

DATE IN <u>4/29/10</u>	SUSPENSE	ENGINEER <u>RB</u>	LOGGED IN <u>4-29-10</u>	TYPE <u>NSL</u>	APP NO. <u>1011948182</u>
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

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



COG
6205
Mivanda Fed 4/9

ADMINISTRATIVE APPLICATION CHECKLIST

30-85-

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]**

Eddy

[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.

ROBYN M. ODOM
Print or Type Name

Robyn Odom
Signature

REGULATORY ANALYST
Title

4/28/10
Date

(432) 685-4385
Phone Number

rodom@conchoresources.com
E-mail Address

Miranda Federal #19

Eddy County, NM

COG proposes to drill a Vertical, North ½, 40 acre spacing
Loco Hills; Glorieta-Yeso oil well
TD of approximately 6000'

Non-Standard Location:

150' FNL & 1675' FWL Sec 9, T17S, R30E, Unit C

This well had to be drilled at a non-standard location due to sand dunes.

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

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

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

3rd 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 COG Operating LLC acreage.

The acreage we are encroaching on is the SE/4 SW/4 and the SW/4 SW/4 of
Section 4.

Proof of notification to offset operator is attached.

Interests are the same.

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

District I
1625 N. French Dr., Hobbs, NM 88240

District II
1301 W. Grand Avenue, Artesia, NM 88210

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

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

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

Form C-102
Revised October 15, 2009
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

1 API Number 30-015-	2 Pool Code 96718	3 Pool Name LOCO HILLS;GLORIETA-YESO
4 Property Code 37868	5 Property Name MIRANDA FEDERAL	6 Well Number 19
7 OGRID No. 229137	8 Operator Name COG OPERATING LLC	9 Elevation 3699.2

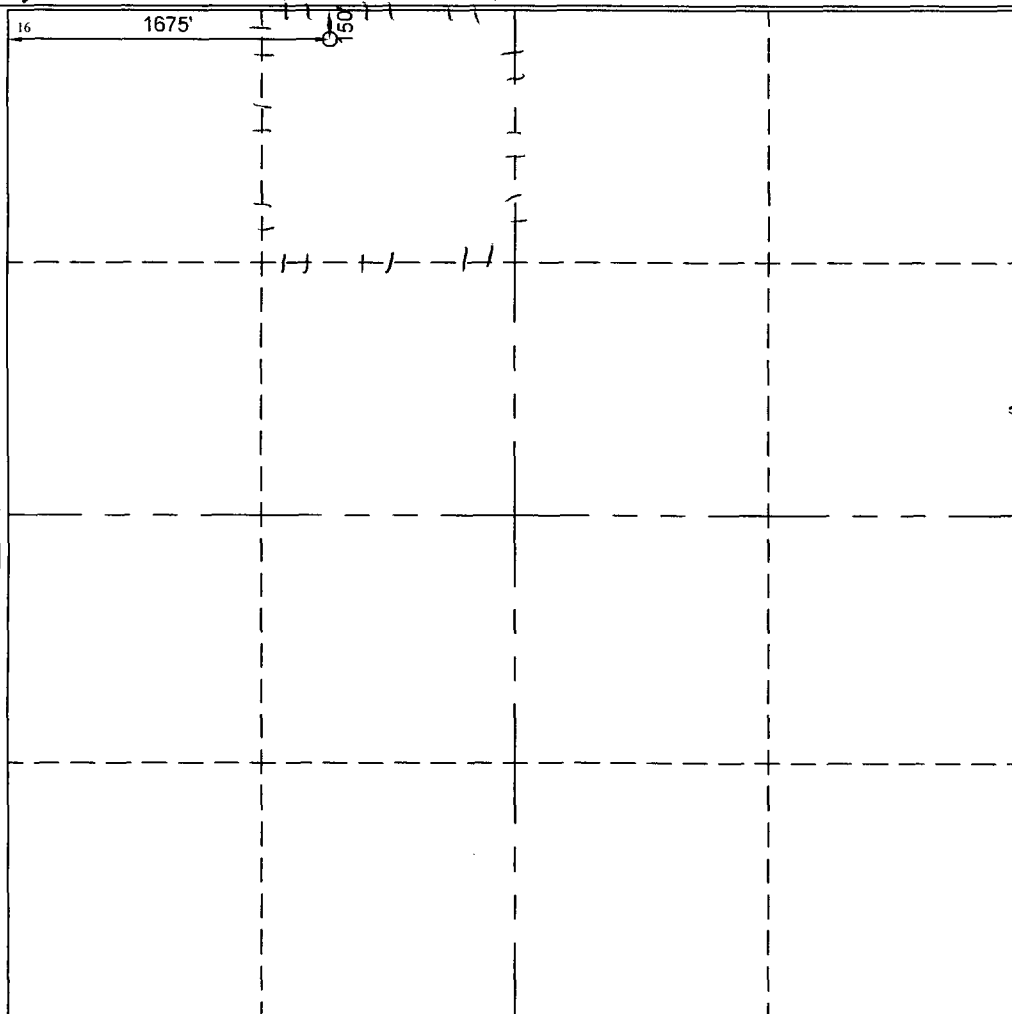
10 Surface Location

UL or lot C	Section 9	Township 17 S	Range 30 E	Lot Idn	Feet from the 150	North/South line NORTH	Feet from the 1675	East/West line WEST	County EDDY
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11 Bottom Hole Location If Different From Surface

UL or lot	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
12 Dedicated Acres 40	13 Joint or Infill	14 Consolidation Code	15 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.



17 OPERATOR CERTIFICATION

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 enter by the division.

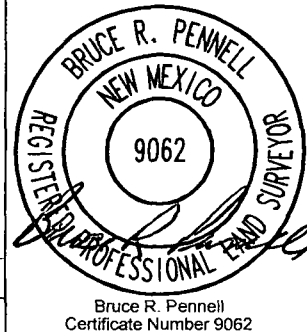
Robyn Odom 4/16/2010
Signature Date

Robyn Odom
Printed Name

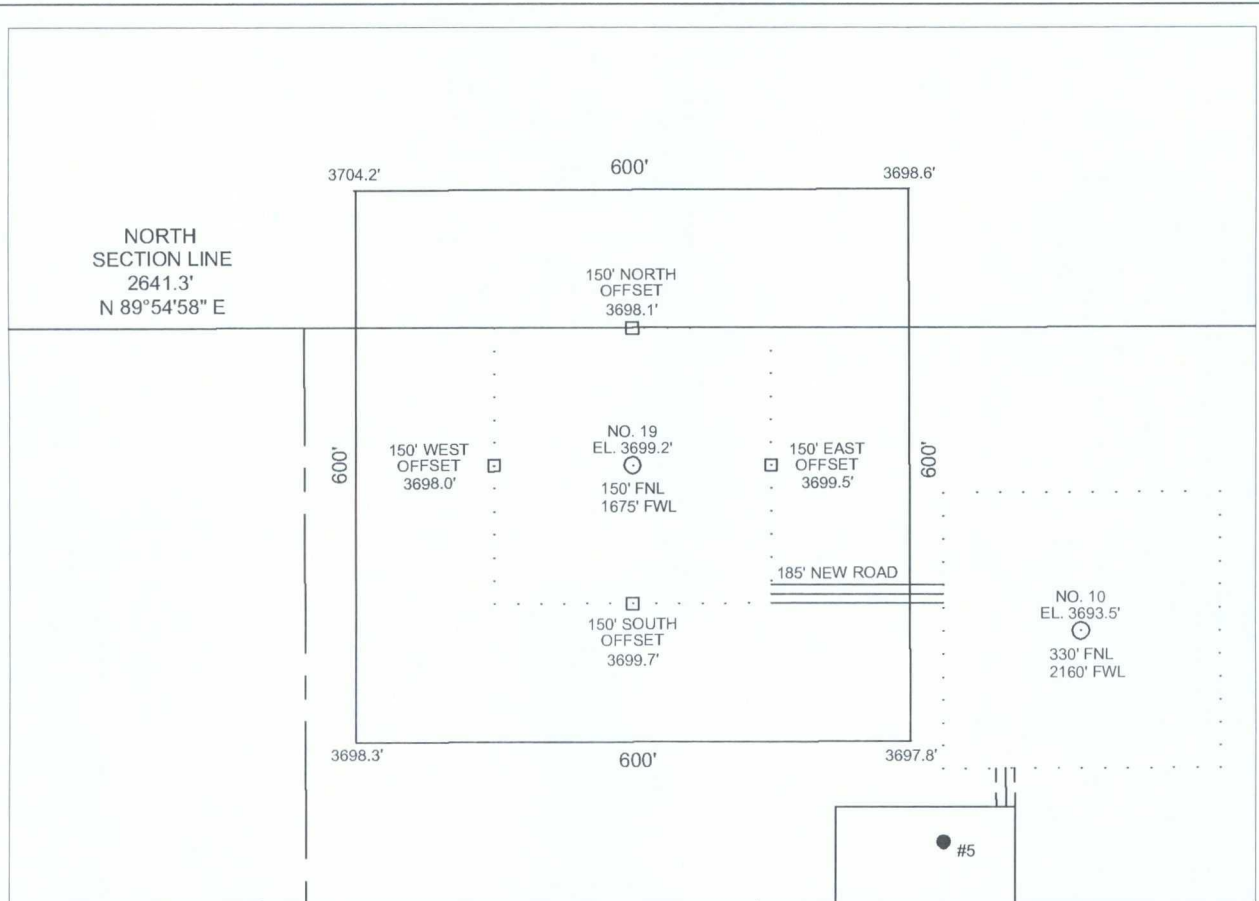
18 SURVEYOR CERTIFICATION

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.

03/10/2010
Date of Survey
Signature and Seal of Professional Surveyor



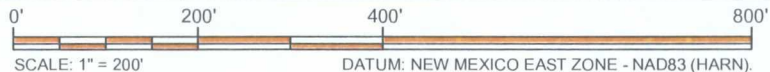
NAD27 GEOGRAPHIC COORDINATES	NAD27 SPC - NM EAST
LAT: 32.85578	LON: -103.97960
X = 608626.4	Y = 675225.4



NAD27 GEOGRAPHIC COORDINATES		NAD83 GEOGRAPHIC COORDINATES	
LAT: 32.85578	LON: -103.97960	LAT: 32°51'21.220" N.	LON: 103°58'48.375" W.



NORTH
DIRECTIONS TO LOCATION



1. FROM THE INTERSECTION OF U.S. HIGHWAY 82 AND CR 217 (HAGGERMAN CUTOFF RD.) AT LOCO HILLS, NEW MEXICO, 20.6 MILES EAST OF ARTESIA, NEW MEXICO:
2. THEN NORTH ON CR 217, 1.81 MILES TO A LEASE ROAD ON THE RIGHT;
3. THEN EAST ON THE LEASE ROAD, 0.48 MILES TO THE INTERSECTION OF CR 218 (GOAT ROPERS RD.);
4. THEN NORTH ON CR 218, AT 0.27 PASS THE SOUTH LINE OF THE MIRANDA FEDERAL LEASE, 0.65 MILES IN ALL TO A "T" INTERSECTION OF A LEASE ROAD TO THE LEFT.
5. THEN WESTERLY ON THE LEASE ROAD, 0.10 MILES TO THE NO. 5 WELL SITE ON THE RIGHT.
6. THEN NORTHERLY AT 120' CROSS THE NORTH LINE OF THE NO. 5 WELL SITE ENTERING A NEW LEASE ROAD, 0.07 MILES TO THE APPROXIMATE MID-POINT OF THE NO. 10 WELL SITE.
7. THEN WEST ON A NEW LEASE ROAD, 185' TO THE SOUTHEAST CORNER OF THE NO. 19 WELL SITE.

AEF A. E. FULLER & ASSOCIATES
LAND SURVEYORS
AL FULLER
Cell - (432) 559-6718
Email - al@aefuller.com
Fax: (817) 594-8437
3600 W. Baumann
Midland, TX 79703

www.aefuller.com

COG OPERATING LLC
MIRANDA FEDERAL NO. 19
SECTION 9 - TOWNSHIP 17 S - RANGE 30 E
EDDY COUNTY, NM
N 87 E - 24.6 MILES FROM ARTESIA, NM

DATE: 03/10/2010

USGS
QUAD LOCO HILLS

Offset Wells to Miranda Federal #19

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-015-20637	CBS OPERATING CORP	LOCO HILLS B FEDERAL	001	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA	2,872	PO	Injection Well	Jan 1993	Jan 2010
30-015-20617	CBS OPERATING CORP	LOCO HILLS B FEDERAL	002	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA	2,878	O	Active	Jan 1979	Apr 2005
30-015-20617	CBS OPERATING CORP	LOCO HILLS B FEDERAL	002	EDDY	S:9, T:17S, R:30E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,878	O	Active	Jun 1972	Dec 1977
30-015-20672	CBS OPERATING CORP	LOCO HILLS B FEDERAL	005	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA	2,870	PI	Flowing	Jan 1979	Dec 1982
30-015-20672	CBS OPERATING CORP	LOCO HILLS B FEDERAL	005	EDDY	S:9, T:17S, R:30E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,870	PI	Flowing	Jul 1972	Dec 1977
30-015-20673	CBS OPERATING CORP	LOCO HILLS B FEDERAL	006	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA	2,880	O	Active	Jan 1979	Jan 2010
30-015-20673	CBS OPERATING CORP	LOCO HILLS B FEDERAL	006	EDDY	S:9, T:17S, R:30E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,880	O	Active	Jul 1972	Dec 1977
30-015-20674	CBS OPERATING CORP	LOCO HILLS B FEDERAL	007	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA			Flowing	Jan 1979	Dec 1982
30-015-20674	CBS OPERATING CORP	LOCO HILLS B FEDERAL	007	EDDY	S:9, T:17S, R:30E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)			G	Flowing	Jul 1972	Dec 1977
30-015-20675	CBS OPERATING CORP	LOCO HILLS B FEDERAL	008	EDDY	S:9, T:17S, R:30E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)			O	Shut-in	Jan 1973	Dec 1977
30-015-20675	CBS OPERATING CORP	LOCO HILLS B FEDERAL	008	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA		O	Shut-in	Jan 1979	Jan 2010
30-015-20851	SEELY OIL CO	ARCO FEDERAL	001	EDDY	S:9, T:17S, R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	2,880	O	Active	Nov 1973	Jan 2010
30-015-20951	SEELY OIL CO	ARCO FEDERAL	002	EDDY	S:9, T:17S, R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1975	Jan 2010
30-015-21221	SEELY OIL CO	ARCO FEDERAL	003	EDDY	S:9, T:17S, R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1975	Jan 2010
30-015-21276	SEELY OIL CO	ARCO FEDERAL	004	EDDY	S:9, T:17S, R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1975	Jan 2010
30-015-21436	SEELY OIL CO	ARCO FEDERAL	005	EDDY	S:9, T:17S, R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	0	O	Pumping	Feb 1975	Jan 2010
30-015-21437	SEELY OIL CO	ARCO FEDERAL	006	EDDY	S:9, T:17S, R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	0	O	Pumping	Feb 1975	Jan 2010
		PARKE G			S:9, T:17S, R:30E							

30-015-21493	SEELY OIL CO.	FEDERAL	001	EDDY	R:30E	SQUARE LAKE	GRAYBURG-SAN ANDRES	0	O	Pumping	Apr 1975	Jan 2010
30-015-25110	CBS OPERATING CORP	LOCO HILLS B FEDERAL	009	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA	3,040	PO	Shut-in	Jan 1993	Jan 2010
30-015-20735		HOLDER CB NCT B FEDERAL	003	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA	3,600	O	Active		
30-015-04114		HOLDER CB NCT B FEDERAL	001	EDDY	S:9, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA		G	Active	Jan 1988	Dec 1993
30-015-34915	GRUY PETROLEUM MANAGEMENT CO.	STEWART 9 FEDERAL COM	001	EDDY	S:9, T:17S, R:30E	LOCO HILLS	MORROW (GAS)	11,650	PG	Active Permit		
30-015-35823	GRUY PETROLEUM MANAGEMENT CO.	STEWART 9 FEDERAL COM	1	EDDY	S:9, T:17S, R:30E	LOCO HILLS	MORROW (GAS)	11,650	PG	Active Permit		
30-015-34707	COG OPERATING LLC	POLARIS B FEDERAL	5	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,985	O	Active Permit	Nov 2006	Nov 2006
30-015-35393	COG OPERATING LLC	POLARIS B FEDERAL	8	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	5,970	O	Active	Sep 2007	Jan 2010
30-015-35394	COG OPERATING LLC	POLARIS B FEDERAL	9	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	6,007	O	Active Permit	Nov 2007	Jan 2010
30-015-35395	COG OPERATING LLC	POLARIS B FEDERAL	10	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	6,000	O	Active	May 2008	Jan 2010
30-015-35396	COG OPERATING LLC	POLARIS B FEDERAL	11	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	6,015	O	Active	Nov 2007	Jan 2010
30-015-35397	COG OPERATING LLC	POLARIS B FEDERAL	12	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORETA-YESO (GAS)	GAS	5,920	O	Active	Nov 2007	Nov 2007
30-015-34707	COG OPERATING LLC	POLARIS B FEDERAL	5	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	5,985	O	Active Permit	Nov 2006	Jan 2010
30-015-35471	COG OPERATING LLC	HOLDER CB FEDERAL	11	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	5,896	O	Active	Sep 2007	Jan 2010
30-015-35649	COG OPERATING LLC	POLARIS B FEDERAL	6	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	5,970	O	Active	Nov 2007	Jan 2010
30-015-35699	COG OPERATING LLC	POLARIS B FEDERAL	7	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	6,020	O	Active Permit	Feb 2008	Jan 2010
30-015-35393	COG OPERATING LLC	POLARIS B FEDERAL	8	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA YESO		5,970	O	Active		
30-015-35927	COG OPERATING LLC	POLARIS B FEDERAL	16	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	5,935	O	Active Permit	Mar 2008	Jan 2010
30-015-35931	COG OPERATING LLC	POLARIS B FEDERAL	15	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK	5,920	O	Active Permit	Feb 2008	Jan 2010
	COG	POLARIS			S:9,							

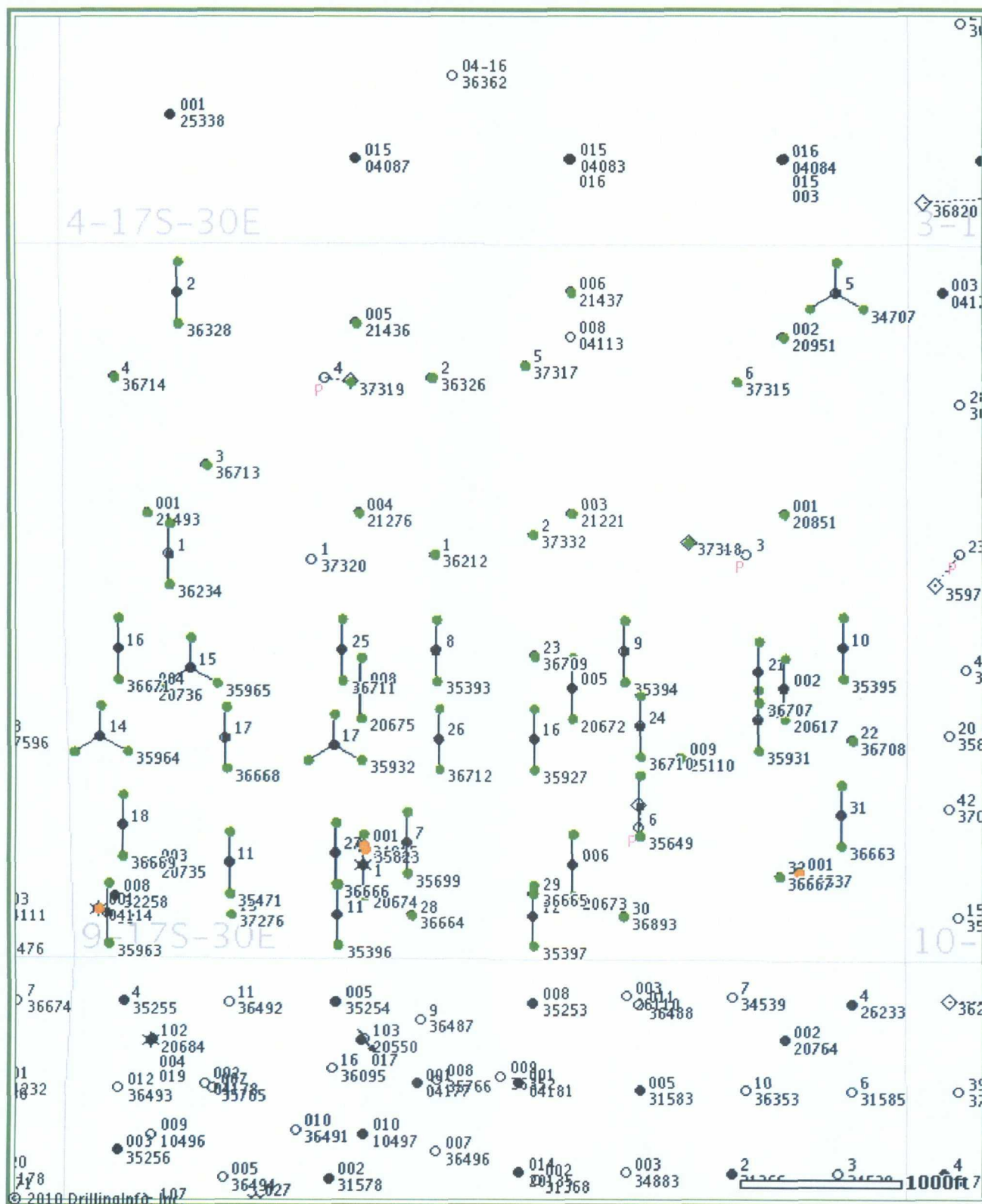
30-015-35932	OPERATING LLC	B FEDERAL	17	EDDY	T:17S, R:30E	LOCO HILLS	PADDOCK		5,920	O	Active Permit	Feb 2008	Jan 2010
30-015-35471	COG OPERATING LLC	HOLDER CB FEDERAL	11	EDDY	S:9, T:17S, R:30E	LOCO HILLS; EMPIRE; YESO			5,896	O	Active		
30-015-35649	COG OPERATING LLC	POLARIS B FEDERAL	6	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORETA-YESO (GAS)	GAS		5,970	O	Active		
30-015-35963	COG OPERATING LLC	HOLDER CB FEDERAL	13	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK		5,917	O	Active Permit	Aug 2008	Jan 2010
30-015-35964	COG OPERATING LLC	HOLDER CB FEDERAL	14	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK		5,935	O	Active Permit	Oct 2008	Jan 2010
30-015-35965	COG OPERATING LLC	HOLDER CB FEDERAL	15	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK		5,920	O	Active Permit	Jun 2008	Jan 2010
30-015-35394	COG OPERATING LLC	POLARIS B FEDERAL	9	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORETA-YESO (GAS)	GAS		6,007	O	Active Permit		
30-015-35396	COG OPERATING LLC	POLARIS B FEDERAL	11	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORETA-YESO (GAS)	GAS		6,015	O	Active		
30-015-35397	COG OPERATING LLC	POLARIS B FEDERAL	12	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK		5,920	O	Active	Nov 2007	Jan 2010
30-015-35699	COG OPERATING LLC	POLARIS B FEDERAL	7	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA YESO			6,020	O	Active Permit		
30-015-35927	COG OPERATING LLC	POLARIS B FEDERAL	16	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA YESO			5,935	O	Active Permit		
30-015-35931	COG OPERATING LLC	POLARIS B FEDERAL	15	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA YESO			5,920	O	Active Permit		
30-015-35932	COG OPERATING LLC	POLARIS B FEDERAL	17	EDDY	S:9, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH		5,920	O	Active Permit		
30-015-36212	CIMAREX ENERGY CO. OF COLORADO	DRACO 9 FEDERAL	1	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK		6,000	PO	Active Permit		
30-015-36234	CIMAREX ENERGY CO. OF COLORADO	VEGA "9" FEDERAL	1	EDDY	S:9, T:17S, R:30E	LOCO HILLS	PADDOCK		5,995	O	Active Permit	Jun 2008	Jan 2010
30-015-35395	COG OPERATING LLC	POLARIS B FEDERAL	10	EDDY	S:9, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH		6,000	O	Active		
30-015-35965	COB OPERATING LLC	HOLDER CB FEDERAL	15	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO			5,920	O	Active Permit		
30-015-36328	CIMAREX ENERGY CO. OF COLORADO	VEGA "9" FEDERAL	2	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK		6,005	O	Active Permit	Jun 2008	Jan 2010
	CIMAREX ENERGY CO.				S:9,								

30-015-36326	OF COLORADO	DRACO 9 FEDERAL	2	EDDY	T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-35965	COG OPERATING LLC	HOLDER CB FEDERAL	15	EDDY	S:9, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	5,920	O	Active Permit		
30-015-35963	COG OPERATING LLC	HOLDER CB FEDERAL	13	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,917	O	Active Permit		
30-015-36234	CIMAREX ENERGY CO. OF COLORADO	VEGA 9 FEDERAL	1	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,995	O	Active Permit		
30-015-36663	COG OPERATING LLC	POLARIS B FEDERAL	31	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,006	O	Active Permit	Jul 2009	Jan 2010
30-015-36664	COG OPERATING LLC	POLARIS B FEDERAL	28	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36665	COG OPERATING LLC	POLARIS B FEDERAL	29	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36666	COG OPERATING LLC	POLARIS B FEDERAL	27	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,023	O	Active Permit		
30-015-36667	COG OPERATING LLC	POLARIS B FEDERAL	32	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36668	COG OPERATING LLC	HOLDER CB FEDERAL	17	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,004	O	Active Permit	Aug 2009	Jan 2010
30-015-36669	COG OPERATING LLC	HOLDER CB FEDERAL	18	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,049	O	Active Permit	Dec 2009	Jan 2010
30-015-36671	COG OPERATING LLC	HOLDER CB FEDERAL	16	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,017	O	Active Permit	Jan 2010	Jan 2010
30-015-36707	COG OPERATING LLC	POLARIS B FEDERAL	21	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,010	O	Active Permit	May 2009	Jan 2010
30-015-36708	COG OPERATING LLC	POLARIS B FEDERAL	22	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36709	COG OPERATING LLC	POLARIS B FEDERAL	23	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36710	COG OPERATING LLC	POLARIS B FEDERAL	24	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,005	O	Active Permit	May 2009	Jan 2010
30-015-36711	COG OPERATING LLC	POLARIS B FEDERAL	25	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,012	O	Active Permit	Oct 2009	Jan 2010
30-015-36712	COG OPERATING LLC	POLARIS B FEDERAL	26	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,007	O	Active Permit	Jul 2009	Jan 2010
30-015-36713	CIMAREX ENERGY CO. OF COLORADO	VEGA 9 FEDERAL	3	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		

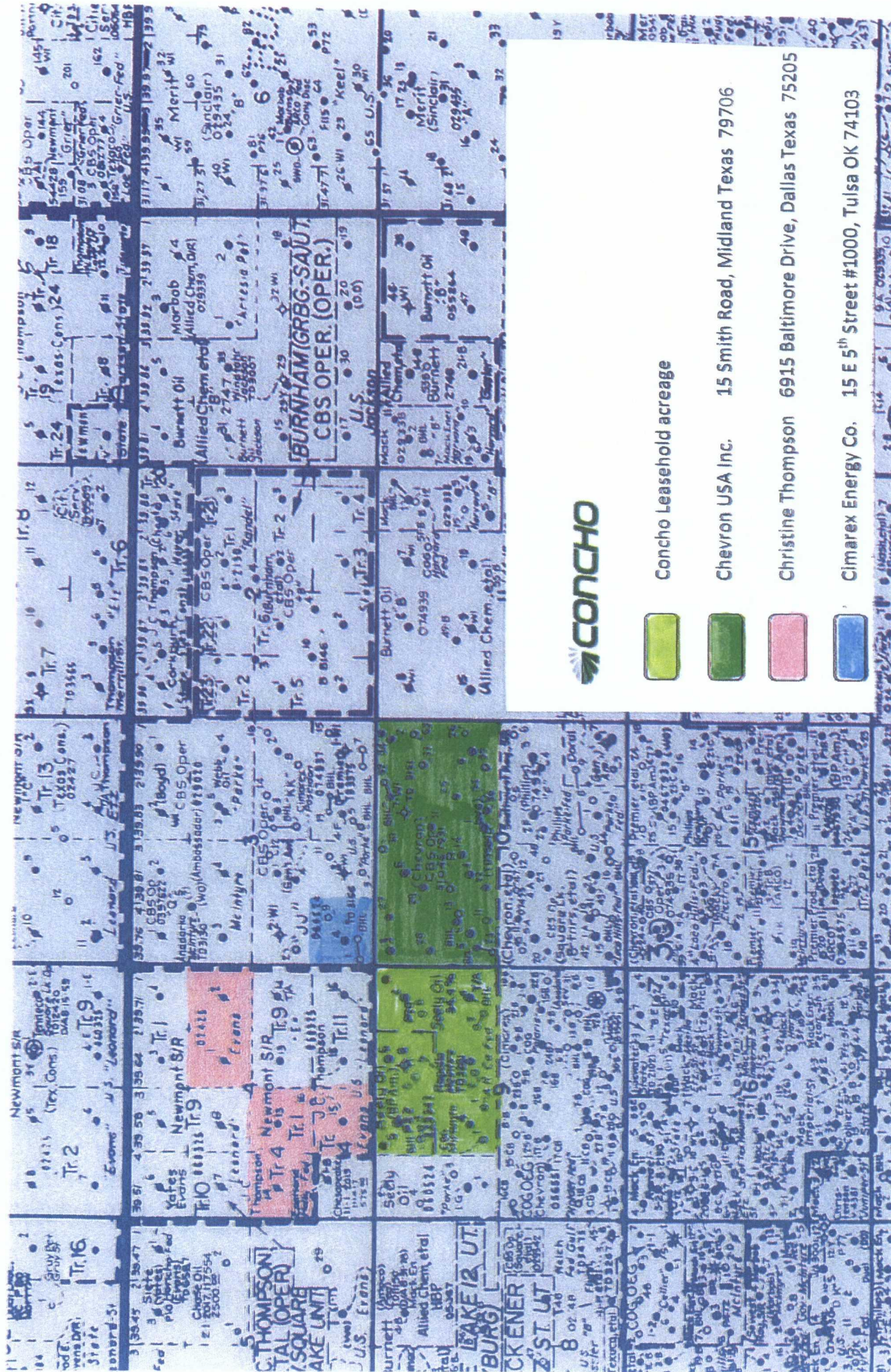
30-015-36714	CIMAREX ENERGY CO. OF COLORADO	VEGA 9 FEDERAL	4	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36328	CIMAREX ENERGY CO. OF COLORADO	VEGA 9 FEDERAL	2	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,005	O	Active Permit		
30-015-35964	COG OPERATING LLC	HOLDER CB FEDERAL	14	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,935	O	Active Permit		
30-015-35964	COG OPERATING LLC	HOLDER CB FEDERAL	14	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,935	O	Active Permit		
30-015-36893	COG OPERATING LLC	POLARIS B FEDERAL	30	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-35932	COG OPERATING LLC	POLARIS B FEDERAL	17	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,920	O	Active Permit		
30-015-36710	COG OPERATING LLC	POLARIS B FEDERAL	24	EDDY	S:9, T:17S, R:30E	LOCO HILLS		6,005	O	Active Permit		
30-015-36707	COG OPERATING LLC	POLARIS B FEDERAL	21	EDDY	S:9, T:17S, R:30E	LOCO HILLS		6,010	O	Active Permit		
30-015-36712	COG OPERATING LLC	POLARIS B FEDERAL	26	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,007	O	Active Permit		
30-015-36663	COG OPERATING LLC	POLARIS B FEDERAL	31	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,006	O	Active Permit		
30-015-37276	COG OPERATING LLC	HOLDER CB FEDERAL	19	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	5,850	PO	Active Permit		
30-015-37319	COG OPERATING LLC	MIRANDA FEDERAL	4	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,159	PO	Active Permit		
30-015-37315	COG OPERATING LLC	MIRANDA FEDERAL	6	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-37318	COG OPERATING LLC	MIRANDA FEDERAL	3	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,170	PO	Active Permit		
30-015-37317	COG OPERATING LLC	MIRANDA FEDERAL	5	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-37332	COG OPERATING LLC	MIRANDA FEDERAL	2	EDDY	S:9, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36668	COG OPERATING LLC	HOLDER CB FEDERAL	17	EDDY	S:9, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,004	O	Active Permit		
30-015-36711	COG OPERATING LLC	POLARIS B FEDERAL	25	EDDY	S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,012	O	Active Permit		
	COG OPERATING	POLARIS B			S:9, T:17S, R:30E							

30-015-34707	LLC	FEDERAL	5	EDDY	R:30E S:9, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,985	O	Active Permit		
30-015-36669	COG OPERATING LLC	HOLDER CB FEDERAL	18	EDDY	R:30E	LOCO HILLS		6,049	O	Active Permit		
30-015-36666	COG OPERATING LLC	POLARIS B FEDERAL	27	EDDY	S:9, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,023	O	Active Permit		
30-015-36671	COG OPERATING LLC	HOLDER CB FEDERAL	16	EDDY	S:9, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,017	O	Active Permit		

Offset Wells to Miranda Federal #19



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CONCHO

Concho Leasehold acreage

Chevron USA Inc. 15 Smith Road, Midland Texas 79706

Christine Thompson 6915 Baltimore Drive, Dallas Texas 75205

Cimarex Energy Co. 15 E 5th Street #1000, Tulsa OK 74103

SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

CHRISTINE THOMPSON
6915 BALTIMORE DRIVE
DALLAS, TX 75205

COMPLETE THIS SECTION ON DELIVERY

A. Signature X <i>Christine Thompson</i>		☐ Agent
B. Received by (Printed Name)		☐ Addressee
		C. Date of Delivery

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7009 12250 0001 0942 4292

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1

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

April 22, 2010

Christine Thompson
6915 Baltimore Drive
Dallas, TX 75205

Re: Request for Unorthodox Well Location

To Whom It May Concern:

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

**Miranda Federal #19
Eddy County, NM**

150' FNL & 1675' FWL Sec 9, T17S, R30E

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

Sincerely,

COG Operating LLC

A handwritten signature in black ink, appearing to read "Robyn Odom", with a stylized flourish at the end.

Robyn M. Odom
Regulatory Analyst

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Monday, May 03, 2010 11:25 AM
To: 'Robyn Odom'
Subject: Miranda Fed #19 - NSL Application

Dear Ms. Odom

I note that you sent notice of this application to Christine Thompson, who, according to your attached plat, is lease owner of the SE/4 SW/4 of Section 4. However, your proposed location, as you have correctly noted in your application, also encroaches toward the SW/4 SW/4 of Section 4. Your plat does not indicate that Christine Thompson's ownership includes the SW/4 SW/4. The Midland Map Company plat shows that quarter quarter as Chesapeake acreage, but, of course, I have no way to know if that is current.

Please advise what you know about the ownership of the SW/4 SW/4 of Section 4, and if someone else needs to be noticed, please furnish appropriate proof of notice.

Thanks
David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: Robyn Odom [rodom@conchoresources.com]
Sent: Wednesday, May 05, 2010 9:57 AM
To: Brooks, David K., EMNRD
Subject: RE: Miranda Fed #19 - NSL Application

Dear Mr. Brooks,

It seems that Rubicon is the WI owner of the SW/4 SW/4 of Section 4. I will notify them right away and send proof of notification to you as soon as I receive it. Have a great day!

Thank you,

Robyn Odom
(432) 685-4385

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From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Monday, May 03, 2010 12:25 PM
To: Robyn Odom
Subject: Miranda Fed #19 - NSL Application

Dear Ms. Odom

I note that you sent notice of this application to Christine Thompson, who, according to your attached plat, is lease owner of the SE/4 SW/4 of Section 4. However, your proposed location, as you have correctly noted in your application, also encroaches toward the SW/4 SW/4 of Section 4. Your plat does not indicate that Christine Thompson's ownership includes the SW/4 SW/4. The Midland Map Company plat shows that quarter quarter as Chesapeake acreage, but, of course, I have no way to know if that is current.

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Thanks
David K. Brooks
Legal Examiner

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prohibited unless specifically provided under the New Mexico Inspection of Public Records Act. If you are not the intended recipient, please contact the sender and destroy all copies of this message. -- This email has been scanned by the Sybari - Antigen Email System.

Robyn Odom

From: Robyn Odom
Sent: Wednesday, May 05, 2010 10:57 AM
To: 'Brooks, David K., EMNRD'
Subject: 2010 MAY RE: Miranda Fed #19 - NSL Application

Dear Mr. Brooks,

Attached is the Proof of Notification to Rubicon. Please let me know if you need anything else or have any questions.

Thank you,
Robyn Odom

Dear Mr. Brooks,

It seems that Rubicon is the WI owner of the SW/4 SW/4 of Section 4. I will notify them right away and send proof of notification to you as soon as I receive it. Have a great day!

Thank you,

Robyn Odom
(432) 685-4385

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Sent: Monday, May 03, 2010 12:25 PM
To: Robyn Odom
Subject: Miranda Fed #19 - NSL Application

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David K. Brooks
Legal Examiner

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SENDER: COMPLETE THIS SECTION

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

1. Article Addressed to:

RUBICON OIL AND GAS, LLC
508 W. WALL ST., STE. 500
MIDLAND, TX 79701

COMPLETE THIS SECTION ON DELIVERY

- A. Signature:  ☐ Agent ☐ Addressee
- B. Received by (Printed Name): Paul Pearson C. Date of Delivery: 5-6-13
- D. Is delivery address different from item 1? ☐ Yes ☐ No

If YES, enter delivery address below:

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

- ☐ Yes

2. Article Number

(Transfer from service label)

7009 2250 0001 0942 4278

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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

May 5, 2010

Rubicon Oil and Gas, LLC
508 W. Wall St. Ste. 500
Midland, TX 79701

Re: Request for Unorthodox Well Location

To Whom It May Concern:

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

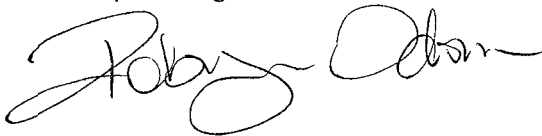
**Miranda Federal #19
Eddy County, NM**

150' FNL & 1675' FWL Sec 9, T17S, R30E

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

Sincerely,

COG Operating LLC

A handwritten signature in black ink, appearing to read "Robyn Odom", written over a horizontal line.

Robyn M. Odom
Regulatory Analyst