

|          |          |             |                    |          |                    |
|----------|----------|-------------|--------------------|----------|--------------------|
| 12-22-11 | SUSPENSE | ENGINEER DB | LOGGED IN 12.23.11 | TYPE NSL | APP NO. 1135737915 |
|----------|----------|-------------|--------------------|----------|--------------------|

ABOVE THIS LINE FOR DIVISION USE ONLY

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



COG  
 State 5-19#36

**ADMINISTRATIVE APPLICATION CHECKLIST**

30-015-39775

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]

6533

[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 \_\_\_\_\_

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RECEIVED OGD

State eddy

19-175-295

[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

12-21-11  
 Date

(432) 685-4384  
 Phone Number

kholly@concho.com  
 E-mail Address

**State S-19 #36  
Eddy County, NM**

COG proposes to drill a SW/4 of SW/4, 40 acre spacing  
Empire; Glorieta-Yeso Oil Well  
TD of approximately 5550'

**Non-Standard Location:**

1123' FSL & 676' FWL      Sec 19, T17S, R29E, Lot 4

**This well had to be drilled at a non-standard location due to  
electrical lines, water pipelines and a lease road.**

This well is to be completed in the Empire; Glorieta-Yeso (96210) formation. We won't know the exact perms until we drill & log it, but it will be very similar to the Folk Federal #4 which was completed in October 2007 and is located 2310' FNL & 2110' FWL, Unit F in Sec 17, T17S, R29E.

Folk Federal #4 has Yeso open perms from: 4300' – 5160' overall, but broken up into 3 separate intervals, with 3 separate fracs:

1<sup>st</sup> interval: 4960' – 5160'  
acidized w/ 5000 gals,  
frac w/ 69,248 gals gel, & 61,172# 16/30 sand, & 5676# LiteProp

2<sup>nd</sup> interval: 4510' – 4710'  
acidized w/ 5000 gals,  
frac w/ 68,981 gals gel, & 61,488# 16/30 sand, & 5766# LiteProp

3<sup>rd</sup> interval: 4300' – 4440'  
acidized w/ 5000 gals,  
frac w/ 68,906 16/30 sand, & 4330# LiteProp

**Attachment 1  
Plat & Map**

**Attachment 2  
Map & legend of offset wells.**

**Attachment 3  
Updated land plat showing that COG Operating LLC owns offset acreage.  
The acreage we are encroaching is the NW/4 SW/4 of Section 19.**

All 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 87505  
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico  
Energy, Minerals & Natural Resources Department  
OIL CONSERVATION DIVISION  
1220 South St. Francis Dr.  
Santa Fe, New Mexico 87505

Form C-102  
Revised August 1, 2011  
Submit one copy to appropriate  
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                |                                            |                                           |
|--------------------------------|--------------------------------------------|-------------------------------------------|
| API Number<br><b>30-015</b>    | Pool Code<br><b>96210</b>                  | Pool Name<br><b>Empire; Glorieta-Yeso</b> |
| Property Code<br><b>302569</b> | Property Name<br><b>STATE S-19</b>         | Well Number<br><b>36</b>                  |
| OGRID No.<br><b>229137</b>     | Operator Name<br><b>COG OPERATING, LLC</b> | Elevation<br><b>3659'</b>                 |

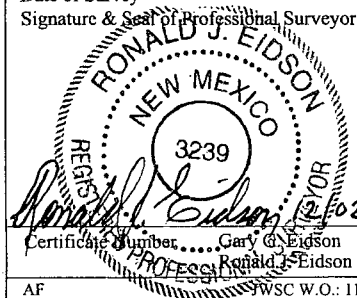
Surface Location

|                           |                      |                         |                      |         |                              |                                  |                             |                               |                       |
|---------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|-----------------------|
| UL or lot No.<br><b>4</b> | Section<br><b>19</b> | Township<br><b>17-S</b> | Range<br><b>29-E</b> | Lot Idn | Feet from the<br><b>1123</b> | North/South line<br><b>SOUTH</b> | Feet from the<br><b>676</b> | East/West line<br><b>WEST</b> | County<br><b>EDDY</b> |
|---------------------------|----------------------|-------------------------|----------------------|---------|------------------------------|----------------------------------|-----------------------------|-------------------------------|-----------------------|

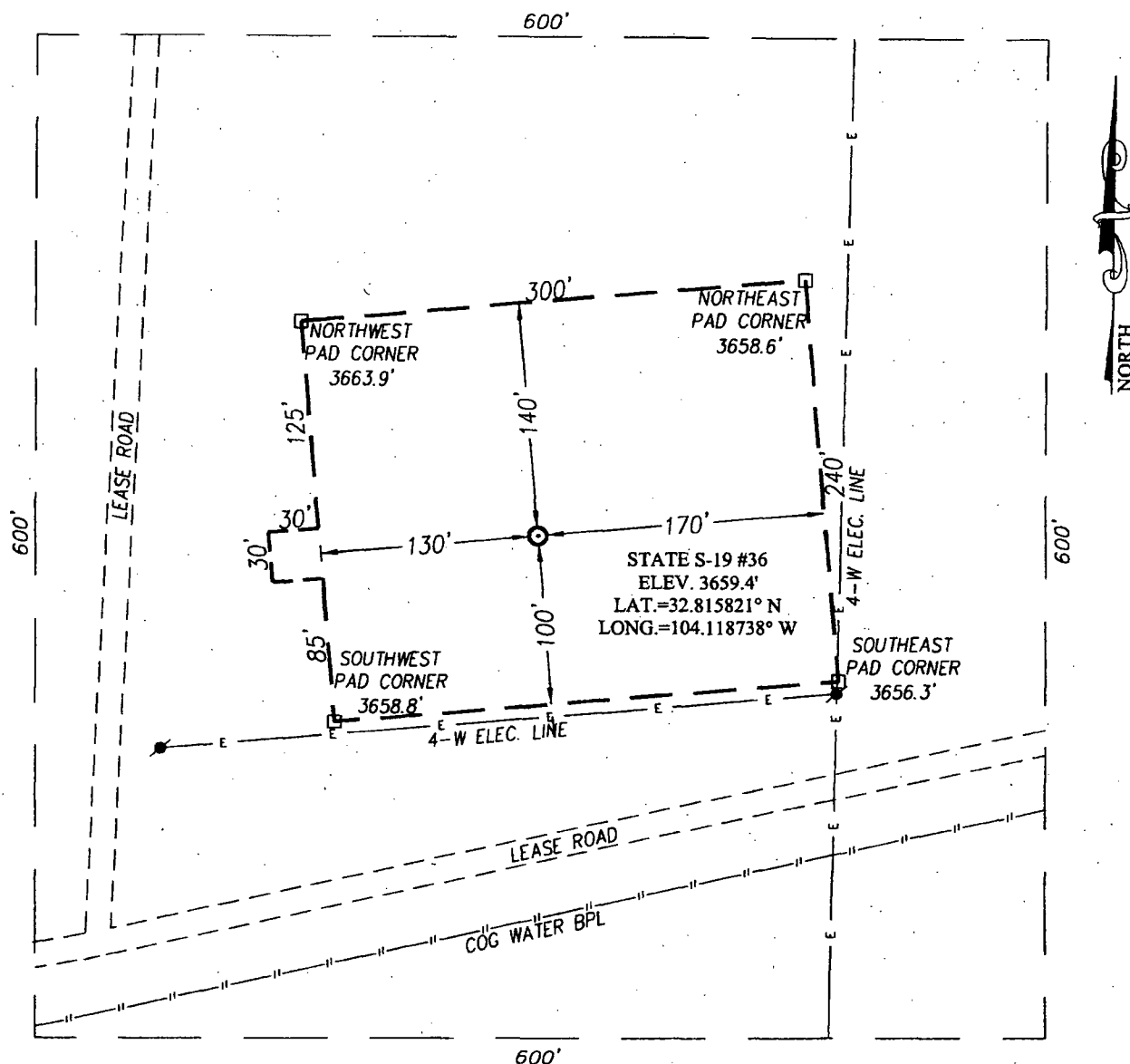
Bottom Hole Location If Different From Surface

|                              |                 |                    |           |         |               |                  |               |                |        |
|------------------------------|-----------------|--------------------|-----------|---------|---------------|------------------|---------------|----------------|--------|
| 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><b>40</b> | 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

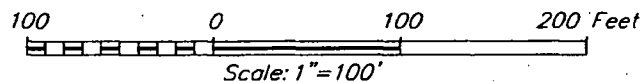
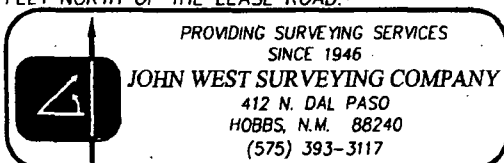
|                                                                                                                                                                                                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>LOT 1</p> <p>27.36 AC.<br/>LOT 2</p> <p>27.28 AC.<br/>LOT 3</p> <p>27.40 AC.<br/>LOT 4</p> <p>27.50 AC.</p> <p>676'</p> <p>1123'</p> <p>GEODETIC COORDINATES<br/>NAD 27 NME<br/>SURFACE LOCATION<br/>Y=660573.5 N<br/>X=565927.7 E<br/>LAT.=32.815821° N<br/>LONG.=104.118738° W</p> | <p><b>OPERATOR CERTIFICATION</b></p> <p>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> 12-21-11<br/>Signature Date<br/>Kelly J. Holly<br/>Printed Name<br/>kholly@concho.com<br/>E-mail Address</p> <p><b>SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>NOVEMBER 16, 2011<br/>Date of Survey</p> <p>Signature &amp; Seal of Professional Surveyor:<br/><br/>Certificate Number... Gary J. Eidson 12641<br/>Ronald J. Eidson 3239<br/>AF WSC W.O.: 11.11.2348</p> |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

SECTION 19, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.  
EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

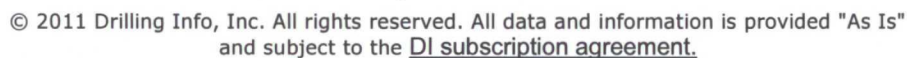
FROM THE INTERSECTION OF U.S. HWY. #82 AND C.R. #211 (OLD LOCO) GO SOUTHWEST ON U.S. HWY. #82 APPROX. 1.0 MILE. TURN RIGHT AND GO NORTH APPROX. 0.3 MILE. VEER RIGHT AND GO NORTHEAST APPROX. 0.3 MILE. TURN LEFT AND GO SOUTHWEST APPROX. 0.2 MILE. THIS LOCATION IS APPROX. 180 FEET NORTH OF THE LEASE ROAD.



**COG OPERATING, LLC**

STATE S-19 #36 WELL  
LOCATED 1123 FEET FROM THE SOUTH LINE  
AND 676 FEET FROM THE WEST LINE OF SECTION 19,  
TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,  
EDDY COUNTY, NEW MEXICO

|                         |                                    |
|-------------------------|------------------------------------|
| Survey Date: 11/16/11   | Sheet 1 of 1 Sheets                |
| W.O. Number: 11.11.2348 | Dr. By: AF Rev 1:                  |
| Date: 12/2/11           | Rel. W.O.: 11112348 Scale: 1"=100' |



## Producing Wells in Sec 19, T17S, R29E

| API#         | Operator                    | Lease             | Well# | County | Legal              | Total Depth | Well Type | Well Status           | First Prod. | Last Prod. | Avg. (BO/D) |
|--------------|-----------------------------|-------------------|-------|--------|--------------------|-------------|-----------|-----------------------|-------------|------------|-------------|
| 30-015-22930 | CLAYTON WILLIAMS ENERGY INC | GREEN B FEDERAL   | 009   | EDDY   | S:19, T:17S, R:29E | 10,870      | I         | Plugged and Abandoned | Jul 1979    | Aug 2000   | 0.00        |
| 30-015-03001 |                             | STATE S 19        | 002   | EDDY   | S:19, T:17S, R:29E | 2,450       | D         | Pumping               | Oct 1957    | Mar 1982   | 0.00        |
| 30-015-22743 |                             | STATE 19 COM      | 001   | EDDY   | S:19, T:17S, R:29E | 10,880      | O         | Active                | Jan 1981    | Sep 1981   | 0.00        |
| 30-015-03002 |                             | STATE S 19        | 001   | EDDY   | S:19, T:17S, R:29E |             | O         | Active                | Sep 1957    | Jul 1966   | 0.32        |
| 30-015-03004 |                             | CONTINENTAL STATE | 002   | EDDY   | S:19, T:17S, R:29E |             | O         | Active                | Dec 1956    | Oct 1958   | 0.32        |
| 30-015-22743 | COG OPERATING LLC           | STATE S-19        | 001   | EDDY   | S:19, T:17S, R:29E | 10,880      | O         | Active                | Oct 1981    | Sep 2011   | 0.57        |
| 30-015-30728 | COG OPERATING LLC           | STATE S-19        | 009   | EDDY   | S:19, T:17S, R:29E | 4,233       | O         | Pumping               | Nov 1999    | Sep 2011   | 0.57        |
| 30-015-30915 | COG OPERATING LLC           | STATE S-19        | 011   | EDDY   | S:19, T:17S, R:29E | 4,221       | O         | Pumping               | Jul 2000    | Sep 2011   | 0.57        |
| 30-015-30916 | COG OPERATING LLC           | STATE S-19        | 013   | EDDY   | S:19, T:17S, R:29E | 4,467       | O         | Pumping               | Jul 2000    | Sep 2011   | 0.57        |
| 30-015-32059 | COG OPERATING LLC           | STATE S-19        | 019   | EDDY   | S:19, T:17S, R:29E | 5,303       | O         | Pumping               | Dec 2001    | Sep 2011   | 0.63        |
| 30-015-03005 | DORAL ENERGY CORP.          | SINCLAIR A STATE  | 001   | EDDY   | S:19, T:17S, R:29E | 0           | O         | Pumping               | Jan 1957    | Oct 2011   | 0.68        |
| 30-015-03005 |                             | SINCLAIR A STATE  | 001   | EDDY   | S:19, T:17S, R:29E | 0           | O         | Pumping               | Jun 1956    | Dec 1993   | 0.81        |
| 30-015-32062 | COG OPERATING LLC           | STATE S-19        | 21    | EDDY   | S:19, T:17S, R:29E | 5,506       | O         | Pumping               | Mar 2002    | Sep 2011   | 0.83        |
| 30-015-31108 | COG OPERATING LLC           | STATE S-19        | 010   | EDDY   | S:19, T:17S, R:29E | 4,440       | O         | Pumping               | Sep 2000    | Sep 2011   | 1.10        |
| 30-015-29965 | COG OPERATING LLC           | STATE S-19        | 007   | EDDY   | S:19, T:17S, R:29E | 4,270       | O         | Pumping               | Mar 1998    | Sep 2011   | 1.17        |
|              |                             |                   |       |        | S:19,              |             |           |                       |             |            |             |

|              |                                |                        |     |      |                          |       |   |               |          |          |      |
|--------------|--------------------------------|------------------------|-----|------|--------------------------|-------|---|---------------|----------|----------|------|
| 30-015-31504 | COG OPERATING LLC              | STATE S-19             | 018 | EDDY | T:17S,<br>R:29E          | 4,255 | O | Pumping       | Feb 2001 | Sep 2011 | 1.63 |
| 30-015-03008 | DORAL ENERGY CORP.             | HUMBLE STATE           | 004 | EDDY | S:19,<br>T:17S,<br>R:29E | 0     | O | Active        | Nov 1956 | Oct 2011 | 1.74 |
| 30-015-31554 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 011 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O | Pumping       | Mar 2001 | Oct 2011 | 2.35 |
| 30-015-34888 | COG OPERATING LLC              | SCHLEY<br>FEDERAL      | 16  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,674 | O | Active Permit | Oct 2006 | Sep 2011 | 2.47 |
| 30-015-24143 | MACK ENERGY CORP               | STATE S-19             | 003 | EDDY | S:19,<br>T:17S,<br>R:29E | 7,300 | O | Pumping       | Aug 1982 | Oct 1985 | 2.74 |
| 30-015-30917 | COG OPERATING LLC              | STATE S-19             | 015 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,402 | O | Pumping       | Mar 2000 | Sep 2011 | 3.30 |
| 30-015-34830 | COG OPERATING LLC              | STATE S-19             | 28  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,480 | O | Active Permit | Aug 2006 | Sep 2011 | 3.30 |
| 30-015-31279 | COG OPERATING LLC              | STATE S-19             | 016 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,465 | O | Pumping       | Nov 2000 | Sep 2011 | 3.83 |
| 30-015-31614 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 010 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O | Pumping       | Apr 2001 | Oct 2011 | 4.35 |
| 30-015-30944 | COG OPERATING LLC              | STATE S-19             | 014 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,411 | O | Pumping       | May 2000 | Sep 2011 | 4.40 |
| 30-015-31503 | COG OPERATING LLC              | STATE S-19             | 017 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,245 | O | Pumping       | May 2001 | Sep 2011 | 4.40 |
| 30-015-32241 | COG OPERATING LLC              | STATE S-19             | 008 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,350 | O | Pumping       | Jul 2002 | Sep 2011 | 4.40 |
| 30-015-31224 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 001 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,805 | O | Pumping       | Sep 2000 | Oct 2011 | 4.81 |
| 30-015-31226 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 005 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,550 | O | Pumping       | Oct 2000 | Oct 2011 | 4.81 |
| 30-015-35241 | COG OPERATING LLC              | STATE S-19             | 30  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,510 | O | Active Permit | Aug 2007 | Sep 2011 | 5.40 |
| 30-015-34825 | COG OPERATING LLC              | STATE S-19             | 23  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,410 | O | Active Permit | Sep 2006 | Sep 2011 | 5.50 |
| 30-015-35261 | COG OPERATING LLC              | STATE S-19             | 29  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,515 | O | Active        | May 2007 | Sep 2011 | 6.03 |
|              |                                |                        |     |      | S:19,                    |       |   |               |          |          |      |

|              |                                |                        |      |      |                          |       |    |               |          |          |       |
|--------------|--------------------------------|------------------------|------|------|--------------------------|-------|----|---------------|----------|----------|-------|
| 30-015-35743 | COG OPERATING LLC              | STATE S-19             | 032  | EDDY | T:17S,<br>R:29E          | 5,421 | O  | Active Permit | Sep 2007 | Sep 2011 | 6.03  |
| 30-015-31225 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 002  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,556 | O  | Pumping       | Oct 2000 | Oct 2011 | 6.39  |
| 30-015-31227 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 006  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,545 | O  | Pumping       | Nov 2000 | Oct 2011 | 6.39  |
| 30-015-31445 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 003  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O  | Pumping       | Feb 2001 | Oct 2011 | 6.39  |
| 30-015-31448 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 007  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O  | Pumping       | Feb 2001 | Oct 2011 | 6.39  |
| 30-015-31633 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 013  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O  | Pumping       | Apr 2001 | Oct 2011 | 6.39  |
| 30-015-33503 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 015M | EDDY | S:19,<br>T:17S,<br>R:29E | 4,227 | O  | Active        | Nov 2004 | Oct 2011 | 6.39  |
| 30-015-33516 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 14   | EDDY | S:19,<br>T:17S,<br>R:29E | 4,177 | O  | Active        | Jan 2005 | Oct 2011 | 6.39  |
| 30-015-33502 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 004  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,200 | O  | Active        | Nov 2004 | Oct 2011 | 6.39  |
| 30-015-30729 | COG OPERATING LLC              | STATE S-19             | 012  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,225 | O  | Pumping       | Dec 1999 | Sep 2011 | 7.13  |
| 30-015-31555 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 012  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O  | Pumping       | Mar 2001 | Oct 2011 | 8.00  |
| 30-015-35242 | COG OPERATING LLC              | STATE S-19             | 31   | EDDY | S:19,<br>T:17S,<br>R:29E | 5,500 | PO | Active Permit | May 2007 | Sep 2011 | 8.23  |
| 30-015-35922 | COG OPERATING LLC              | STATE S-19             | 33   | EDDY | S:19,<br>T:17S,<br>R:29E | 5,419 | O  | Active Permit | Jan 2008 | Sep 2011 | 9.33  |
| 30-015-34828 | COG OPERATING LLC              | STATE S-19             | 26   | EDDY | S:19,<br>T:17S,<br>R:29E | 5,435 | O  | Active Permit | Sep 2006 | Sep 2011 | 10.43 |
| 30-015-32502 | COG OPERATING LLC              | STATE S-19             | 6    | EDDY | S:19,<br>T:17S,<br>R:29E | 5,435 | O  | Active        | Jan 2003 | Sep 2011 | 11.17 |
| 30-015-31539 | CLAYTON WILLIAMS<br>ENERGY INC | PHILLIPS 19<br>FEDERAL | 009  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,500 | O  | Pumping       | Feb 2001 | Oct 2011 | 11.19 |
| 30-015-34829 | COG OPERATING LLC              | STATE S-19             | 27   | EDDY | S:19,<br>T:17S,<br>R:29E | 5,460 | O  | Active Permit | Dec 2006 | Sep 2011 | 11.53 |
|              |                                |                        |      |      | S:19,                    |       |    |               |          |          |       |



|              |                                   |                        |     |      |                          |        |    |               |          |          |       |
|--------------|-----------------------------------|------------------------|-----|------|--------------------------|--------|----|---------------|----------|----------|-------|
| 30-015-32060 | COG OPERATING LLC                 | STATE S-19             | 20  | EDDY | T:17S,<br>R:29E          | 4,216  | O  | Pumping       | Feb 2002 | Sep 2011 | 13.73 |
| 30-015-34827 | COG OPERATING LLC                 | STATE S-19             | 25  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,460  | O  | Active Permit | Jul 2006 | Sep 2011 | 13.73 |
| 30-015-32226 | COG OPERATING LLC                 | STATE S-19             | 22  | EDDY | S:19,<br>T:17S,<br>R:29E | 4,430  | O  | Pumping       | Jun 2002 | Sep 2011 | 22.53 |
| 30-015-31224 | CLAYTON WILLIAMS<br>ENERGY INC    | PHILLIPS 19<br>FEDERAL | 001 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,805  | O  | Pumping       | Sep 2000 | Sep 2000 | 27.53 |
| 30-015-34826 | COG OPERATING LLC                 | STATE S-19             | 24  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,475  | O  | Active Permit | Oct 2006 | Jan 2007 | 32.29 |
| 30-015-34825 | COG OPERATING LLC                 | STATE S-19             | 23  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,410  | O  | Active Permit | Sep 2006 | Dec 2006 | 33.61 |
| 30-015-34827 | COG OPERATING LLC                 | STATE S-19             | 25  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,460  | O  | Active Permit | Jul 2006 | Nov 2006 | 34.10 |
| 30-015-31225 | CLAYTON WILLIAMS<br>ENERGY INC    | PHILLIPS 19<br>FEDERAL | 002 | EDDY | S:19,<br>T:17S,<br>R:29E | 4,556  | O  | Pumping       | Oct 2000 | Oct 2000 | 44.48 |
| 30-015-34829 | COG OPERATING LLC                 | STATE S-19             | 27  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,460  | O  | Active Permit | Dec 2006 | Dec 2006 | 60.52 |
| 30-015-37869 | COG OPERATING LLC                 | STATE S-19             | 34  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,584  | O  | Active        | Jun 2011 | Sep 2011 | 76.37 |
| 30-015-34830 | COG OPERATING LLC                 | STATE S-19             | 28  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,480  | O  | Active Permit | Aug 2006 | Nov 2006 | 82.03 |
| 30-015-03007 | DORAL ENERGY CORP.                | HUMBLE STATE           | 003 | EDDY | S:19,<br>T:17S,<br>R:29E | 0      | O  | Active        | Aug 1956 | Oct 2010 |       |
| 30-015-24273 | COG OPERATING LLC                 | STATE S-19             | 004 | EDDY | S:19,<br>T:17S,<br>R:29E | 7,350  | O  | Active        | Feb 1983 | Sep 2011 |       |
| 30-015-25643 | TRITEX RESOURCES,<br>L.L.C.       | GREEN FEDERAL          | 001 | EDDY | S:19,<br>T:17S,<br>R:29E | 0      | PO | Pumping       | Aug 1987 | Jan 2011 |       |
| 30-015-34120 | CIMAREX ENERGY CO.<br>OF COLORADO | CP STATE COM           | 001 | EDDY | S:19,<br>T:17S,<br>R:29E | 10,971 | G  | Active Permit | Jan 2006 | Jun 2008 |       |
| 30-015-34826 | COG OPERATING LLC                 | STATE S-19             | 24  | EDDY | S:19,<br>T:17S,<br>R:29E | 5,475  | O  | Active Permit | Oct 2006 | Sep 2011 |       |



