

DATE IN <u>1/20/10</u>	SUSPENSE	ENGINEER <u>Brooks</u>	LOGGED IN <u>1/20/10</u>	TYPE <u>NSL</u>	PTG-W APP NO. <u>1002046241</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 operating

GJ West Coop Unit #221

6149

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]

[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]
 Signature

REGULATORY ANALYST
 Title

1/18/10
 Date

(432) 685-4385
 Phone Number

rodom@conchoresources.com
 E-mail Address

**G J West Coop Unit #224
Eddy County, NM**

COG is requesting to drill a vertical North ½, NE/4 40 acre spacing
GJ; 7RVS-QN-GB-GLORIETA-YESO oil well
TD of approximately 5550'

Non-standard Location:
2310' FNL & 1610' FEL Sec 16, T17S, R29E, Unit G

This well had to be staked at a non-standard location due to buried pipe 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 G J West Coop Unit #149 which was drilled and is located 2310' FSL 2310' FWL, Section 21, T17S, R29E, Unit K.

The G J West Coop Unit #149 completion divided the Yeso up into 3
perf/stimulation intervals:.

1st interval: 5153' – 5381',
acidized w/ 2500 gals,
frac'd w/ 6014 gals 40# gel, 30,777 gals 30# gel, 56,847 gals 40# gel, 8000#
LiteProp, 74,940# 16/30 White Sand, 15,920# SiberProp 16/30 sand.

2nd interval: 4914' – 5050',
acidized w/ 1975 gals,
frac'd w/ 6002 gals 40# gel, 30,757 gals 30# gel, 47,321 gals 40# gel, 8000#
LiteProp, 74,800# 16/30 sand & 15,700# SiberProp 16/30 sand.

3rd interval: 4613' – 4814',
acidized w/ 1850 gals,
frac'd w/ 93,882 gals gel, 8019# LiteProp, 74,900# 16/30 White Sand, 16,220#
SiberProp.

Attachment 1

Plat & Map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG owns the offset acreage.
The acreage we are encroaching on is the SE/4 NE/4 of Section 16.

Interests are the same.

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

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

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

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

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 97558	Pool Name GJ: 7RVS-QN-GB-GLORIETA-YESO
Property Code 302497	Property Name GJ WEST COOP UNIT	Well Number 224
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3565'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	16	17-S	29-E		2310	NORTH	1610	EAST	EDDY

Bottom Hole Location If Different From Surface

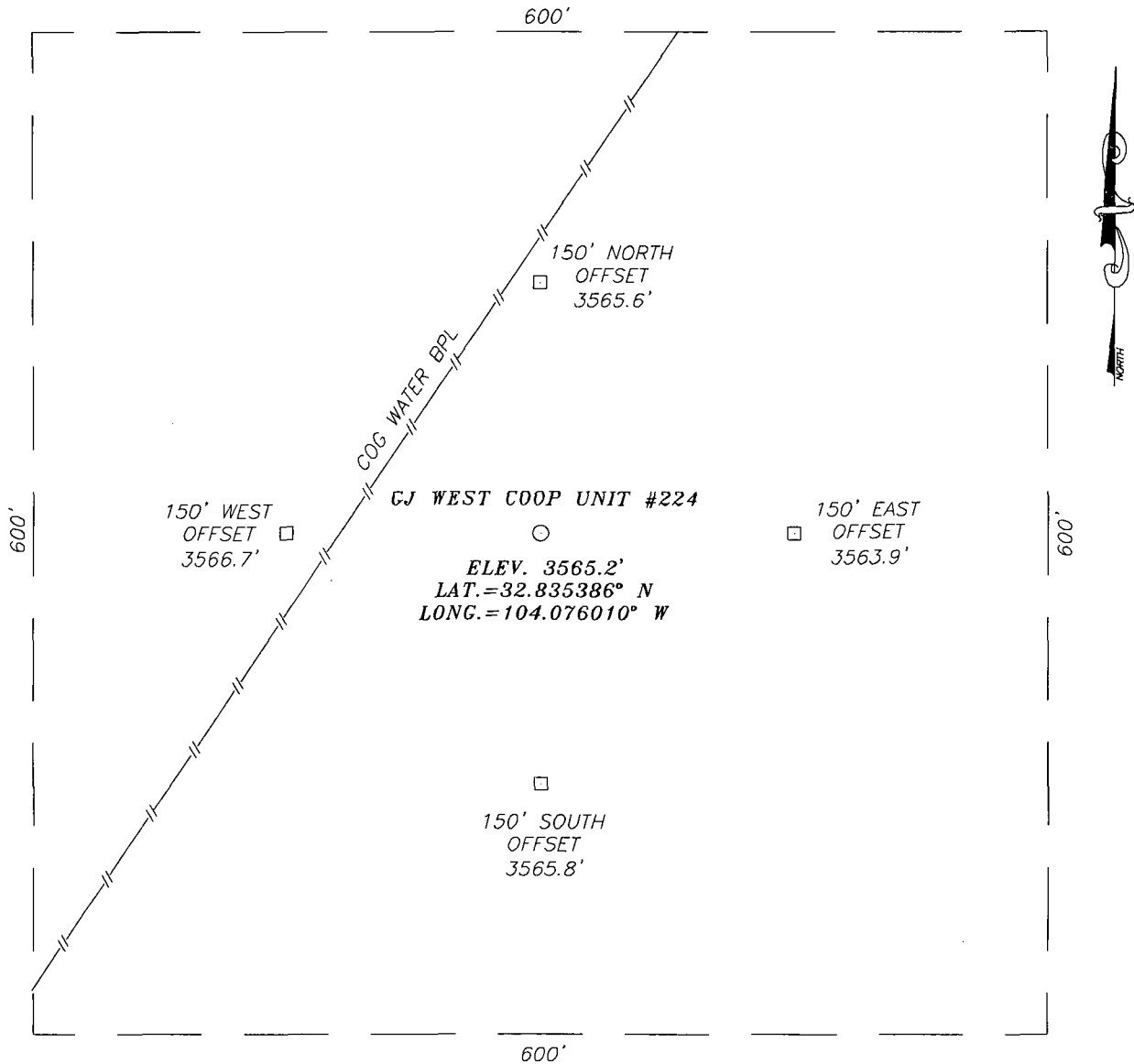
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.
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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

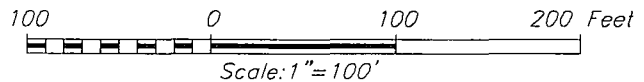
GEODETIC COORDINATES NAD 27 NME Y=667720.9 N X=579037.3 E LAT.=32.835386° N LONG.=104.076010° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral 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>[Signature]</i> 1/18/2010 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>[Signature]</i> 01/14/2010 Date Surveyed Signature & Seal of 6239 Professional Surveyor
	Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239

SECTION 16, 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
 CO. RD. #212 (VALLEY GAS), GO NORTHWEST
 APPROX. 0.4 MILES. VEER RIGHT AND GO NORTH
 APPROX. 1.0 MILES. TURN RIGHT AND GO EAST
 APPROX. 0.2 MILES. THIS LOCATION IS APPROX 440
 FEET SOUTHEAST OF LEASE ROAD.



COG OPERATING, LLC

GJ WEST COOP UNIT #224 WELL
 LOCATED 2310 FEET FROM THE NORTH LINE
 AND 1610 FEET FROM THE EAST LINE OF SECTION 16,
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

Survey Date: 1/11/10	Sheet 1 of 1 Sheets
W.O. Number: 09.11.1268	Dr By: LA
Date: 1/13/10	09111268
	Scale: 1"=100'

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

Offset Wells to G J West Coop Unit #224

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-015-02996	COG OPERATING LLC	G J WEST COOP UNIT	052	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Jan 1970	Apr 2007
30-015-02996	MACK ENERGY CORP	G J WEST COOP UNIT	052	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping	Jan 1967	Aug 1971
30-015-10819	MACK ENERGY CORP	G J WEST COOP UNIT	055	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,770	O	Pumping		
30-015-10819	COG OPERATING LLC	G J WEST COOP UNIT	055	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,770	O	Pumping	Jan 1969	Apr 2007
30-015-10831	COG OPERATING LLC	G J WEST COOP UNIT	051	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Jan 1970	Apr 2007
30-015-10831	MACK ENERGY CORP	G J WEST COOP UNIT	051	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping	Jan 1967	Dec 1977
30-015-20110	MACK ENERGY CORP	G J WEST COOP UNIT	057	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,100	O	Pumping	Jan 1972	Dec 1977
30-015-20110	MACK ENERGY CORP	G J WEST COOP UNIT	057	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	3,100	O	Pumping	Jan 1969	Oct 2000
30-015-20126	MACK ENERGY CORP	G J WEST COOP UNIT	049	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,900	O	Pumping		
30-015-20126	MACK ENERGY CORP	G J WEST COOP UNIT	049	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,900	O	Pumping	Jan 1969	Aug 1996
30-015-20129	MACK ENERGY CORP	G J WEST COOP UNIT	59	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,600	PO	Pumping	Jan 1971	Jun 2005
30-015-20129	MACK ENERGY CORP	G J WEST COOP UNIT	59	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,600	PO	Pumping	Jan 1969	Dec 1977
30-015-20130	MACK ENERGY CORP	G J WEST COOP UNIT	061	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,700	O	Flowing	Jan 1971	Jul 1991
30-015-20130	MACK ENERGY CORP	G J WEST COOP UNIT	061	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,700	O	Flowing	Jan 1969	Apr 1971
30-015-20199	MACK ENERGY CORP	G J WEST COOP UNIT	058	EDDY	S:16, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,600	I	Unknown		
30-015-20199	COG OPERATING LLC	G J WEST COOP UNIT	058	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,600	I	Unknown		
30-015-27108	COG OPERATING LLC	MUSKEGON 16 STATE COM	001	EDDY	S:16, T:17S, R:29E	SWD	CISCO	10,905	D	Salt Water Disposal	Jan 2001	Oct 2009
30-015-27108	MACK ENERGY CORP	MUSKEGON 16 STATE COM	001	EDDY	S:16, T:17S, R:29E	EMPIRE	MORROW, SOUTH (GAS)	10,905	D	Salt Water Disposal	Mar 1993	Jun 1996
	MACK				S:16,							

30-015-27345	ENERGY CORP	G J WEST COOP UNIT	112	EDDY	T:17S, R:29E	GRAYBURG JACKSON		SR-Q-G-SA	4,350		O	Pumping		Jun 1993	Nov 2000
30-015-00000		G J WEST COOP UT	112	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON		SR-Q-G-SA			G	Active		Aug 1993	Aug 1993
30-015-35236	COG OPERATING LLC	STAGECOACH STATE	1	EDDY	S:16, T:17S, R:29E	EMPIRE		YESO, EAST	5,515		O	Active Permit		Jan 2007	Feb 2007
30-015-35236	COG OPERATING LLC	STAGECOACH STATE	1	EDDY	S:16, T:17S, R:29E	UNKNOWN			5,515		O	Active Permit			
30-015-35236	COG OPERATING LLC	G J WEST COOP UNIT	1	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,515		O	Active Permit		Mar 2007	Oct 2009
30-015-35576	COG OPERATING LLC	G J WEST COOP UNIT	154	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,600		O	Active		Jul 2007	Oct 2009
30-015-35577	COG OPERATING LLC	G J WEST COOP UNIT	155	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO 97558			5,737		O	Active		Aug 2007	Sep 2007
30-015-35651	COG OPERATING LLC	G J WEST COOP UNIT	161	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO 97558			5,640		O	Active			
30-015-35652	COG OPERATING LLC	G J WEST COOP UNIT	162	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,470		O	Active		Oct 2007	Oct 2009
30-015-35718	COG OPERATING LLC	G J WEST COOP UNIT	166	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO 97558			5,459		O	Active Permit		Sep 2007	Oct 2007
30-015-35719	COG OPERATING LLC	G J WEST COOP UNIT	167	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,506		O	Active Permit		Oct 2007	Oct 2009
30-015-20199	COG OPERATING LLC	G J WEST COOP UNIT	058	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			2,600		I	Unknown		Jan 2005	Oct 2009
30-015-02996	COG OPERATING LLC	G J WEST COOP UNIT	052	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			0		O	Pumping		Jan 2005	Oct 2009
30-015-10819	COG OPERATING LLC	G J WEST COOP UNIT	055	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			2,770		O	Pumping		Jan 2005	Oct 2009
30-015-10831	COG OPERATING LLC	G J WEST COOP UNIT	051	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			0		O	Pumping		Jan 2005	Oct 2009
30-015-35236	COG OPERATING LLC	G J WEST COOP UNIT	1	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO			5,515		O	Active Permit			
30-015-35652	COG OPERATING LLC	G J WEST COOP UNIT	162	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO 97558			5,470		O	Active			
30-015-35719	COG OPERATING LLC	G J WEST COOP UNIT	167	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO 97558			5,506		O	Active Permit			
30-015-35651	COG OPERATING LLC	G J WEST COOP UNIT	161	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,640		O	Active		Sep 2007	Oct 2009
30-015-35576	COG OPERATING LLC	G J WEST COOP UNIT	154	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO 97558			5,600		O	Active			

30-015-35577	OPERATING LLC	G J WEST COOP UNIT	155	EDDY	T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,737	O	Active		Aug 2007	Oct 2009
30-015-35984	OPERATING LLC	G J WEST COOP UNIT	177	EDDY	T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,456	O	Active Permit		Feb 2008	Oct 2009
30-015-35987	OPERATING LLC	G J WEST COOP UNIT	180	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,450	PO	Active Permit			
30-015-35985	OPERATING LLC	G J WEST COOP UNIT	178	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,482	O	Active Permit		Mar 2008	Oct 2009
30-015-35986	OPERATING LLC	G J WEST COOP UNIT	179	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,494	O	Active Permit		Mar 2008	Oct 2009
30-015-35718	OPERATING LLC	G J WEST COOP UNIT	166	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,459	O	Active Permit		Sep 2007	Oct 2009
30-015-36052	OPERATING LLC	G J WEST COOP UNIT	181	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,454	O	Active Permit		Apr 2008	Oct 2009
30-015-35984	OPERATING LLC	G J WEST COOP UNIT	177	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO			5,456	O	Active Permit			
30-015-35985	OPERATING LLC	G J WEST COOP UNIT	178	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO			5,482	O	Active Permit			
30-015-36228	OPERATING LLC	G J WEST COOP UNIT	189	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,446	O	Active Permit		Jul 2008	Oct 2009
30-015-36225	OPERATING LLC	G J WEST COOP UNIT	188	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,469	O	Active Permit		Sep 2008	Oct 2009
30-015-36219	OPERATING LLC	G J WEST COOP UNIT	187	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,456	O	Active Permit		Jul 2008	Oct 2009
30-015-36240	OPERATING LLC	G J WEST COOP UNIT	195	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)				PO	Active Permit		Sep 2008	Oct 2009
30-015-36242	OPERATING LLC	G J WEST COOP UNIT	196	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)				PO	Active Permit		Sep 2008	Oct 2009
30-015-36239	OPERATING LLC	G J WEST COOP UNIT	180Y	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,450	O	Active Permit		May 2008	Oct 2009
30-015-36309	OPERATING LLC	G J WEST COOP UNIT	198	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,476	O	Active Permit		Oct 2008	Oct 2009
30-015-36308	OPERATING LLC	G J WEST COOP UNIT	199	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,475	O	Active Permit		Nov 2008	Oct 2009
30-015-35986	OPERATING LLC	G J WEST COOP UNIT	179	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO			5,494	O	Active Permit			
30-015-36052	OPERATING LLC	G J WEST COOP UNIT	181	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO			5,454	O	Active Permit			
30-015-36239	OPERATING LLC	G J WEST COOP UNIT	180Y	EDDY	S:16, T:17S, R:29E	GJ: 7RVS-QN-GB-GLORIETA-YESO			5,450	O	Active Permit			
	COG				S:16,									

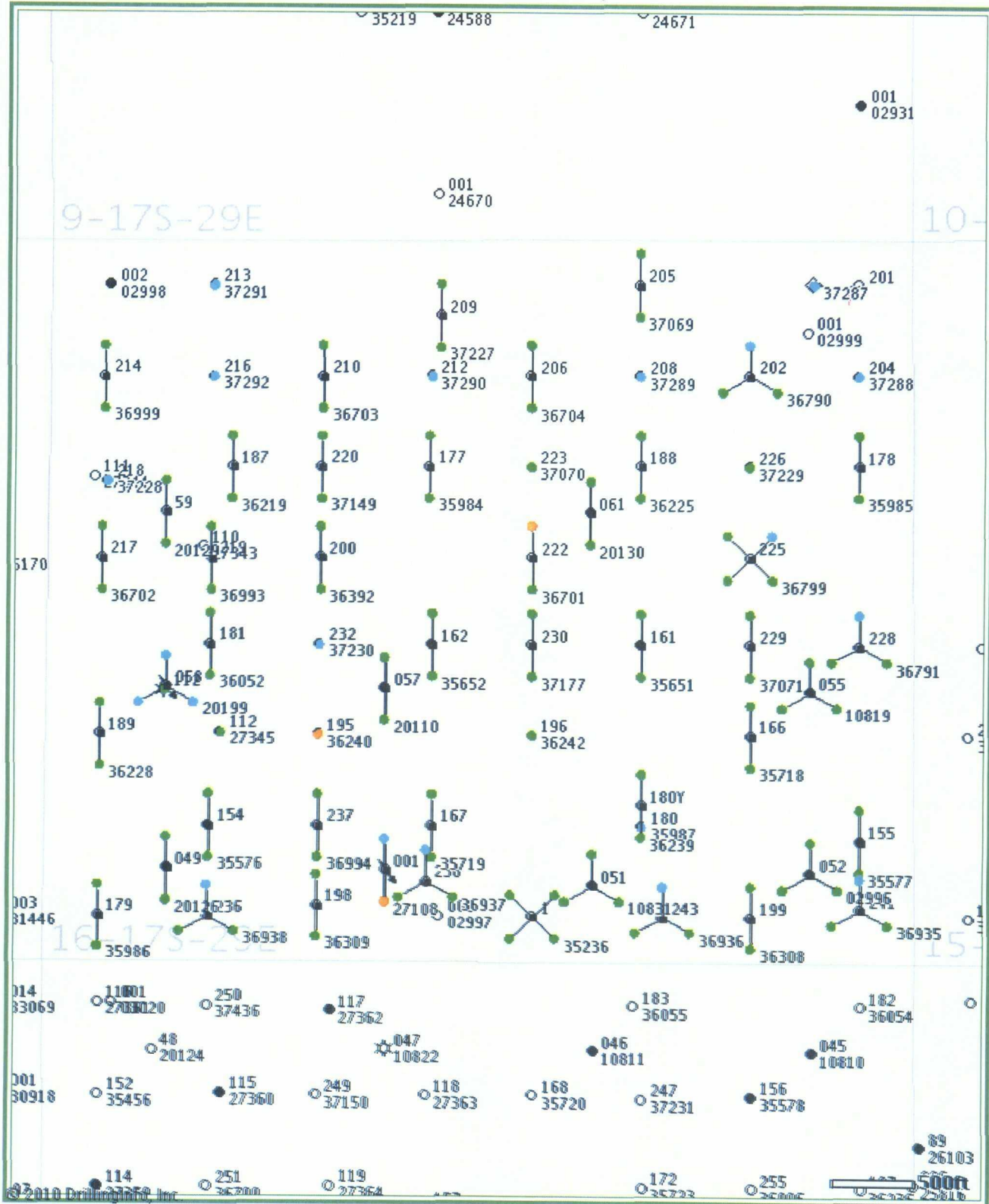
30-015-36228	OPERATING LLC	G J WEST COOP UNIT	189	EDDY	T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,446	O	Active Permit		
30-015-36219	COG OPERATING LLC	G J WEST COOP UNIT	187	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,456	O	Active Permit		
30-015-36392	COG OPERATING LLC	G J WEST COOP UNIT	200	EDDY	S:16, T:17S, R:29E	WC GJ7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,462	O	Active Permit	Nov 2008	Oct 2009
30-015-36225	COG OPERATING LLC	G J WEST COOP UNIT	188	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,469	O	Active Permit		
30-015-36702	COG OPERATING LLC	G J WEST COOP UNIT	217	EDDY	S:16, T:17S, R:29E	WC GJ7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,464	O	Active Permit	Dec 2008	Oct 2009
30-015-36701	COG OPERATING LLC	G J WEST COOP UNIT	222	EDDY	S:16, T:17S, R:29E	WC GJ7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,454	O	Active Permit	Jan 2009	Oct 2009
30-015-36703	COG OPERATING LLC	G J WEST COOP UNIT	210	EDDY	S:16, T:17S, R:29E	WC GJ7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,451	O	Active Permit	Jan 2009	Oct 2009
30-015-36704	COG OPERATING LLC	G J WEST COOP UNIT	206	EDDY	S:16, T:17S, R:29E	WC GJ7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,460	O	Active Permit	Jan 2009	Oct 2009
30-015-36309	COG OPERATING LLC	G J WEST COOP UNIT	198	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,476	O	Active Permit		
30-015-36308	COG OPERATING LLC	G J WEST COOP UNIT	199	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,475	O	Active Permit		
30-015-36790	COG OPERATING LLC	G J WEST COOP UNIT	202	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,500	O	Active Permit		
30-015-36799	COG OPERATING LLC	G J WEST COOP UNIT	225	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,580	O	Active Permit		
30-015-36791	COG OPERATING LLC	G J WEST COOP UNIT	228	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,492	O	Active Permit		
30-015-36392	COG OPERATING LLC	G J WEST COOP UNIT	200	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,462	O	Active Permit		
30-015-36703	COG OPERATING, LLC	G J WEST COOP UNIT	210	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,451	O	Active Permit		
30-015-36702	COG OPERATING LLC	G J WEST COOP UNIT	217	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,464	O	Active Permit		
30-015-36704	COG OPERATING LLC	G J WEST COOP UNIT	206	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,460	O	Active Permit		
30-015-36701	COG OPERATING LLC	G J WEST COOP UNIT	222	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO			5,454	O	Active Permit		
30-015-36938	COG OPERATING LLC	G J WEST COOP UNIT	236	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,500	O	Active Permit		
30-015-36937	COG OPERATING LLC	G J WEST COOP UNIT	238	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,505	O	Active Permit		
	COG				S:16,								

30-015-36936	OPERATING LLC	G J WEST COOP UNIT	243	EDDY	T:17S, R:29E	EMPIRE (YESO)	YESO		5,500	O	Active Permit		
30-015-36935	OPERATING LLC	G J WEST COOP UNIT	241	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,504	O	Active Permit		
30-015-36993	OPERATING LLC	G J WEST COOP UNIT	219	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,501	O	Active Permit	Jun 2009	Oct 2009
30-015-36994	OPERATING LLC	G J WEST COOP UNIT	237	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,500	O	Active Permit	Jun 2009	Oct 2009
30-015-36999	OPERATING LLC	G J WEST COOP UNIT	214	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,543	O	Active Permit	May 2009	Oct 2009
30-015-36799	OPERATING LLC	G J WEST COOP UNIT	225	EDDY	S:16, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			5,580	O	Active Permit		
30-015-36799	OPERATING LLC	G J WEST COOP UNIT	225	EDDY	S:16, T:17S, R:29E	GRAYBURG (JACKSON;SR-Q-G-SA)	JACKSON;SR-Q-G-SA		5,580	O	Active Permit		
30-015-37069	OPERATING LLC	G J WEST COOP UNIT	205	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,503	O	Active Permit	Aug 2009	Oct 2009
30-015-37070	OPERATING LLC	G J WEST COOP UNIT	223	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,550	PO	Active Permit	Aug 2009	Oct 2009
30-015-37071	OPERATING LLC	G J WEST COOP UNIT	229	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,505	U	Active Permit	Jul 2009	Oct 2009
30-015-36936	OPERATING LLC	G J WEST COOP UNIT	243	EDDY	S:16, T:17S, R:29E	GJ:7RVS-QN-GB-GLORIETA-YESO			5,500	O	Active Permit		
30-015-36935	OPERATING LLC	G J WEST COOP UNIT	241	EDDY	S:16, T:17S, R:29E	GJ:7RVS-QN-GB-GLORIETA-YESO			5,504	O	Active Permit		
30-015-36791	OPERATING LLC	G J WEST COOP UNIT	228	EDDY	S:16, T:17S, R:29E	GJ:7RVS-QN-GB-GLORIETA-YESO			5,492	O	Active Permit		
30-015-36937	OPERATING LLC	G J WEST COOP UNIT	238	EDDY	S:16, T:17S, R:29E	GJ:7RVS-QN-GB-GLORIETA-YESO			5,505	O	Active Permit		
30-015-36791	OPERATING LLC	G J WEST COOP UNIT	228	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,492	O	Active Permit	Apr 2009	Oct 2009
30-015-36935	OPERATING LLC	G J WEST COOP UNIT	241	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,504	O	Active Permit	May 2009	Oct 2009
30-015-36936	OPERATING LLC	G J WEST COOP UNIT	243	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,500	O	Active Permit	May 2009	Oct 2009
30-015-36937	OPERATING LLC	G J WEST COOP UNIT	238	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,505	O	Active Permit	May 2009	Oct 2009
30-015-36938	OPERATING LLC	G J WEST COOP UNIT	236	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,500	O	Active Permit	May 2009	Oct 2009
30-015-36799	OPERATING LLC	G J WEST COOP UNIT	225	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,580	O	Active Permit	Mar 2009	Oct 2009
30-015-36936	OPERATING LLC	G J WEST COOP UNIT	243	EDDY	S:16, T:17S, R:29E	EMPIRE (YESO)	YESO		5,500	O	Active Permit		

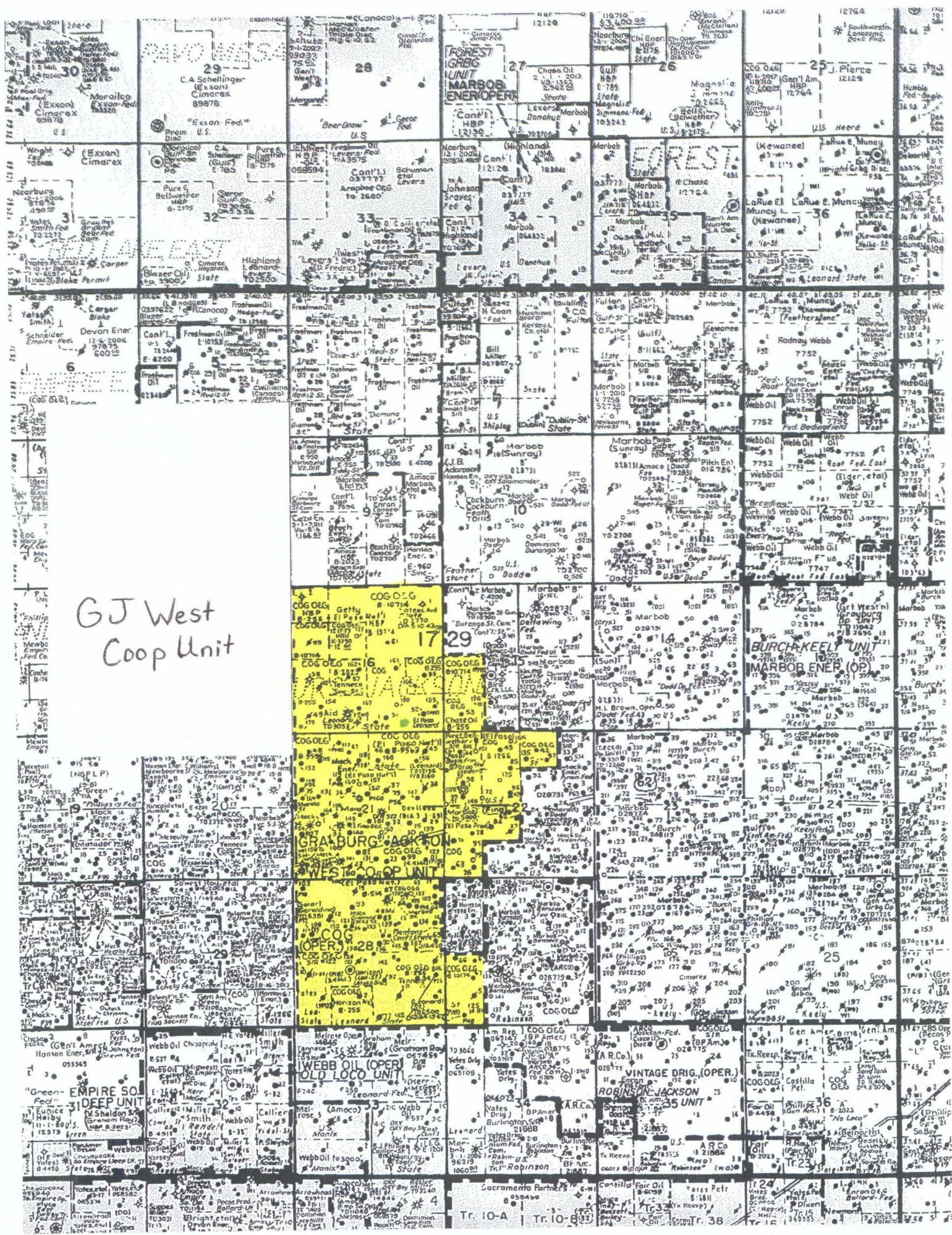
30-015-36790	OPERATING LLC	G J WEST COOP UNIT	202	EDDY	T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,500	O	Active Permit		
30-015-36994	COG OPERATING LLC	G J WEST COOP UNIT	237	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,500	O	Active Permit		
30-015-36993	COG OPERATING LLC	G J WEST COOP UNIT	219	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,501	O	Active Permit		
30-015-36999	COG OPERATING LLC	G J WEST COOP UNIT	214	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,543	O	Active Permit		
30-015-37149	COG OPERATING LLC	G J WEST COOP UNIT	220	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,505	O	Active Permit		
30-015-37177	COG OPERATING LLC	G J WEST COOP UNIT	230	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,506	O	Active Permit	Sep 2009	Oct 2009
30-015-37071	COG OPERATING LLC	G J WEST COOP UNIT	229	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,505	U	Active Permit		
30-015-36790	COG OPERATING LLC	G J WEST COOP UNIT	202	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,500	O	Active Permit	Apr 2009	Oct 2009
30-015-37227	COG OPERATING LLC	G J WEST COOP UNIT	209	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,500	O	Active Permit	Oct 2009	Oct 2009
30-015-37228	COG OPERATING LLC	G J WEST COOP UNIT	218	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37229	COG OPERATING LLC	G J WEST COOP UNIT	226	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit	Oct 2009	Oct 2009
30-015-37230	COG OPERATING LLC	G J WEST COOP UNIT	232	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37287	COG OPERATING LLC	G J WEST COOP UNIT	201	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37291	COG OPERATING LLC	G J WEST COOP UNIT	213	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37288	COG OPERATING LLC	G J WEST COOP UNIT	204	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37289	COG OPERATING LLC	G J WEST COOP UNIT	208	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37290	COG OPERATING LLC	G J WEST COOP UNIT	212	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37292	COG OPERATING LLC	G J WEST COOP UNIT	216	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		
30-015-37069	COG OPERATING LLC	G J WEST COOP UNIT	205	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,503	O	Active Permit		
30-015-37177	COG OPERATING LLC	G J WEST COOP UNIT	230	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,506	O	Active Permit		
	COG				S:16,							

30-015-36938	OPERATING LLC	G J WEST COOP UNIT	236	EDDY	T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,500	O	Active Permit		
30-015-37227	COG OPERATING LLC	G J WEST COOP UNIT	209	EDDY	S:16, T:17S, R:29E	GJ7RVS-QN-GB-GLORIETA-YESO		5,500	O	Active Permit		
30-015-37149	COG OPERATING LLC	G J WEST COOP UNIT	220	EDDY	S:16, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,505	O	Active Permit	Sep 2009	Oct 2009

Offset Wells to G J West Coop Unit #224



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Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Monday, February 08, 2010 2:46 PM
To: 'Robyn Odom'
Subject: GJ West Co-op Unit Well No. 224; NSL Application

Dear Ms. Odom

In addition to the encroachment noted in the referenced application toward the SE/4 NE/4 of Section 16, it appears that this proposed location also encroaches diagonally toward the NE/4 SE/4 of Section 16.

Please advise if working interest ownership in the NE/4 SE/4 is also identical to that in the subject SW/4 NE/4 unit.

Sincerely

David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: Robyn Odom [rododom@conchoresources.com]
Sent: Monday, February 08, 2010 2:49 PM
To: Brooks, David K., EMNRD
Subject: RE: GJ West Co-op Unit Well No. 224; NSL Application

Dear Mr. Brooks,

COG does own the offset acreage of the NE/4 SE/4 of Section 16. Please let me know if you need any more information in the approval of this application.

Thank you,

Robyn Odom
(432) 685-4385

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From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Monday, February 08, 2010 3:46 PM
To: Robyn Odom
Subject: GJ West Co-op Unit Well No. 224; NSL Application

Dear Ms. Odom

In addition to the encroachment noted in the referenced application toward the SE/4 NE/4 of Section 16, it appears that this proposed location also encroaches diagonally toward the NE/4 SE/4 of Section 16.

Please advise if working interest ownership in the NE/4 SE/4 is also identical to that in the subject SW/4 NE/4 unit.

Sincerely

David K. Brooks
Legal Examiner

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