

DATE IN 3-11-10	SUSPENSE	ENGINEER DB	LOGGED IN 3-11-10	TYPE NSL	APP NO. 1007044590
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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

Leaker CC State #22

ADMINISTRATIVE APPLICATION CHECKLIST 30-025-39695

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

6173

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 _____

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[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

3/10/10
 Date

(432) 685-4385
 Phone Number

rodom@conchoresources.com
 E-mail Address

**Leaker CC State #22
Lea County, NM**

COG proposes to drill a **VERTICAL** NE/4, 40 acre spacing
Maljamar; Yeso, West oil well
TD of approximately 7000'

Location:

405' FNL & 1505' FEL Sec 16, T17S, R32E, Unit B

This well had to be drilled at a non-standard location due to buried 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 very similar to the J C Federal #9 (1650' FNL & 1650' FEL, Section 22, T17S, R32E, UL G) which was completed in October 2007.

The J C Federal #9 completion has Yeso perms from 5478' – 6535', divided into 3 perf/stimulation intervals.

1st interval: 5478' – 5840',
acidized w/ 3000 gals,
frac'd w/ 42,294 gals 40# linear gel; 38,096 gal 30# linear gel; 7,382# LiteProp; 22,049# 16/30 white; 21,873# SiberProp resin coated; Flush w/5,292 gal linear gel.

2nd interval: 6055' – 6255',
acidized w/ 5342 gals,
frac'd w/ 50,048# gal gel & 61,612 gals 16/30 sand.

3rd interval: 6335' – 6535',
acidized w/ 5000 gals,
frac'd w/ 49,601# gal gel & 45,586 gals 16/30 sand.

Attachment 1

Plat & map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing COG Operating LLC acreage.
The acreage we are encroaching is the NE/4 NE/4 of Section 16 and the SE/4 SE/4 of Section 9.

Proof of notifications to the offset operators 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

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102

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

DISTRICT II
1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION
11885 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

DISTRICT III
1000 RIO BRAZOS RD., AZTEC, NM 87410

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-025-39695	Pool Code 44500	Pool Name MALJAMAR; YESO, WEST
Property Code 302516	Property Name LEAKER CC STATE	Well Number 22
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4082'

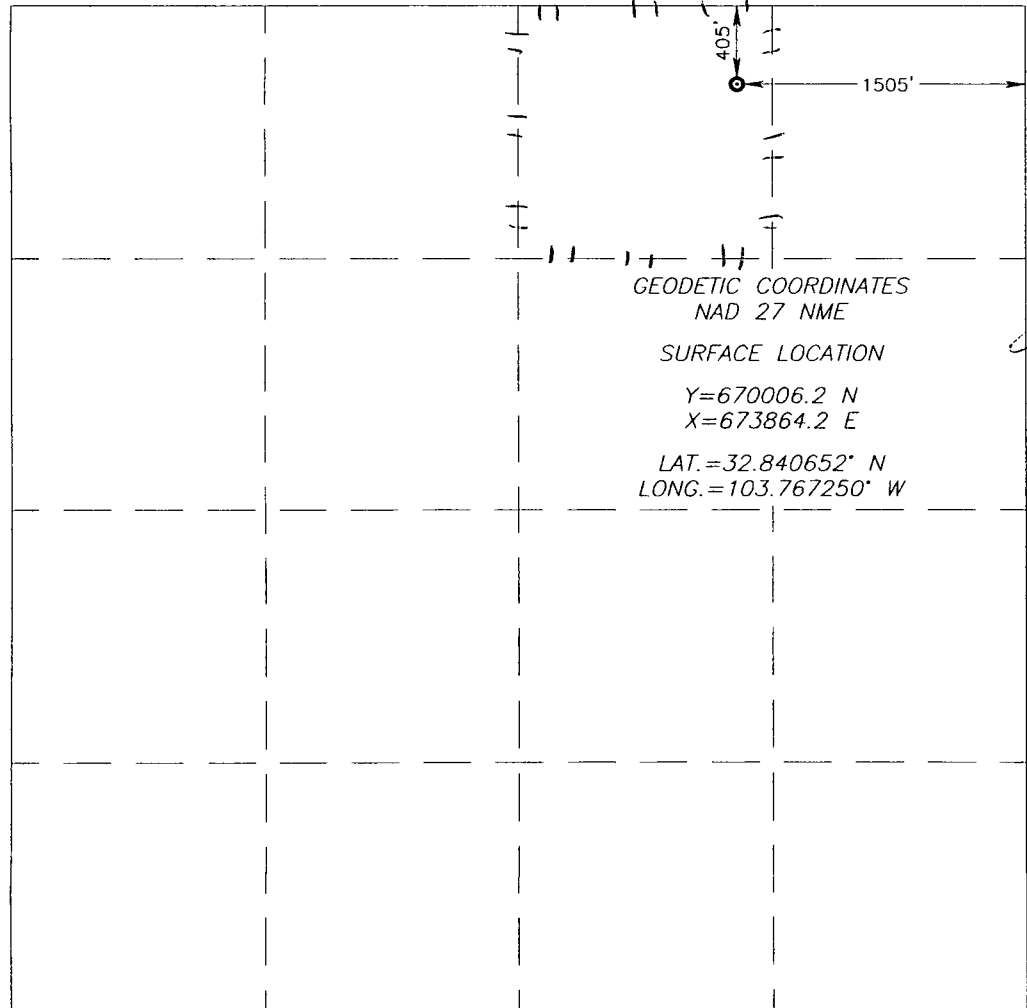
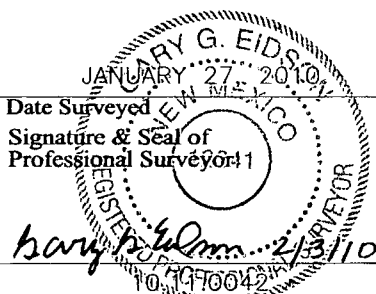
Surface Location

UL or lot No. B	Section 16	Township 17-S	Range 32-E	Lot Idn	Feet from the 405	North/South line NORTH	Feet from the 1505	East/West line EAST	County LEA
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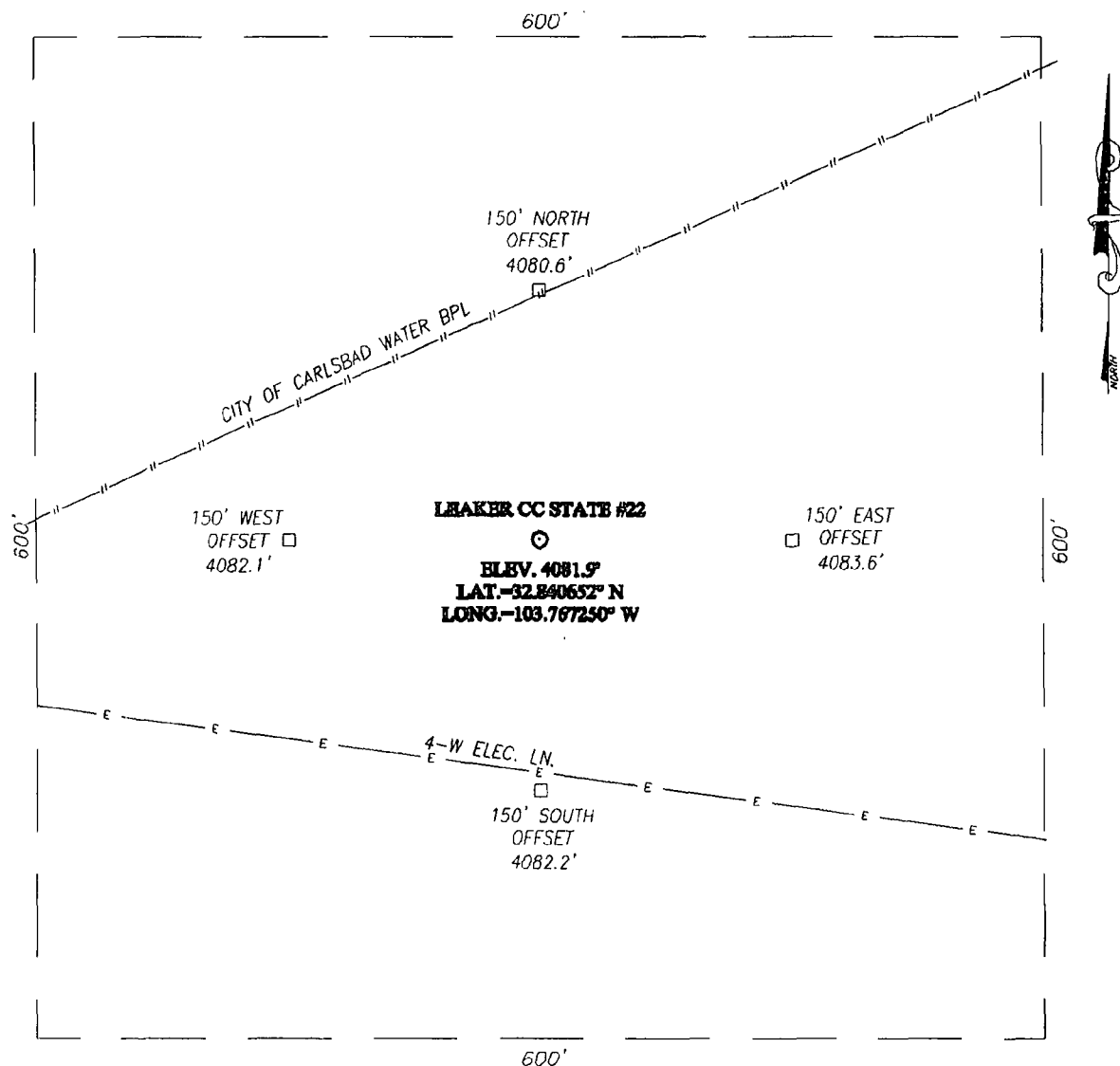
Bottom Hole Location If Different From Surface

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=670006.2 N X=673864.2 E LAT.=32.840652° N LONG.=103.767250° 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.  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.  Date Surveyed Signature & Seal of Professional Surveyor Certificate No. GARY G. EIDSON 12641 RONALD J. EIDSON 3239
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SECTION 16, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

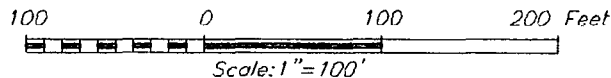
FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #L126 (MALJAMAR ROAD), GO SOUTH ON MALJAMAR RD. APPROX. 1.4 MILES. TURN RIGHT AND GO WEST APPROX. 0.3 MILES. TURN RIGHT AND GO NORTH APPROX. 0.3 MILES TO THE EXISTING COG OPERATING, LLC LEAKER CC STATE #11 WELL. THIS LOCATION STAKE IS APPROX. 650 FEET EAST OF EXISTING WELL.



PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117



COG OPERATING, LLC

LEAKER CC STATE #22 WELL
LOCATED 405 FEET FROM THE NORTH LINE
AND 1505 FEET FROM THE EAST LINE OF SECTION 16,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 01/27/10 Sheet 1 of 1 Sheets

W.O. Number: 10.11.0042 Dr By: DSS Rev 1:

Date: 01/29/10 10110042 Scale: 1"=100'

Offset Wells to Leaker CC State #22

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-025-00566	COG OPERATING LLC	LEAKER CC	002	LEA	S:16, T:17S, R:32E	MALJAMAR	QUEEN (GAS)		G	Pumping	Jan 1957	Nov 2009
30-025-00567	CONOCOPHILLIPS COMPANY	MCA UNIT	011	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,125	PO	Temporarily Abandoned	Jan 1973	Dec 1976
30-025-00567	CONOCOPHILLIPS COMPANY	MCA UNIT	011	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,125	PO	Temporarily Abandoned	Jan 1977	Aug 1996
30-025-00569	MACK ENERGY CORP	LEAKER CC	003	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,318	O	Pumping		
30-025-00569	MACK ENERGY CORP	LEAKER CC	003	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,318	O	Pumping		
30-025-00569	COG OPERATING LLC	LEAKER CC	003	LEA	S:16, T:17S, R:32E	BAISH	YATES	4,318	O	Pumping	Sep 2002	Nov 2009
30-025-00570	MACK ENERGY CORP	LEAKER CC	004	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,293	O	Pumping	Jan 1973	Dec 1976
30-025-00570	COG OPERATING LLC	LEAKER CC	004	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,293	O	Pumping	Jan 1977	Nov 2009
30-025-00571	MACK ENERGY CORP	LEAKER CC	005	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,224	O	Pumping	Jan 1973	Dec 1976
30-025-00571	COG OPERATING LLC	LEAKER CC	005	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,224	O	Pumping	Jan 1977	Nov 2009
30-025-00572	MACK ENERGY CORP	LEAKER CC	006	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,196	I	Pumping		
30-025-00572	MACK ENERGY CORP	LEAKER CC	006	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,196	I	Pumping		
30-025-00573	MACK ENERGY CORP	LEAKER CC	008	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,080	O	Pumping	Jan 1973	Dec 1976
30-025-00573	COG OPERATING LLC	LEAKER CC	008	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,080	O	Pumping	Jan 1977	Nov 2009
30-025-00574	MACK ENERGY CORP	LEAKER CC	007	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,147	O	Pumping	Jan 1963	Dec 1963
30-025-00574	MACK ENERGY CORP	LEAKER CC	007	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,147	O	Pumping	Jul 1993	Oct 2002
30-025-00576	COG OPERATING LLC	EDWARD STATE	002	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1973	Nov 2009
30-025-00577	MACK ENERGY CORP	EDWARD STATE	003	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active	Dec 1991	Sep 1994
30-025-00577	COG OPERATING LLC	EDWARD STATE	003	LEA	S:16, T:17S, R:32E	MALJAMAR	QUEEN (GAS)		G	Active	Feb 1995	Nov 2009

30-025-00579	CONOCOPHILLIPS COMPANY	MCA UNIT	013	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Aug 1977	Nov 2009
30-025-00579	CONOCOPHILLIPS COMPANY	MCA UNIT	013	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)			O	Pumping	Jan 1973	Jul 1976
30-025-00580	CONOCOPHILLIPS COMPANY	MCA UNIT	005	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)			O	Pumping	Jan 1973	Dec 1976
30-025-00580	CONOCOPHILLIPS COMPANY	MCA UNIT	005	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Jan 1977	Nov 2009
30-025-12558	CONOCOPHILLIPS COMPANY	STATE B	007	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Nov 1959	Sep 1996
30-025-30679	MACK ENERGY CORP	LEAKER CC	009	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	6.068	O	Flowing	Jan 1993	Sep 1993
30-025-30679	COG OPERATING LLC	LEAKER CC	009	LEA	S:16, T:17S, R:32E	MALJAMAR	QUEEN (GAS)	6.068	O	Flowing	Jan 1994	Nov 2009
30-025-00578	CONOCO, INC.	MCA UNIT	012	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active	Jul 1969	Jul 1969
30-025-00583	CONOCO, INC.	MCA UNIT	004	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active		
30-025-12747	CONOCO, INC.	MCA UNIT	010	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active		
30-025-00582	CONOCO, INC.	MCA UNIT	003	LEA	S:16, T:17S, R:32E	MALJAMAR GB SA (DO NOT USE)			O	Active		
30-025-12558	CONOCO, INC.	STATE B	007	LEA	S:16, T:17S, R:32E	DRY & ABANDONED			O	Pumping		
30-025-00583		MCA UNIT BATTERY 1	004	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active		
30-025-00582		MCA UNIT BATTERY 1	003	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active		
30-025-00581		STATE O	001	LEA	S:16, T:17S, R:32E	MALJAMAR	QUEEN (GAS)		G	Active	Jan 1963	May 1979
30-025-30679		LEAKER "CC"	009	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	6.068	O	Flowing	Dec 1989	Sep 1993
30-025-00575		GULF STATE E	001	LEA	S:16, T:17S, R:32E	BAISH	YATES	2.662	O	Active	Apr 1956	Dec 1967
30-025-00578		MCA UNIT BATTERY 2	012	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active	Jan 1963	Nov 1965
30-025-12747		MCA UNIT BATTERY 2	010	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active		
					S:16,							

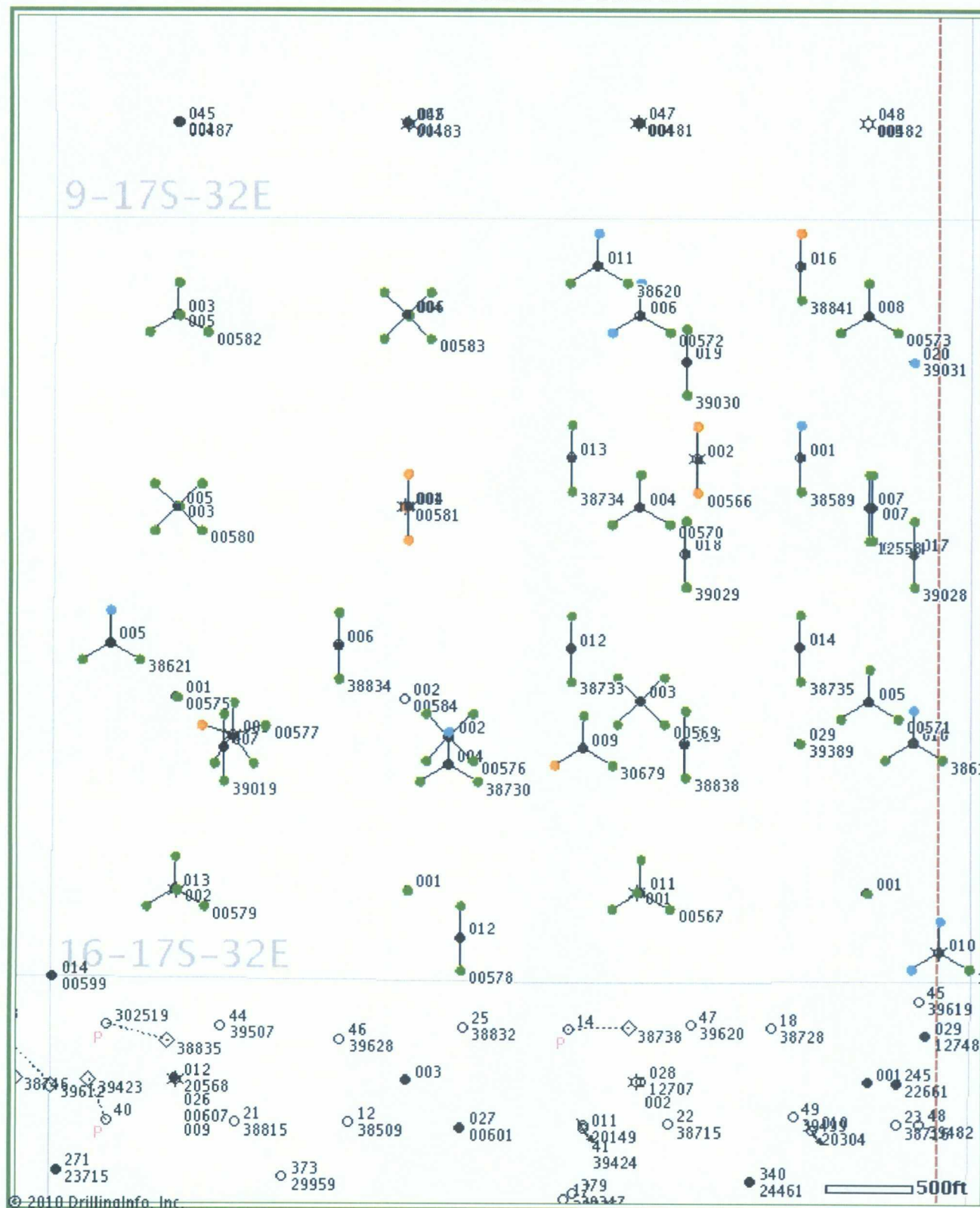
30-025-00576	EDWARD C DONOHUE	GULF STATE	002	LEA	T:17S, R:32E S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Aug 1959	Dec 1969
30-025-00577	EDWARD	GULF STATE	003	LEA	T:17S, R:32E	MALMAJAR			G	Active	Sep 1959	Jul 1969
30-025-00567	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	011	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS		4,125	PO	Temporarily Abandoned	Jan 1963	Dec 1971
30-025-00579	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	013	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS			O	Pumping	Jan 1963	Dec 1971
30-025-00582	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 5	003	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS			O	Active	Jan 1963	May 1964
30-025-00583	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 5	004	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS			O	Active	Jan 1963	Dec 1971
30-025-00580	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 5	005	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS			O	Pumping	Jan 1963	Dec 1971
30-025-12747	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 5	010	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS			G	Active	Jan 1963	Jul 1965
30-025-00569	CONTINENTAL OIL COMPANY	STATE B	003	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS		4,318	O	Pumping	Mar 1959	Aug 1969
30-025-00570	CONTINENTAL OIL COMPANY	STATE B	004	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS		4,293	O	Pumping	May 1959	Dec 1971
30-025-00571	CONTINENTAL OIL COMPANY	STATE B	005	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS		4,224	O	Pumping	Jun 1959	Dec 1971
30-025-00572	CONTINENTAL OIL COMPANY	STATE B	006	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS		4,196	I	Pumping	Jul 1959	Mar 1968
30-025-00573	CONTINENTAL OIL COMPANY	STATE B	008	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESS		4,080	O	Pumping	Nov 1960	Dec 1971
30-025-00000	KEWANEE OIL COMPANY	STATE O	004	LEA	S:16, T:17S, R:32E	MALJAMAR POOL			G	Active	Jan 1954	Dec 1958
30-025-00000	BUFFALO-CONT'D.	STATE A	001	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO-CONT'D.	STATE B	001	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	KEWANEE-CONT'D.	STATE O	001	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Dec 1962
30-025-00000	KEWANEE-CONT'D.	STATE O	002	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	KEWANEE-CONT'D.	STATE O	003	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Dec 1962

30-025-00000	KEWANEE- CONT'D.	STATE O	005	LEA	S:16, T:17S, R:32E	MALJAMAR REPRESSURING POOL				O	Active		Jan 1945	Dec 1962
30-025-00000	KEWANEE- CONT'D.	STATE O	006	LEA	S:16, T:17S, R:32E	MALJAMAR REPR ESSURING POOL				O	Active		May 1945	Dec 1962
30-025-00566	BUFFALO OIL COMPANY	STATE B	002	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES			G	Pumping		Nov 1956	Dec 1971
30-025-00000	KEWANEE OIL COMPANY	STATE O	004	LEA	S:16, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES			G	Active		Jan 1950	Dec 1962
30-025-00576	CONTINENTAL OIL CO	GULF E STATE	002	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA			0	O	Pumping		Jan 1960	Dec 1971
30-025-00577	CONTINENTAL OIL CO	GULF E STATE	003	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG SA				G	Active		Jan 1960	Dec 1960
30-025-00576	DENIUS H R ET AL	WYATT PHILLIPS FED	002	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG			0	O	Pumping		Jan 1962	Dec 1962
30-025-00577	DENIUS H R ET AL	WYATT PHILLIPS FED	003	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG				G	Active		Jan 1962	Dec 1962
30-025-00583	CONTINENTAL OIL CO	MCA UNIT BATTERY 7	004	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG S A REPRESS CTD				O	Active		Jan 1965	Jun 1966
30-025-00580	CONTINENTAL OIL CO	MCA UNIT BATTERY 7	005	LEA	S:16, T:17S, R:32E	MALJAMAR GRAYBURG S A REPRESS CTD				O	Pumping		Jan 1965	Dec 1966
30-025-38589	COG OPERATING LLC	LEAKER CC	001	LEA	S:16, T:17S, R:32E	WILDCAT G-02 S173222E	YESO		7.000	PO	Active Permit			
30-025-38621	COG OPERATING LLC	EDWARD STATE	005	LEA	S:16, T:17S, R:32E	WILDCAT G-02 S173222E	YESO		7.040	O	Active			
30-025-38619	COG OPERATING LLC	LEAKER CC	010	LEA	S:16, T:17S, R:32E	WILDCAT G-02 S173222E	YESO		7.025	O	Active			
30-025-38620	COG OPERATING LLC	LEAKER CC	011	LEA	S:16, T:17S, R:32E	WILDCAT G-02 S173222E	YESO		7.015	O	Active			
30-025-38730	COG OPERATING LLC	EDWARD STATE	004	LEA	S:16, T:17S, R:32E	WILDCAT G-02 S173222E	YESO		7.025	O	Active Permit			
30-025-38733	COG OPERATING LLC	LEAKER CC	012	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK		7.016	O	Active Permit		Jul 2008	Nov 2009
30-025-38734	COG OPERATING LLC	LEAKER CC	013	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK		6.972	O	Active Permit		Jun 2008	Nov 2009
30-025-38735	COG OPERATING LLC	LEAKER CC	014	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK		7.020	O	Active Permit		Sep 2008	Nov 2009
30-025-38834	COG OPERATING LLC	EDWARD STATE	006	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK		7.012	O	Active Permit		Oct 2008	Nov 2009
30-025-38838	COG OPERATING LLC	LEAKER CC	015	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK		7.000	O	Active Permit		Dec 2008	Nov 2009

30-025-38621	COG OPERATING LLC	EDWARD STATE	005	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK				7,040	O	Active		Mar 2008	Nov 2009
30-025-38589	COG OPERATING LLC	LEAKER CC	001	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK				7,000	PO	Active Permit		Jan 2008	Nov 2009
30-025-38619	COG OPERATING LLC	LEAKER CC	010	LEA	S:16, T:17S, R:32E	MALJAMAR	PADDOCK				7,025	O	Active		Apr 2008	Nov 2009
30-025-38619	COG OPERATING LLC	LEAKER CC	010	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,025	O	Active			
30-025-38620	COG OPERATING LLC	LEAKER CC	011	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,015	O	Active			
30-025-38734	COG OPERATING LLC	LEAKER CC	013	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					6,972	O	Active Permit			
30-025-38730	COG OPERATING LLC	EDWARD STATE	004	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,025	O	Active Permit			
30-025-38621	COG OPERATING LLC	EDWARD STATE	005	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,040	O	Active			
30-025-38733	COG OPERATING LLC	LEAKER CC	012	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,016	O	Active Permit			
30-025-38620	COG OPERATING LLC	LEAKER CC	011	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				7,015	O	Active		May 2008	Nov 2009
30-025-38841	COG OPERATING LLC	LEAKER CC	016	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				7,026	O	Active Permit		May 2009	Nov 2009
30-025-39019	COG OPERATING LLC	EDWARD STATE	007	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				6,960	O	Active Permit		Jan 2009	Nov 2009
30-025-39028	COG OPERATING LLC	LEAKER CC	017	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				6,988	O	Active Permit		Feb 2009	Nov 2009
30-025-39029	COG OPERATING LLC	LEAKER CC	018	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				7,025	O	Active Permit		Oct 2009	Nov 2009
30-025-39030	COG OPERATING LLC	LEAKER CC	019	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				7,016	O	Active Permit		Oct 2009	Nov 2009
30-025-39031	COG OPERATING LLC	LEAKER CC	020	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK					PO	Active Permit			
30-025-38730	COG OPERATING LLC	EDWARD STATE	004	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK				7,025	O	Active Permit		Jun 2008	Nov 2009
30-025-38834	COG OPERATING LLC	EDWARD STATE	006	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,012	O	Active Permit			
30-025-38735	COG OPERATING LLC	LEAKER CC	014	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,020	O	Active Permit			
30-025-38838	COG OPERATING LLC	LEAKER CC	015	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST					7,000	O	Active Permit			
	COG OPERATING LLC	LEAKER CC			S:16, T:17S,											

30-025-39028	LLC	STATE	017	LEA	R:32E S:16, T:17S, R:32E	MALJAMAR;YESO, WEST			6,988	O	Active Permit		
30-025-39019	COG OPERATING LLC	EDWARD STATE	007	LEA		MALJAMAR;YESO, WEST			6,960	O	Active Permit		
30-025-39389	COG OPERATING LLC	LEAKER CC	029	LEA	S:16, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK		7,000	PO	Active Permit	Nov 2009	Nov 2009
30-025-38841	COG OPERATING LLC	LEAKER CC STATE	016	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST			7,026	O	Active Permit		
30-025-39029	COG OPERATING LLC	LEAKER CC STATE	018	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST			7,025	O	Active Permit		
30-025-39030	COG OPERATING LLC	LEAKER CC STATE	019	LEA	S:16, T:17S, R:32E	MALJAMAR;YESO, WEST			7,016	O	Active Permit		

Offset Wells to Leaker CC State #22



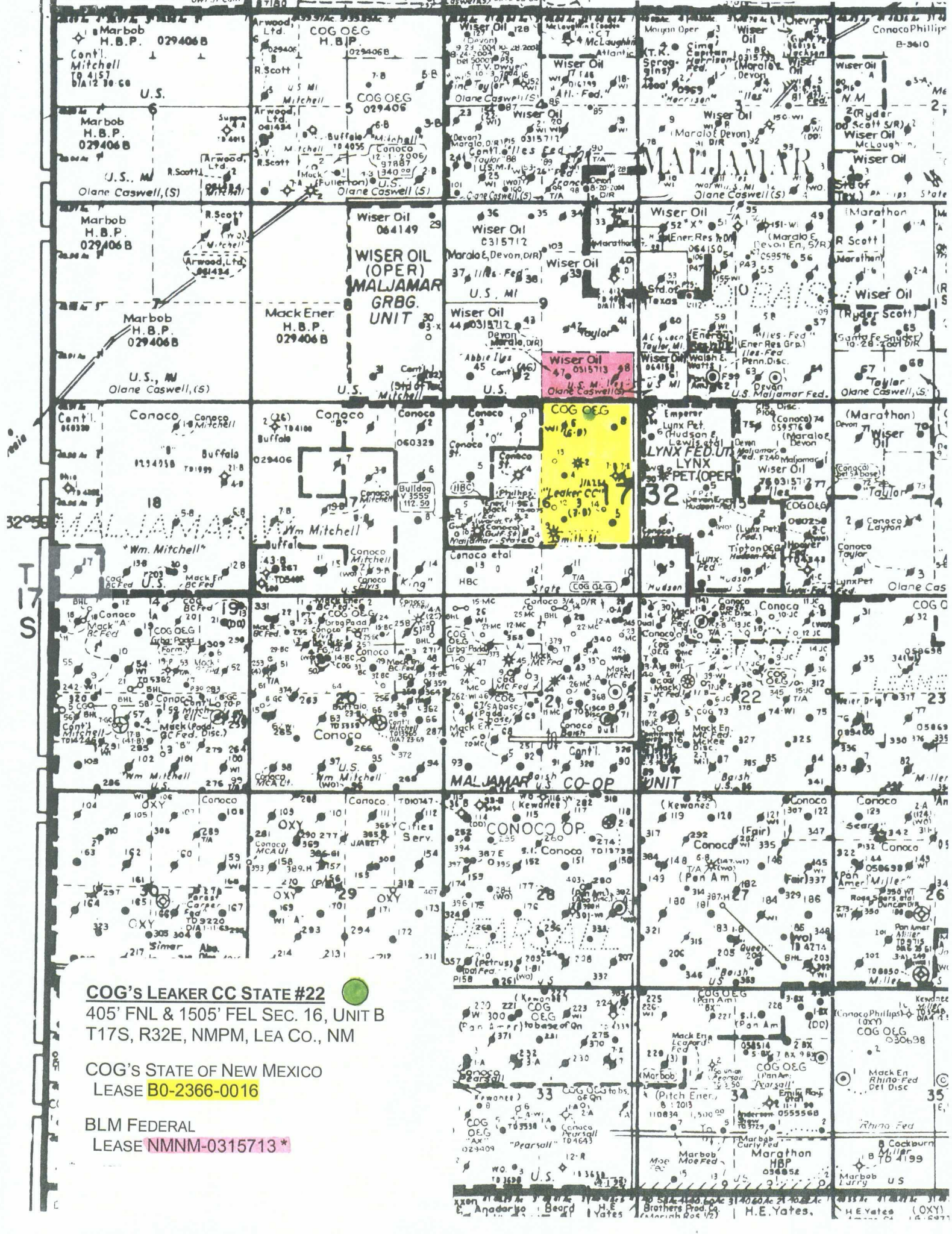
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COG'S LEAKER CC STATE #22

405' FNL & 1505' FEL SEC. 16, UNIT B
T17S, R32E, NMPM, LEA CO., NM

COG'S STATE OF NEW MEXICO
LEASE **B0-2366-0016**

BLM FEDERAL
LEASE **NMNM-0315713 ***



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

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☒ Agent
☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

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

3. Service Type

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

4. Restricted Delivery? (Extra Fee)

☐ Yes

2250 0001 0942 4667

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

February 24, 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.

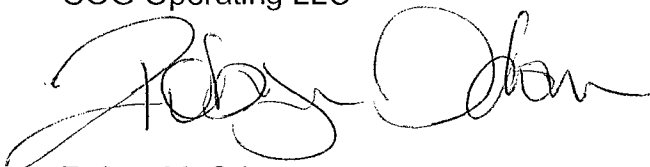
**Leaker CC STATE #22
Lea County, NM**

405' FNL & 1505' FEL Sec 16, T17S, R32E

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

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:

CHEVRON USA
P. O. BOX 4879
HOUSTON, TX 77210-4879

COMPLETE THIS SECTION ON DELIVERY

A. Signature

[Signature] ☐ Agt. ☐ Add.

B. Received by (Printed Name)

C. Date of Del.

Feb 26 2008

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

3. Service Type

- ☒ Certified Mail
- ☐ Registered
- ☐ Insured Mail
- ☐ Express Mail
- ☒ Return Receipt for Merchandise
- ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number

(Transfer from service label)

7009 2250 0001 0942 4674

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

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

March 8, 2010

Chevron USA
P.O. Box 1635
Houston, TX 77251

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.

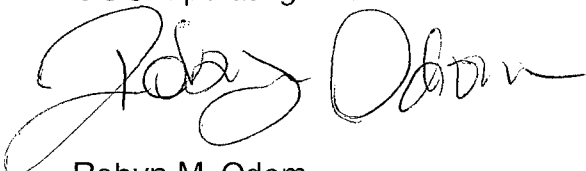
**Leaker CC STATE #22
Lea County, NM**

405' FNL & 1505' FEL Sec 16, T17S, R32E

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 Odom', written over the printed name.

Robyn M. Odom
Regulatory Analyst

Brooks, David K., EMNRD

From: Robyn Odom [rodom@conchoresources.com]
Sent: Friday, March 12, 2010 10:03 AM
To: Brooks, David K., EMNRD
Subject: RE: Leaker CC State #22; NSL Application

Dear Mr. Brooks,

COG is 100% working interest owner of Unit A in Section 16. 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

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From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Friday, March 12, 2010 10:59 AM
To: Robyn Odom
Subject: Leaker CC State #22; NSL Application

Dear Ms. Odom

In this application, it seems you have correctly identified the affected units as Unit A in Section 16 and Unit M in Section 9. Our database shows COG as operator of several wells in Unit A16, and Sandridge as operator of a well in Unit M9. You have duly notified Sandridge. Is COG's working interest ownership in Unit A of Section 16 100%?

Sincerely

David

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