

|                        |          |                        |                          |                 |                                    |
|------------------------|----------|------------------------|--------------------------|-----------------|------------------------------------|
| DATE IN <u>7/16/09</u> | SUSPENSE | ENGINEER <u>Brooks</u> | LOGGED IN <u>7/16/09</u> | TYPE <u>NSL</u> | PTGW<br>APP NO. <u>090975 6630</u> |
|------------------------|----------|------------------------|--------------------------|-----------------|------------------------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

## NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



Electra Fed. #57

REIVED

C06

2009 JUL 16 PM 1 03 (229137)

### ADMINISTRATIVE APPLICATION CHECKLIST

Eddy Co.

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

#### Application Acronyms:

- [NSL-Non-Standard Location] [NSP-Non-Standard Proration Unit] [SD-Simultaneous Dedication]**  
**[DHC-Downhole Commingling] [CTB-Lease Commingling] [PLC-Pool/Lease Commingling]**  
**[PC-Pool Commingling] [OLS - Off-Lease Storage] [OLM-Off-Lease Measurement]**  
**[WFX-Waterflood Expansion] [PMX-Pressure Maintenance Expansion]**  
**[SWD-Salt Water Disposal] [IPI-Injection Pressure Increase]**  
**[EOR-Qualified Enhanced Oil Recovery Certification] [PPR-Positive Production Response]**

#### [1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication  
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement  
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery  
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

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

NSL-6062

#### [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.

ROBYN M. ODOM  
Print or Type Name

Signature

REGULATORY ANALYST  
Title

7/13/09  
Date

rododm@conchoresources.com  
e-mail Address

**Electra Federal #57  
Eddy County, NM**

COG is requesting to **vertically** drill a NW/4 40 acre spacing  
Loco Hills; Glorieta Yeso oil well  
TD of approximately 6000'

Non-standard Location:  
1155' FNL & 1095' FWL Sec 10, T17S, R30E, Unit D

**This well had to be staked at a non-standard location do to electrical lines.**

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 Electra Federal #10 which was recently drilled in January 2007 and is located  
765' FSL 2310' FWL, Section 10, T17S, R30E, Unit N.

The Electra Federal #10 completion divided the Yeso up into 3 perf/stimulation  
intervals. At this time, we believe the Electra Federal #57 should be very similar.

Electra Federal #10 has perms from: 4920' – 5848.5' overall, with the following  
breakdown:

1<sup>st</sup> interval: 5567' – 5848.5',  
acidized w/ 2500 gals,  
frac'd w/ 95,103 gals gel, 8321# LiteProp, & 85,970# 16/30 sand.

2<sup>nd</sup> interval: 5192.5' – 5475.5',  
acidized w/ 2500 gals,  
frac'd w/ 97,107 gals gel, 8215# LiteProp, & 87,106# 16/30 sand.

3<sup>rd</sup> interval: 4920' – 5107',  
acidized w/ 2500 gals,  
frac'd w/ 94,099 gals gel, 8448# LiteProp, & 87,526# 16/30 sand.

**Attachment 1**

Plat & map

**Attachment 2**

Map & legend of offset wells.

**Attachment 3**

Updated land plat showing that COG owns offset acreage.  
The acreage we are encroaching is the NE/4 NW/4, the SE/4 NW/4 and the  
SW/4 NW/4 of Section 10.

Interests are the same.

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

DISTRICT I  
1625 N. FRENCH DR., HOBBS, NM 88240

State of New Mexico  
Energy, Minerals and Natural Resources Department

DISTRICT II  
1301 W. GRAND AVENUE, ARTESIA, NM 88210

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

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

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

Form C-102  
Revised October 12, 2005  
Submit to Appropriate District Office  
State Lease - 4 Copies  
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

|                         |                                     |                                        |
|-------------------------|-------------------------------------|----------------------------------------|
| API Number<br>30-015-   | Pool Code<br>96178                  | Pool Name<br>LOCO HILLS; GLORIETA-YESO |
| Property Code<br>302483 | Property Name<br>ELECTRA FEDERAL    | Well Number<br>57                      |
| OGRID No.<br>229137     | Operator Name<br>COG OPERATING, LLC | Elevation<br>3721'                     |

Surface Location

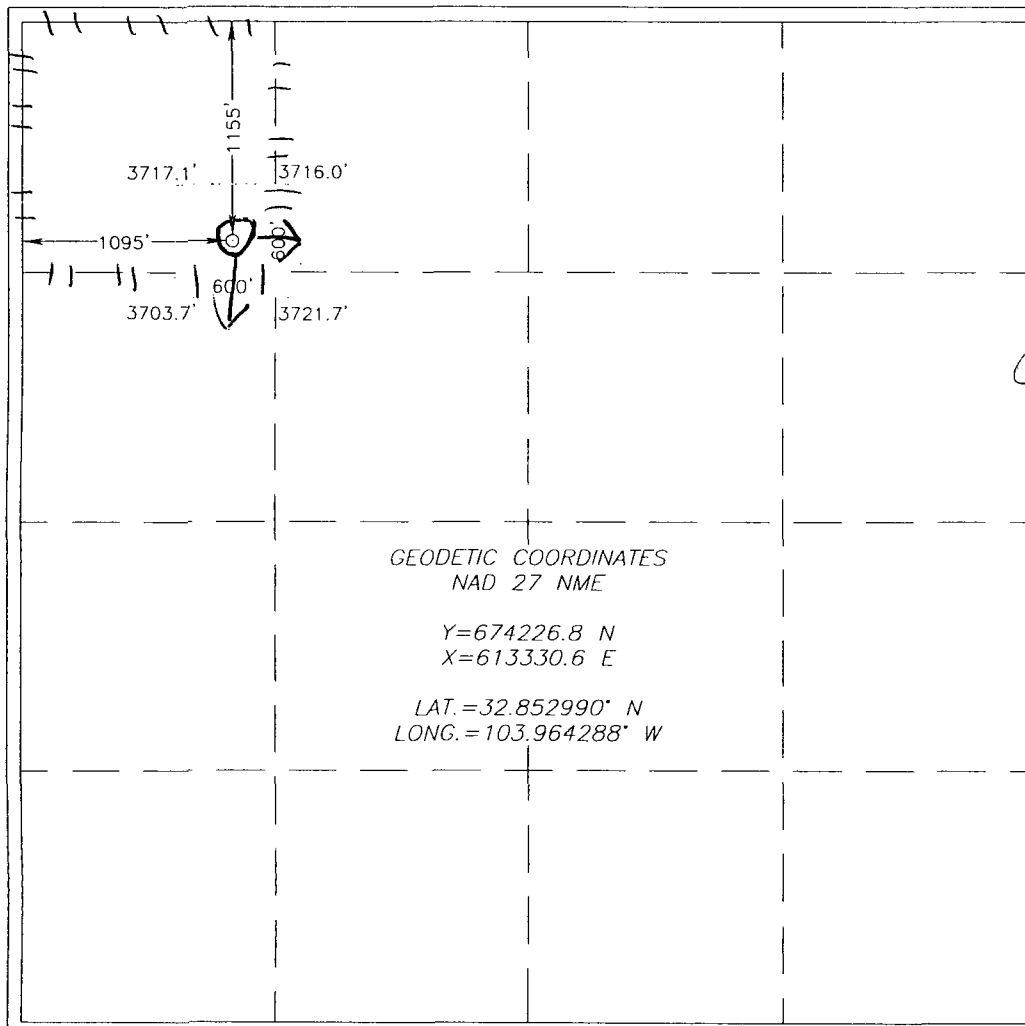
| UL or lot No. | Section | Township | Range | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County |
|---------------|---------|----------|-------|---------|---------------|------------------|---------------|----------------|--------|
| D             | 10      | 17-S     | 30-E  |         | 1155          | NORTH            | 1095          | WEST           | 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



OPERATOR CERTIFICATION

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.

*Robyn Odom* 7/15/2009  
Signature Date

Robyn Odom  
Printed Name

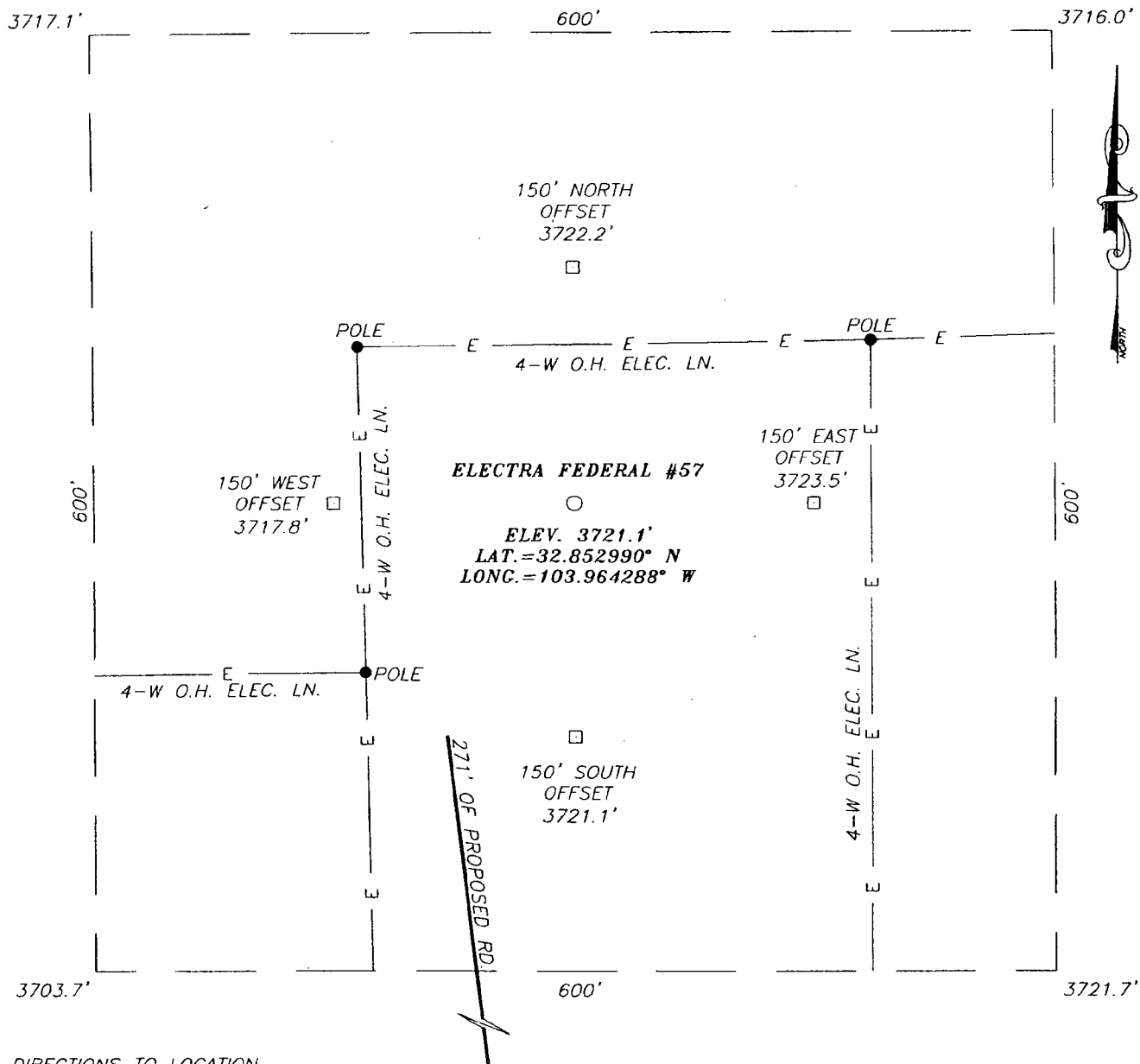
SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

*Ronald J. Eidson* 7/14/09  
Date Surveyed Signature & Seal of Professional Surveyor  
RONALD J. EIDSON  
NEW MEXICO  
3239  
SURVEYOR  
09-0549

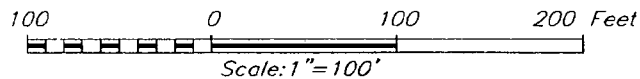
Certificate No. GARY EIDSON 12641  
RONALD J. EIDSON 3239

**SECTION 10, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,**  
 EDDY COUNTY, NEW MEXICO



**DIRECTIONS TO LOCATION**

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #219 (GOAT ROPERS), GO NORTH ON CO. RD. #219 APPROX. 1.9 MILES. TURN RIGHT AND GO EAST APPROX. 0.9 MILES. TURN LEFT AND GO NORTH APPROX. 0.5 MILES. TURN LEFT AND GO WEST APPROX. 0.3 MILES. VEER RIGHT AND GO NORTHEAST APPROX. 0.1 MILE TO THE ELECTRA FEDERAL #13 WELL PAD AND PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY NORTH 271 FEET TO THIS LOCATION.



**COG OPERATING, LLC**

ELECTRA FEDERAL #57 WELL  
 LOCATED 1155 FEET FROM THE NORTH LINE  
 AND 1095 FEET FROM THE WEST LINE OF SECTION 10,  
 TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,  
 EDDY COUNTY, NEW MEXICO.

|                         |                     |
|-------------------------|---------------------|
| Survey Date: 7/09/09    | Sheet 1 of 1 Sheets |
| W.O. Number: 09.11.0540 | Dr By: AR           |
| Date: 7/13/09           | Disk: 09110540      |
|                         | Rev 1: N/A          |
|                         | Scale: 1"=100'      |

PROVIDING SURVEYING SERVICES  
 SINCE 1946  
**JOHN WEST SURVEYING COMPANY**  
 412 N. DAL PASO  
 HOBBS, N.M. 88240  
 (575) 393-3117

## Offset Wells to Electra Federal #57

| API#         | Operator                  | Lease                | Well# | County | Legal              | First Prod. | Last Prod. | Field Name                          | Reservoir Name      | Total Depth | Well Type | Well Status |
|--------------|---------------------------|----------------------|-------|--------|--------------------|-------------|------------|-------------------------------------|---------------------|-------------|-----------|-------------|
| 30-015-04115 | CBS OPERATING CORPORATION | FEDERAL R            | 001   | EDDY   | S:10, T:17S, R:30E | Jan 1973    | Apr 2009   | SQUARE LAKE                         | GRAYBURG-SAN ANDRES |             | O         | Active      |
| 30-015-04170 | CBS OPERATING CORPORATION | FEDERAL R            | 002   | EDDY   | S:10, T:17S, R:30E | Jan 1958    | Apr 2009   | SQUARE LAKE                         | GRAYBURG-SAN ANDRES | 3,254       | O         | Active      |
| 30-015-04171 | CBS OPERATING CORPORATION | FEDERAL R            | 003   | EDDY   | S:10, T:17S, R:30E | Jan 1958    | Apr 2009   | SQUARE LAKE                         | GRAYBURG-SAN ANDRES | 2,982       | O         | Active      |
| 30-015-10091 | HANSON ENERGY             | GENERAL AMERICAN     | 001   | EDDY   | S:10, T:17S, R:30E | Jan 1967    | Dec 1977   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     | 0           | O         | Pumping     |
| 30-015-10091 | DORAL ENERGY CORP.        | GENERAL AMERICAN     | 001   | EDDY   | S:10, T:17S, R:30E | Jan 1964    | Apr 2009   | GRAYBURG JACKSON                    | SR-Q-G-SA           | 0           | O         | Pumping     |
| 30-015-20479 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 001   | EDDY   | S:10, T:17S, R:30E | Aug 1971    | Oct 2007   | GRAYBURG JACKSON                    | SR-Q-G-SA           |             | O         | Active      |
| 30-015-20479 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 001   | EDDY   | S:10, T:17S, R:30E | Jan 1972    | Dec 1977   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     |             | O         | Active      |
| 30-015-20536 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 002   | EDDY   | S:10, T:17S, R:30E | Dec 1971    | Apr 2009   | GRAYBURG JACKSON                    | SR-Q-G-SA           | 2,917       | O         | Flowing     |
| 30-015-20536 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 002   | EDDY   | S:10, T:17S, R:30E | Jan 1972    | Dec 1974   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     | 2,917       | O         | Flowing     |
| 30-015-20580 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 004   | EDDY   | S:10, T:17S, R:30E | Jan 1979    | Nov 2007   | GRAYBURG JACKSON                    | SR-Q-G-SA           |             | O         | Active      |
| 30-015-20580 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 004   | EDDY   | S:10, T:17S, R:30E | Mar 1972    | Dec 1977   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     |             | O         | Active      |
| 30-015-20597 | SOUTHLAND ROYALTIES INC   | PARKE FEDERAL        | 001   | EDDY   | S:10, T:17S, R:30E | Jan 1979    | Jun 2005   | GRAYBURG JACKSON                    | SR-Q-G-SA           | 3,400       | PO        | Pumping     |
| 30-015-20597 | SOUTHLAND ROYALTIES INC   | PARKE FEDERAL        | 001   | EDDY   | S:10, T:17S, R:30E | Apr 1972    | Dec 1977   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     | 3,400       | PO        | Pumping     |
| 30-015-20602 | SOUTHLAND ROYALTIES INC   | PARKE FEDERAL        | 002   | EDDY   | S:10, T:17S, R:30E |             |            | GRAYBURG JACKSON                    | SR-Q-G-SA           | 3,399       | I         | Pumping     |
| 30-015-20602 | SOUTHLAND ROYALTIES INC   | PARKE FEDERAL        | 002   | EDDY   | S:10, T:17S, R:30E | Apr 1972    | Dec 1974   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     | 3,399       | I         | Pumping     |
| 30-015-20610 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 005   | EDDY   | S:10, T:17S, R:30E | May 1972    | Dec 1974   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     | 2,893       | PI        | Flowing     |
| 30-015-20610 | CBS OPERATING CORPORATION | LOCO HILLS A FEDERAL | 005   | EDDY   | S:10, T:17S, R:30E | Jan 2001    | Feb 2005   | GRAYBURG JACKSON                    | SR-Q-G-SA           | 2,893       | PI        | Flowing     |
| 30-015-20612 | SOUTHLAND ROYALTIES INC   | PARKE FEDERAL        | 003   | EDDY   | S:10, T:17S, R:30E | Jun 1972    | Dec 1977   | GRAYBURG JKSN SR-Q-G-SA(DO NOT USE) |                     | 3,400       | PO        | Pumping     |

|              |                           |                          |     |      |                    |          |          |                           |                     |       |    |                |
|--------------|---------------------------|--------------------------|-----|------|--------------------|----------|----------|---------------------------|---------------------|-------|----|----------------|
| 30-015-20612 | SOUTHLAND ROYALTIES INC   | PARKE FEDERAL            | 003 | EDDY | S:10, T:17S, R:30E | Jan 1979 | Apr 2004 | GRAYBURG JACKSON          | SR-Q-G-SA           | 3,400 | PO | Pumping        |
| 30-015-20619 | CBS OPERATING CORPORATION | FEDERAL R                | 004 | EDDY | S:10, T:17S, R:30E | Jan 1973 | Apr 2009 | SQUARE LAKE               | GRAYBURG-SAN ANDRES | 2,970 | G  | Flowing        |
| 30-015-20620 | CBS OPERATING CORPORATION | FEDERAL R                | 005 | EDDY | S:10, T:17S, R:30E | Jan 1973 | Nov 2008 | SQUARE LAKE               | GRAYBURG-SAN ANDRES | 2,950 | O  | Active         |
| 30-015-20695 | CBS OPERATING CORPORATION | FEDERAL R                | 007 | EDDY | S:10, T:17S, R:30E | Dec 2001 | Apr 2009 | SQUARE LAKE               | GRAYBURG-SAN ANDRES | 3,160 | I  | Injection Well |
| 30-015-20696 | CBS OPERATING CORPORATION | FEDERAL R                | 008 | EDDY | S:10, T:17S, R:30E | Nov 1976 | Apr 2009 | SQUARE LAKE               | GRAYBURG-SAN ANDRES | 3,200 | G  | Flowing        |
| 30-015-22018 | CBS OPERATING CORPORATION | FEDERAL R                | 006 | EDDY | S:10, T:17S, R:30E | Mar 1977 | Apr 2009 | SQUARE LAKE               | GRAYBURG-SAN ANDRES | 3,195 | O  | Active         |
| 30-015-04170 | WOLLEY, A. S.             | PARKE H                  | 002 | EDDY | S:10, T:17S, R:30E | Feb 1956 | Dec 1958 | SQUARE LAKE               | CANYON              | 3,254 | O  | Active         |
| 30-015-04171 | WOOLLEY, A. S.            | PARKE H                  | 003 | EDDY | S:10, T:17S, R:30E | Mar 1957 | Dec 1958 | SQUARE LAKE               | CANYON              | 2,982 | O  | Active         |
| 30-015-10091 | INMAN CURTIS R            | GENERAL AMERICAN FEDERAL | 001 | EDDY | S:10, T:17S, R:30E | Nov 1963 | Dec 1963 | EDDY UNDE                 |                     | 0     | O  | Pumping        |
| 30-015-34845 | COG OPERATING LLC         | ELECTRA FEDERAL          | 10  | EDDY | S:10, T:17S, R:30E | Jan 2007 | Apr 2009 | LOCO HILLS                | PADDOCK             | 6,000 | O  | Active Permit  |
| 30-015-34721 | COG OPERATING LLC         | ELECTRA FEDERAL          | 9   | EDDY | S:10, T:17S, R:30E | Jan 2007 | Apr 2009 | LOCO HILLS                | PADDOCK             | 6,070 | O  | Active Permit  |
| 30-015-34721 | COG OPERATING LLC         | ELECTRA FEDERAL          | 9   | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS GLORIETA YESO  |                     | 6,070 | O  | Active Permit  |
| 30-015-35427 | COG OPERATING LLC         | ELECTRA FEDERAL          | 11  | EDDY | S:10, T:17S, R:30E | Jul 2007 | Apr 2009 | LOCO HILLS                | PADDOCK             | 6,110 | O  | Active Permit  |
| 30-015-35428 | COG OPERATING LLC         | ELECTRA FEDERAL          | 012 | EDDY | S:10, T:17S, R:30E | Sep 2007 | Apr 2009 | LOCO HILLS                | PADDOCK             | 6,000 | PO | Active Permit  |
| 30-015-35429 | COG OPERATING LLC         | ELECTRA FEDERAL          | 14  | EDDY | S:10, T:17S, R:30E | May 2008 | Apr 2009 | LOCO HILLS                | PADDOCK             | 6,047 | O  | Active Permit  |
| 30-015-35430 | COG OPERATING LLC         | ELECTRA FEDERAL          | 15  | EDDY | S:10, T:17S, R:30E | Oct 2007 | Apr 2009 | LOCO HILLS                | PADDOCK             | 5,925 | O  | Active Permit  |
| 30-015-35431 | COG OPERATING LLC         | ELECTRA FEDERAL          | 16  | EDDY | S:10, T:17S, R:30E | Nov 2007 | Apr 2009 | LOCO HILLS                | PADDOCK             | 6,000 | O  | Active Permit  |
| 30-015-34845 | COG OPERATING COMPANY LLC | ELECTRA FEDERAL          | 10  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORIETA YESO |                     | 6,000 | O  | Active Permit  |
| 30-015-37473 | COG OPERATING LLC         | ELECTRA FEDERAL          | 13  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS                | PADDOCK             | 6,016 | O  | Active         |

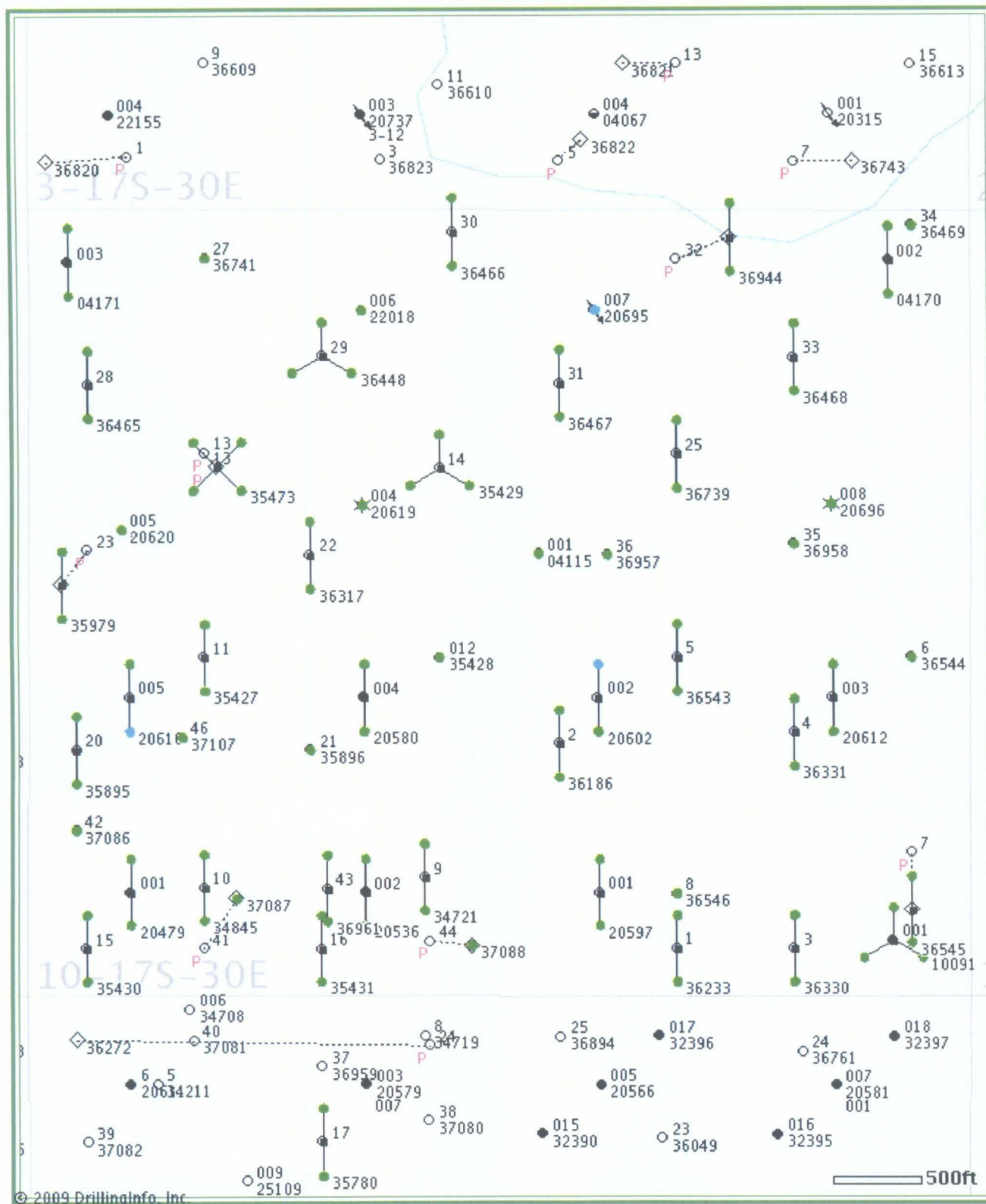
| 30-015-35780 | LLC                            | FEDERAL         | 17  | EDDY | R:30E              | Jan 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 6,106 | O  | Active Permit |
|--------------|--------------------------------|-----------------|-----|------|--------------------|----------|----------|--------------------------------|-----------------|-------|----|---------------|
| 30-015-35781 | COG OPERATING LLC              | ELECTRA FEDERAL | 19  | EDDY | S:10, T:17S, R:30E | Jan 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 6,100 | O  | Active Permit |
| 30-015-35430 | COG OPERATING LLC              | ELECTRA FEDERAL | 15  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS GLORIETA YESO       |                 | 5,925 | O  | Active Permit |
| 30-015-35895 | COG OPERATING LLC              | ELECTRA FEDERAL | 20  | EDDY | S:10, T:17S, R:30E | Aug 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 5,986 | O  | Active Permit |
| 30-015-35896 | COG OPERATING LLC              | ELECTRA FEDERAL | 21  | EDDY | S:10, T:17S, R:30E | Aug 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 5,950 | PO | Active Permit |
| 30-015-35427 | COG OPERATING COMPANY LLC      | ELECTRA FEDERAL | 11  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORETA-YESO (GAS) | GAS             | 6,110 | O  | Active Permit |
| 30-015-35979 | COG OPERATING LLC              | ELECTRA FEDERAL | 23  | EDDY | S:10, T:17S, R:30E | Sep 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 5,972 | O  | Active Permit |
| 30-015-35431 | COG OPERATING LLC              | ELECTRA FEDERAL | 16  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORETA-YESO (GAS) | GAS             | 6,000 | O  | Active Permit |
| 30-015-35780 | COG OPERATING LLC              | ELECTRA FEDERAL | 17  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORETA-YESO (GAS) | GAS             | 6,106 | O  | Active Permit |
| 30-015-35781 | COG OPERATING LLC              | ELECTRA FEDERAL | 19  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORETA-YESO       |                 | 6,100 | O  | Active Permit |
| 30-015-36186 | CIMAREX ENERGY CO. OF COLORADO | HYDRUS 10       | 2   | EDDY | S:10, T:17S, R:30E | Apr 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 6,000 | O  | Active Permit |
| 30-015-36233 | CIMAREX ENERGY CO. OF COLORADO | HYDRUS 10       | 1   | EDDY | S:10, T:17S, R:30E | Nov 2008 | Apr 2009 | LOCO HILLS                     | PADDOCK         | 5,980 | O  | Active Permit |
| 30-015-35429 | COG OPERATING LLC              | ELECTRA FEDERAL | 14  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORETA-YESO       |                 | 6,047 | O  | Active Permit |
| 30-015-37473 | COG OPERATING LLC              | ELECTRA FEDERAL | 13  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS; GLORETA-YESO       |                 | 6,016 | O  | Active        |
| 30-015-36317 | COG OPERATING LLC              | ELECTRA FEDERAL | 22  | EDDY | S:10, T:17S, R:30E | Dec 2008 | Apr 2009 | LOCO HILLS (PADDOCK)           | PADDOCK         | 6,027 | O  | Active Permit |
| 30-015-36331 | CIMAREX ENERGY CO. OF COLORADO | HYDRUS 10       | 4   | EDDY | S:10, T:17S, R:30E | Jul 2008 | Apr 2009 | LOCO HILLS (PADDOCK)           | PADDOCK         | 6,000 | O  | Active Permit |
| 30-015-36330 | CIMAREX ENERGY CO. OF COLORADO | HYDRUS 10       | 3   | EDDY | S:10, T:17S, R:30E | Sep 2008 | Apr 2009 | LOCO HILLS (PADDOCK)           | PADDOCK         | 6,005 | O  | Active Permit |
| 30-015-36448 | COG OPERATING LLC              | ELECTRA FEDERAL | 29  | EDDY | S:10, T:17S, R:30E | Nov 2008 | Apr 2009 | LOCO HILLS (PADDOCK)           | PADDOCK         | 6,037 | O  | Active Permit |
| 30-015-35429 | COG OPERATING LLC              | ELECTRA FEDERAL | 14  | EDDY | S:10, T:17S, R:30E |          |          | LOCO HILLS                     | QU-GB-SA, SOUTH | 6,047 | O  | Active Permit |
| 30-015-36471 | COG OPERATING LLC              | SKELLY UNIT     | 991 | EDDY | S:10, T:17S, R:30E | Oct 2008 | Apr 2009 | FREN (PADDOCK)                 | PADDOCK         | 6,521 | O  | Active Permit |

|              |                                      |                         |    |      |                          |          |          |                           |         |       |    |               |
|--------------|--------------------------------------|-------------------------|----|------|--------------------------|----------|----------|---------------------------|---------|-------|----|---------------|
| 30-015-36469 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 34 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS (PADDOCK)      | PADDOCK | 6,000 | PO | Active Permit |
| 30-015-36468 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 33 | EDDY | S:10,<br>T:17S,<br>R:30E | Oct 2008 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,011 | O  | Active Permit |
| 30-015-36467 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 31 | EDDY | S:10,<br>T:17S,<br>R:30E | Feb 2009 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,029 | O  | Active Permit |
| 30-015-36466 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 30 | EDDY | S:10,<br>T:17S,<br>R:30E | Apr 2009 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,007 | O  | Active Permit |
| 30-015-36465 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 28 | EDDY | S:10,<br>T:17S,<br>R:30E | Jan 2009 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,034 | O  | Active Permit |
| 30-015-35473 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 13 | EDDY | S:10,<br>T:17S,<br>R:30E | Jun 2008 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,016 | O  | Active Permit |
| 30-015-36543 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 5  | EDDY | S:10,<br>T:17S,<br>R:30E | Mar 2009 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,000 | O  | Active Permit |
| 30-015-36544 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 6  | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS (PADDOCK)      | PADDOCK | 6,000 | PO | Active Permit |
| 30-015-36545 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 7  | EDDY | S:10,<br>T:17S,<br>R:30E | Mar 2009 | Apr 2009 | LOCO HILLS (PADDOCK)      | PADDOCK | 6,000 | O  | Active Permit |
| 30-015-36546 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 8  | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS (PADDOCK)      | PADDOCK | 6,000 | PO | Active Permit |
| 30-015-35473 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 13 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 6,016 | O  | Active Permit |
| 30-015-36186 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 2  | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 6,000 | O  | Active Permit |
| 30-015-35895 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 20 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 5,986 | O  | Active Permit |
| 30-015-35979 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 23 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 5,972 | O  | Active Permit |
| 30-015-36739 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 25 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS (PADDOCK)      | PADDOCK | 6,010 | O  | Active Permit |
| 30-015-36741 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 27 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS (PADDOCK)      | PADDOCK | 6,000 | PO | Active Permit |
| 30-015-36330 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 3  | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 6,005 | O  | Active Permit |
| 30-015-36468 | COG<br>OPERATING<br>LLC              | ELECTRA<br>FEDERAL      | 33 | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 6,011 | O  | Active Permit |
| 30-015-36233 | CIMAREX<br>ENERGY CO.<br>OF COLORADO | HYDRUS<br>10<br>FEDERAL | 1  | EDDY | S:10,<br>T:17S,<br>R:30E |          |          | LOCO HILLS; GLORIETA-YESO |         | 5,980 | O  | Active Permit |
|              | CIMAREX<br>ENERGY CO.                | HYDRUS<br>10            |    |      | S:10,<br>T:17S,          |          |          |                           |         |       |    |               |

| 30-015-36331 | OF COLORADO<br>COG<br>OPERATING<br>LLC | FEDERAL                 | 4   | EDDY | R30E<br>S10,<br>T:17S,<br>R30E |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,000 | O  | Active Permit |
|--------------|----------------------------------------|-------------------------|-----|------|--------------------------------|--|--|---------------------------|-----------------|-------|----|---------------|
| 30-015-36448 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 29  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS                | QU-GB-SA, SOUTH | 6,037 | O  | Active Permit |
| 30-015-36471 | COG<br>OPERATING<br>LLC                | SKELLY<br>UNIT          | 991 | EDDY | S10,<br>T:17S,<br>R30E         |  |  | FREN                      | PENN (GAS)      | 6,521 | O  | Active Permit |
| 30-015-36471 | COG<br>OPERATING<br>LLC                | SKELLY<br>UNIT          | 991 | EDDY | S10,<br>T:17S,<br>R30E         |  |  | FREN; GLORIETA-YESO       |                 | 6,521 | O  | Active Permit |
| 30-015-36448 | COG<br>OPERATING<br>LLC                | ELECTRA                 | 29  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,037 | O  | Active Permit |
| 30-015-36317 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FED          | 22  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS                | QU-GB-SA, SOUTH | 6,027 | O  | Active Permit |
| 30-015-36465 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 28  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS                | QU-GB-SA, SOUTH | 6,034 | O  | Active Permit |
| 30-015-36467 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 31  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,029 | O  | Active Permit |
| 30-015-36543 | CIMAREX<br>ENERGY CO.<br>OF COLORADO   | HYDRUS<br>10<br>FEDERAL | 5   | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,000 | O  | Active Permit |
| 30-015-36944 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 32  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,004 | O  | Active Permit |
| 30-015-36961 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 43  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,003 | O  | Active Permit |
| 30-015-36958 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 35  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,000 | PO | Active Permit |
| 30-015-36957 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 36  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,000 | PO | Active Permit |
| 30-015-36545 | CIMAREX<br>ENERGY CO.<br>OF COLORADO   | HYDRUS<br>10<br>FEDERAL | 7   | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,000 | O  | Active Permit |
| 30-015-36466 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 30  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,007 | O  | Active Permit |
| 30-015-37088 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 44  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,106 | PO | Active Permit |
| 30-015-37087 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 41  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,020 | PO | Active Permit |
| 30-015-37086 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 42  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS (PADDOCK)      | PADDOCK         | 6,000 | PO | Active Permit |
| 30-015-36944 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 32  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS                | QU-GB-SA, SOUTH | 6,004 | O  | Active Permit |
| 30-015-36739 | COG<br>OPERATING<br>LLC                | ELECTRA<br>FEDERAL      | 25  | EDDY | S10,<br>T:17S,<br>R30E         |  |  | LOCO HILLS; GLORIETA-YESO |                 | 6,010 | O  | Active Permit |

|              |                         |                    |    |      |                          |  |  |                      |                 |       |    |               |
|--------------|-------------------------|--------------------|----|------|--------------------------|--|--|----------------------|-----------------|-------|----|---------------|
| 30-015-36961 | COG<br>OPERATING<br>LLC | ELECTRA<br>FEDERAL | 43 | EDDY | S:10,<br>T:17S,<br>R:30E |  |  | LOCO HILLS           | QU-GB-SA, SOUTH | 6,003 | O  | Active Permit |
| 30-015-37107 | COG<br>OPERATING<br>LLC | ELECTRA<br>FEDERAL | 46 | EDDY | S:10,<br>T:17S,<br>R:30E |  |  | LOCO HILLS (PADDOCK) | PADDOCK         | 6,000 | PO | Active Permit |

## Offset Wells to Electra Federal #57



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