

DATE 1.21.11	SUSPENSE	ENGINEER DICB	LOGGED IN 1.21.11	TYPE NSL	APP NO. 1102151648
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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

Continental St. #5

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]

6326

Eddy

State

[1] TYPE OF APPLICATION - Check Those Which Apply for [A]

- [A] Location - Spacing Unit - Simultaneous Dedication
☒ NSL ☐ NSP ☐ SD

Check One Only for [B] or [C]

- [B] Commingling - Storage - Measurement
☐ DHC ☐ CTB ☐ PLC ☐ PC ☐ OLS ☐ OLM

- [C] Injection - Disposal - Pressure Increase - Enhanced Oil Recovery
☐ WFX ☐ PMX ☐ SWD ☐ IPI ☐ EOR ☐ PPR

- [D] Other: Specify _____

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 JUN 21 P 1:07

[2] NOTIFICATION REQUIRED TO: - Check Those Which Apply, or ☒ Does Not Apply

INTEREST ARE THE SAME

- [A] ☐ Working, Royalty or Overriding Royalty Interest Owners
 [B] ☐ Offset Operators, Leaseholders or Surface Owner
 [C] ☐ Application is One Which Requires Published Legal Notice
 [D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U.S. Bureau of Land Management - Commissioner of Public Lands, State Land Office
 [E] ☐ For all of the above, Proof of Notification or Publication is Attached, and/or,
 [F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

KELLY J. HOLLY
 Print or Type Name

Kelly
 Signature

PERMITTING TECH
 Title

1-20-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

**Continental State #5
Eddy County, NM**

Grayburg Jackson: SR-Q-G-SA oil well
TD of approximately 5550'

Non-standard Location:
990' FNL & 280' FWL Sec 15, T17S, R29E, Unit D

**This well had to be staked at a non-standard location due to County Road
#214 being too close to well.**

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 COG owns offset acreage.
The acreage we are encroaching is the NE/4 NE/4 and SE/4 NE/4 of Section 16.
Interests are common.**

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	Pool Code	Pool Name
30-015	28509	Grayburg Jackson: SR-Q-G-SA
Property Code	Property Name	Well Number
	CONTINENTAL STATE	5
OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3561'

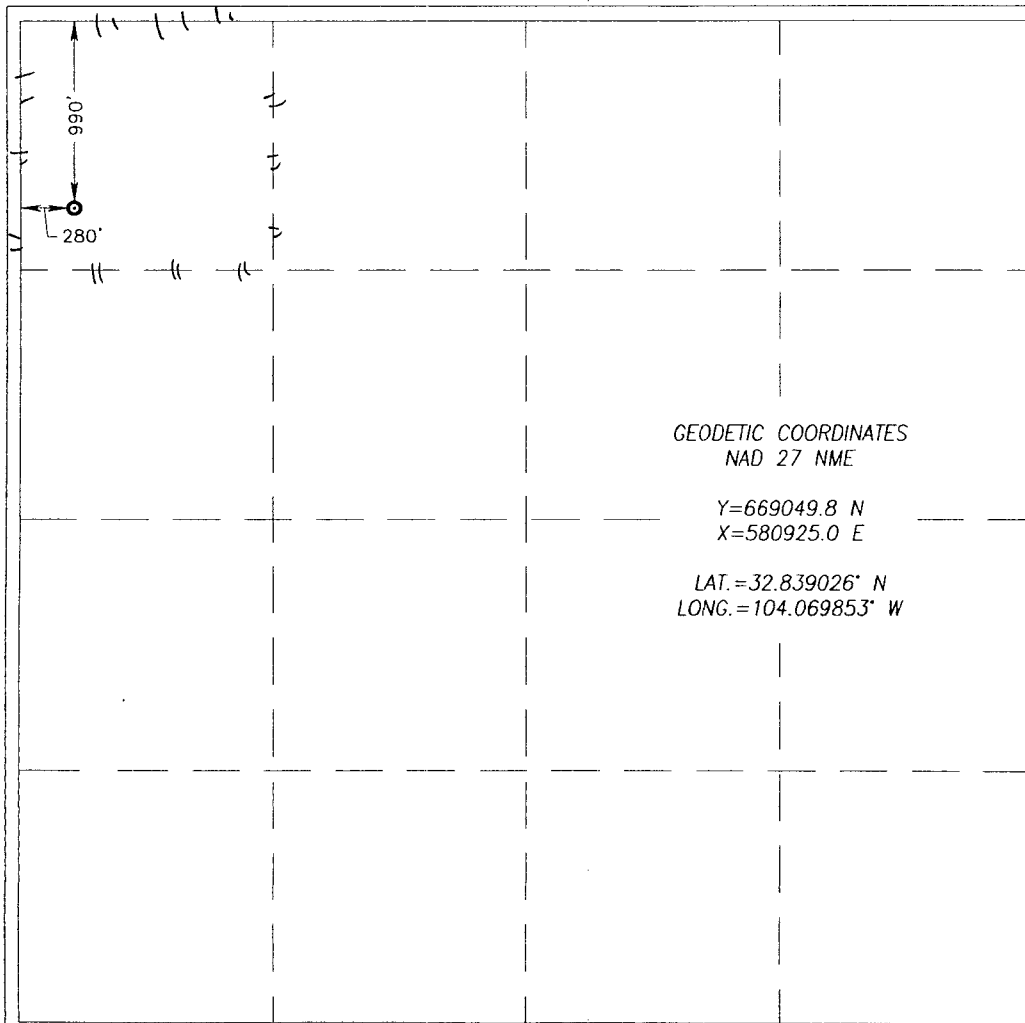
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	15	17-S	29-E		990	NORTH	280	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.						

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.

Kelly J. Holly 1-4-11
Signature Date

Kelly J. Holly
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.

DECEMBER 22, 2010

Date Surveyed
Signature & Seal of Professional Surveyor

DSS

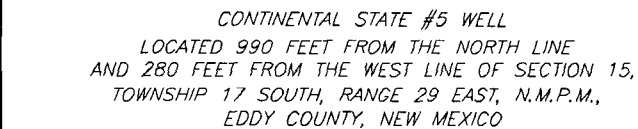
Ronald J. Eidson 01/03/2011
10.11.1869
Certificate No. 3239
RONALD J. EIDSON 12641
3239

EDDY COUNTY

NEW MEXICO



COG OPERATING, LLC



Survey Date: 12/22/10	Sheet 1 of 1 Sheets		
W.O. Number: 10.11.1869	Dr By: DSS	Rev 1:N/A	
Date: 1/2/11		10111869	Scale: 1"=100'

Producing Wells in Sec 15, T17S, R29E Eddy County

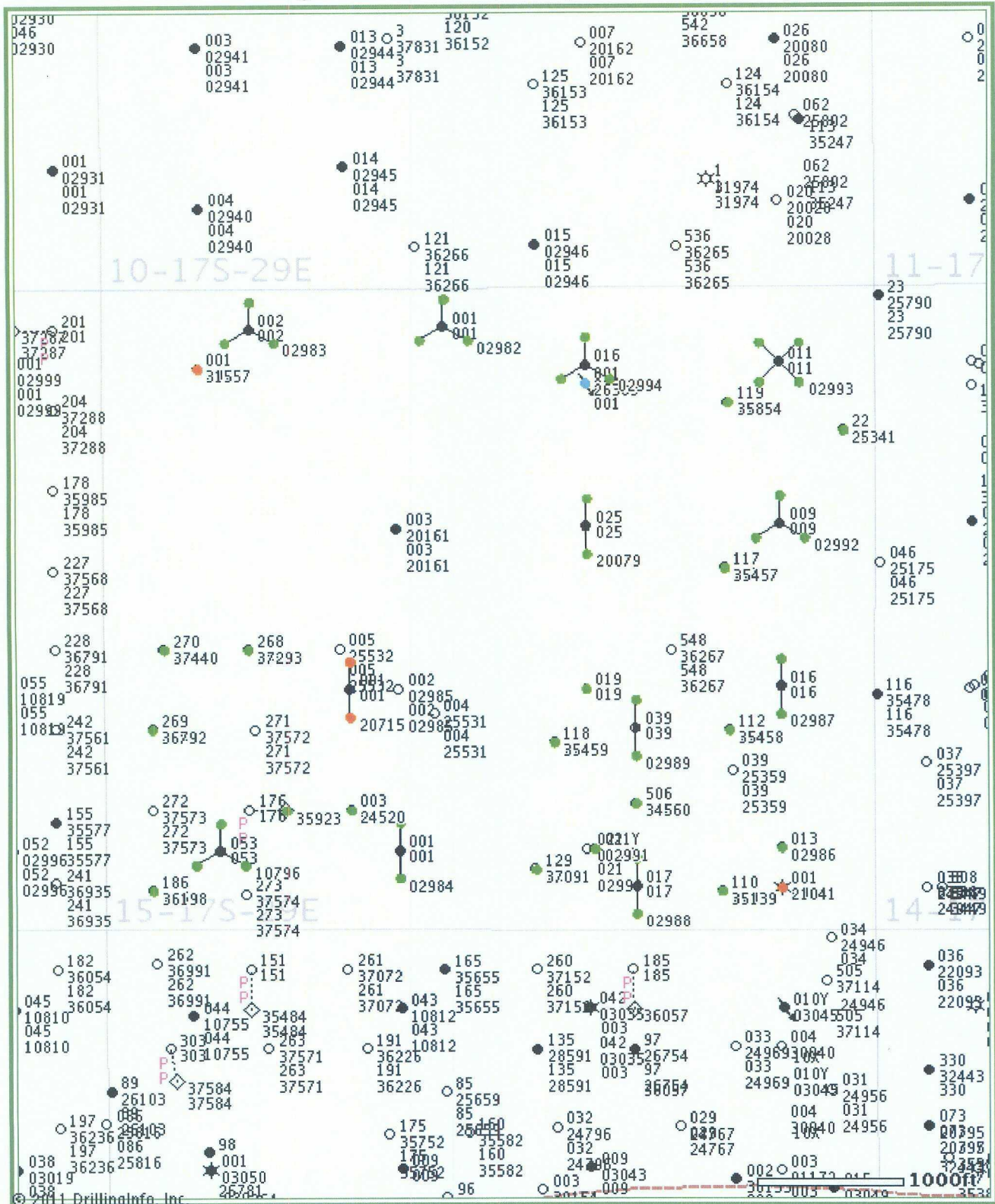
API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-21041	H L BROWN OPERATING, LLC	DODD FEDERAL	001	EDDY	S:15, T:17S, R:29E	0	G	Flowing	Jan 1977	Feb 2002	0.00
30-015-02992	SUNRAY MID CONTINENT OIL CO.	M DODD B FED	009	EDDY	S:15, T:17S, R:29E		O	Active	Jan 1958	Jan 1966	0.00
30-015-02982		CONTINENTAL U STATE	001	EDDY	S:15, T:17S, R:29E	2,690	O	Active	Jul 1958	Sep 1973	0.03
30-015-02982		CONTINENTAL U STATE	001	EDDY	S:15, T:17S, R:29E	2,690	O	Active	Jan 1969	Sep 1973	0.03
30-015-20715		CONOCO STATE COM	001	EDDY	S:15, T:17S, R:29E	11,110	O	Flowing	Jan 1977	May 1977	0.03
30-015-02987	MARBOB ENERGY CORP	M DODD A	016	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Jan 1967	Mar 1976	0.06
30-015-02988	MARBOB ENERGY CORP	M DODD A	017	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Jan 1959	Dec 1977	0.23
30-015-02994	MARBOB ENERGY CORP	M DODD B	016	EDDY	S:15, T:17S, R:29E	0	I	Plugged and Abandoned	Jan 1967	Jun 1967	0.27
30-015-02984	MARBOB ENERGY CORP	CONTINENTAL STATE	001	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Sep 1956	Aug 2010	0.32
30-015-02983		CONTINENTAL U STATE	002	EDDY	S:15, T:17S, R:29E	2,620	O	Active	Jan 1969	Sep 1973	0.50
30-015-02993	MARBOB ENERGY CORP	M DODD B	011	EDDY	S:15, T:17S, R:29E	0	O	Active	Jan 1958	Dec 2001	0.74
30-015-10796	COG OPERATING LLC	G J WEST COOP UNIT	053	EDDY	S:15, T:17S, R:29E	2,900	O	Pumping	Jan 1970	Apr 2007	0.83
30-015-24520	MARBOB ENERGY CORP	CONTINENTAL STATE	003	EDDY	S:15, T:17S, R:29E	3,400	PO	Pumping	Jan 1993	Aug 2010	0.87
30-015-02994	SUNRAY MID CONTINENT OIL CO.	M DODD B FED	016	EDDY	S:15, T:17S, R:29E	0	I	Plugged and Abandoned	Jun 1958	Dec 1966	0.87
30-015-02993	SUNRAY MID CONTINENT OIL CO.	M DODD B FED	011	EDDY	S:15, T:17S, R:29E	0	O	Active	Jan 1958	Dec 1966	0.90
					S:15,						

30-015-02982	CONTINENTAL OIL CO	STATE U 15	001	EDDY	T:17S, R:29E	2,690	O	Active	Jan 1960	Mar 1966	1.10
30-015-02983	CONTINENTAL OIL CO	STATE U 15	002	EDDY	S:15, T:17S, R:29E	2,620	O	Active	Jan 1960	Mar 1966	1.13
30-015-02991	MARBOB ENERGY CORP	M DODD A	021Y	EDDY	S:15, T:17S, R:29E	11,180	O	Pumping	Jan 1993	Jun 2003	1.23
30-015-02986	MARBOB ENERGY CORP	M DODD A	013	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Mar 1956	Aug 2010	1.39
30-015-02987	MARBOB ENERGY CORP	M DODD A	016	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Apr 1956	Aug 2010	1.39
30-015-02988	MARBOB ENERGY CORP	M DODD A	017	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Jul 1956	Aug 2010	1.39
30-015-02983		CONTINENTAL U STATE	002	EDDY	S:15, T:17S, R:29E	2,620	O	Active	May 1959	Dec 1963	1.55
30-015-02984	MARBOB ENERGY CORP	CONTINENTAL STATE	001	EDDY	S:15, T:17S, R:29E	0	O	Pumping	Jan 1967	Dec 1977	1.68
30-015-00000	SUNRAY DX OIL CO.	M DODD A FEDERAL	019	EDDY	S:15, T:17S, R:29E		AP	Unknown	Jan 1965	Dec 1965	2.10
30-015-02993	MARBOB ENERGY CORP	M DODD B	011	EDDY	S:15, T:17S, R:29E	0	O	Active	Jan 1967	Nov 1976	2.17
30-015-10796	COG OPERATING LLC	G J WEST COOP UNIT	053	EDDY	S:15, T:17S, R:29E	2,900	O	Pumping	Jan 2005	Sep 2010	2.53
30-015-20079	MARBOB ENERGY CORP	M DODD B	025	EDDY	S:15, T:17S, R:29E	2,700	O	Pumping	Sep 1967	Jan 1973	3.32
30-015-10796	MACK ENERGY CORP	G J WEST COOP UNIT	053	EDDY	S:15, T:17S, R:29E	2,900	O	Pumping	Jan 1967	Aug 1971	3.74
30-015-02993	SUNRAY MID- CONTINENT OIL COMPANY	DODD B	011	EDDY	S:15, T:17S, R:29E	0	O	Active	Apr 1957	Dec 1957	4.65
30-015-02992		M DODD B	009	EDDY	S:15, T:17S, R:29E		O	Active	Jan 1958	Dec 1959	5.61
30-015-02989	MARBOB ENERGY CORP	M DODD A	039	EDDY	S:15, T:17S, R:29E	0	PI	Injection Well	Jan 1959	Dec 1959	5.77
30-015-37091	MARBOB ENERGY CORP	DODD FEDERAL UNIT	129	EDDY	S:15, T:17S, R:29E	5,000	O	Active Permit	Aug 2010	Aug 2010	6.23
					S:15,						

30-015-02994	MARBOB ENERGY CORP	M DODD B	016	EDDY	T:17S, R:29E		0	I	Plugged and Abandoned	Jun 1958	Dec 1959	6.58
30-015-20079	MARBOB ENERGY CORP	M DODD B	025	EDDY	S:15, T:17S, R:29E		2,700	O	Pumping	Jan 1969	Aug 2010	7.65
30-015-34560	MARBOB ENERGY CORP	DODD FEDERAL UNIT	506	EDDY	S:15, T:17S, R:29E		4,500	PO	Active Permit	Jun 2006	Aug 2010	8.00
30-015-35139	MARBOB ENERGY CORP	DODD FEDERAL UNIT	110	EDDY	S:15, T:17S, R:29E		5,005	O	Active Permit	Apr 2007	Aug 2010	8.00
30-015-35457	MARBOB ENERGY CORP	DODD FEDERAL UNIT	117	EDDY	S:15, T:17S, R:29E		4,480	O	Active Permit	Feb 2008	Aug 2010	8.00
30-015-35459	MARBOB ENERGY CORP	DODD FEDERAL UNIT	118	EDDY	S:15, T:17S, R:29E		4,480	O	Active Permit	Feb 2008	Aug 2010	8.00
30-015-35458	MARBOB ENERGY CORP	DODD FEDERAL UNIT	112	EDDY	S:15, T:17S, R:29E		5,040	O	Active Permit	Sep 2007	Aug 2010	8.00
30-015-35854	MARBOB ENERGY CORP	DODD FEDERAL UNIT	119	EDDY	S:15, T:17S, R:29E		4,467	O	Active Permit	Mar 2008	Aug 2010	8.00
30-015-36198	COG OPERATING LLC	G J WEST COOP UNIT	186	EDDY	S:15, T:17S, R:29E		5,454	O	Active Permit	Jun 2008	Sep 2010	12.00
30-015-36792	COG OPERATING LLC	G J WEST COOP UNIT	269	EDDY	S:15, T:17S, R:29E		5,500	O	Active Permit	May 2009	Sep 2010	12.37
30-015-02992	SUNRAY MID- CONTINENT OIL COMPANY	DODD B	009	EDDY	S:15, T:17S, R:29E			O	Active	Feb 1957	Dec 1957	15.90
30-015-37293	COG OPERATING LLC	G J WEST COOP UNIT	268	EDDY	S:15, T:17S, R:29E		5,508	O	Active Permit	Feb 2010	Sep 2010	23.53
30-015-37440	COG OPERATING LLC	G J WEST COOP UNIT	270	EDDY	S:15, T:17S, R:29E		5,576	O	Active Permit	May 2010	Sep 2010	110.23
30-015-35923	COG OPERATING LLC	G J WEST COOP UNIT	176	EDDY	S:15, T:17S, R:29E		5,555	O	Active	May 2010	Sep 2010	145.23
30-015-02989	MARBOB ENERGY CORP	M DODD A	039	EDDY	S:15, T:17S, R:29E		0	PI	Injection Well	Dec 1956	Dec 1964	
30-015-20715	THREE RIVERS OPERATING COMPANY LLC	CONOCO STATE	001	EDDY	S:15, T:17S, R:29E		11,110	O	Flowing	Jan 1980	Jul 2010	
30-015-25341	MARBOB ENERGY CORP	M DODD B	22	EDDY	S:15, T:17S, R:29E		4,518	O	Pumping	Jan 1993	Aug 2010	

30-015-26309	MARBOB ENERGY CORP	DELTA WING FEDERAL	001	EDDY	T:17S, R:29E	10,950	D	Salt Water Disposal	Jan 2001	Aug 2010	
30-015-31557	MARBOB ENERGY CORP	DURANGO 15 STATE COM	001	EDDY	S:15, T:17S, R:29E	10,900	U	Active	Jan 2005	Aug 2010	

Producing Wells in Sec 15, T17S, R29E Eddy County



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Section 16 is
COG's GJ
West Coop
Unit

Continental State #5
Section 15, T17S-R29E
990' FNL & 280' FWL

GRABURG-ARCO
COG-OP UNIT

COG
OPER. 28

WEBB OIL (OPER)
OLD LOCO UNIT

VINTAGE DRIG. (OPER.)
ROBINSON JACKSON
35 UNIT

COG-OP
Castilla
COG-OP UNIT

Tr. 10-A

Tr. 10-B

Tr. 38

Tr. 16

Tr. 25

Tr. 26

Tr. 43

Tr. 29

Tr. 39

Tr. 37

Tr. 34

Tr. 35

Tr. 20

Tr. 17-A

Tr. 37

Tr. 34

Tr. 35

Tr. 36

Tr. 20

Tr. 17-A

Tr. 37

Tr. 34

Tr. 35

Tr. 36

Tr. 20

Tr. 17-A

Tr. 37

Tr. 34

Tr. 35

Tr. 36

Tr. 20

Tr. 17-A

Tr. 37

Tr. 34

Tr. 35

Tr. 36