

DATE IN 1-22-10	SUSPENSE	ENGINEER Brooks	LOGGED IN 1-22-10	TYPE NSL	APP NO. 1002228896
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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



C 06

GT West #273
6151

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

REGULATORY ANALYST
 Title

1/20/2010
 Date

(432) 685-4385
 Phone Number

rodom@conchoresources.com
 E-mail Address

**G J West Coop Unit #273
Eddy County, NM**

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

Non-standard Location:
300' FSL & 960' FWL Sec 15, T17S, R29E, Unit M

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 NW/4 NW/4 of Section 22.

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 273
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3545'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	15	17-S	29-E		300	SOUTH	960	WEST	EDDY

Bottom Hole Location If Different From Surface

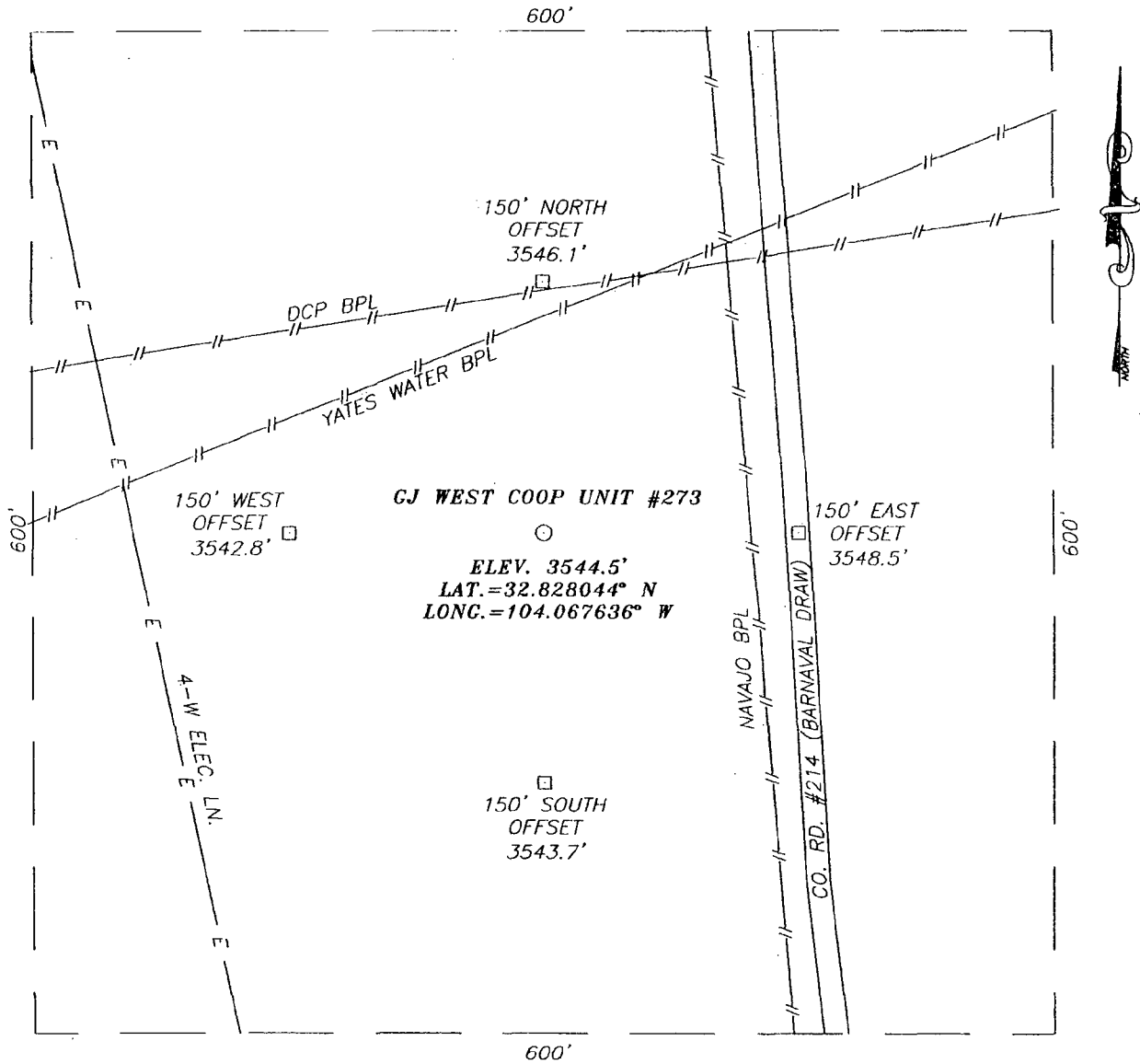
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

	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 Date 1/20/2010 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.
	Date Surveyed: 01/19/2010 Signature & Seal of Professional Surveyor: Certificate No. RONALD EIDSON 3239
	1320-960 = 360 x 360 = 129,600 300 x 300 = 90,000 219,600

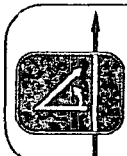
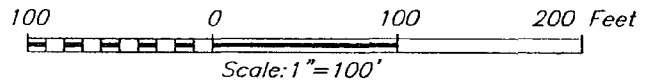
330 x 330 x 2 = 217,800

SECTION 15, 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. #214 (BARBAVAL DRAW), GO NORTH ON
 CO. RD. #214 APPROX. 0.6 MILES. THIS LOCATION
 IS APPROX. 150 FEET WEST OF CO. RD. #214.



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

COG OPERATING, LLC

GJ WEST COOP UNIT #273
 LOCATED 300 FEET FROM THE SOUTH LINE
 AND 960 FEET FROM THE WEST LINE OF SECTION 15,
 TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO.

Survey Date: 1/14/10	Sheet 1 of 1 Sheets
W.O. Number: 09.11.1261	Dr By: LA
Date: 1/18/10	09111261
	Scale: 1"=100'

Offset Wells to G J West Coop Unit #273

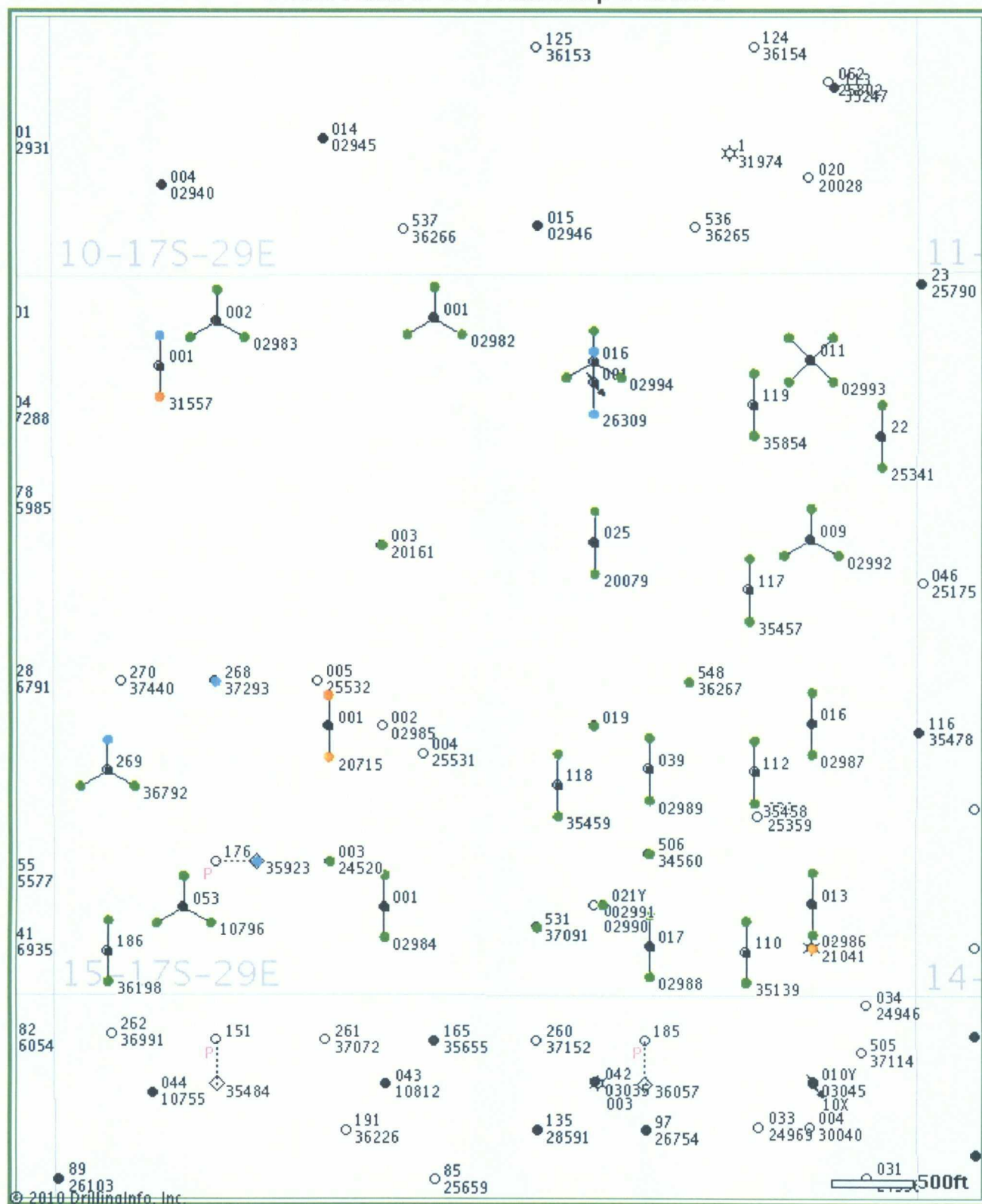
API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-015-02984	MARBOB ENERGY CORP	CONTINENTAL STATE	001	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Sep 1956	Oct 2009
30-015-02984	MARBOB ENERGY CORP	CONTINENTAL STATE	001	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping	Jan 1967	Dec 1977
30-015-02986	MARBOB ENERGY CORP	M DODD A	013	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping		
30-015-02986	MARBOB ENERGY CORP	M DODD A	013	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Mar 1956	Oct 2009
30-015-02987	MARBOB ENERGY CORP	M DODD A	016	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Apr 1956	Oct 2009
30-015-02987	MARBOB ENERGY CORP	M DODD A	016	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping	Jan 1967	Mar 1976
30-015-02988	MARBOB ENERGY CORP	M DODD A	017	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping	Jan 1959	Dec 1977
30-015-02988	MARBOB ENERGY CORP	M DODD A	017	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Jul 1956	Oct 2009
30-015-02989	MARBOB ENERGY CORP	M DODD A	039	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	PI	Injection Well	Dec 1956	Dec 1964
30-015-02989	MARBOB ENERGY CORP	M DODD A	039	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	PI	Injection Well	Jan 1959	Dec 1959
30-015-02991	MARBOB ENERGY CORP	M DODD A	021Y	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	11,180	O	Pumping	Jan 1993	Jun 2003
30-015-02993	MARBOB ENERGY CORP	M DODD B	011	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Active	Jan 1958	Dec 2001
30-015-02993	MARBOB ENERGY CORP	M DODD B	011	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Active	Jan 1967	Nov 1976
30-015-02994	MARBOB ENERGY CORP	M DODD B	016	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	0	I	Plugged and Abandoned	Jun 1958	Dec 1959
30-015-02994	MARBOB ENERGY CORP	M DODD B	016	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	I	Plugged and Abandoned	Jan 1967	Jun 1967
30-015-10796	COG OPERATING LLC	G J WEST COOP UNIT	053	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,900	O	Pumping	Jan 1970	Apr 2007
30-015-10796	MACK ENERGY CORP	G J WEST COOP UNIT	053	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,900	O	Pumping	Jan 1967	Aug 1971
30-015-20079	MARBOB ENERGY CORP	M DODD B	025	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		2,700	O	Pumping	Sep 1967	Jan 1973
	MARBOB				S:15, T:17S,							

30-015-20079	ENERGY CORP CHESAPEAKE OPERATING, INC.	M DODD B	025	EDDY	R 29E S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,700	O	Pumping	Jan 1969	Oct 2009
30-015-20715		CONOCO STATE	001	EDDY	S:15, T:17S, R:29E	GRAYBURG	UPPER PENN	11,110	O	Flowing	Jan 1980	Oct 2009
30-015-21041	H L BROWN OPERATING, LLC	DODD FEDERAL	001	EDDY	S:15, T:17S, R:29E	GRAYBURG	MORROW (GAS)	0	G	Flowing	Jan 1977	Feb 2002
30-015-24520	MARBOB ENERGY CORP	CONTINENTAL STATE	003	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	3,400	PO	Pumping	Jan 1993	Oct 2009
30-015-25341	MARBOB ENERGY CORP	M DODD B	22	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	4,518	O	Pumping	Jan 1993	Oct 2009
30-015-26309	MARBOB ENERGY CORP	DELTA WING FEDERAL	001	EDDY	S:15, T:17S, R:29E	SWD	UPPER PENN	10,950	D	Salt Water Disposal	Jan 2001	Oct 2009
30-015-26309	MARBOB ENERGY CORP	DELTA WING FEDERAL	001	EDDY	S:15, T:17S, R:29E	GRAYBURG	MORROW (GAS)	10,950	D	Salt Water Disposal		
30-015-31557	MARBOB ENERGY CORP	DURANGO 15 STATE COM	001	EDDY	S:15, T:17S, R:29E	SWD, CISCO		10,900	U	Active		
30-015-02982		CONTINENTAL U STATE	001	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,690	O	Active	Jul 1958	Sep 1973
30-015-02982		CONTINENTAL U STATE	001	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)	SR-Q-G-SA	2,690	O	Active	Jan 1969	Sep 1973
30-015-02983		CONTINENTAL U STATE	002	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,620	O	Active	May 1959	Dec 1963
30-015-02983		CONTINENTAL U STATE	002	EDDY	S:15, T:17S, R:29E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)	SR-Q-G-SA	2,620	O	Active	Jan 1969	Sep 1973
30-015-20161		CONTINENTAL U STATE	003	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA	2,700	O	Active		
30-015-02992		M DODD B	009	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		O	Active	Jan 1958	Dec 1959
30-015-20715		CONOCO STATE COM	001	EDDY	S:15, T:17S, R:29E	GRAYBURG	ATOKA, NORTH (GAS)	11,110	O	Flowing	Jan 1977	May 1977
30-015-02992	SUNRAY MID- CONTINENT OIL COMPANY	DODD B	009	EDDY	S:15, T:17S, R:29E	ANDERSON POOL			O	Active	Feb 1957	Dec 1957
30-015-02993	SUNRAY MID- CONTINENT OIL COMPANY	DODD B	011	EDDY	S:15, T:17S, R:29E	ANDERSON POOL		0	O	Active	Apr 1957	Dec 1957
30-015-02992	SUNRAY MID CONTINENT OIL CO.	M DODD B FED	009	EDDY	S:15, T:17S, R:29E	SQUARE LAKE	CANYON		O	Active	Jan 1958	Jan 1966
30-015-02993	SUNRAY MID CONTINENT OIL CO.	M DODD B FED	011	EDDY	S:15, T:17S, R:29E	SQUARE LAKE	CANYON	0	O	Active	Jan 1958	Dec 1966
30-015-02994	SUNRAY MID CONTINENT OIL CO.	M DODD B FED	016	EDDY	S:15, T:17S, R:29E	SQUARE LAKE	CANYON	0	I	Plugged and Abandoned	Jun 1958	Dec 1966
30-015-02982	CONTINENTAL OIL CO	STATE U 15	001	EDDY	S:15, T:17S, R:29E	SQUARE LAKE GRAYBURG		2,690	O	Active	Jan 1960	Mar 1966

30-015-02983	CONTINENTAL OIL CO	STATE U 15	002	EDDY	S:15, T:17S, R:29E	SQUARE LAKE GRAYBURG			2,620	O	Active		Jan 1960	Mar 1966
30-015-34560	MARBOB ENERGY CORP	DODD FEDERAL UNIT	506	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		4,500	PO	Active Permit		Jun 2006	Oct 2009
30-015-35139	MARBOB ENERGY CORP	DODD FEDERAL UNIT	110	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		5,005	O	Active Permit		Apr 2007	Oct 2009
30-015-00000	SUNRAY DX OIL CO.	M DODD A FEDERAL UNIT	019	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON QUEEN SA CTD				AP	Unknown		Jan 1965	Dec 1965
30-015-35457	MARBOB ENERGY CORP	DODD FEDERAL UNIT	117	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		4,480	O	Active Permit		Feb 2008	Oct 2009
30-015-35459	MARBOB ENERGY CORP	DODD FEDERAL UNIT	118	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		4,480	O	Active Permit		Feb 2008	Oct 2009
30-015-35458	MARBOB ENERGY CORP	DODD FEDERAL UNIT	112	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		5,040	O	Active Permit		Sep 2007	Oct 2009
30-015-10796	COG OPERATING LLC	G J WEST COOP UNIT	053	EDDY	S:15, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			2,900	O	Pumping		Jan 2005	Oct 2009
30-015-35458	MARBOB ENERGY CORPORATION	DODD FEDERAL UNIT	112	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			5,040	O	Active Permit			
30-015-35854	MARBOB ENERGY CORP	DODD FEDERAL UNIT	119	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		4,467	O	Active Permit		Mar 2008	Oct 2009
30-015-35923	COG OPERATING LLC	G J WEST COOP UNIT	176	EDDY	S:15, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,550	PO	Active			
30-015-31557	MARBOB ENERGY CORP	DURANGO 15 STATE COM	001	EDDY	S:15, T:17S, R:29E	SWD	CISCO		10,900	U	Active		Jan 2005	Oct 2009
30-015-35139	MARBOB ENERGY CORP	DODD FEDERAL UNIT	110	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			5,005	O	Active Permit			
30-015-35457	MARBOB ENERGY CORPORATION	DODD FEDERAL UNIT	117	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			4,480	O	Active Permit			
30-015-35459	MARBOB ENERGY CORP	DODD FEDERAL UNIT	118	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			4,480	O	Active Permit			
30-015-36198	COG OPERATING LLC	G J WEST COOP UNIT	186	EDDY	S:15, T:17S, R:29E	WC GJ(7RVS-QN-GB-SA)GL-Y(PADDOCK)			5,454	O	Active Permit		Jun 2008	Oct 2009
30-015-36267	MARBOB ENERGY CORP	DODD FEDERAL UNIT	548	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON	SR-Q-G-SA		5,000	PO	Active Permit			
30-015-25341	MARBOB ENERGY CORP	DODD FEDERAL UNIT	22	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			4,518	O	Pumping			
30-015-35854	MARBOB ENERGY CORP	DODD FEDERAL UNIT	119	EDDY	S:15, T:17S, R:29E	GRAYBURG JACKSON;SR-Q-G-SA			4,467	O	Active Permit			
30-015-36198	COG OPERATING LLC	G J WEST COOP UNIT	186	EDDY	S:15, T:17S, R:29E	GJ:7RVS-QN-GB-GLORIETA-YESO			5,454	O	Active Permit			
30-015-36198	COG				S:15,									

30-015-36792	OPERATING LLC	G J WEST COOP UNIT	269	EDDY	T:17S, R:29E	EMPIRE (YESO)	YESO	5,500	O	Active Permit		
30-015-37091	MARBOB ENERGY CORP COG OPERATING LLC	DODD FEDERAL UNIT	531	EDDY	S:15, T:17S, R:29E	GRAYBURG (JACKSON;SR-Q-G-SA)	JACKSON;SR-Q-G-SA	5,000	PO	Active Permit		
30-015-36792	COG OPERATING LLC	G J WEST COOP UNIT	269	EDDY	S:15, T:17S, R:29E	GJ:7RVS-QN-GB-GLORIETA-YESO		5,500	O	Active Permit		
30-015-36792	COG OPERATING LLC	G J WEST COOP UNIT	269	EDDY	S:15, T:17S, R:29E	WC GJ:7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,500	O	Active Permit	May 2009	Oct 2009
30-015-37293	COG OPERATING LLC	G J WEST COOP UNIT	268	EDDY	S:15, T:17S, R:29E	WC GJ:7RVS-QN-GB-SA)GL-Y(PADDOCK)		5,550	PO	Active Permit		

Offset Wells to G J West Coop Unit #273



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