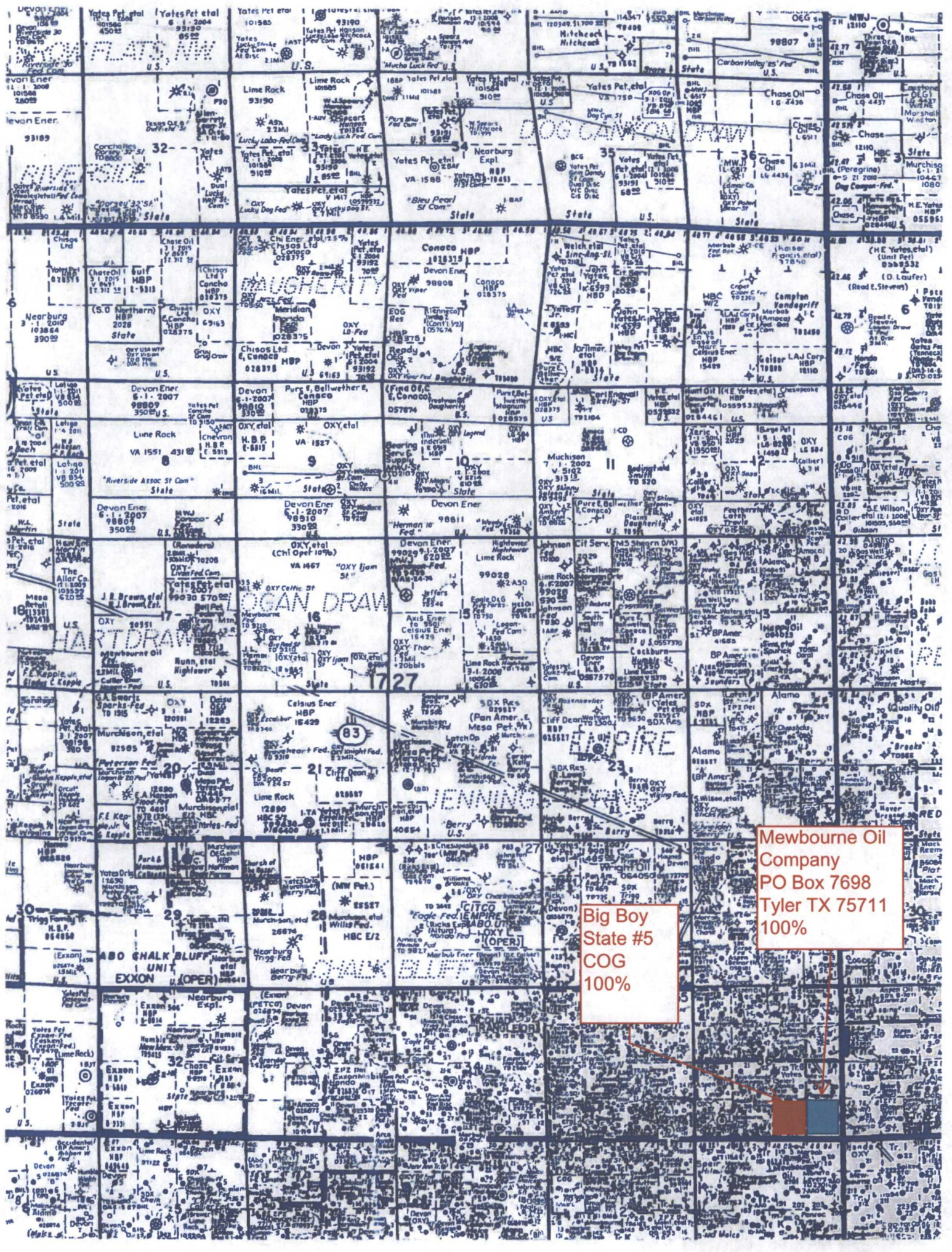
|              |                                  |                              |     |      |                          |        |    |                       |          |          |        |
|--------------|----------------------------------|------------------------------|-----|------|--------------------------|--------|----|-----------------------|----------|----------|--------|
| 30-015-00000 | SO. UNION GAS CO.                | DELHI                        | 011 | EDDY | T:17S,<br>R:27E          |        | G  | Active                | Jan 1948 | Dec 1948 | 49.42  |
| 30-015-00648 | PAN AMERICAN PETROLEUM CORP      | STATE EB                     | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |        | PO | Plugged and Abandoned | Jan 1959 | Dec 1971 | 58.58  |
| 30-015-00000 | YATES, MARTIN III ET AL          | DOOLEY                       | 002 | EDDY | S:36,<br>T:17S,<br>R:27E |        | G  | Active                | Mar 1948 | Dec 1967 | 65.65  |
| 30-015-00684 | GULF OIL CORP                    | EDDY I STATE NCT C           | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |        | O  | Active                | Sep 1959 | Dec 1971 | 71.23  |
| 30-015-00000 | KERSEY AND COMPANY               | RAMAPO                       | 005 | EDDY | S:36,<br>T:17S,<br>R:27E |        | G  | Active                | Sep 1961 | Dec 1970 | 84.35  |
| 30-015-00000 | KERSEY AND COMPANY               | RAMAPO                       | 004 | EDDY | S:36,<br>T:17S,<br>R:27E |        | G  | Active                | May 1960 | Dec 1970 | 88.71  |
| 30-015-00000 | MARTIN YATES III                 | DOOLEY ABO STATE             | 001 | EDDY | S:36,<br>T:17S,<br>R:27E |        | G  | Active                | Feb 1960 | Dec 1970 | 117.81 |
| 30-015-00652 | FAIRWAY RESOURCES OPERATING, LLC | SOUTH RED LAKE GRAYBURG UNIT | 008 | EDDY | S:36,<br>T:17S,<br>R:27E | 0      | PI | Pumping               | Jul 2001 | Feb 2010 |        |
| 30-015-00684 | FAIRWAY RESOURCES OPERATING, LLC | SOUTH RED LAKE GRAYBURG UNIT | 009 | EDDY | S:36,<br>T:17S,<br>R:27E | 0      | PI | Flowing               | Jan 1967 | Aug 2009 |        |
| 30-015-00667 | FAIRWAY RESOURCES OPERATING, LLC | SOUTH RED LAKE GRAYBURG UNIT | 011 | EDDY | S:36,<br>T:17S,<br>R:27E | 0      | PI | Active                | Oct 1988 | Aug 2011 |        |
| 30-015-00668 | FAIRWAY RESOURCES OPERATING, LLC | SOUTH RED LAKE GRAYBURG UNIT | 010 | EDDY | S:36,<br>T:17S,<br>R:27E | 0      | PO | Active                | Jan 1967 | Feb 2008 |        |
| 30-015-00678 | FAIRWAY RESOURCES OPERATING, LLC | SOUTH RED LAKE GRAYBURG UNIT | 020 | EDDY | S:36,<br>T:17S,<br>R:27E | 0      | I  | Flowing               | Jan 2001 | Aug 2011 |        |
| 30-015-00683 | FAIRWAY RESOURCES OPERATING, LLC | SOUTH RED LAKE GRAYBURG UNIT | 028 | EDDY | S:36,<br>T:17S,<br>R:27E | 0      | I  | Pumping               | Jan 1967 | Jul 2011 |        |
| 30-015-30907 | LIME ROCK RESOURCES A, L.P.      | NO BLUFF STATE COM           | 1   | EDDY | S:36,<br>T:17S,<br>R:27E | 9.917  | U  | Flowing               | Mar 2000 | Oct 2008 |        |
| 30-015-31123 | LIME ROCK RESOURCES A, L.P.      | NO BLUFF 36 STATE COM        | 002 | EDDY | S:36,<br>T:17S,<br>R:27E | 10.050 | G  | Flowing               | May 2001 | Aug 2011 |        |
| 30-015-30907 | LIME ROCK RESOURCES A, L.P.      | NO BLUFF STATE COM           | 1   | EDDY | S:36,<br>T:17S,<br>R:27E | 9.917  | U  | Flowing               | Jun 2009 | Mar 2011 |        |

### Producing Wells in Sec 36, T17S, R27E, Eddy County



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Mewbourne Oil  
Company  
PO Box 7698  
Tyler TX 75711  
100%

Big Boy  
State #5  
COG  
100%



**COG OPERATING LLC  
550 W. TEXAS, SUITE 1300  
MIDLAND, TX 79701**

2/8/2012

Mewbourne Oil Company  
PO Box 7698  
Tyler, TX 75711

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox Maljamar: YESO oil well.

**Big Boy State #5  
Eddy County, NM  
870' FSL & 1560' FEL Sec 36, T17S, R27E**

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 allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

COG Operating LLC



Kelly J. Holly  
Permitting Tech

432-685-4384  
[kholly@concho.com](mailto:kholly@concho.com)

**SENDER: COMPLETE THIS SECTION**

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

## 1. Article Addressed to:

Mewbourne Oil Company  
PO Box 7698  
Tyler TX 75711

## 2. Article Number

(Transfer from service label)

91 7199 9991 7030 4014 4191

**COMPLETE THIS SECTION ON DELIVERY**

## A. Signature

X *Henry Granillo*☒ Agent  
☐ Addressee

## B. Received by (Printed Name)

HENRY GRANILLO

## C. Date of Delivery

2-13-12

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

## 3. Service Type

- ☐ Certified Mail ☐ Express Mail  
☐ Registered ☐ Return Receipt for Merchandise  
☐ Insured Mail ☐ C.O.D.

## 4. Restricted Delivery? (Extra Fee)

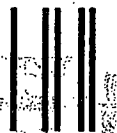
☐ Yes

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

UNITED STATES POSTAL SERVICE



First-Class Mail  
Postage & Fees Paid  
USPS  
Permit No. G-10

- Sender: Please print your name, address, and ZIP+4 in this box •

COG Operating  
Attn: Kelly Holly  
550 W Texas Suite 100  
Midland TX 79701

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