

DATE IN 3-9-10	SUSPENSE	ENGINEER DB	LOGGED IN 3-9-10	TYPE NSL	PTG-11 APP NO. 1006857766
----------------	----------	-------------	------------------	----------	------------------------------

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)

willow State #10

ADMINISTRATIVE APPLICATION CHECKLIST

30-05-37622

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]

Eddy
6169

[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 OGD
200 MAR -9 A 11:49

[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

3/8/10
Date

(432) 685-4385
Phone Number

rododm@conchoresources.com
E-mail Address

**Willow State #10
Eddy County, NM**

Fren; Glorieta-Yeso oil well
TD of approximately 6700'

Non-Standard Location:
2310' FSL & 1055' FEL Sec 16, T17S, R31E, Unit I

This well had to be drilled at a non-standard location due to pipelines.

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 similar to the

Willow State #8
330 FSL & 1650 FEL, Section 16, T17S, R31E, UL O
completed in March 2006

The Willow State #8 completion broke the Yeso up into 3 Yeso perf/stimulation intervals. Willow State #8 has perms from: 4901.5' – 5845.5' with acid and frac stimulations.

1st interval: 4901.5' - 5152.5'
acidized w/ 3500 gals,
frac w/ 96,348 gals gel, 8000# LiteProp, & 92,240# 16/30 sand.

2nd interval: 5380.5' – 5544'
acidized w/ 2550 gals,
frac w/ 83,000 gals gel, 8006# LiteProp, & 91,740# 16/30 white sand.

3rd interval: 5650' – 5845.5'
acidized w/ 2265 gals
frac w/ 84,663 gals gel, 8000# LiteProp, & 90,560# 16/30 white sand.

**Attachment 1
Plat and Map**

**Attachment 2
Map & legend of offset wells.**

**Attachment 3
Updated land plat showing COG Operating LLC acreage.
The acreage we are encroaching on is the NW/4 SE/4 and the SW/4 NE/4 of
Section 16.
Proof of notification to the offset operator attached.**

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
12310 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
12310 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 30-015-37622	Pool Code 26770	Pool Name FREN; GLORIETA-YESO
Property Code 302587	Property Name WILLOW STATE	Well Number 10
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3850'

Surface Location

UL or lot No. 1	Section 16	Township 17-S	Range 31-E	Lot Idn	Feet from the 2310	North/South line SOUTH	Feet from the 1055	East/West line EAST	County EDDY
--------------------	---------------	------------------	---------------	---------	-----------------------	---------------------------	-----------------------	------------------------	----------------

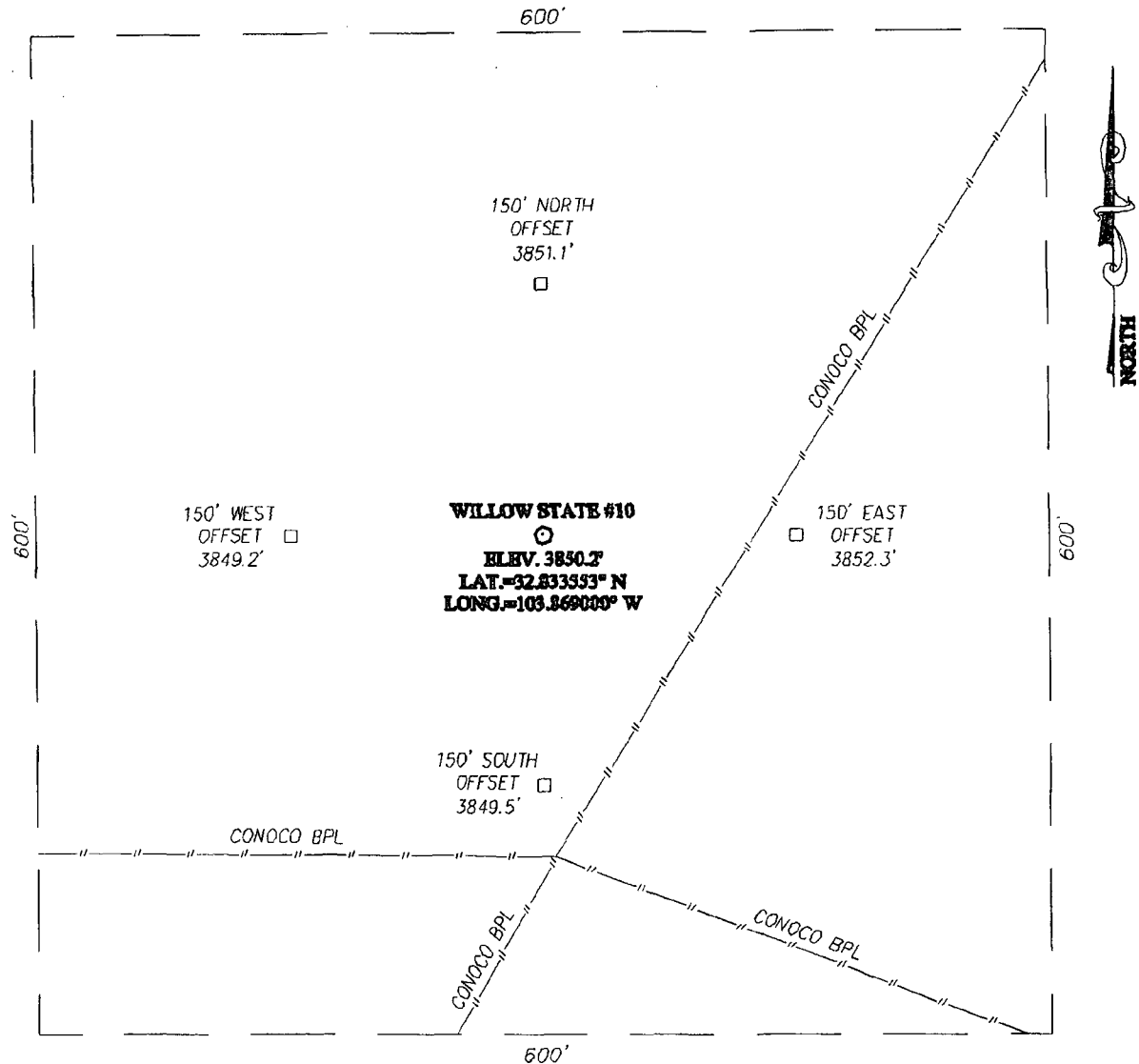
Bottom Hole Location If Different From Surface

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

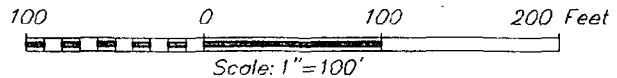
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=667271.0 N X=642624.1 E LAT.=32.833553° N LONG.=103.869000° W S.L. 1055' 2310'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working 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> 2/8/2010 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. FEBRUARY 11 2010 Date Surveyed Signature & Seal of Professional Surveyor 12641 DSS Gary G. Eidson 2/4/10 REG. 09-11-12921 Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239
---	---

SECTION 16, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #223 (SWEET GUM RD.), GO NORTH ON CO. RD. #223 APPROX. 1.3 MILES. TURN RIGHT AND GO EAST APPROX. 0.3 MILES. THIS LOCATION STAKE IS APPROX. 675 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

WILLOW STATE #10 WELL
 LOCATED 2310 FEET FROM THE SOUTH LINE
 AND 1055 FEET FROM THE EAST LINE OF SECTION 16,
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO

Survey Date: 02/01/10	Sheet 1 of 1 Sheets
W.O. Number: 09.11.1292	Dr By: DSS
Date: 02/03/10	09111292
	Scale: 1"=100'

Offset Wells to Willow State #10

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-015-05163	WISER OIL CO (THE)	STATE AZ	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,547	O	Pumping	Jan 1959	Dec 1977
30-015-05163	FOREST OIL CORPORATION	STATE AZ	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,547	O	Pumping	Jan 1947	Nov 2009
30-015-05165	KERSEY & COMPANY	MACY	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Active	Jan 1954	Sep 2009
30-015-05167	KERSEY & COMPANY	MACY	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Active	Jan 1951	Sep 2009
30-015-05168	WISER OIL CO (THE)	STATE A	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,630	O	Active	Jan 1967	Dec 1977
30-015-05168	FOREST OIL CORPORATION	STATE A	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,630	O	Active	Jan 1947	Nov 2009
30-015-05169	FOREST OIL CORPORATION	STATE A	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,585	O	Active	Jan 1947	Nov 2009
30-015-05169	WISER OIL CO (THE)	STATE A	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,585	O	Active	Jan 1967	Dec 1977
30-015-05170	WISER OIL CO (THE)	STATE B	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,680	O	Pumping	Jan 1967	Dec 1977
30-015-05170	FOREST OIL CORPORATION	STATE B	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,680	O	Pumping	Jan 1947	Nov 2009
30-015-05171	FOREST OIL CORPORATION	STATE B	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Temporarily Abandoned	Jan 1947	Nov 2009
30-015-05171	WISER OIL CO (THE)	STATE B	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Temporarily Abandoned	Jan 1954	Dec 1977
30-015-05172	WISER OIL CO (THE)	STATE B	003	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Shut-in	Jan 1947	Dec 2002
30-015-05172	WISER OIL CO (THE)	STATE B	003	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Shut-in	Jan 1954	Dec 1977
30-015-05173	FOREST OIL CORPORATION	STATE B	004	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,782	O	Shut-in	Apr 1961	Nov 2009
30-015-05173	WISER OIL CO (THE)	STATE B	004	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,782	O	Shut-in	Jan 1967	Dec 1977
30-015-05175	FOREST OIL CORPORATION	STATE AZ	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Jan 1954	Nov 2009
30-015-05177	KERSEY & COMPANY	STATE W K	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Pumping	Jan 1954	Dec 1977

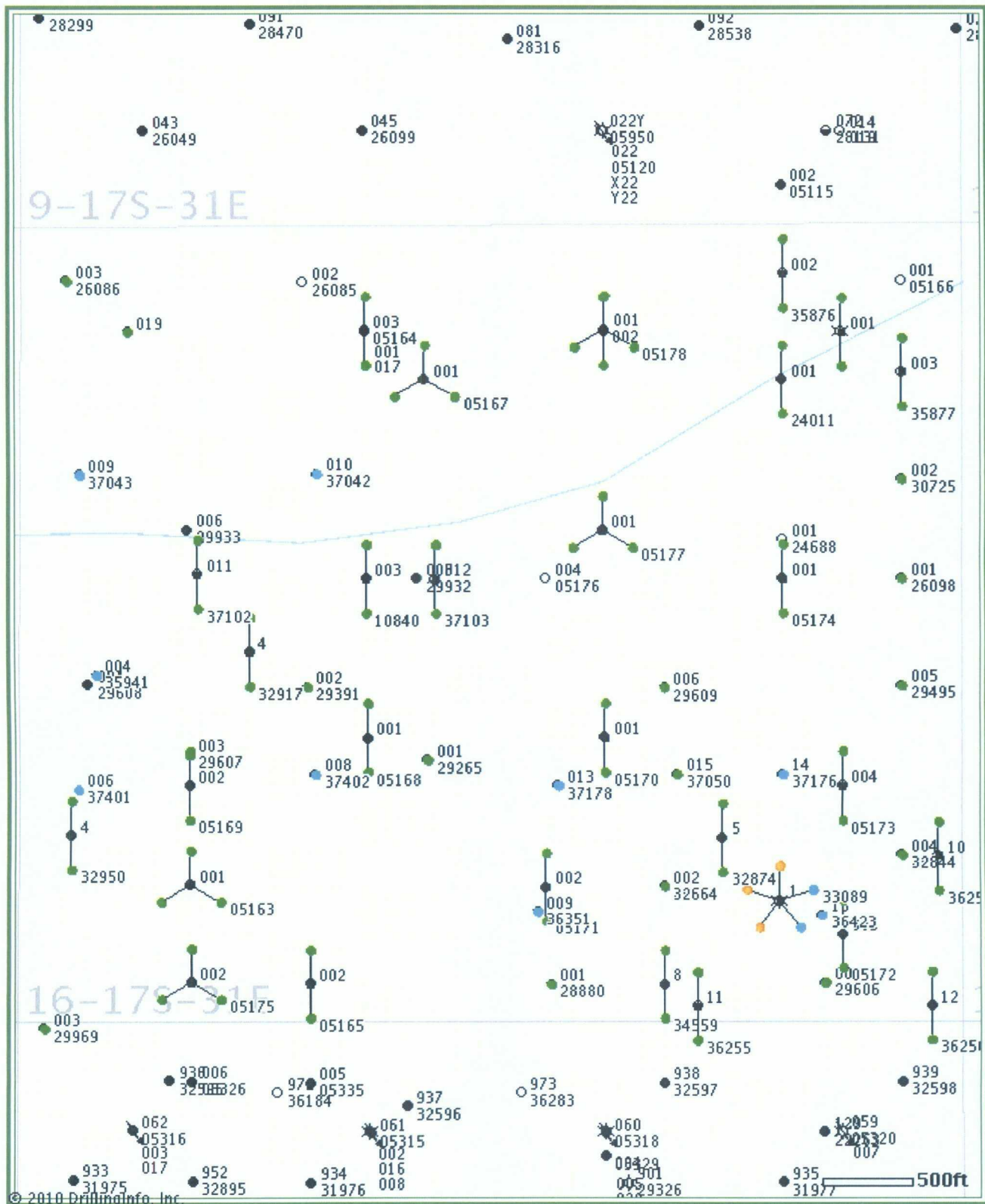
30-015-05177	KERSEY & COMPANY	STATE W K	001	EDDY	T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Pumping	Jan 1950	Mar 2009
30-015-05178	TRITEX RESOURCES, L.L.C.	KERSEY STATE	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,780	O	Pumping	Jan 1949	Nov 2009
30-015-05178	RAY WESTALL	KERSEY STATE	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		3,780	O	Pumping	Jan 1972	Apr 1974
30-015-10840	WISER OIL CO (THE)	STATE A	003	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)		0	O	Active	Jan 1967	Dec 1977
30-015-10840	FOREST OIL CORPORATION	STATE A	003	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	0	O	Active	Jan 1969	Nov 2009
30-015-24011	COG OPERATING LLC	CHOCTAW STATE	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,600	O	Active	Apr 1982	Nov 2009
30-015-26086	TRITEX RESOURCES, L.L.C.	KERSEY STATE	003	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,667	PO	Pumping	May 1989	Nov 2009
30-015-26098	MARBOB ENERGY CORP	FORAN STATE	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,832	O	Pumping	Mar 1950	Feb 2000
30-015-28880	COG OPERATING LLC	WILLOW STATE	001	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	8,990	O	Pumping	Jun 1996	Nov 2009
30-015-29265	COG OPERATING LLC	YUCCA STATE	001	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,435	O	Pumping	Jan 1954	Nov 2009
30-015-29391	COG OPERATING LLC	YUCCA STATE	002	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,502	O	Pumping	Nov 1997	Nov 2009
30-015-29495	COG OPERATING LLC	WILLOW STATE	005	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	8,700	O	Pumping	Jun 1997	Nov 2009
30-015-29606	COG OPERATING LLC	WILLOW STATE	003	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,507	O	Pumping	Oct 1997	Nov 2009
30-015-29607	COG OPERATING LLC	YUCCA STATE	003	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,518	O	Pumping	Aug 1997	Nov 2009
30-015-29609	COG OPERATING LLC	WILLOW STATE	006	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,460	O	Pumping	Nov 1997	Nov 2009
30-015-29969	FOREST OIL CORPORATION	STATE AZ	003	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA	3,759	O	Pumping	May 1998	Jul 2009
30-015-30725	MARBOB ENERGY CORP	FORAN STATE	002	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,530	O	Pumping	Oct 1999	Nov 2009
30-015-32664	COG OPERATING LLC	WILLOW STATE	002	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	6,505	O	Active	May 2003	Nov 2009
30-015-32844	COG OPERATING LLC	WILLOW STATE	004	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK	5,405	O	Active	Jul 2003	Nov 2009
30-015-00000		SHELL	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JKSN SR-Q-G-SA(DO NOT USE)	SR-Q-G-SA		G	Active	Jan 1967	Dec 1967

30-015-00000		SHELL	001	EDDY	T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA		G	Active		Mar 1961	Jan 1969
30-015-05178		STATE W K	001	EDDY	S:16, T:17S, R:31E	FREN		SEVEN RIVERS	3,780	O	Pumping			
30-015-05174		MOBIL STATE	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA	3,739	O	Active		Jan 1961	Feb 1979
30-015-33089	MARBOB ENERGY CORP			EDDY	S:16, T:17S, R:31E	FREN		CISCO-CANYON (O)	12,200	G	Active			
30-015-33089	OXY USA WTP LIMITED PARTNERSHIP	OXY SPUMONI STATE	1	EDDY	S:16, T:17S, R:31E	FREN		MORROW	12,200	G	Active			
30-015-33089	MARBOB ENERGY CORP	OXY SPUMONI STATE	1	EDDY	S:16, T:17S, R:31E	FREN; CISCO-CANYON			12,200	G	Active			
30-015-32874	FOREST OIL CORPORATION	STATE B	5	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA	3,900	O	Active		May 2004	Nov 2009
30-015-32950	FOREST OIL CORPORATION	STATE AZ	4	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA	3,800	O	Active		May 2004	Nov 2009
30-015-32917	FOREST OIL CORPORATION	STATE A	4	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA	4,000	O	Active		May 2004	Nov 2009
30-015-05165	KERSEY ET AL	MACY	002	EDDY	S:16, T:17S, R:31E	FRENN			0	O	Active		Apr 1949	Dec 1971
30-015-05175	PACIFIC WESTERN OIL CORP.	STATE E	002	EDDY	S:16, T:17S, R:31E	FREN		MORROW	0	O	Pumping		Aug 1949	Dec 1965
30-015-05167	KERSEY & CO.	STATE B	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA	0	O	Active		Feb 1947	Dec 1965
30-015-00000	RANDEL O.H.	STATE B	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA		O	Active		Jan 1947	Dec 1957
30-015-00000	KERSEY AND CO	W K STATE	002	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON		SR-Q-G-SA		O	Active		Jan 1958	Dec 1971
30-015-00000	randel, o. h.	State B	001	EDDY	S:16, T:17S, R:31E	grayburg jackson pool				O	Active		Jan 1951	Dec 1953
30-015-00000	KERSEY & CO.	STATE	017	EDDY	S:16, T:17S, R:31E	GRAYBURG-JACKSON POOL				O	Active		Oct 1952	Dec 1956
30-015-24011	MURCHINSON & CLOSUIT	STATE C	001	EDDY	S:16, T:17S, R:31E	GRAYBURG-JACKSON POOL			3,600	O	Active		Mar 1949	Nov 1949
30-015-00000	KERSEY & COMPANY	STATE B	019	EDDY	S:16, T:17S, R:31E	GRAYBURG-JACKSON POOL				O	Active		Jan 1956	Dec 1956
30-015-05174	MURCHISON & CLOSUIT	STATE C	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON OIL			3,739	O	Active		Mar 1947	Aug 1948
30-015-05177	RANDEL, O.H.	STATE B	001	EDDY	S:16, T:17S, R:31E	GRYBURG JACKSON			0	O	Pumping		Jan 1947	Dec 1957
	GEN AMERICAN				S:16,									

30-015-05163	OIL CO OF TEXAS	STATE E	001	EDDY	T:17S, R:31E	GRAYBURG JACKSON QUEEN S A			3,547	O	Pumping	Jan 1948	Dec 1965
30-015-05167	KERSEY & COMPANY	MACY TALMADGE	001	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA		0	O	Active	Jan 1957	Dec 1957
30-015-05175	GETTY OIL COMPANY	STATE AZ	002	EDDY	S:16, T:17S, R:31E	FREN 7 RIVRS			0	O	Pumping	Jan 1971	Dec 1971
30-015-34559	COG OPERATING LLC	WILLOW STATE	8	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK		6,310	O	Active Permit	Mar 2006	Nov 2009
30-015-33089	OXY USA LIMITED PARTNERSHIP	OXY SPUMONI STATE	1	EDDY	S:16, T:17S, R:31E	UNDSG FREN MORROW			12,200	G	Active		
30-015-35877	COG OPERATING LLC	CHOCTAW STATE	003	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK		6,625	O	Active Permit	Apr 2008	Nov 2009
30-015-35876	COG OPERATING LLC	CHOCTAW STATE	002	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK		6,610	O	Active Permit	Dec 2007	Nov 2009
30-015-33089	MARBOB ENERGY CORP	OXY SPUMONI STATE	1	EDDY	S:16, T:17S, R:31E	SWD	UPPER PENN		12,200	G	Active	Jan 2005	Nov 2009
30-015-35941	COG OPERATING LLC	YUCCA STATE	004	EDDY	S:16, T:17S, R:31E	FREN	PADDOCK		6,400	PO	Active Permit		
30-015-34559	COG OPERATING LLC	WILLOW STATE	8	EDDY	S:16, T:17S, R:31E	FREN:PADDOCK			6,310	O	Active Permit		
30-015-35876	COG OPERATING LLC	CHOCTAW STATE	002	EDDY	S:16, T:17S, R:31E	FERN; GLORIETA-YESO 26770			6,610	O	Active Permit		
30-015-36254	FOREST OIL CORPORATION	FOC B STATE	10	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA		4,075	O	Active Permit	Sep 2008	Nov 2009
30-015-36255	FOREST OIL CORPORATION	FOC B STATE	11	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA		4,040	O	Active Permit	Aug 2008	Nov 2009
30-015-36256	FOREST OIL CORPORATION	FOC B STATE	12	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON	SR-Q-G-SA		4,030	O	Active Permit	Aug 2008	Jul 2009
30-015-35877	COG OPERATING LLC	CHOCTAW STATE	003	EDDY	S:16, T:17S, R:31E	FERN; GLORIETA-YESO			6,625	O	Active Permit		
30-015-36423	FOREST OIL CORPORATION	STATE B	13	EDDY	S:16, T:17S, R:31E	GRAYBURG (JACKSON;SR-Q-G-SA)	JACKSON;SR-Q-G-SA		4,100	PI	Active Permit		
30-015-36351	COG OPERATING LLC	WILLOW STATE	009	EDDY	S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK			PO	Active Permit		
30-015-36255	FOREST OIL CORPORATION	FOC B STATE	11	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON;SR-Q-G-SA			4,040	O	Active Permit		
30-015-36254	FOREST OIL CORPORATION	FOC B STATE	10	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON;SR-Q-G SA			4,075	O	Active Permit		
30-015-36256	FOREST OIL CORPORATION	FOC B STATE	12	EDDY	S:16, T:17S, R:31E	GRAYBURG JACKSON;SR-Q-G-SA			4,030	O	Active Permit		

30-015-37043	COG OPERATING LLC	YUCCA STATE	009	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,600	PO	Active Permit		
30-015-37042	COG OPERATING LLC	YUCCA STATE	010	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,600	PO	Active Permit		
30-015-37050	COG OPERATING LLC	WILLOW STATE	015	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,600	PO	Active Permit	Sep 2009	Nov 2009
30-015-37102	COG OPERATING LLC	YUCCA STATE	011	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,615	O	Active Permit	Nov 2009	Nov 2009
30-015-37103	COG OPERATING LLC	YUCCA STATE	012	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,600	O	Active Permit	Sep 2009	Nov 2009
30-015-37178	COG OPERATING LLC	WILLOW STATE	013	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,800	PO	Active Permit		
30-015-37176	COG OPERATING LLC	WILLOW STATE	14	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,800	PO	Active Permit		
30-015-32874	THE WISER OIL COMPANY	STATE "B"	5	EDDY	T:17S, R:31E S:16, T:17S, R:31E	GRAYBURG JACKSON;SR-Q-G-SA		3,900	O	Active		
30-015-37103	COG OPERATING LLC	YUCCA STATE	012	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN; GLORIETA-YESO		6,600	O	Active Permit		
30-015-37401	COG OPERATING LLC	YUCCA STATE	006	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,900	PO	Active Permit		
30-015-37402	COG OPERATING LLC	YUCCA STATE	008	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN (PADDOCK)	PADDOCK	6,900	PO	Active Permit		
30-015-32917	THE WISER OIL COMPANY	STATE "A"	4	EDDY	T:17S, R:31E S:16, T:17S, R:31E	GRAYBURG JACKSON;SR-Q-G-SA		4,000	O	Active		
30-015-32950	THE WISER OIL COMPANY	STATE "AZ"	4	EDDY	T:17S, R:31E S:16, T:17S, R:31E	GRAYBURG JACKSON;SR-Q-G-SA		3,800	O	Active		
30-015-37102	COG OPERATING LLC	YUCCA STATE	011	EDDY	T:17S, R:31E S:16, T:17S, R:31E	FREN; GLORIETA-YESO		6,615	O	Active Permit		

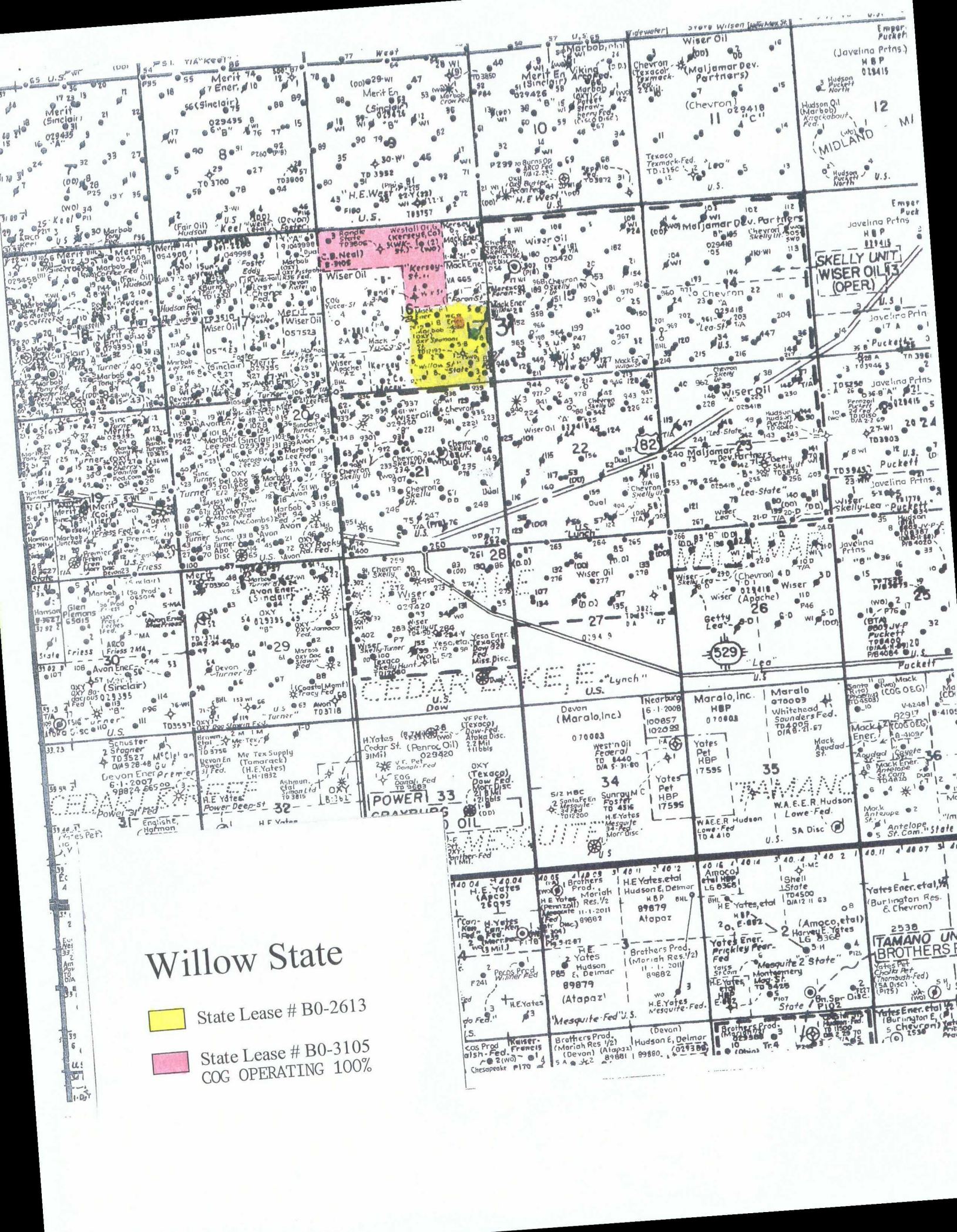
Offset Wells to Willow State #10



© 2009 Drilling Info, Inc. All rights reserved. All data and information is provided "As Is" and subject to the subscription agreement.

Willow State

-  State Lease # B0-2613
-  State Lease # B0-3105
COG OPERATING 100%



SENDER: COMPLETE THIS SECTION

- ☒ Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- ☒ Print your name and address on the reverse so that we can return the card to you.
- ☒ Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

SANDRIDGE EXPLORATION AND
PRODUCTION, LLC
123 ROBERT S. KERR AVE.
OKLAHOMA CITY, OK 73102-6406

2. Article Number
(Transfer from service label)

7009 2250 0000 0942 4216

PS Form 3811, February 2004

Domestic Return Receipt

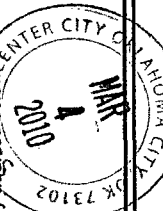
102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature [Signature] ☒ Agent ☐ Addressee

B. Received by (Printed Name) S. Rector C. Date of Delivery 3-6

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:



3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☒ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

**COG OPERATING LLC
550 W. TEXAS, SUITE 1300
MIDLAND, TX 79701**

February 26, 2010

Sandridge Exploration and Production, LLC
123 Robert S. Kerr Ave.
Oklahoma City, OK 73102-6406

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox Maljamar; Yeso, West oil well.

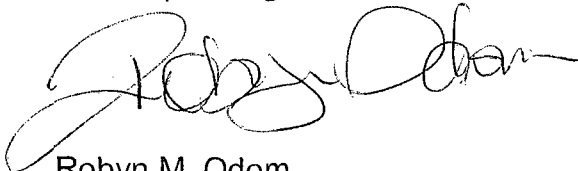
**WILLOW STATE #10
Eddy County, NM**

2310' FSL & 1055' FEL Sec 16, T17S, R31E

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

COG Operating LLC

A handwritten signature in black ink, appearing to read "Robyn M. Odom", written over a horizontal line.

Robyn M. Odom
Regulatory Analyst