

DATE IN <u>11-19-09</u>	SUSPENSE	ENGINEER <u>Brooks</u>	LOGGED IN <u>11-19</u>	TYPE <u>NSL</u>	APP NO. <u>0932340646</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 229137

ADMINISTRATIVE APPLICATION CHECKLIST Electra Fed #59

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 _____

[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

11/17/09
 Date

(432) 685-4385
 Phone Number

rododm@conchoresources.com
 E-mail Address

**Electra Federal #59
Eddy County, NM**

COG is requesting to **vertically** drill a NW/4 40 acre spacing
Loco Hills; Glorieta Yeso oil well
TD of approximately 5950'

Non-standard Location:
1065' FNL & 2310' FWL Sec 10, T17S, R30E, Unit C

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 #59 should be very similar.

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 that COG owns offset acreage.
The acreage we are encroaching is the SE/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

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

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

DISTRICT IV
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
11885 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 30-015-	Pool Code 96718	Pool Name <i>unles</i> LOCO HILLS; GLORIETA-YESO
Property Code 302483	Property Name ELECTRA FEDERAL	Well Number 59
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3732'

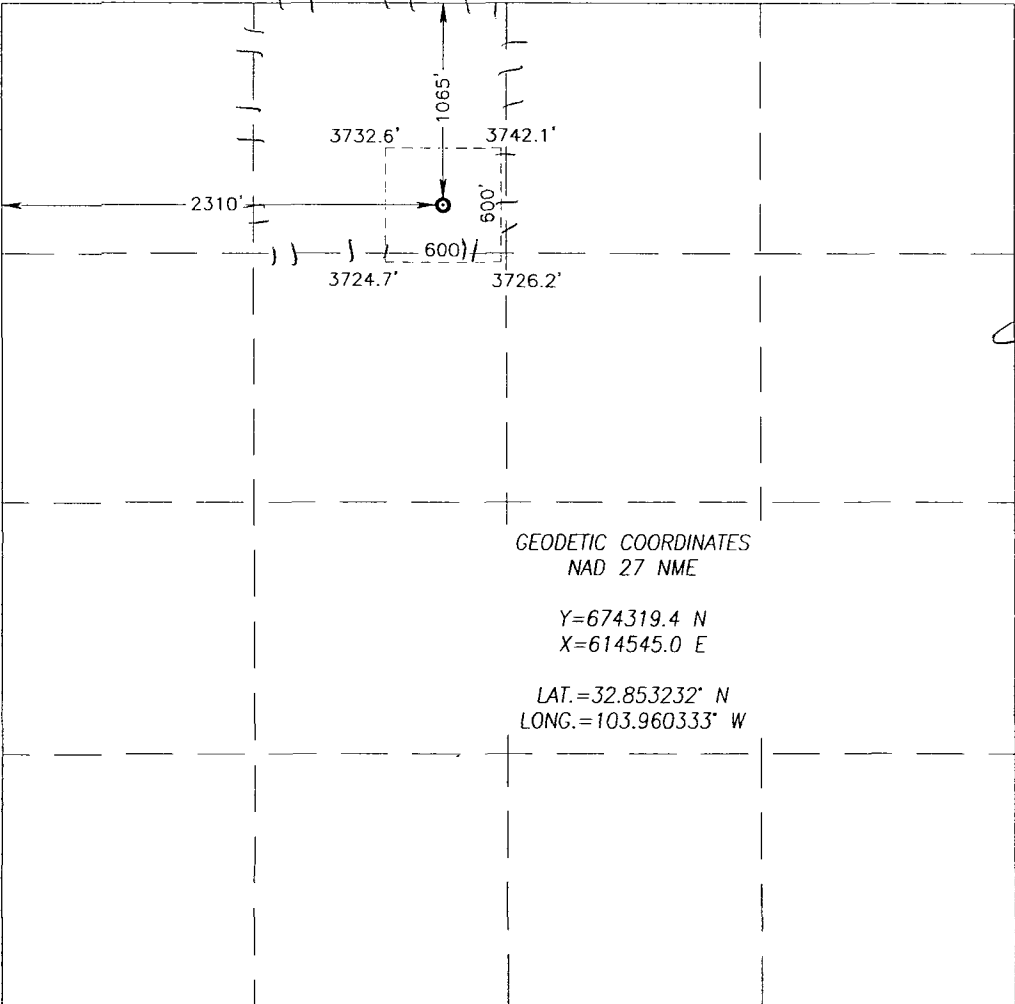
Surface Location

UL or lot No. C	Section 10	Township 17-S	Range 30-E	Lot Idn	Feet from the 1065	North/South line NORTH	Feet from the 2310	East/West line WEST	County EDDY
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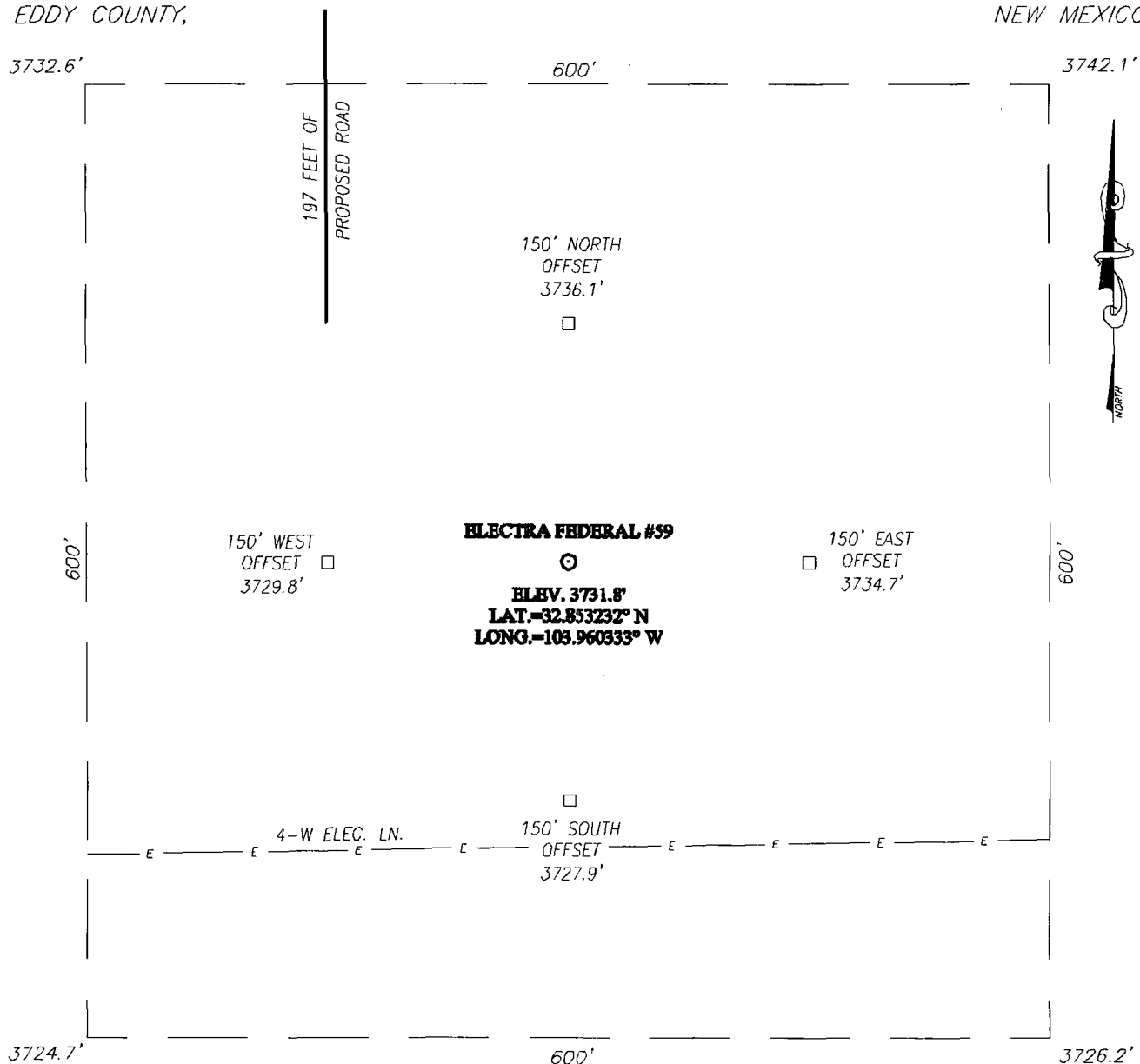
Bottom Hole Location If Different From Surface

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

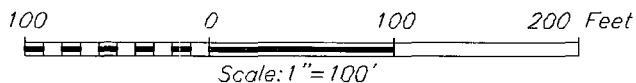
 GEODETIC COORDINATES NAD 27 NME Y=674319.4 N X=614545.0 E LAT.=32.853232' N LONG.=103.960333' W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral 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. <i>Robyn Odom</i> 11/17/2009 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. <i>GARY G. EIDSON</i> Date Surveyed Signature & Seal of Professional Surveyor NOVEMBER 16, 2009 DSS 11/16/09 0911160971 Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239
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SECTION 10, TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

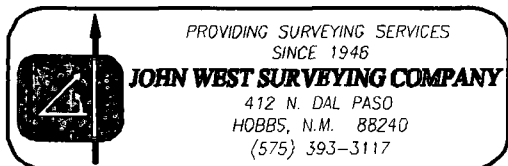
FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #219 (GOAT ROPERS RD.), GO NORTH ON CO. RD. #219 APPROX. 1.9 MILES. TURN RIGHT AND GO EAST APPROX. 0.9 MILES. TURN LEFT AND GO NORTH APPROX. 0.5 MILES. TURN RIGHT AND GO EAST APPROX. 0.2 MILES. TURN LEFT AND GO NORTH APPROX. 0.35 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES. TURN LEFT AND GO SOUTH 0.1 MILES TO A PROPOSED ROAD SURVEY. FOLLOW ROAD SURVEY SOUTH APPROX. 197 FEET. THIS LOCATION STAKE IS APPROX. 212 FEET SOUTHEAST.



COG OPERATING, LLC

ELECTRA FEDERAL #59 WELL
 LOCATED 1065 FEET FROM THE NORTH LINE
 AND 2310 FEET FROM THE WEST LINE OF SECTION 10,
 TOWNSHIP 17 SOUTH, RANGE 30 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 11/06/09	Sheet 1 of 1 Sheets
W.O. Number: 09.11.0971	Dr By: DSS
Date: 11/13/09	09110971
	Rev 1: N/A
	Scale: 1"=100'



Offset Wells to Electra Federal #59

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

30-015-20612	ROYALTIES INC	PARKE FEDERAL	003	EDDY	T:17S, R:30E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)			3,400	PO	Pumping	Jun 1972	Dec 1977
30-015-20612	SOUTHLAND ROYALTIES INC	PARKE FEDERAL	003	EDDY	S:10, T:17S, R:30E	GRAYBURG JACKSON	SR-Q-G-SA		3,400	PO	Pumping	Jan 1979	Apr 2004
30-015-20619	CBS OPERATING CORP	FEDERAL R	004	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			2,970	G	Flowing	Jan 1973	Aug 2009
30-015-20620	CBS OPERATING CORP	FEDERAL R	005	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			2,950	O	Active	Jan 1973	Nov 2008
30-015-20695	CBS OPERATING CORP	FEDERAL R	007	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			3,160		Injection Well	Dec 2001	Aug 2009
30-015-20696	CBS OPERATING CORP	FEDERAL R	008	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			3,200	G	Flowing	Nov 1976	Jul 2009
30-015-22018	CBS OPERATING CORP	FEDERAL R	006	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			3,195	O	Active	Mar 1977	Aug 2009
30-015-04170	WOLLEY, A. S.	PARKE H	002	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			3,254	O	Active	Feb 1956	Dec 1958
30-015-04171	WOOLLEY, A. S.	PARKE H	003	EDDY	S:10, T:17S, R:30E	SQUARE LAKE			2,982	O	Active	Mar 1957	Dec 1958
30-015-10091	INMAN CURTIS R	GENERAL AMERICAN FEDERAL	001	EDDY	S:10, T:17S, R:30E	EDDY UNDE			0	O	Pumping	Nov 1963	Dec 1963
30-015-34845	COG OPERATING LLC	ELECTRA FEDERAL	10	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK		6,000	O	Active Permit	Jan 2007	Aug 2009
30-015-34721	COG OPERATING LLC	ELECTRA FEDERAL	9	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK		6,070	O	Active Permit	Jan 2007	Aug 2009
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	LOCO HILLS	PADDOCK		6,110	O	Active Permit	Jul 2007	Aug 2009
30-015-35428	COG OPERATING LLC	ELECTRA FEDERAL	012	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK		6,000	PO	Active Permit	Sep 2007	Aug 2009
30-015-35429	COG OPERATING LLC	ELECTRA FEDERAL	14	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK		6,047	O	Active Permit	May 2008	Aug 2009
30-015-35430	COG OPERATING LLC	ELECTRA FEDERAL	15	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK		5,925	O	Active Permit	Oct 2007	Aug 2009
30-015-35431	COG OPERATING LLC	ELECTRA FEDERAL	16	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK		6,000	O	Active Permit	Nov 2007	Jul 2009
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		

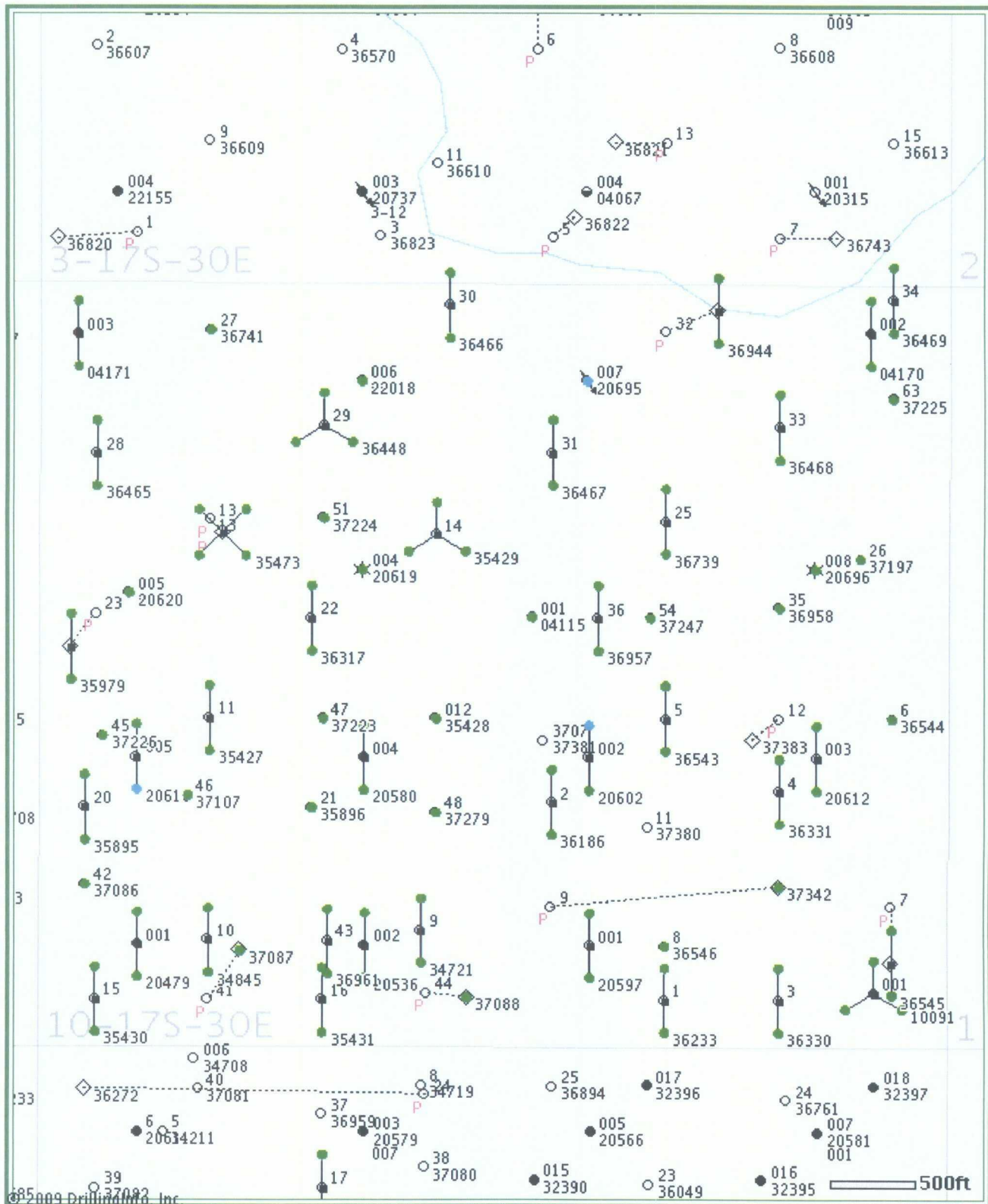
30-015-37473	COG OPERATING LLC	ELECTRA FEDERAL	13	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK	6,016	O	Active	Jan 2008	Aug 2009
30-015-35780	COG OPERATING LLC	ELECTRA FEDERAL	17	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK	6,106	O	Active Permit		
30-015-35430	COG OPERATING LLC	ELECTRA FEDERAL	15	EDDY	S:10, 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	LOCO HILLS	PADDOCK	5,986	O	Active Permit	Aug 2008	Jul 2009
30-015-35896	COG OPERATING LLC	ELECTRA FEDERAL	21	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK	5,950	PO	Active Permit	Aug 2008	Aug 2009
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	LOCO HILLS	PADDOCK	5,972	O	Active Permit	Sep 2008	Aug 2009
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		
30-015-36186	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	2	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK	6,000	O	Active Permit	Apr 2008	Aug 2009
30-015-36233	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	1	EDDY	S:10, T:17S, R:30E	LOCO HILLS	PADDOCK	5,980	O	Active Permit	Nov 2008	Jul 2009
30-015-35429	COG OPERATING LLC	ELECTRA FEDERAL	14	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,047	O	Active Permit		
30-015-37473	COG OPERATING LLC	ELECTRA FEDERAL	13	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,016	O	Active		
30-015-36317	COG OPERATING LLC	ELECTRA FEDERAL	22	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,027	O	Active Permit	Dec 2008	Aug 2009
30-015-36331	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	4	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	O	Active Permit	Jul 2008	Jul 2009
30-015-36330	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	3	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,005	O	Active Permit	Sep 2008	Jul 2009
30-015-36448	COG OPERATING LLC	ELECTRA FEDERAL	29	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,037	O	Active Permit	Nov 2008	Aug 2009
	COG OPERATING	ELECTRA			S:10, T:17S,							

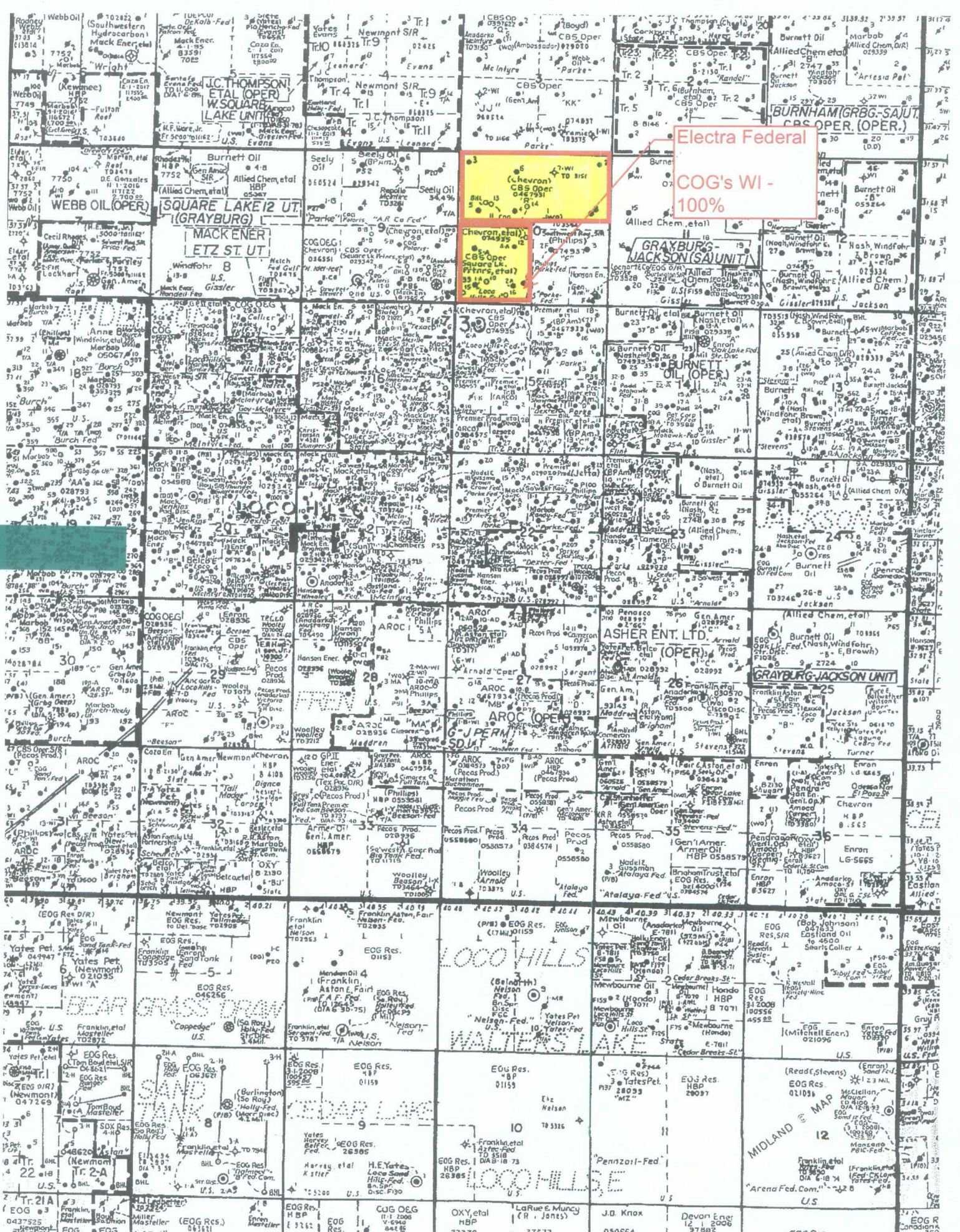
30-015-36429	LLC	FEDERAL	14	EDDY	R:30E S:10, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,047	O	Active Permit		
30-015-36469	COG OPERATING LLC	ELECTRA FEDERAL	34	EDDY		LOCO HILLS (PADDOCK)	PADDOCK	6,004	O	Active Permit	Jun 2009	Aug 2009
30-015-36468	COG OPERATING LLC	ELECTRA FEDERAL	33	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,011	O	Active Permit	Oct 2008	Aug 2009
30-015-36467	COG OPERATING LLC	ELECTRA FEDERAL	31	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,029	O	Active Permit	Feb 2009	Jul 2009
30-015-36466	COG OPERATING LLC	ELECTRA FEDERAL	30	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,007	O	Active Permit	Apr 2009	Aug 2009
30-015-36465	COG OPERATING LLC	ELECTRA FEDERAL	28	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,034	O	Active Permit	Jan 2009	Aug 2009
30-015-36473	COG OPERATING LLC	ELECTRA FEDERAL	13	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,016	O	Active Permit	Jun 2008	Aug 2009
30-015-36543	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	5	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	O	Active Permit	Mar 2009	Aug 2009
30-015-36544	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	6	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36545	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	7	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	O	Active Permit	Mar 2009	Aug 2009
30-015-36546	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	8	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-35473	COG OPERATING LLC	ELECTRA FEDERAL	13	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,016	O	Active Permit		
30-015-36186	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	2	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,000	O	Active Permit		
30-015-35895	COG OPERATING LLC	ELECTRA FEDERAL	20	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA YESO		5,986	O	Active Permit		
30-015-35979	COG OPERATING LLC	ELECTRA FEDERAL	23	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,972	O	Active Permit		
30-015-36739	COG OPERATING LLC	ELECTRA FEDERAL	25	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,010	O	Active Permit	Jun 2009	Aug 2009
30-015-36741	COG OPERATING LLC	ELECTRA FEDERAL	27	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit	Jun 2009	Jul 2009
30-015-36330	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	3	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,005	O	Active Permit		

30-015-36468	COG OPERATING LLC	ELECTRA FEDERAL	33	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,011	O	Active Permit		
30-015-36233	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	1	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		5,980	O	Active Permit		
30-015-36331	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	4	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,000	O	Active Permit		
30-015-36448	COG OPERATING LLC	ELECTRA FEDERAL	29	EDDY	S:10, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,037	O	Active Permit		
30-015-36448	COG OPERATING LLC	ELECTRA	29	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,037	O	Active Permit		
30-015-36317	COG OPERATING LLC	ELECTRA FED	22	EDDY	S:10, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,027	O	Active Permit		
30-015-36465	COG OPERATING LLC	ELECTRA FEDERAL	28	EDDY	S:10, T:17S, R:30E	LOCO HILLS	QU-GB-SA, SOUTH	6,034	O	Active Permit		
30-015-36467	COG OPERATING LLC	ELECTRA FEDERAL	31	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,029	O	Active Permit		
30-015-36543	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	5	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,000	O	Active Permit		
30-015-36944	COG OPERATING LLC	ELECTRA FEDERAL	32	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,004	O	Active Permit	May 2009	Aug 2009
30-015-36961	COG OPERATING LLC	ELECTRA FEDERAL	43	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,003	O	Active Permit	May 2009	Aug 2009
30-015-36958	COG OPERATING LLC	ELECTRA FEDERAL	35	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		
30-015-36957	COG OPERATING LLC	ELECTRA FEDERAL	36	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,006	O	Active Permit	Jul 2009	Aug 2009
30-015-36545	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10 FEDERAL	7	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,000	O	Active Permit		
30-015-36466	COG OPERATING LLC	ELECTRA FEDERAL	30	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO		6,007	O	Active Permit		
30-015-37088	COG OPERATING LLC	ELECTRA FEDERAL	44	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,106	PO	Active Permit		
30-015-37087	COG OPERATING LLC	ELECTRA FEDERAL	41	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,020	PO	Active Permit		
30-015-37086	COG OPERATING LLC	ELECTRA FEDERAL	42	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)	PADDOCK	6,000	PO	Active Permit		

30-015-36944	COG OPERATING LLC	ELECTRA FEDERAL	32	EDDY	S:10, T:17S, R:30E	LOCO HILLS		QU-GB-SA, SOUTH	6,004	O	Active Permit		
30-015-36739	COG OPERATING LLC	ELECTRA FEDERAL	25	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO			6,010	O	Active Permit		
30-015-36961	COG OPERATING LLC	ELECTRA FEDERAL	43	EDDY	S:10, T:17S, R:30E	LOCO HILLS		QU-GB-SA, SOUTH	6,003	O	Active Permit		
30-015-37107	COG OPERATING LLC	ELECTRA FEDERAL	46	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	6,000	PO	Active Permit		
30-015-36957	COG OPERATING LLC	ELECTRA FEDERAL	36	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO			6,006	O	Active Permit		
30-015-36469	COG OPERATING LLC	ELECTRA FEDERAL	34	EDDY	S:10, T:17S, R:30E	LOCO HILLS; GLORIETA-YESO			6,004	O	Active Permit		
30-015-37197	COG OPERATING LLC	ELECTRA FEDERAL	26	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	6,000	PO	Active Permit		
30-015-37226	COG OPERATING LLC	ELECTRA FEDERAL	45	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	6,050	PO	Active Permit		
30-015-37225	COG OPERATING LLC	ELECTRA FEDERAL	63	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	5,950	PO	Active Permit		
30-015-37224	COG OPERATING LLC	ELECTRA FEDERAL	51	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	5,950	PO	Active Permit		
30-015-37223	COG OPERATING LLC	ELECTRA FEDERAL	47	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	6,050	PG	Active Permit		
30-015-37247	COG OPERATING LLC	ELECTRA FEDERAL	54	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	5,950	PO	Active Permit		
30-015-37279	COG OPERATING LLC	ELECTRA FEDERAL	48	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	6,000	PO	Active Permit		
30-015-37342	CIMAREX ENERGY CO. OF COLORADO	HYDRUS 10	9	EDDY	S:10, T:17S, R:30E	LOCO HILLS (PADDOCK)		PADDOCK	6,013	PO	Active Permit		

Offset Wells to Electra Federal #59





Electra Federal
COG's WI -
100%

GRAYBURG-JACKSON UNIT

BURNETT OIL (OPER.)

ASHER ENT. LTD.
(OPER.)

GRAYBURG-JACKSON UNIT

LOCOS HILLS

WALTERS LAKE

CEDAR LAKE

LOCOS HILLS

MOLAND MAP

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Tuesday, December 01, 2009 2:44 PM
To: 'Robyn Odom'
Subject: Electra Federal #59; NSL Application

This location encroaches diagonally toward the SW/4 NE/4 of Section 10. Please advise concerning ownership of that unit.

Sincerely
David Brooks

Brooks, David K., EMNRD

From: Robyn Odom [rododom@conchoresources.com]
Sent: Tuesday, December 01, 2009 3:13 PM
To: Brooks, David K., EMNRD
Subject: RE: Electra Federal #59; NSL Application

Dear Mr. Brooks,

COG owns the offset acreage of the SW/4 NE/4 of Section 10. Please let me know if you need any more information in the approval of this application. 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: Tuesday, December 01, 2009 3:44 PM
To: Robyn Odom
Subject: Electra Federal #59; NSL Application

This location encroaches diagonally toward the SW/4 NE/4 of Section 10. Please advise concerning ownership of that unit.

Sincerely
David Brooks

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