

DATE IN <u>6-15-10</u>	SUSPENSE	ENGINEER <u>DB</u>	LOGGED IN <u>6-15-10</u>	TYPE <u>NSL</u>	APP NO. <u>PTG-W 1016651264</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



C06
State S-19 #34
20-015-37869

ADMINISTRATIVE APPLICATION CHECKLIST

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

Application Acronyms:

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

6259

[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 _____

RECEIVED OOD
 2010 JUN 15 P 12:06

[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

6/14/10
 Date

(432) 685-4385
 Phone Number

rodom@conchoresources.com
 E-mail Address

**State S-19 #34
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:

1700' FSL & 700' FWL Sec 19, T17S, R29E, Lot 3

**This well had to be drilled at a non-standard location due to
electrical lines.**

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:

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

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

3rd 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 NE/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

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

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	Pool Code	Pool Name
30-015-37869	96210	EMPIRE; GLORIETA-YESO
Property Code	Property Name	Well Number
302569	STATE S-19	34
OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3663'

Surface Location

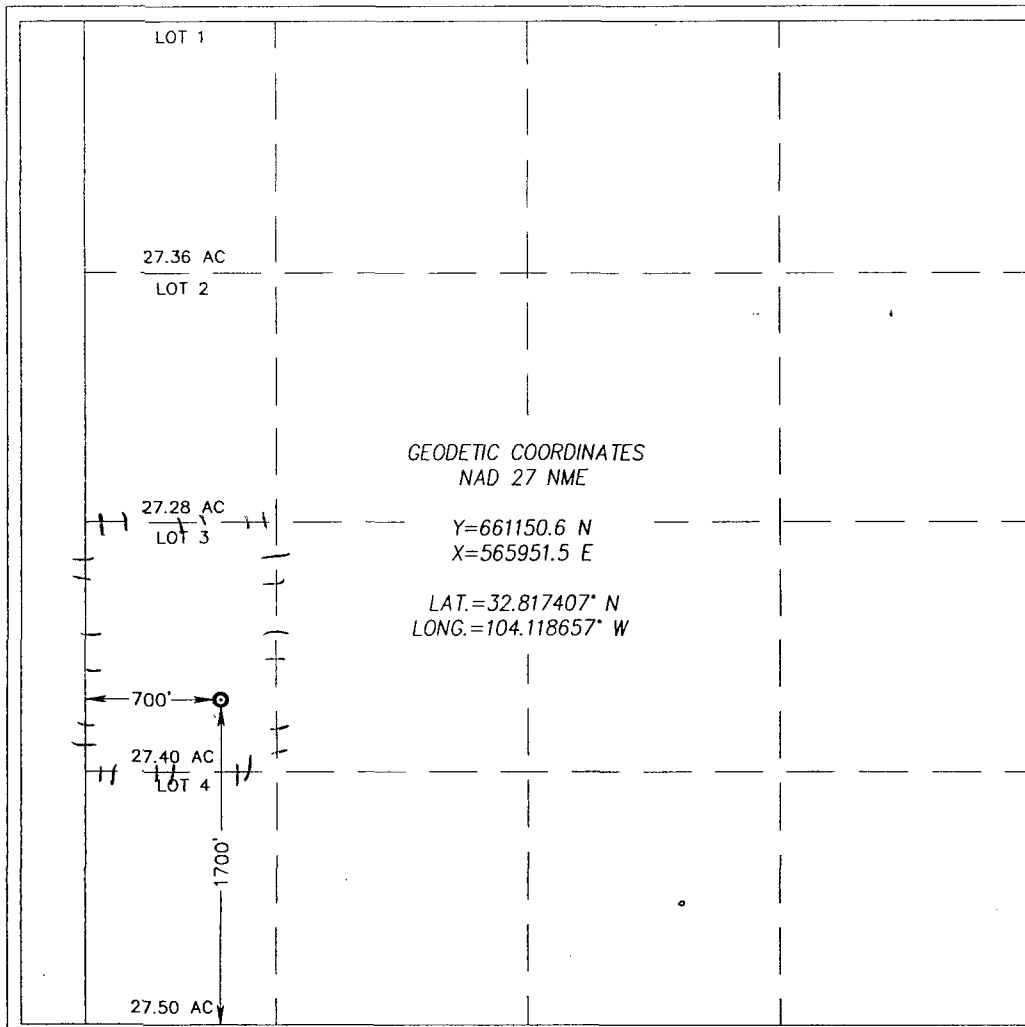
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
3	19	17-S	29-E		1700	SOUTH	700	WEST	EDDY

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	Joint or Infill	Consolidation Code	Order No.
40			

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.

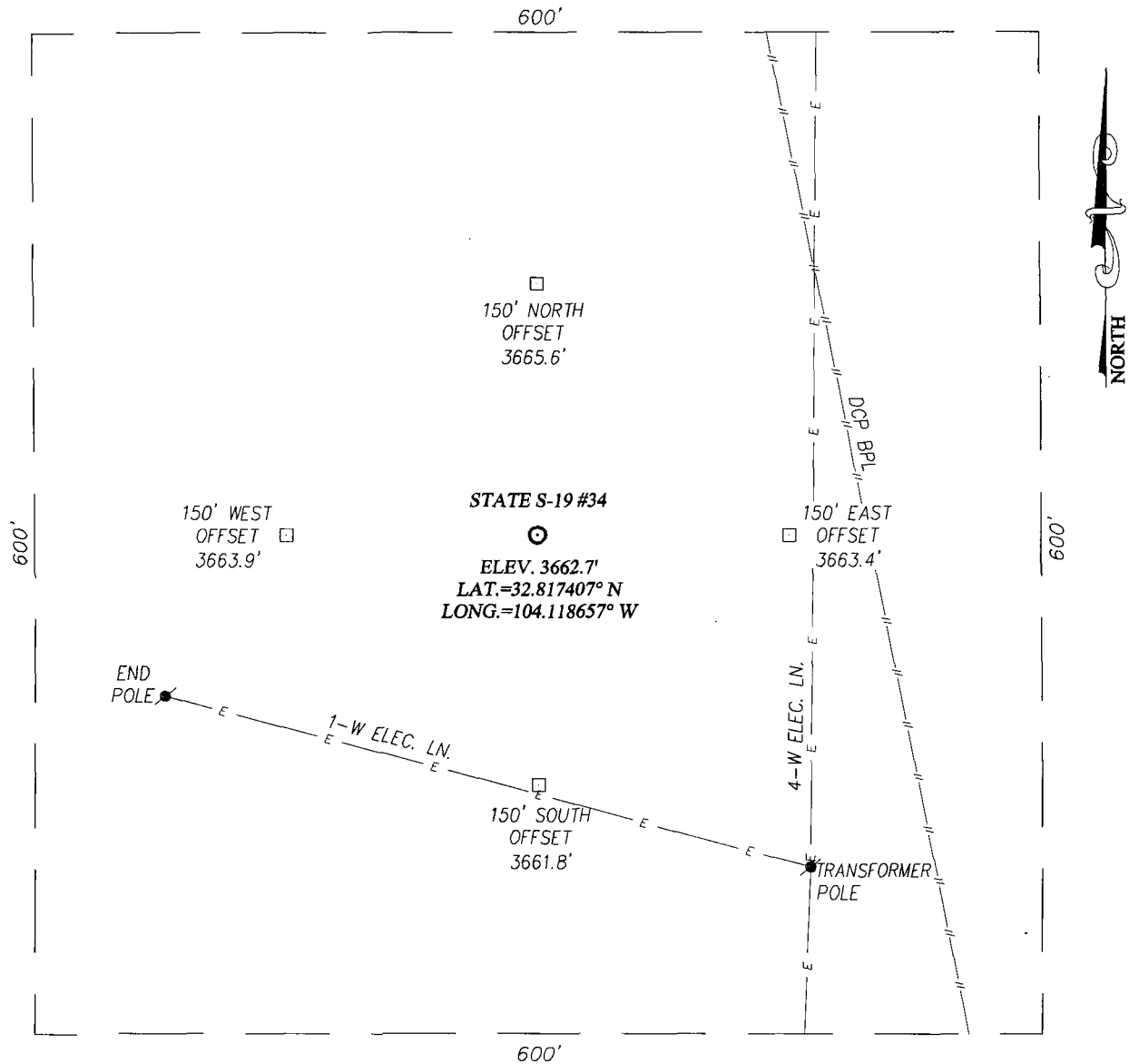
Signature: *Robyn Odom* Date: 6/14/2010
Printed Name: Robyn Odom

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.

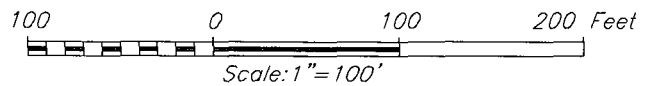
Signature & Seal of Professional Surveyor: *GARY G. EIDSON*
Date Surveyed: 5/20/10
Rev: 5/20/10 DSS
Certificate No. 12641
3239

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. HIGHWAY #82 AND COUNTY ROAD #211 (OLD LOCO ROAD), GO WEST ON U.S. HIGHWAY #82 APPROX. 1.1 MILE. TURN RIGHT AND GO NORTH APPROX. 0.5 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES. THIS LOCATION STAKE IS APPROX. 750 FEET NORTH OF LEASE RD.



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

COG OPERATING, LLC

STATE S-19 #34 WELL
 LOCATED 1700 FEET FROM THE SOUTH LINE
 AND 700 FEET FROM THE WEST LINE OF SECTION 19,
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 5/4/10	Sheet 1 of 1 Sheets
W.O. Number: 10.11.0620	Dr By: DSS
Date: 5/10/10	Rev 1: N/A
10110620	Scale: 1"=100'

Offset Wells to State S-19 #34

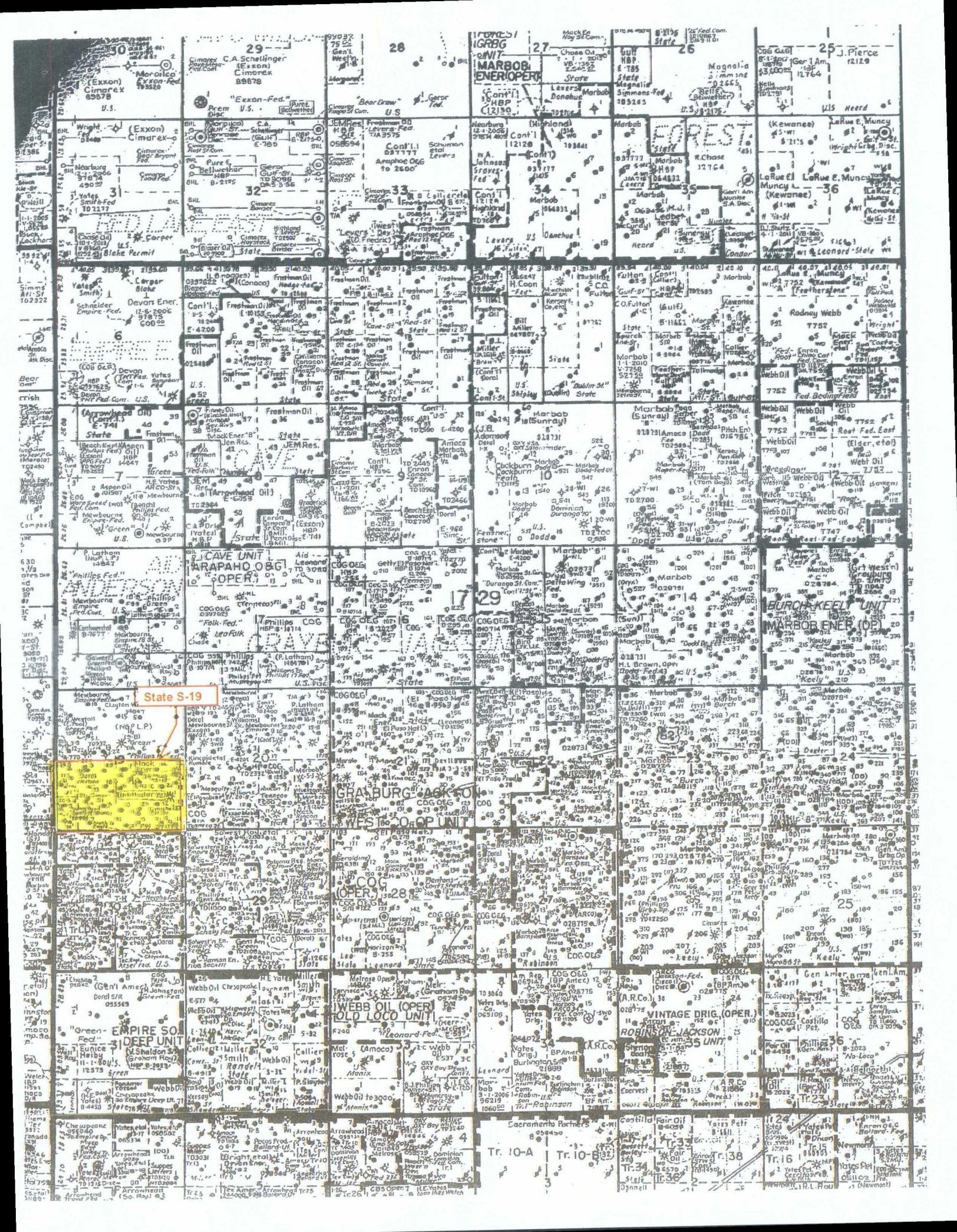
API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-015-03001	MACK ENERGY CORP	STATE S-19	002	EDDY	S:19, T:17S, R:29E	SWD	GRAYBURG-SAN ANDRES	2,450	D	Pumping		
30-015-03005	DORAL ENERGY CORP.	SINCLAIR A STATE	001	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS	0	O	Pumping	Jan 1957	Mar 2010
30-015-03007	DORAL ENERGY CORP.	HUMBLE STATE	003	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS	0	O	Active	Aug 1956	Mar 2010
30-015-03008	DORAL ENERGY CORP.	HUMBLE STATE	004	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS	0	O	Active	Nov 1956	Mar 2010
30-015-22743	COG OPERATING LLC	STATE S-19	001	EDDY	S:19, T:17S, R:29E	EMPIRE	ABO	10,880	O	Active	Oct 1981	Mar 2010
30-015-22930	CLAYTON WILLIAMS ENERGY INC	GREEN B FEDERAL	009	EDDY	S:19, T:17S, R:29E	EMPIRE	MORROW, SOUTH (GAS)	10,870	I	Plugged and Abandoned	Jul 1979	Aug 2000
30-015-24143	MACK ENERGY CORP	STATE S-19	003	EDDY	S:19, T:17S, R:29E	EMPIRE	ABO	7,300	O	Pumping	Aug 1982	Oct 1985
30-015-24273	COG OPERATING LLC	STATE S-19	004	EDDY	S:19, T:17S, R:29E	EMPIRE	ABO	7,350	O	Active	Feb 1983	Mar 2010
30-015-25643	ENDURANCE RESOURCES LLC	GREEN FEDERAL	001	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS	0	PO	Pumping	Aug 1987	Mar 2010
30-015-29965	COG OPERATING LLC	STATE S-19	007	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,270	O	Pumping	Mar 1998	Mar 2010
30-015-30728	COG OPERATING LLC	STATE S-19	009	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,233	O	Pumping	Nov 1999	Mar 2010
30-015-30729	COG OPERATING LLC	STATE S-19	012	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,225	O	Pumping	Dec 1999	Mar 2010
30-015-30915	COG OPERATING LLC	STATE S-19	011	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,221	O	Pumping	Jul 2000	Mar 2010
30-015-30916	COG OPERATING LLC	STATE S-19	013	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,467	O	Pumping	Jul 2000	Mar 2010
30-015-30917	COG OPERATING LLC	STATE S-19	015	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,402	O	Pumping	Mar 2000	Mar 2010
30-015-30944	COG OPERATING LLC	STATE S-19	014	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,411	O	Pumping	May 2000	Mar 2010
30-015-31108	COG OPERATING LLC	STATE S-19	010	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,440	O	Pumping	Sep 2000	Mar 2010
30-015-31224	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	001	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO, EAST	4,805	O	Pumping	Sep 2000	Sep 2000

30-015-31224	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	001	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,805	O	Pumping	Sep 2000	Apr 2010
30-015-31225	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	002	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO, EAST		4,556	O	Pumping	Oct 2000	Oct 2000
30-015-31225	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	002	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,556	O	Pumping	Oct 2000	Apr 2010
30-015-31226	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	005	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,550	O	Pumping	Oct 2000	Apr 2010
30-015-31227	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	006	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,545	O	Pumping	Nov 2000	Apr 2010
30-015-31279	COG OPERATING LLC	STATE S-19	016	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,465	O	Pumping	Nov 2000	Mar 2010
30-015-31445	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	003	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Feb 2001	Apr 2010
30-015-31448	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	007	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Feb 2001	Apr 2010
30-015-31503	COG OPERATING LLC	STATE S-19	017	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,245	O	Pumping	May 2001	Mar 2010
30-015-31504	COG OPERATING LLC	STATE S-19	018	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,255	O	Pumping	Feb 2001	Mar 2010
30-015-31539	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	009	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Feb 2001	Apr 2010
30-015-31554	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	011	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Mar 2001	Apr 2010
30-015-31555	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	012	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Mar 2001	Apr 2010
30-015-31614	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	010	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Apr 2001	Apr 2010
30-015-31633	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	013	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,500	O	Pumping	Apr 2001	Apr 2010
30-015-32059	COG OPERATING LLC	STATE S-19	019	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		5,303	O	Pumping	Dec 2001	Mar 2010
30-015-32060	COG OPERATING LLC	STATE S-19	20	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,216	O	Pumping	Feb 2002	Mar 2010
30-015-32062	COG OPERATING LLC	STATE S-19	21	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		5,506	O	Pumping	Mar 2002	Mar 2010
30-015-32226	COG OPERATING LLC	STATE S-19	22	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO		4,430	O	Pumping	Jun 2002	Mar 2010
	COG OPERATING				S:19, T:17S,								

30-015-32241	LLC	STATE S-19	008	EDDY	R-29E S:19, T:17S,	EMPIRE	YESO	4,350	O	Pumping	Jul 2002	Mar 2010
30-015-32502	COG OPERATING LLC	STATE S-19	6	EDDY	R-29E	EMPIRE	YESO	5,435	O	Active	Jan 2003	Mar 2010
30-015-31227	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	006	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO, EAST	4,545	O	Pumping		
30-015-03001		STATE S-19	002	EDDY	S:19, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,450	D	Pumping	Oct 1957	Mar 1982
30-015-03002		STATE S-19	001	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS		O	Active	Sep 1957	Jul 1966
30-015-03005		SINCLAIR A STATE	001	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS	0	O	Pumping	Jun 1956	Dec 1993
30-015-03004		CONTINENTAL STATE	002	EDDY	S:19, T:17S, R:29E	AID	YATES-SEVEN RIVERS		O	Active	Dec 1956	Oct 1958
30-015-22743		STATE 19 COM	001	EDDY	S:19, T:17S, R:29E	EMPIRE	MORROW, SOUTH (GAS)	10,880	O	Active	Jan 1981	Sep 1981
30-015-33503	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	015M	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,227	O	Active	Nov 2004	Apr 2010
30-015-33516	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	14	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,177	O	Active	Jan 2005	Apr 2010
30-015-33502	CLAYTON WILLIAMS ENERGY INC	PHILLIPS 19 FEDERAL	004	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	4,200	O	Active	Nov 2004	Apr 2010
30-015-34120	CIMAREX ENERGY CO. OF COLORADO	CP STATE COM	001	EDDY	S:19, T:17S, R:29E	EMPIRE	MORROW, SOUTH (GAS)	10,971	G	Active Permit	Jan 2006	Jun 2008
30-015-22930	GENERAL AMERICAN OIL COMPANY OF TEXAS	GREEN "B"	009	EDDY	S:19, T:17S, R:29E	SOUTH EMPIRE MORROW		10,870	I	Plugged and Abandoned		
30-015-34825	COG OPERATING LLC	STATE S-19	23	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO 96210		5,410	O	Active Permit	Sep 2006	Dec 2006
30-015-34826	COG OPERATING LLC	STATE S-19	24	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO 96210		5,475	O	Active Permit	Oct 2006	Jan 2007
30-015-34827	COG OPERATING LLC	STATE S-19	25	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO		5,460	O	Active Permit	Jul 2006	Nov 2006
30-015-34828	COG OPERATING LLC	STATE S-19	26	EDDY	S:19, T:17S, R:29E	EMPIRE	YESO	5,435	O	Active Permit	Sep 2006	Mar 2010
30-015-34829	COG OPERATING LLC	STATE S-19	27	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO 96210		5,460	O	Active Permit	Dec 2006	Dec 2006
30-015-34830	COG OPERATING LLC	STATE S-19	28	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO 96210		5,480	O	Active Permit	Aug 2006	Nov 2006
30-015-34888	MACK ENERGY CORP	SCHLEY FEDERAL	16	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		5,674	O	Active Permit		

30-015-35241	COG OPERATING LLC	STATE S-19	30	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,510	O	Active Permit		Aug 2007	Mar 2010
30-015-35242	COG OPERATING LLC	STATE S-19	31	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,500	PO	Active Permit		May 2007	Mar 2010
30-015-35261	COG OPERATING LLC	STATE S-19	29	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,515	O	Active		May 2007	Mar 2010
30-015-34828	COG OPERATING LLC	STATE S-19	26	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO 96210					5,435	O	Active Permit			
30-015-34827	COG OPERATING LLC	STATE S-19	25	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,460	O	Active Permit		Jul 2006	Mar 2010
30-015-34830	COG OPERATING LLC	STATE S-19	28	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,480	O	Active Permit		Aug 2006	Mar 2010
30-015-34825	COG OPERATING LLC	STATE S-19	23	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,410	O	Active Permit		Sep 2006	Mar 2010
30-015-34829	COG OPERATING LLC	STATE S-19	27	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,460	O	Active Permit		Dec 2006	Mar 2010
30-015-34888	COG OPERATING LLC	SCHLEY FEDERAL	16	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO, EAST			5,674	O	Active Permit		Oct 2006	Mar 2010
30-015-34826	COG OPERATING LLC	STATE S-19	24	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,475	O	Active Permit		Oct 2006	Mar 2010
30-015-35242	COG OPERATING LLC	STATE S-19	31	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO 96210					5,500	PO	Active Permit			
30-015-35743	COG OPERATING LLC	STATE S-19	032	EDDY	S:19, T:17S, R:29E	EMPIRE GLORIETA; YESO 96210					5,421	O	Active Permit			
30-015-35241	COG OPERATING LLC	STATE S-19	30	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO					5,510	O	Active Permit			
30-015-35743	COG OPERATING LLC	STATE S-19	032	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,421	O	Active Permit		Sep 2007	Mar 2010
30-015-35922	COG OPERATING LLC	STATE S-19	33	EDDY	S:19, T:17S, R:29E	EMPIRE		YESO			5,419	O	Active Permit		Jan 2008	Mar 2010
30-015-35261	COG OPERATING LLC	STATES S-19	29	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO					5,515	O	Active			
30-015-32226	MACK ENERGY CORPORATION	STATE S-19	22	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO					4,430	O	Pumping			
30-015-32060	MACK ENERGY CORP	STATE S-19	20	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO					4,216	O	Pumping			
30-015-35922	COG OPERATING LLC	STATE S-19	33	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO					5,419	O	Active Permit			
	MACK ENERGY				S:19, T:17S											

30-015-32062	CORP	STATE S-19	21	EDDY	R:29E S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		5,506	O	Pumping		
30-015-32502	MACK ENERGY CORP	STATE S-19	6	EDDY		EMPIRE; YESO		5,435	O	Active		
30-015-32059	MACK ENERGY CORP	STATE S-19	019	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		5,303	O	Pumping		
30-015-33516	CLAYTON WILLIAMS ENERGY, INC.	PHILLIPS 19 FEDERAL	14	EDDY	S:19, T:17S, R:29E	EMPIRE; YESO		4,177	O	Active		
30-015-32226	COG OPERATING LLC	STATE S-19	22	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		4,430	O	Pumping		
30-015-32502	COG OPERATING LLC	STATE S-19	6	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		5,435	O	Active		
30-015-32062	COG OPERATING LLC	STATE S-19	21	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		5,506	O	Pumping		
30-015-32059	TEST	STATE S-19	019	EDDY	S:19, T:17S, R:29E	EMPIRE; GLORIETA-YESO		5,303	O	Pumping		
30-015-34120	GRUY PETROLEUM MANAGEMENT, CO.	CP STATE COM	001	EDDY	S:19, T:17S, R:29E	EMPIRE; MORROW, SOUTH (GAS)	GAS	10,971	G	Active Permit		
30-015-37869	COG OPERATING LLC	STATE S-19	034	EDDY	S:19, T:17S, R:29E	EMPIRE (YESO)	YESO	5,550	PO	Active		



Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Wednesday, June 16, 2010 9:13 AM
To: 'Robyn Odom'
Subject: Staste S-19 #34; NSL Application

Dear Ms. Odom

Although I cannot be entirely sure given that this is an irregular survey, it seems that this location encroaches diagonally toward the SE/4 SW/4 of Section 19, as well as directly toward the NE/4 SW/4.

The basis of this conclusion is that, assuming the north-south dimensions of Lots 3 and 4 are each a standard 1320 feet, the location is 380 feet from the south line of Lot 3. The stated acreage of Lot 3 (27.4 acres) at 43,560 sq. ft./acre=1,193,544 sq ft, as the area of Lot 3. Dividing that area by the assumed 1320 foot N-S dimension yields an indicated E-W dimension of 904 feet. If that computation is correct, then the location is presumably approximately 204 feet from the east line of Lot 3. The square of 204 is 41,416. The square of 380 is 144,400. The sum of the squares is 185,816, which is greater than double the square of 330, which is 217,800.

Please advise if working interest ownership of the SE/4 SW/4 of Section 19 is identical with the NW/4 SW/4.

Thanks

David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: Robyn Odom [rododom@conchoresources.com]
Sent: Wednesday, June 16, 2010 9:19 AM
To: Brooks, David K., EMNRD
Subject: RE: State S-19 #34; NSL Application

Dear Mr. Brooks,

COG does own the offset acreage of the SE/4 SW/4 of Section 19. 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

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Wednesday, June 16, 2010 10:13 AM
To: Robyn Odom
Subject: Staste S-19 #34; NSL Application

Dear Ms. Odom

Although I cannot be entirely sure given that this is an irregular survey, it seems that this location encroaches diagonally toward the SE/4 SW/4 of Section 19, as well as directly toward the NE/4 SW/4.

The basis of this conclusion is that, assuming the north-south dimensions of Lots 3 and 4 are each a standard 1320 feet, the location is 380 feet from the south line of Lot 3. The stated acreage of Lot 3 (27.4 acres) at 43,560 sq. ft./acre=1,193,544 sq ft, as the area of Lot 3. Dividing that area by the assumed 1320 foot N-S dimension yields an indicated E-W dimension of 904 feet. If that computation is correct, then the location is presumably approximately 204 feet from the east line of Lot 3. The square of 204 is 41,416. The square of 380 is 144,400. The sum of the squares is 185,816, which is greater than double the square of 330, which is 217,800.

Please advise if working interest ownership of the SE/4 SW/4 of Section 19 is identical with the NW/4 SW/4.

Thanks

David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Thursday, June 17, 2010 10:15 AM
To: 'Robyn Odom'
Subject: State S-19 #34; NSL Application

Dear Ms. Odom

Upon looking at this application a second time, I noticed that the area of Lot 3 (27.4 acres) is less than 70% of the size of a standard unit. Accordingly, an NSP application will be required for this well in addition to the NSL application.

Because this NSP impacts well density (some people might argue that two lots this size should be joined to form one unit), the Division will require notice of the NSP application to affected persons in all adjoining spacing units.

I apologize for not noticing this issue on my initial review.

Sincerely
David K. Brooks