

|                       |                |                |                       |             |                           |
|-----------------------|----------------|----------------|-----------------------|-------------|---------------------------|
| DATE IN<br>02/14/2013 | SUSPENSE<br>NA | ENGINEER<br>DB | LOGGED IN<br>02/14/13 | TYPE<br>NSL | APP NO.<br>PPRG 130455149 |
|-----------------------|----------------|----------------|-----------------------|-------------|---------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

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



30-015-37140-00-00  
 RJ Unit # 138141  
 COG operating LLC

**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]

6769

[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

INTEREST ARE THE SAME

[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.

Kelly J. Holly  
 Print or Type Name

Signature

Permitting Tech  
 Title

2-13-13  
 Date

(432) 685-4384  
 Phone Number

kholly@concho.com  
 E-mail Address

**R J Unit #141  
Eddy County, NM**

COG proposes to drill a **VERTICAL** SE/4 SW /4, 40 acre spacing  
Grayburg Jackson SR Q G SA oil well  
TD of approximately 3600'

Location: 1090' FSL & 1573' FWL Sec 27, T17S, R29E, Unit N

**This well had to be drilled at a non-standard location  
due to an existing steel surface pipeline and existing buried pipeline.**

The plan for this well is to complete it in the San Andres formation.  
We won't know the exact perms until we drill & log it, but it will be very similar to  
the R J Unit #138 (2630' FSL & 1980' FEL, Section 27, T17S, R29E, UL J)  
which was completed in October 2006.

The R J Unit #138 completion has San Andres perms from 2677.5' – 3394',  
divided into 2 perf/stimulation intervals.

1<sup>st</sup> interval: 2677.5' – 2877.5',  
acidized w/ 2000 gals,  
frac'd w/ 40,000 gals 30# linear gel; 45,000 gal 40# gel; 15,440# LiteProp;  
91,149# 16/30 white sand.

2<sup>nd</sup> interval: 3028' – 3394',  
acidized w/ 2000 gals,  
frac'd w/ 32,500# gals 30# linear gel; 68,300 gal 40# gel; 8,012# LiteProp;  
91,980# 16/30 white sand.

At this time, we assume the R J Unit #143 should be very similar.

**Attachment 1**

Plat & map

**Attachment 2**

Map & legend of offset wells.

**Attachment 3**

Updated land plat showing that COG owns the offset acreage.  
The acreage we are encroaching on is Units L, M and K of Section 27.  
Interests are the same.

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

District I  
1625 N. French Dr., Hobbs, NM 88240  
Phone: (575) 393-6161 Fax: (575) 393-0720  
District II  
811 S. First St., Artesia, NM 88210  
Phone: (575) 748-1283 Fax: (575) 748-9720  
District III  
1000 Rio Brazos Road, Aztec, NM 87410  
Phone: (505) 334-6178 Fax: (505) 334-6170  
District IV  
1220 S. St. Francis Dr., Santa Fe, NM 87501  
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<br>30-015-37140 | <sup>2</sup> Pool Code<br>GAYL                   | <sup>3</sup> Pool Name<br>Grayburg Jackson, SR O GSA |
| <sup>4</sup> Property Code              | <sup>5</sup> Property Name<br>RJ UNIT            | <sup>6</sup> Well Number<br>141                      |
| <sup>7</sup> OGRID No.<br>229137        | <sup>8</sup> Operator Name<br>COG OPERATING, LLC | <sup>9</sup> Elevation<br>3524                       |

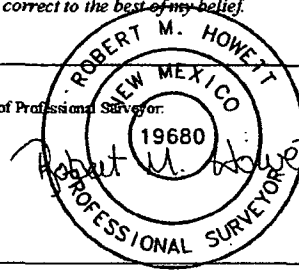
<sup>10</sup> Surface Location

| UL or lot no. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| N             | 27      | 17-S     | 29-E  |         | 1090          | SOUTH            | 1573          | WEST           | EDDY   |

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

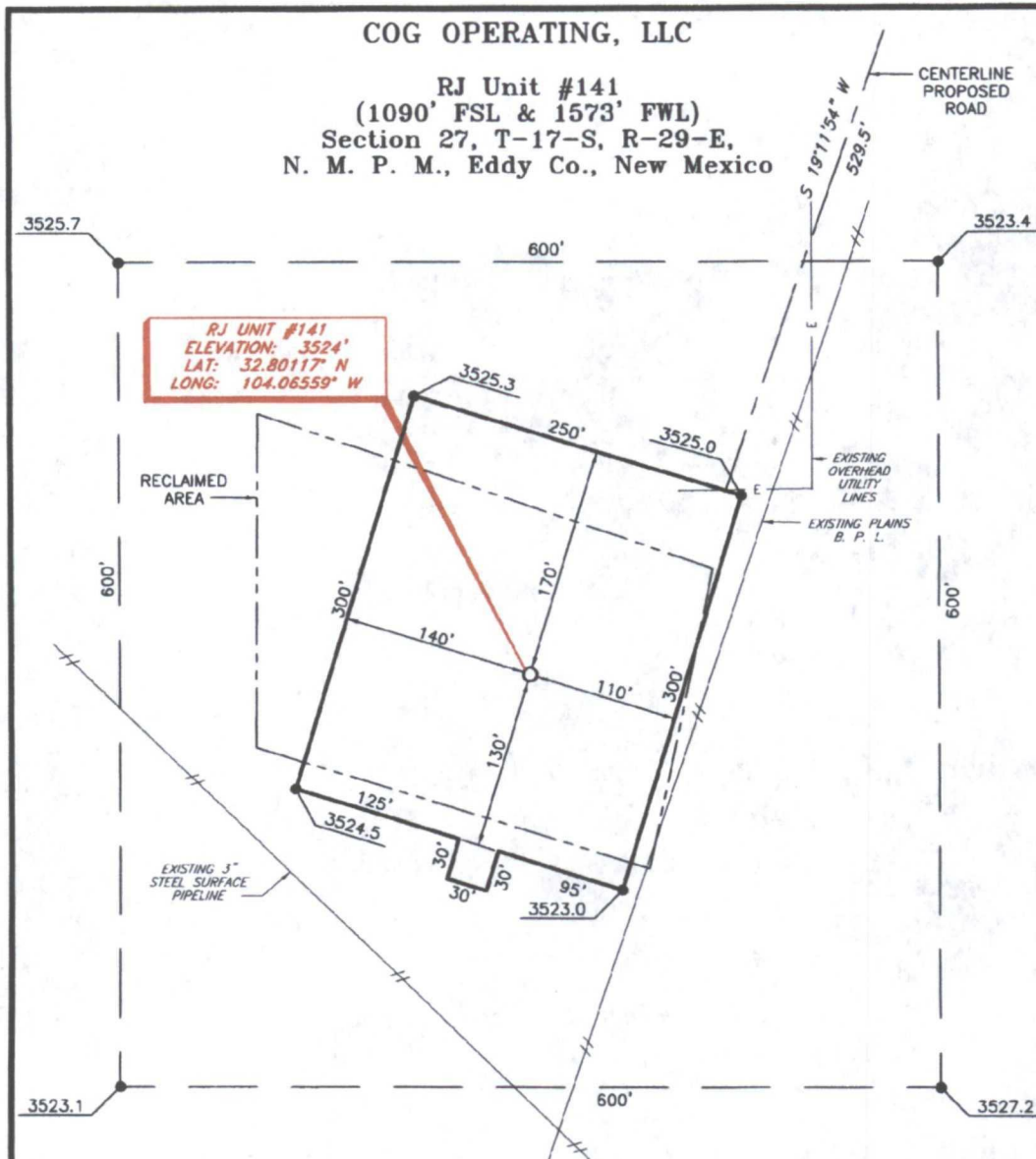
| UL or lot no.                       | Section                       | Township                         | Range                   | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|-------------------------------------|-------------------------------|----------------------------------|-------------------------|---------|--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

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

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p><sup>16</sup> (B)</p> <p>CORNER DATA<br/>NAD 27 GRID - NM EAST<br/>A: BRASS CAP "1914"<br/>N 654189.3 - E 580701.2<br/>B: BRASS CAP "1914"<br/>N 659479.7 - E 580680.9<br/>C: BRASS CAP "1914"<br/>N 659481.4 - E 585964.7<br/>D: BRASS CAP "1914"<br/>N 656840.3 - E 585972.5<br/>E: BRASS CAP "1914"<br/>N 654201.6 - E 585984.4<br/>F: BRASS CAP "1914"<br/>N 654189.9 - E 583349.6</p> <p>DETAIL "A"<br/>3525.7 600' 3523.4<br/>600' S. L.<br/>3523.1 3527.2<br/>1573'<br/>1090'<br/>S. L.<br/>SEE DETAIL "A"</p> <p>(A)</p> | <p>(C)</p> <p><sup>17</sup> OPERATOR CERTIFICATION<br/>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.</p> <p> 2-12-13<br/>Date<br/>Kelly J. Holly<br/>Printed Name<br/>kholly@concho.com<br/>E-mail Address</p> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | <p>(D)</p> <p><sup>18</sup> 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>1/22/13<br/>Date of Survey<br/>Signature and Seal of Professional Surveyor:<br/><br/>19680<br/>Certificate Number</p>                                                                                                                                                                                                                                                                        |

# COG OPERATING, LLC

RJ Unit #141  
(1090' FSL & 1573' FWL)  
Section 27, T-17-S, R-29-E,  
N. M. P. M., Eddy Co., New Mexico



## DIRECTIONS TO LOCATION

From the intersection of U. S. Hwy. No. 82 and County Road No. 213 (Standard);

Go Southeast and then South on County Road No. 213 approx. 1.2 miles;

Turn right on a lease road and go West approx. 0.5 mile to a two track road and the beginning of the proposed road;

Follow the two track road Southwesterly approx. 0.1 mile to the location.

SCALE: 1" = 100'

BEARINGS ARE  
NAD 27 - NM EAST  
DISTANCES ARE  
GROUND.

PROSPERITY CONSULTANTS, LLC



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| NO.       | REVISION  | DATE |
|-----------|-----------|------|
| JOB NO.:  | LS130006  |      |
| DWG. NO.: | 130006PAD |      |

2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

© (512) 992-2087 f (512) 251-2518

|                    |
|--------------------|
| SCALE: 1" = 100'   |
| DATE: 1/22/13      |
| SURVEYED BY: RH/GB |
| DRAWN BY: LWB      |
| APPROVED BY: LWB   |
| SHEET: 1 OF 1      |

2

## Producing wells in Sec 27, T17S, R29E, Eddy County

| API#         | Operator             | Lease                 | Well# | County | Legal              | Total Depth | Well Type | Well Status | First Prod. | Last Prod. | Prac. IP (MCF/D) |
|--------------|----------------------|-----------------------|-------|--------|--------------------|-------------|-----------|-------------|-------------|------------|------------------|
| 30-015-03140 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 002   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Pumping     | Jan 1947    | Nov 2012   | 0.00             |
| 30-015-03142 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 005   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Pumping     | Jan 1947    | Dec 2011   | 0.00             |
| 30-015-03143 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 031   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Pumping     | Mar 1951    | Nov 2012   | 0.00             |
| 30-015-03143 | VINTAGE DRILLING LLC | ROBINSON JACKSON UNIT | 031   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Pumping     | Mar 1971    | Dec 1977   | 0.00             |
| 30-015-03144 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 007   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Flowing     | Jan 1947    | Nov 2012   | 0.00             |
| 30-015-03145 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 008   | EDDY   | S:27, T:17S, R:29E |             | O         | Pumping     | Mar 1947    | Nov 2012   | 0.00             |
| 30-015-03146 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 009   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Flowing     | May 1947    | Nov 2012   | 0.00             |
| 30-015-03147 | SOUTHLAND ROYALTY CO | R-J UNIT              | 009   | EDDY   | S:27, T:17S, R:29E | 3,070       | O         | Flowing     | Jan 1954    | Jul 1993   | 0.00             |
| 30-015-03147 | SOUTHLAND ROYALTY CO | R-J UNIT              | 009   | EDDY   | S:27, T:17S, R:29E | 3,070       | O         | Flowing     | Jan 1974    | Dec 1977   | 0.00             |
| 30-015-03150 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 120   | EDDY   | S:27, T:17S, R:29E | 0           | PO        | Pumping     | Oct 1949    | May 2007   | 0.00             |
| 30-015-03151 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 012   | EDDY   | S:27, T:17S, R:29E |             | O         | Pumping     | Jan 1950    | Nov 2012   | 0.00             |
| 30-015-03152 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 015   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Flowing     | Mar 1947    | Nov 2012   | 0.00             |
| 30-015-03154 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 022   | EDDY   | S:27, T:17S, R:29E | 3,240       | O         | Pumping     | Aug 1950    | Nov 2012   | 0.00             |
| 30-015-03155 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 027   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Pumping     | Jan 1951    | Nov 2012   | 0.00             |
| 30-015-03156 | COG OPERATING LLC    | ROBINSON JACKSON UNIT | 028   | EDDY   | S:27, T:17S, R:29E | 0           | O         | Pumping     | Dec 1950    | Nov 2012   | 0.00             |
|              |                      |                       |       |        | S:27,              |             |           |             |             |            |                  |

|              |                              |                       |     |      |                          |        |   |                       |          |          |      |
|--------------|------------------------------|-----------------------|-----|------|--------------------------|--------|---|-----------------------|----------|----------|------|
| 30-015-03157 | COG OPERATING LLC            | ROBINSON JACKSON UNIT | 029 | EDDY | T:17S,<br>R:29E          | 0      | O | Pumping               | Nov 1950 | Nov 2012 | 0.00 |
| 30-015-03158 | ALAMO PERMIAN RESOURCES, LLC | ROBINSON STATE        | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 0      | O | Pumping               | Jan 1955 | Dec 2012 | 0.00 |
| 30-015-03159 | ALAMO PERMIAN RESOURCES, LLC | ROBINSON STATE        | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0      | O | Pumping               | Aug 1950 | Oct 2012 | 0.00 |
| 30-015-03160 | MACK ENERGY CORP             | ROBINSON STATE        | 004 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,559  | O | Active                | Jan 1993 | Oct 2001 | 0.00 |
| 30-015-03162 | ALAMO PERMIAN RESOURCES, LLC | ROBINSON STATE        | 001 | EDDY | S:27,<br>T:17S,<br>R:29E |        | O | Pumping               | Jan 1950 | Oct 2012 | 0.00 |
| 30-015-03163 | COG OPERATING LLC            | G J WEST COOP UNIT    | 125 | EDDY | S:27,<br>T:17S,<br>R:29E | 6,475  | O | Temporarily Abandoned | Jan 1993 | Apr 2007 | 0.00 |
| 30-015-03164 | COG OPERATING LLC            | ROBINSON JACKSON UNIT | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 0      | O | Pumping               | Jan 1947 | Nov 2012 | 0.00 |
| 30-015-03177 | COG OPERATING LLC            | ROBINSON JACKSON UNIT | 014 | EDDY | S:27,<br>T:17S,<br>R:29E | 0      | O | Pumping               | Feb 1947 | Nov 2012 | 0.00 |
| 30-015-22037 | COG OPERATING LLC            | F M ROBINSON          | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 11,060 | D | Salt Water Disposal   | Jan 1993 | Nov 2012 | 0.00 |
| 30-015-31008 | COG OPERATING LLC            | BR-549 STATE          | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,559  | O | Pumping               | Jan 1954 | Nov 2012 | 0.00 |
| 30-015-03160 |                              | CONTINENTAL 27 STATE  | 004 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,559  | O | Active                | Sep 1956 | Dec 1993 | 0.00 |
| 30-015-03160 |                              | CONTINENTAL 27 STATE  | 004 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,559  | O | Active                | Aug 1975 | Aug 1975 | 0.00 |
| 30-015-31037 |                              | CONTINENTAL 27 STATE  | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,580  | O | Pumping               | Jan 1958 | Dec 1993 | 0.00 |
| 30-015-03162 |                              | ROBINSON GAS COM      | 001 | EDDY | S:27,<br>T:17S,<br>R:29E |        | O | Pumping               | Jan 1955 | Apr 1979 | 0.00 |
| 30-015-03143 |                              | RJU TR 2              | 031 | EDDY | S:27,<br>T:17S,<br>R:29E | 0      | O | Pumping               | Jan 1954 | Dec 1993 | 0.00 |
| 30-015-03143 |                              | RJU TR 2              | 031 | EDDY | S:27,<br>T:17S,<br>R:29E | 0      | O | Pumping               | Mar 1971 | Jul 1974 | 0.00 |
| 30-015-03154 |                              | RJU TR 2              | 022 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,240  | O | Pumping               | Jan 1956 | Dec 1993 | 0.00 |
|              |                              |                       |     |      | S:27,                    |        |   |                       |          |          |      |

|              |                               |                           |     |      |                          |       |    |         |          |          |      |
|--------------|-------------------------------|---------------------------|-----|------|--------------------------|-------|----|---------|----------|----------|------|
| 30-015-03157 |                               | RJU TR 2                  | 029 | EDDY | T:17S,<br>R:29E          | 0     | O  | Pumping | Jun 1982 | Dec 1993 | 0.00 |
| 30-015-03157 |                               | RJU TR 2                  | 029 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping | Jan 1974 | Jul 1974 | 0.00 |
| 30-015-03149 |                               | RJU TR 1                  | 013 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,000 | O  | Flowing | Jan 1950 | Jul 1993 | 0.00 |
| 30-015-00000 |                               | RJU TR 2A                 | 008 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Active  | Jan 1954 | Dec 1954 | 0.00 |
| 30-015-03156 |                               | RJU TR 2A                 | 028 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping | Jan 1954 | Dec 1993 | 0.00 |
| 30-015-03156 |                               | RJU TR 2A                 | 028 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping | Jan 1970 | Oct 1977 | 0.00 |
| 30-015-03150 |                               | RJU TR 1                  | 120 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | PO | Pumping | Jan 1950 | Dec 1993 | 0.00 |
| 30-015-03150 |                               | RJU TR 1                  | 120 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | PO | Pumping | Nov 1973 | Jul 1974 | 0.00 |
| 30-015-03149 | ATLANTIC RICHFIELD<br>COMPANY | F M ROBINSON A<br>UNIT II | 013 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,000 | O  | Flowing | Aug 1949 | Dec 1971 | 0.00 |
| 30-015-00000 | ATLANTIC RICHFIELD<br>COMPANY | F M ROBINSON B<br>UNIT I  | 008 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Active  | Jan 1950 | Nov 1967 | 0.00 |
| 30-015-03147 | ATLANTIC RICHFIELD<br>COMPANY | F M ROBINSON B<br>UNIT 1  | 009 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,070 | O  | Flowing | Jan 1950 | Sep 1965 | 0.00 |
| 30-015-00000 | SINCLAIR PRORATE<br>UNIT 2    | F M ROBINSON B<br>FED     | 028 | EDDY | S:27,<br>T:17S,<br>R:29E |       | G  | Active  | Jan 1956 | Dec 1965 | 0.00 |
| 30-015-29973 | PRORATION UNIT II             | ROBINSON A                | 010 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,566 | O  | Pumping | Jan 1953 | Dec 1957 | 0.00 |
| 30-015-31008 | LEONARD OIL CO.               | STATE C                   | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,559 | O  | Pumping | Jan 1947 | Dec 1956 | 0.00 |
| 30-015-00000 | LEONARD OIL CO.               | STATE C                   | 002 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Active  | Jan 1947 | Dec 1956 | 0.00 |
| 30-015-03162 | BOYD PLEMONS<br>DRILLING CO   | CONTINENTAL<br>STATE      | 001 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Pumping | Apr 1962 | Nov 1963 | 0.00 |
| 30-015-03159 | BOYD PLEMONS<br>DRILLING CO   | CONTINENTAL<br>STATE      | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping | Jan 1953 | Apr 1962 | 0.00 |
|              |                               |                           |     |      | S:27,                    |       |    |         |          |          |      |

|              |                              |            |     |      |                          |       |   |         |          |          |      |
|--------------|------------------------------|------------|-----|------|--------------------------|-------|---|---------|----------|----------|------|
| 30-015-31008 | LEONARD OIL CO               | STATE B    | 001 | EDDY | T:17S,<br>R:29E          | 4,559 | O | Pumping | Jan 1957 | Dec 1963 | 0.00 |
| 30-015-00000 | LEONARD OIL CO               | STATE B    | 002 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Active  | Jan 1957 | Dec 1964 | 0.00 |
| 30-015-00000 | PRORATION UNIT 2             | ROBINSON A | 010 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Active  | Sep 1947 | Dec 1952 | 0.00 |
| 30-015-00000 | PRORATION UNIT W-4           | KEELEY C   | 042 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Active  | Nov 1950 | Dec 1952 | 0.00 |
| 30-015-03155 | AMERICAN REP.<br>CORP.       | ROBINSON B | 027 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Pumping | Jan 1950 | Dec 1958 | 0.00 |
| 30-015-00000 | BOYD-PLEMONS<br>DRILLING CO. | STATE 27   | 1-3 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Active  | Jan 1952 | Dec 1957 | 0.00 |
| 30-015-00000 | PRORATION UNIT NO.<br>1      | ROBINSON B | 008 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Active  | Jan 1947 | Dec 1957 | 0.00 |
| 30-015-03147 | PRORATION UNIT<br>NO.1       | ROBINSON B | 009 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,070 | O | Flowing | Feb 1947 | Dec 1957 | 0.00 |
| 30-015-03151 | COG OPERATING LLC            | ROBINSON B | 012 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Pumping | Jan 1947 | Jul 2007 | 0.00 |
| 30-015-03162 | CONTINENTAL OIL CO.          | STATE P-27 | 001 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Pumping | Jan 1947 | Dec 1949 | 0.00 |
| 30-015-03164 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON B | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Pumping | Jan 1948 | Dec 1958 | 0.00 |
| 30-015-03140 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON B | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Pumping | Jan 1948 | Dec 1959 | 0.00 |
| 30-015-03177 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON B | 014 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Pumping | Jan 1948 | Dec 1957 | 0.00 |
| 30-015-03152 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON B | 015 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Flowing | Jan 1948 | Dec 1957 | 0.00 |
| 30-015-03142 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON A | 005 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Pumping | Jan 1948 | Dec 1957 | 0.00 |
| 30-015-03144 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON A | 007 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Flowing | Jan 1948 | Dec 1957 | 0.00 |
| 30-015-03145 | AMERICAN<br>REPUBLICS CORP.  | ROBINSON A | 008 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O | Pumping | Jan 1948 | Dec 1957 | 0.00 |
|              |                              |            |     |      | S:27,                    |       |   |         |          |          |      |



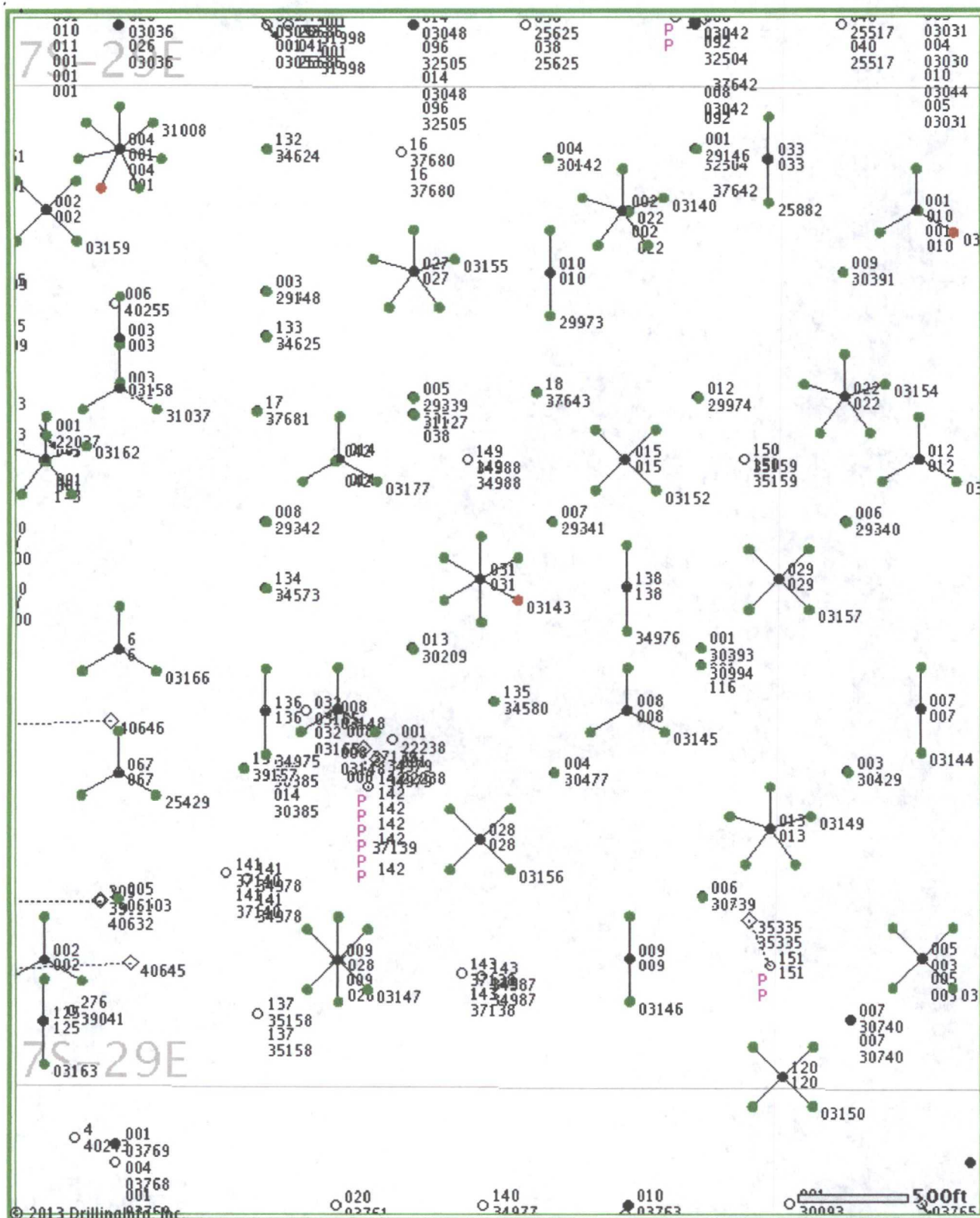
|              |                               |                          |     |      |                          |       |    |                       |          |          |      |
|--------------|-------------------------------|--------------------------|-----|------|--------------------------|-------|----|-----------------------|----------|----------|------|
| 30-015-03146 | AMERICAN<br>REPUBLICS CORP.   | ROBINSON A               | 009 | EDDY | T:17S,<br>R:29E          | 0     | O  | Flowing               | Jan 1948 | Oct 1965 | 0.00 |
| 30-015-00000 | AMERICAN<br>REPUBLICS CORP.   | ROBINSON B               | 022 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Active                | Oct 1948 | Dec 1949 | 0.00 |
| 30-015-03154 | PRORATION UNIT I              | ROBINSON B               | 022 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,240 | O  | Pumping               | Jan 1953 | Dec 1957 | 0.00 |
| 30-015-03156 | PRORATION UNIT I              | ROBINSON B               | 028 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping               | Jan 1953 | Dec 1957 | 0.00 |
| 30-015-03157 | PRORATION UNIT I              | RIBINSON B               | 029 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping               | Jan 1953 | Aug 1953 | 0.00 |
| 30-015-03143 | PRORATION UNIT I              | ROBINSON B               | 031 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping               | Jan 1953 | Dec 1957 | 0.00 |
| 30-015-03149 | PRORATION UNIT II             | ROBINSON A               | 013 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,000 | O  | Flowing               | Jan 1953 | Dec 1957 | 0.00 |
| 30-015-03150 | PRORATION UNIT II             | ROBINSON A               | 120 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | PO | Pumping               | Jan 1953 | Dec 1965 | 0.00 |
| 30-015-03155 | SINCLAIR OIL & GAS<br>COMPANY | ROBINSON B               | 027 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping               | Jan 1957 | Dec 1957 | 0.00 |
| 30-015-03177 | ATLANTIC RICHFIELD<br>COMPANY | F M ROBINSON B<br>UNIT I | 014 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping               | Feb 1965 | Dec 1971 | 0.00 |
| 30-015-31008 | TENNECO OIL CO.               | STATE N                  | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,559 | O  | Pumping               | Jan 1965 | Dec 1965 | 0.00 |
| 30-015-00000 | TENNECO OIL CO.               | STATE N                  | 002 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Active                | Jan 1965 | Dec 1965 | 0.00 |
| 30-015-00000 | ATLANTIC RICHFIELD<br>COMPANY | F M ROBINSON B<br>UNIT I | 028 | EDDY | S:27,<br>T:17S,<br>R:29E |       | G  | Active                | Jan 1971 | Dec 1971 | 1.50 |
| 30-015-03149 | SOUTHLAND<br>ROYALTY CO       | R-J UNIT                 | 013 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,000 | O  | Flowing               | Jan 1960 | Jul 1993 | 2.14 |
| 30-015-03154 |                               | RJU TR 2                 | 022 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,240 | O  | Pumping               | Jan 1970 | Jul 1974 | 2.36 |
| 30-015-03166 | MACK ENERGY CORP              | G J WEST COOP<br>UNIT    | 6   | EDDY | S:27,<br>T:17S,<br>R:29E | 5,205 | O  | Pumping               | Jan 1967 | Dec 1977 | 2.89 |
| 30-015-03163 | COG OPERATING LLC             | G J WEST COOP<br>UNIT    | 125 | EDDY | S:27,<br>T:17S,<br>R:29E | 6,475 | O  | Temporarily Abandoned | Jan 2005 | Nov 2012 | 4.21 |
|              |                               |                          |     |      | S:27,                    |       |    |                       |          |          |      |

|              |                            |                        |     |      |                    |       |    |                       |          |          |       |
|--------------|----------------------------|------------------------|-----|------|--------------------|-------|----|-----------------------|----------|----------|-------|
| 30-015-03164 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON B UNIT I  | 001 | EDDY | T:17S, R:29E       | 0     | O  | Pumping               | Jan 1965 | Apr 1971 | 4.64  |
| 30-015-03151 | VINTAGE DRILLING LLC       | ROBINSON JACKSON UNIT  | 012 | EDDY | S:27, T:17S, R:29E |       | O  | Pumping               | Jan 1967 | Dec 1977 | 5.43  |
| 30-015-03143 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON B UNIT I  | 031 | EDDY | S:27, T:17S, R:29E | 0     | O  | Pumping               | Jan 1965 | Mar 1971 | 6.07  |
| 30-015-25882 |                            | RJU TR 2A              | 033 | EDDY | S:27, T:17S, R:29E | 3,500 | O  | Pumping               | Oct 1988 | Dec 1993 | 6.57  |
| 30-015-31127 | COG OPERATING LLC          | ROBINSON JACKSON UNIT  | 038 | EDDY | S:27, T:17S, R:29E | 3,223 | O  | Pumping               | Jul 2000 | Nov 2012 | 7.29  |
| 30-015-03154 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON B UNIT I  | 022 | EDDY | S:27, T:17S, R:29E | 3,240 | O  | Pumping               | Jan 1965 | Dec 1971 | 7.79  |
| 30-015-03140 | VINTAGE DRILLING LLC       | ROBINSON JACKSON UNIT  | 002 | EDDY | S:27, T:17S, R:29E | 0     | O  | Pumping               | Jan 1967 | Dec 1977 | 7.86  |
| 30-015-03152 | VINTAGE DRILLING LLC       | ROBINSON JACKSON UNIT  | 015 | EDDY | S:27, T:17S, R:29E | 0     | O  | Flowing               | Jan 1967 | Apr 1973 | 8.36  |
| 30-015-03152 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON B UNIT I  | 015 | EDDY | S:27, T:17S, R:29E | 0     | O  | Flowing               | Jan 1965 | Dec 1971 | 8.36  |
| 30-015-03142 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON A UNIT II | 005 | EDDY | S:27, T:17S, R:29E | 0     | O  | Pumping               | Jan 1965 | Dec 1971 | 8.39  |
| 30-015-30994 | COG OPERATING LLC          | ROBINSON JACKSON UNIT  | 116 | EDDY | S:27, T:17S, R:29E | 3,609 | PO | Pumping               | Jun 2000 | Apr 2006 | 8.42  |
| 30-015-03142 | VINTAGE DRILLING LLC       | ROBINSON JACKSON UNIT  | 005 | EDDY | S:27, T:17S, R:29E | 0     | O  | Pumping               | Jan 1967 | Dec 1977 | 8.50  |
| 30-015-25882 | COG OPERATING LLC          | ROBINSON JACKSON UNIT  | 033 | EDDY | S:27, T:17S, R:29E | 3,500 | O  | Pumping               | Jan 1993 | Nov 2012 | 9.86  |
| 30-015-03166 | COG OPERATING LLC          | G J WEST COOP UNIT     | 6   | EDDY | S:27, T:17S, R:29E | 5,205 | O  | Pumping               | Jan 1966 | Apr 2007 | 11.04 |
| 30-015-06103 | MACK ENERGY CORP           | G J WEST COOP UNIT     | 005 | EDDY | S:27, T:17S, R:29E |       | I  | Temporarily Abandoned | Jan 1966 | Dec 1989 | 11.04 |
| 30-015-03155 | VINTAGE DRILLING LLC       | ROBINSON JACKSON UNIT  | 027 | EDDY | S:27, T:17S, R:29E | 0     | O  | Pumping               | Jan 1967 | Dec 1977 | 11.71 |
| 30-015-03149 |                            | RJU TR 1               | 013 | EDDY | S:27, T:17S, R:29E | 3,000 | O  | Flowing               | Jan 1970 | Jul 1974 | 11.89 |
|              |                            |                        |     |      | S:27,              |       |    |                       |          |          |       |

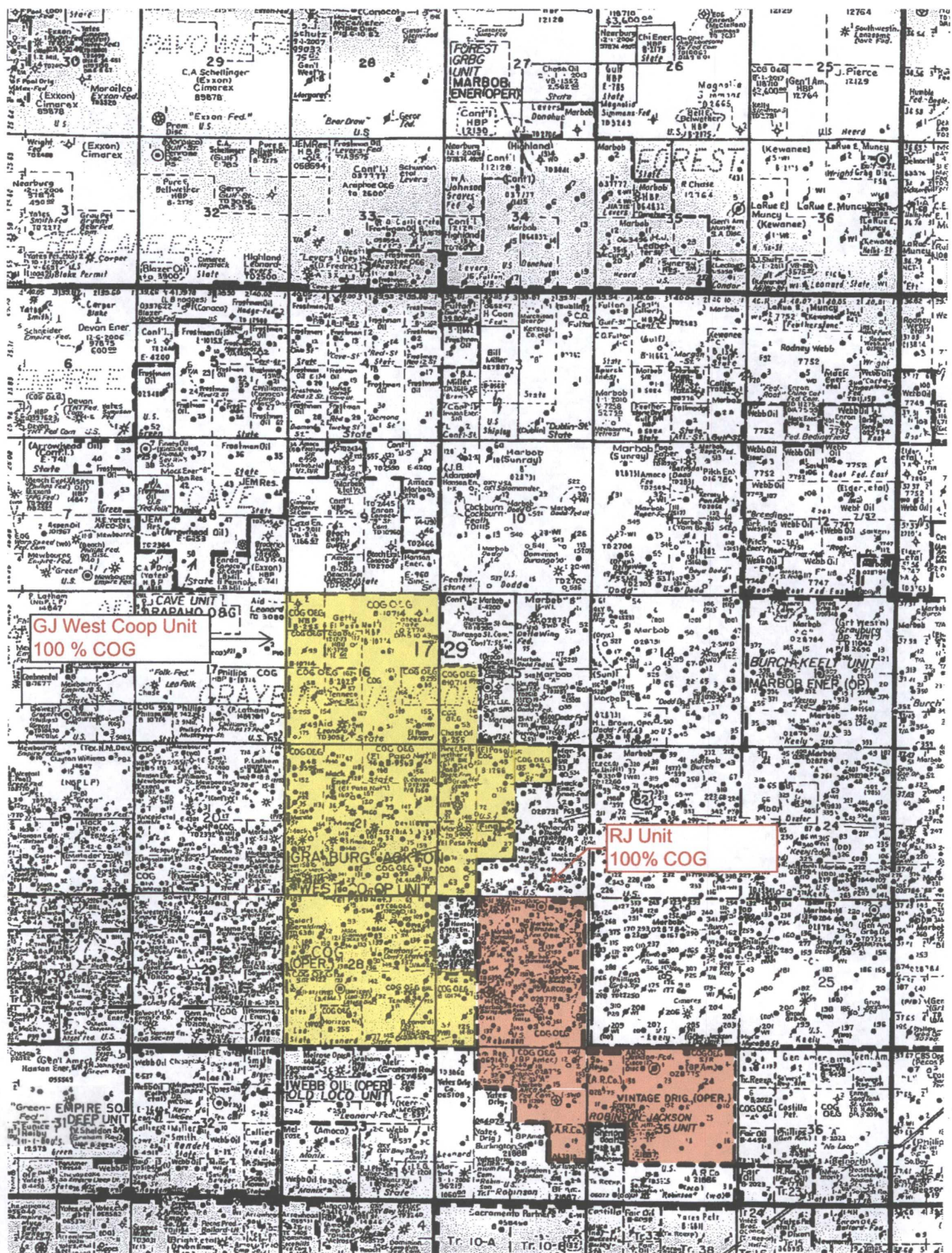
|              |                            |                        |     |      |                          |       |    |               |          |          |       |
|--------------|----------------------------|------------------------|-----|------|--------------------------|-------|----|---------------|----------|----------|-------|
| 30-015-03145 | VINTAGE DRILLING LLC       | ROBINSON JACKSON UNIT  | 008 | EDDY | T:17S,<br>R:29E          |       | O  | Pumping       | Mar 1974 | Dec 1977 | 11.93 |
| 30-015-25429 | COG OPERATING LLC          | G J WEST COOP UNIT     | 067 | EDDY | S:27,<br>T:17S,<br>R:29E | 5,064 | PO | Pumping       | Jan 2005 | Nov 2012 | 12.61 |
| 30-015-03159 | HANSON ENERGY              | ROBINSON STATE         | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping       | Jan 1959 | Dec 1977 | 21.00 |
| 30-015-03155 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON B TRACT 1 | 027 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping       | Jan 1965 | Dec 1971 | 23.29 |
| 30-015-03140 | ATLANTIC RICHFIELD COMPANY | F M ROBINSON B TRACT 1 | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping       | Jan 1965 | Feb 1971 | 27.68 |
| 30-015-30477 | APACHE CORP                | B 440 FEDERAL          | 004 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,812 | O  | Pumping       | Sep 1999 | Nov 2012 | 28.71 |
| 30-015-03159 | TOM BOYD AND JACK PLEMONS  | CONTINENTAL 27 STATE   | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping       | Jan 1971 | Dec 1971 | 32.14 |
| 30-015-03162 | TOM BOYD AND JACK PLEMONS  | CONTINENTAL 27 STATE   | 001 | EDDY | S:27,<br>T:17S,<br>R:29E |       | O  | Pumping       | Jan 1971 | Dec 1971 | 32.18 |
| 30-015-30739 | APACHE CORP                | B 440 FEDERAL          | 006 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,900 | O  | Pumping       | Aug 2001 | Nov 2012 | 33.83 |
| 30-015-31037 |                            | CONTINENTAL 27 STATE   | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,580 | O  | Pumping       | Sep 1973 | Dec 1973 | 35.52 |
| 30-015-34975 | COG OPERATING LLC          | RJ UNIT                | 136 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,615 | O  | Active Permit | Oct 2006 | Jan 2007 | 37.73 |
| 30-015-34975 | COG OPERATING LLC          | RJ UNIT                | 136 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,615 | O  | Active Permit | Oct 2006 | Nov 2012 | 37.73 |
| 30-015-03166 | COG OPERATING LLC          | G J WEST COOP UNIT     | 6   | EDDY | S:27,<br>T:17S,<br>R:29E | 5,205 | O  | Pumping       | Jan 2005 | Nov 2012 | 39.57 |
| 30-015-03158 | HANSON ENERGY              | ROBINSON STATE         | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O  | Pumping       | Jan 1959 | Dec 1977 | 41.96 |
| 30-015-34976 | COG OPERATING LLC          | RJ UNIT                | 138 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,610 | O  | Active Permit | Oct 2006 | Jan 2007 | 56.60 |
| 30-015-34976 | COG OPERATING LLC          | RJ UNIT                | 138 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,610 | O  | Active Permit | Oct 2006 | Apr 2012 | 56.60 |
| 30-015-25429 | COG OPERATING LLC          | G J WEST COOP UNIT     | 067 | EDDY | S:27,<br>T:17S,<br>R:29E | 5,064 | PO | Pumping       | Jan 1993 | Apr 2007 | 67.00 |
|              |                            |                        |     |      | S:27,                    |       |    |               |          |          |       |

|              |                   |                      |     |      |                          |       |    |               |          |          |        |
|--------------|-------------------|----------------------|-----|------|--------------------------|-------|----|---------------|----------|----------|--------|
| 30-015-29341 | APACHE CORP       | BARNSDALL<br>FEDERAL | 007 | EDDY | T:17S,<br>R:29E          | 6,600 | O  | Pumping       | Nov 1997 | Nov 2012 | 68.45  |
| 30-015-34625 | COG OPERATING LLC | RJ UNIT              | 133 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,610 | PO | Active        | Apr 2006 | Nov 2012 | 71.03  |
| 30-015-34624 | COG OPERATING LLC | RJ UNIT              | 132 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,616 | PO | Active        | Apr 2006 | Nov 2012 | 71.84  |
| 30-015-25429 |                   | G J WEST COOP<br>UT  | 067 | EDDY | S:27,<br>T:17S,<br>R:29E | 5,064 | PO | Pumping       | Jan 1986 | Dec 1993 | 76.89  |
| 30-015-34580 | COG OPERATING LLC | RJ UNIT              | 135 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,615 | PO | Active Permit | Apr 2006 | Nov 2012 | 78.13  |
| 30-015-30429 | APACHE CORP       | B 440 FEDERAL        | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,806 | O  | Pumping       | Jun 1999 | Nov 2012 | 80.10  |
| 30-015-30142 | APACHE CORP       | BARNSDALL<br>FEDERAL | 004 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,690 | O  | Pumping       | Aug 1998 | Nov 2012 | 81.83  |
| 30-015-29974 | APACHE CORP       | BARNSDALL<br>FEDERAL | 012 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,700 | O  | Pumping       | Oct 1998 | Nov 2012 | 93.27  |
| 30-015-37681 | APACHE CORP       | BARNSDALL<br>FEDERAL | 17  | EDDY | S:27,<br>T:17S,<br>R:29E | 6,016 | O  | Active Permit | Jun 2011 | Nov 2012 | 97.52  |
| 30-015-34573 | COG OPERATING LLC | RJ UNIT              | 134 | EDDY | S:27,<br>T:17S,<br>R:29E | 3,610 | PO | Active Permit | Mar 2006 | Nov 2012 | 98.00  |
| 30-015-29340 | APACHE CORP       | BARNSDALL<br>FEDERAL | 006 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,700 | O  | Pumping       | May 1997 | Nov 2012 | 110.10 |
| 30-015-31037 | COG OPERATING LLC | BR-549 STATE         | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,580 | O  | Pumping       | Aug 2000 | Nov 2012 | 113.33 |
| 30-015-39157 | APACHE CORP       | BARNSDALL<br>FEDERAL | 19  | EDDY | S:27,<br>T:17S,<br>R:29E | 6,100 | O  | Active Permit | Dec 2011 | Nov 2012 | 114.06 |
| 30-015-29148 | APACHE CORP       | BARNSDALL<br>FEDERAL | 003 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,600 | O  | Pumping       | Apr 1997 | Nov 2012 | 123.13 |
| 30-015-30393 | APACHE CORP       | B 440 FEDERAL        | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,750 | O  | Pumping       | Nov 1998 | Nov 2012 | 132.19 |
| 30-015-29342 | APACHE CORP       | BARNSDALL<br>FEDERAL | 008 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,825 | O  | Pumping       | Mar 1998 | Nov 2012 | 150.23 |
| 30-015-29146 | APACHE CORP       | BARNSDALL<br>FEDERAL | 001 | EDDY | S:27,<br>T:17S,<br>R:29E | 5,766 | O  | Pumping       | Oct 1996 | Nov 2012 | 151.30 |
|              |                   |                      |     |      | S:27,                    |       |    |               |          |          |        |

|              |                               |                      |     |      |                          |       |   |               |          |          |        |
|--------------|-------------------------------|----------------------|-----|------|--------------------------|-------|---|---------------|----------|----------|--------|
| 30-015-37643 | APACHE CORP                   | BARNSDALL<br>FEDERAL | 18  | EDDY | T:17S,<br>R:29E          | 6,046 | O | Active Permit | Jul 2011 | Nov 2012 | 152.13 |
| 30-015-30391 | APACHE CORP                   | BARNSDALL<br>FEDERAL | 009 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,694 | O | Pumping       | Nov 1998 | Nov 2012 | 167.45 |
| 30-015-30209 | APACHE CORP                   | BARNSDALL<br>FEDERAL | 013 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,785 | O | Pumping       | Aug 1999 | Nov 2012 | 203.57 |
| 30-015-29339 | APACHE CORP                   | BARNSDALL<br>FEDERAL | 005 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,695 | O | Pumping       | Apr 1998 | Nov 2012 | 243.71 |
| 30-015-29973 | APACHE CORP                   | BARNSDALL<br>FEDERAL | 010 | EDDY | S:27,<br>T:17S,<br>R:29E | 4,566 | O | Pumping       | Apr 1998 | Nov 2012 | 254.39 |
| 30-015-03140 | SINCLAIR OIL & GAS<br>COMPANY | ROBINSON B           | 002 | EDDY | S:27,<br>T:17S,<br>R:29E | 0     | O | Pumping       | Jan 1955 | Dec 1957 |        |







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