

DATE IN 1/7/10	SUSPENSE	ENGINEER Brooks	LOGGED IN 1/7/10	TYPE NSL	PTGW APP NO. 1000755156
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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



RECEIVED

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6134

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]

J.C. Fedor #56

30-025-39627

Len

[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

1/06/10
Date

(432) 685-4385
Phone Number

rododm@conchoresources.com
E-mail Address

**J C Federal #56
Lea County, NM**

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

Location:

1650' FSL & 1500' FEL Sec 22, T17S, R32E, Unit J

**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.

At this time, we assume the J C Federal #56 should be very similar.

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 is the NE/4 SE/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., BOHBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

1220 SOUTH ST. FRANCIS DR.

Santa Fe, New Mexico 87505

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 30-025-39627	Pool Code 44500	Pool Name <i>under</i> MALJAMAR; YESO, WEST
Property Code 302508	Property Name JC FEDERAL	Well Number 56
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3993'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	22	17-S	32-E		1650	SOUTH	1500	EAST	LEA

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=661521.2 N X=679193.1 E LAT.=32.817251° N LONG.=103.750053° W			OPERATOR CERTIFICATION <i>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> <i>Robyn Odom</i> 1/06/2010 Signature Date Robyn Odom Printed Name
	SURVEYOR CERTIFICATION <i>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> RONALD J. EIDSON SEPTEMBER 28, 2009 Date Surveyed REV. DATE 10/08/09 LA Signature & Seal 8239 Professional Surveyor <i>Ronald J. Eidson</i> 10-08-09 09-11-0812		Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239

3998.1'

600'

3995.0'

LEASE ROAD

DCP BPL

150' NORTH
OFFSET
3994.6'

LEASE ROAD

600'

150' WEST
OFFSET
3993.3'

JC FEDERAL #56

ELEV. 3993.2'

LAT.=32.817251° N

LONG.=103.750053° W

150' EAST
OFFSET
3993.5'

600'

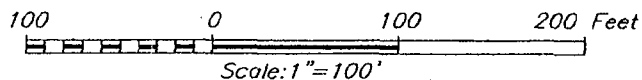
CONOCO BPL

150' SOUTH
OFFSET
3993.3'

3992.6'

3990.9'

NORTH



JC FEDERAL #56 WELL
LOCATED 1650 FEET FROM THE SOUTH LINE
AND 1500 FEET FROM THE EAST LINE OF SECTION 22,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 9/28/09	Sheet 1 of 1 Sheets		
W.O. Number: 09.11.0812	Dr By: LA	Rev 1:N/A	
Date: 10/7/09		09110812	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 J C Federal #56

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
30-025-34795	MACK ENERGY CORP	Unknown	002	LEA	S:22, T:17S, R:32E	Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES		O	Active		
30-025-00625	CONOCO, INC.	BAISH B	002	LEA	S:22, T:17S, R:32E	MALJAMAR	QUEEN (GAS)		G	Pumping	Apr 1966	Jan 1994
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Pumping	Jan 1977	Dec 1992
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	I	Pumping	Jan 1973	Dec 1976
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well	Jan 2001	Oct 2009
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	I	Injection Well		
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	O	Pumping	Jan 1973	Oct 1976
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1977	Oct 2009
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		PI	Temporarily Abandoned		
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)			PI	Temporarily Abandoned		
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well		
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	I	Injection Well		
30-025-00631	CONOCOPHILLIPS COMPANY	MCA UNIT	073	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,112	O	Pumping	Jan 1977	Oct 2009
30-025-00631	CONOCOPHILLIPS COMPANY	MCA UNIT	073	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,112	O	Pumping	Jan 1973	Dec 1976
30-025-00635	CONOCO, INC.	MCA UNIT	040	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Jan 1993	Jul 1996
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,160	O	Pumping	Jan 1963	Dec 1963
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,160	O	Pumping	Jan 1964	Oct 2009
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,092	I	Injection Well	Jan 2001	Oct 2009
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,092	I	Injection Well		

30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,000	O	Pumping		Jan 1977	Oct 2009
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)			4,000	O	Pumping		Jan 1973	Dec 1976
30-025-12795	CONOCOPHILLIPS COMPANY	MCA UNIT	086	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,099	O	Pumping		May 1971	Oct 2009
30-025-12796	CONOCO, INC.	MCA UNIT	089	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	0	O	Shut-in		Jan 1970	Aug 1996
30-025-20647	CONOCO, INC.	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	MALJAMAR		ABO	9,958	O	Temporarily Abandoned		Jan 1970	Nov 1990
30-025-20647	CONOCO, INC.	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	BAISH		WOLFCAMP	9,958	O	Temporarily Abandoned		Dec 1964	Oct 1990
30-025-20647	COG OPERATING LLC	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	MALJAMAR		PADDOCK	9,958	O	Temporarily Abandoned		Jan 1969	Oct 2009
30-025-24109	CONOCOPHILLIPS COMPANY	MCA UNIT	312	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,250	O	Active		Jan 1993	Oct 2009
30-025-24183	CONOCOPHILLIPS COMPANY	MCA UNIT	316	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,200	O	Pumping		Jan 1993	Oct 2009
30-025-24236	CONOCOPHILLIPS COMPANY	MCA UNIT	325	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,175	O	Pumping		Jan 1993	Oct 2009
30-025-24274	CONOCOPHILLIPS COMPANY	MCA UNIT	327	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,200	O	Pumping		Apr 1993	Oct 2009
30-025-24376	CONOCOPHILLIPS COMPANY	MCA UNIT	338	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,150	O	Pumping		Jan 1993	Feb 2009
30-025-24462	CONOCOPHILLIPS COMPANY	MCA UNIT	341	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,150	O	Pumping		Jan 1993	Oct 2009
30-025-24499	CONOCOPHILLIPS COMPANY	MCA UNIT	345	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,122	PO	Temporarily Abandoned			
30-025-30116	CONOCO, INC.	MCA UNIT	378	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,200	O	Pumping			
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014	LEA	S:22, T:17S, R:32E	MALJAMAR		ABO	12,504	O	Pumping		Jan 1989	Oct 2009
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014	LEA	S:22, T:17S, R:32E	BAISH		WOLFCAMP	12,504	O	Pumping		Oct 1988	Oct 2009
30-025-30731	CONOCOPHILLIPS COMPANY	MCA UNIT	385	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,420	PO	Pumping		Jan 1990	Aug 2005
30-025-34647	COG OPERATING LLC	MC FEDERAL COM	001	LEA	S:22, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	14,912	G	Pumping		Oct 1999	Oct 2009
30-025-34772	COG OPERATING LLC	J C FEDERAL	002	LEA	S:22, T:17S, R:32E	MALJAMAR		PADDOCK	5,950	O	Pumping		Feb 2000	Oct 2009
	COG OPERATING	MC			S:22, T:17S,									

30-025-35989	LLC	FEDERAL	008	LEA	R32E S22, T:17S, R32E	MALJAMAR	PADDOCK	6,918	O	Active	Feb 2003	Oct 2009
30-025-00632	CONOCOPHILLIPS COMPANY	MCA UNIT	039	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		I	Active		
30-025-00633		MCA UNIT	037	LEA	S22, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		99,999	O	Plugged and Abandoned	Jan 1973	Dec 1976
30-025-00633	CONOCO, INC.	MCA UNIT	037	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	99,999	O	Plugged and Abandoned	Jan 1977	Mar 2002
30-025-00623	CONOCO, INC.	BAISH A	002	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active		
30-025-00634	CONOCO, INC.	BAISH B	005	LEA	S22, T:17S, R32E	MALJAMAR	DEVONIAN	13,400	O	Active	Jan 1963	Dec 1969
30-025-00638	CONOCO, INC.	BAISH B	004	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active	Jan 1963	Dec 1971
30-025-00637	CONOCO, INC.	BAISH B	001	LEA	S22, T:17S, R32E	BAISH	WOLFCAMP	13,657	O	Active	Jan 1963	Oct 1971
30-025-12780	CONOCO, INC.	MCA UNIT	038	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active		
30-025-00000		BAISH B	014	LEA	S22, T:17S, R32E	MALJAMAR	STRAWN		G	Active	Jan 1962	Apr 1962
30-025-00624		MCA UNIT BATTERY 2	030	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active	Jan 1963	Sep 1970
30-025-00624		MCA UNIT BATTERY 2	030	LEA	S22, T:17S, R32E	MALJAMAR GB SA (DO NOT USE)	GRAYBURG-SAN ANDRES		O	Active	Jan 1969	Sep 1970
30-025-00624		MCA UNIT BATTERY 2	030	LEA	S22, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES		O	Active	Jan 1970	Sep 1970
30-025-00635		MCA UNIT BATTERY 2	040	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Jan 1963	Dec 1993
30-025-00635		MCA UNIT BATTERY 2	040	LEA	S22, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES		O	Pumping	Jan 1970	Dec 1976
30-025-00635		MCA UNIT BATTERY 20	040	LEA	S22, T:17S, R32E	BAISH	YATES		O	Pumping		
30-025-00632		MCA UNIT BATTERY 2	039	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		I	Active		
30-025-00632		MCA UNIT BATTERY 2	039	LEA	S22, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES		I	Active	Nov 1974	Nov 1974
30-025-00000		BAISH B	017	LEA	S22, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		AP	PreOngard		

30-025-24109	MCA UNIT BATTERY 2	312	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,250	O	Active		Jan 1977	Dec 1993
30-025-24109	MCA UNIT BATTERY 2	312	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,250	O	Active		Jan 1973	Dec 1976
30-025-24236	MCA UNIT BATTERY 2	325	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,175	O	Pumping		Jan 1973	Dec 1976
30-025-24236	MCA UNIT BATTERY 2	325	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,175	O	Pumping		Jan 1977	Dec 1993
30-025-24499	MCA UNIT BATTERY 2	345	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,122	PO	Temporarily Abandoned		Oct 1973	Dec 1976
30-025-24499	MCA UNIT BATTERY 2	345	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,122	PO	Temporarily Abandoned		Jan 1977	Jun 1986
30-025-30116	MCA UNIT BATTERY 2	378	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	O	Pumping		Jan 1988	Jun 1990
30-025-24376	MCA UNIT BATTERY 2	338	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Pumping		Jan 1977	Dec 1993
30-025-24376	MCA UNIT BATTERY 2	338	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,150	O	Pumping		Apr 1973	Dec 1976
30-025-12796	MCA UNIT BATTERY 2	089	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	O	Shut-in		Jan 1970	Dec 1976
30-025-12796	MCA UNIT BATTERY 2	089	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Shut-in		Apr 1969	Dec 1993
30-025-24183	MCA UNIT BATTERY 2	316	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,200	O	Pumping		Jan 1973	Dec 1976
30-025-24183	MCA UNIT BATTERY 2	316	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	O	Pumping		Jan 1977	Dec 1993
30-025-00626	MCA UNIT BATTERY 2	087	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Pumping		Jan 1967	Dec 1967
30-025-00626	MCA UNIT BATTERY 2	087	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	I	Pumping			
	MCA UNIT BATTERY			S:22, T:17S,								

30-025-24274	2	327	LEA	R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	O	Pumping	Jan 1977	Dec 1993
	MCA UNIT BATTERY 2			S:22, T:17S, R:32E							
30-025-24274		327	LEA		MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,200	O	Pumping	Jan 1973	Dec 1976
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00640		085	LEA		MALJAMAR	GRAYBURG-SAN ANDRES	4,026	O	Active	Jan 1963	Jul 1989
	MCA UNIT BATTERY 2			S:22, T:17S, R:32E							
30-025-24462		341	LEA		MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Pumping	Jan 1977	Dec 1993
	MCA UNIT BATTERY 2			S:22, T:17S, R:32E							
30-025-24462		341	LEA		MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,150	O	Pumping	Aug 1973	Dec 1976
	MCA UNIT BATTERY 2			S:22, T:17S, R:32E							
30-025-35988	COG OPERATING LLC	03	LEA		MALJAMAR	PADDOCK	7,020	O	Active	Dec 2003	Oct 2009
	JC FEDERAL			S:22, T:17S, R:32E							
30-025-20647	CONTINENTAL OIL COMPANY	013	LEA		MALJAMAR	ABO	9,958	O	Temporarily Abandoned	Dec 1964	Dec 1969
	BAISH A			S:22, T:17S, R:32E							
30-025-00629	CONTINENTAL OIL COMPANY	036	LEA		MALJAMAR REPRESS				Temporarily Abandoned	Jan 1963	Jun 1968
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00633	CONTINENTAL OIL COMPANY	037	LEA		MALJAMAR REPRESS		99,999	O	Plugged and Abandoned	Jan 1963	Dec 1971
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00632	CONTINENTAL OIL COMPANY	039	LEA		MALJAMAR REPRESS			I	Active	Jan 1963	May 1968
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00630	CONTINENTAL OIL COMPANY	072	LEA		MALJAMAR REPRESS		0	I	Injection Well	Jan 1963	Jan 1969
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00631	CONTINENTAL OIL COMPANY	073	LEA		MALJAMAR REPRESS		4,112	O	Pumping	Jan 1963	Dec 1971
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00627	CONTINENTAL OIL COMPANY	074	LEA		MALJAMAR REPRESS		0	I	Injection Well	Jan 1963	Aug 1968
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-12711	CONTINENTAL OIL COMPANY	075	LEA		MALJAMAR REPRESS		4,000	O	Pumping	Jan 1963	Dec 1971
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00639	CONTINENTAL OIL COMPANY	084	LEA		MALJAMAR REPRESS		4,092	I	Injection Well	Jan 1963	Jan 1969
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00626	CONTINENTAL OIL CO	087	LEA		MALJAMAR REPRESS		0	I	Pumping	Jan 1963	May 1968
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							
30-025-00628	CONTINENTAL OIL COMPANY	088	LEA		MALJAMAR REPRESS		0	O	Pumping	Jan 1963	Dec 1971
	MCA UNIT BATTERY 3			S:22, T:17S, R:32E							

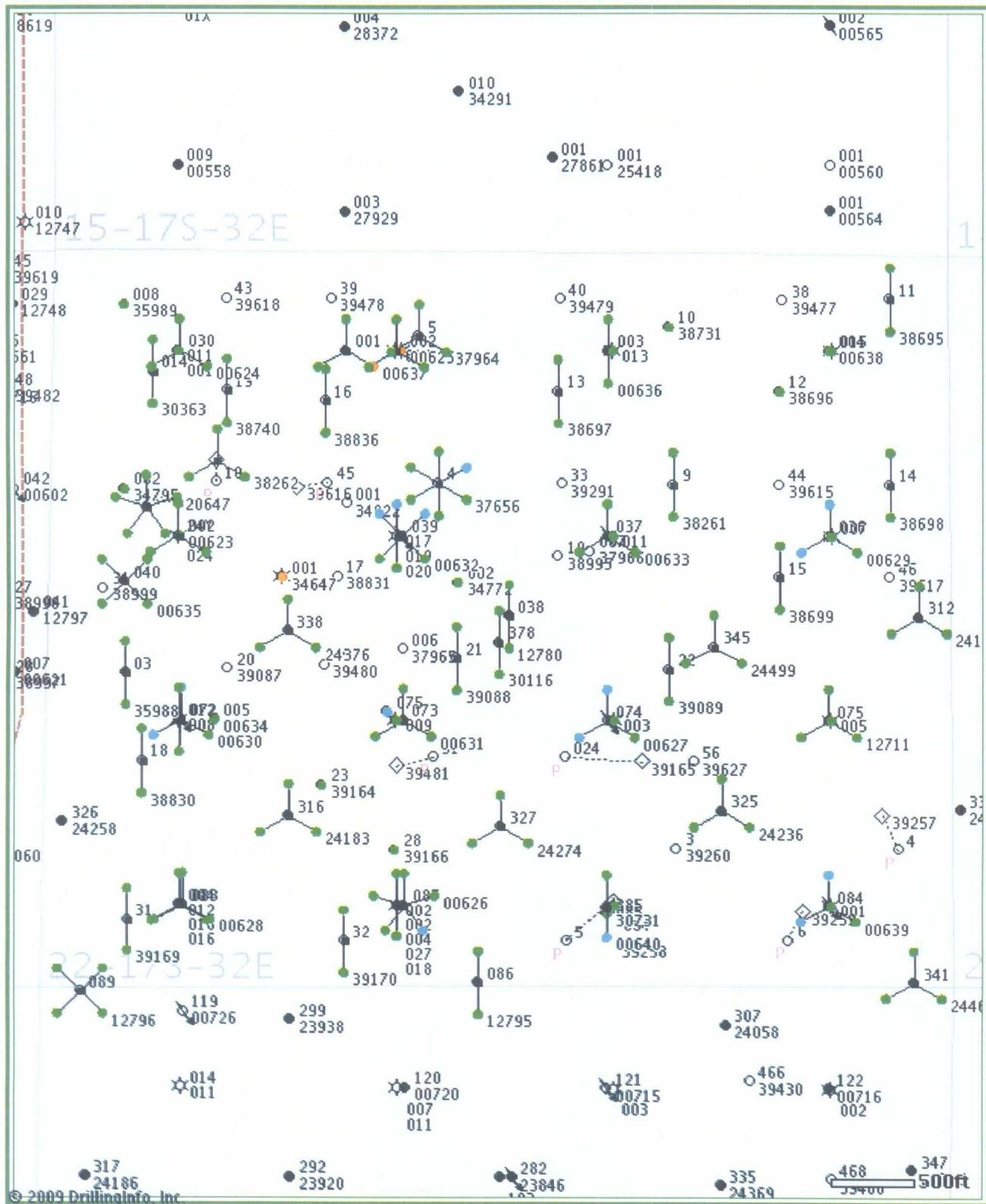
30-025-00637	CONTINENTAL OIL COMPANY	BAISH B	001	LEA	S:22, T:17S, R:32E	MAGRUDER	YATES	13,657	O	Active	Jan 1964	Dec 1967
30-025-00000	BUFFALO	BAISH B	012	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active	Feb 1952	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH A	011	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	002	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	004	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	007	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	008	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	009	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	010	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	011	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Dec 1962
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	001	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	004	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Nov 1946	Dec 1962
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	005	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL CO.	BAISH A	010	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1945	Feb 1956
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y	LEA	S:22, T:17S, R:32E	BAISH POOL			O	Active	Jan 1953	Dec 1955
30-025-00000	BUFFALO OIL COMPANY	BAISH A	024	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING			G	Active	Feb 1956	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH B	004	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1951	Dec 1955
30-025-00637	BUFFALO OIL COMPANY	BAISH B	001	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	13,657	O	Active	Jan 1948	Oct 1971
30-025-00000	BUFFALO OIL CO.	BAISH	012	LEA	S:22, T:17S, R:32E	MALJAMAR AREA			O	Active	Jan 1947	Dec 1947

30-025-00000	BUFFALO OIL CO.	BAISH B	004	LEA	R:32E	MALJAMAR REPRESSURING POOL			O	Active	Jan 1948	Dec 1948
30-025-12780	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	038	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES				Active	Mar 1971	Dec 1971
30-025-12795	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	086	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES		4,099	O	Pumping	May 1971	Dec 1971
30-025-12796	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	089	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES		0	O	Shut-in	Jan 1971	Dec 1971
30-025-00000	CONTINENTAL OIL CO	BAISH B FED	013	LEA	S:22, T:17S, R:32E	MALJ REPRESS GRAYBURG SAN ANDRES			G	Active	Jan 1960	Dec 1962
30-025-00000	CONTINENTAL OIL CO	BAISH B FED	015	LEA	S:22, T:17S, R:32E	MALJ REPRESS GRAYBURG SAN ANDRES			G	Active	Jun 1960	Dec 1962
30-025-00000	CITIES SERVICE PETROLEUM CO.	BAISH B FED.	014	LEA	S:22, T:17S, R:32E	LEA UNDESIGNATED	GROUP 2		G	Active	Jun 1960	Dec 1960
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH B FEDERAL	014	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP		G	Active	May 1962	Dec 1962
30-025-20647	CONTINENTAL OIL CO	BAISH A	013	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	9,958	O	Temporarily Abandoned	Jan 1967	Oct 1967
30-025-37656	COG OPERATING LLC	J C FEDERAL	4	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	10,200	O	Active Permit	Mar 2006	Oct 2006
30-025-00000	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	075	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SAN ANDRES RPRES			AP	Unknown		
30-025-37964	COG OPERATING LLC	J C FEDERAL	5	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	7,100	O	Active Permit		
30-025-38262	COG OPERATING LLC	MC FEDERAL	10	LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	7,000	O	Active	Apr 2007	Oct 2009
30-025-38261	COG OPERATING LLC	J C FEDERAL	9	LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	7,000	PO	Active	Oct 2007	Oct 2009
30-025-37656	COG OPERATING LLC	J C FEDERAL	4	LEA	S:22, T:17S, R:32E	BAISH-WLFCP & MALJAMAR ABO		10,200	O	Active Permit		
30-025-37656	COG OPERATING LLC	J C FEDERAL	4	LEA	S:22, T:17S, R:32E	MALJAMAR, PADDOCK		10,200	O	Active Permit		
30-025-37656	COG OPERATING LLC	J C FEDERAL	4	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	10,200	O	Active Permit		
30-025-37656	COG OPERATING LLC	J C FEDERAL	4	LEA	S:22, T:17S, R:32E	MALJAMAR	ABO	10,200	O	Active Permit		
30-025-37656	COG OPERATING LLC	J C FEDERAL	4	LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	10,200	O	Active Permit	Aug 2006	Oct 2009
30-025-37964	COG OPERATING LLC	J C FEDERAL	5	LEA	S:22, T:17S, R:32E	MALJAMAR, PADDOCK 44500		7,100	O	Active Permit		

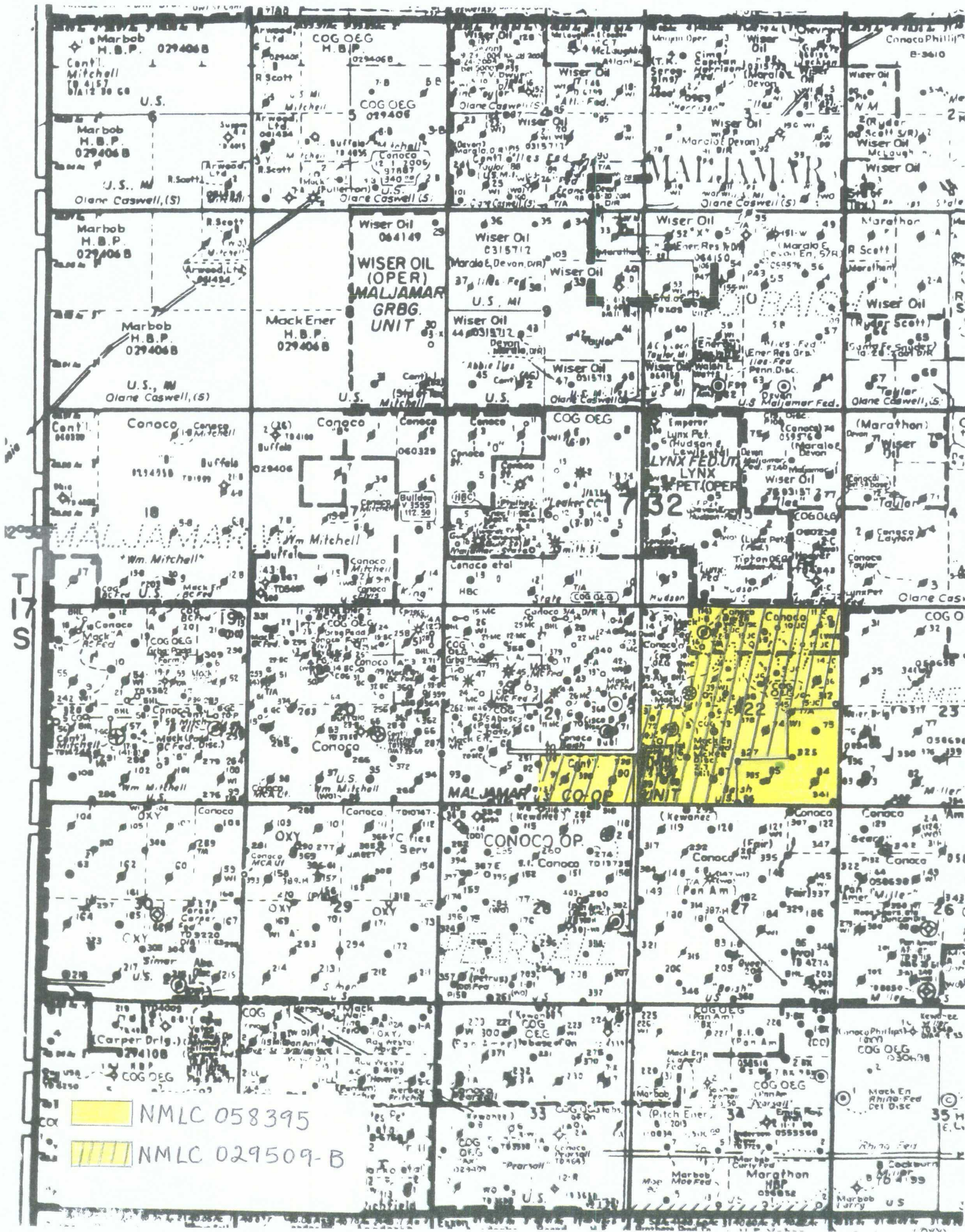
30-025-38262	COG OPERATING LLC	MC FEDERAL	10	LEA	S22, T:17S, R:32E	WILDCAT YESO				7,000	O	Active			
30-025-37964	COG OPERATING LLC	JC FEDERAL	5	LEA	S22, T:17S, R:32E	MALJAMAR	PADDOCK			7,100	O	Active Permit	Dec 2006		Oct 2009
30-025-38262	COG OPERATING LLC	MC FEDERAL	10	LEA	S22, T:17S, R:32E	WILDCAT G-02 S173222E	YESO			7,000	O	Active	Apr 2007		Jan 2008
30-025-00640	HANAGAN PETROLEUM CORP	PRE-ONGARD WELL	085	LEA	S22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES			4,026	O	Active			
30-025-38261	COG OPERATING LLC	JC FEDERAL	9	LEA	S22, T:17S, R:32E	WILDCAT G-02 S173222E	YESO			7,000	PO	Active	Dec 2007		Jan 2008
30-025-38695	COG OPERATING LLC	JC FEDERAL	11	LEA	S22, T:17S, R:32E	MALJAMAR;YESO, WEST				7,023	O	Active Permit			
30-025-38698	COG OPERATING LLC	JC FEDERAL	14	LEA	S22, T:17S, R:32E	MALJAMAR	DEVONIAN, WEST			7,004	O	Active Permit			
30-025-38695	COG OPERATING LLC	JC FEDERAL	11	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			7,023	O	Active Permit	May 2008		Oct 2009
30-025-38698	COG OPERATING LLC	JC FEDERAL	14	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			7,004	O	Active Permit	Jun 2008		Oct 2009
30-025-38697	COG OPERATING LLC	JC FEDERAL	13	LEA	S22, T:17S, R:32E	MALJAMAR;YESO, WEST				7,035	O	Active Permit			
30-025-38697	COG OPERATING LLC	JC FEDERAL	13	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			7,035	O	Active Permit	Aug 2008		Oct 2009
30-025-38699	COG OPERATING LLC	JC FEDERAL	15	LEA	S22, T:17S, R:32E	MALJAMAR;YESO, WEST				7,017	O	Active Permit			
30-025-38699	COG OPERATING LLC	JC FEDERAL	15	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			7,017	O	Active Permit	Sep 2008		Oct 2009
30-025-38830	COG OPERATING LLC	JC FEDERAL	18	LEA	S22, T:17S, R:32E	MALJAMAR	DEVONIAN, WEST			7,007	O	Active Permit			
30-025-38830	COG OPERATING LLC	JC FEDERAL	18	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			7,007	O	Active Permit	Oct 2008		Oct 2009
30-025-35988	COG OPERATING LLC	JC FEDERAL	03	LEA	S22, T:17S, R:32E	MALJAMAR;YESO, WEST				7,020	O	Active			
30-025-38836	COG OPERATING LLC	JC FEDERAL	16	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			6,961	O	Active Permit	Dec 2008		Oct 2009
30-025-38836	COG OPERATING LLC	JC FEDERAL	16	LEA	S22, T:17S, R:32E	MALJAMAR	DEVONIAN, WEST			6,961	O	Active Permit			
30-025-38740	COG OPERATING LLC	MC FEDERAL	19	LEA	S22, T:17S, R:32E	MALJAMAR;YESO, WEST				6,952	O	Active Permit			
30-025-38740	COG OPERATING LLC	MC FEDERAL	19	LEA	S22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK			6,952	O	Active Permit	Feb 2009		Oct 2009
	COG OPERATING	JC			S22, T:17S,										

30-025-38696	LLC	FEDERAL	12	LEA	R-32E S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,400	PO	Active Permit	Mar 2009	Oct 2009
30-025-39170	COG OPERATING LLC	JC FEDERAL	32	LEA	T:17S, R:32E	MALJAMAR;YESO, WEST		7,315	O	Active Permit		
30-025-39088	COG OPERATING LLC	JC FEDERAL	21	LEA	S:22, T:17S, R:32E	MALJAMAR;YESO, WEST		7,015	O	Active Permit		
30-025-38731	COG OPERATING LLC	JC FEDERAL	10	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,400	PO	Active Permit	Jan 2009	Oct 2009
30-025-39088	COG OPERATING LLC	JC FEDERAL	21	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,015	O	Active Permit	Apr 2009	Oct 2009
30-025-39170	COG OPERATING LLC	JC FEDERAL	32	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,315	O	Active Permit	Mar 2009	Oct 2009
30-025-39089	COG OPERATING LLC	JC FEDERAL	22	LEA	S:22, T:17S, R:32E	MALJAMAR;YESO, WEST		7,025	O	Active Permit		
30-025-39089	COG OPERATING LLC	JC FEDERAL	22	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,025	O	Active Permit	Jul 2009	Oct 2009
30-025-39169	COG OPERATING LLC	JC FEDERAL	31	LEA	S:22, T:17S, R:32E	MALJAMAR;YESO, WEST		7,135	O	Active Permit		
30-025-39169	COG OPERATING LLC	JC FEDERAL	31	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,135	O	Active Permit	Aug 2009	Oct 2009
30-025-39164	COG OPERATING LLC	JC FEDERAL	23	LEA	S:22, T:17S, R:32E	MALJAMAR;YESO, WEST		7,119	O	Active Permit		
30-025-39166	COG OPERATING LLC	JC FEDERAL	28	LEA	S:22, T:17S, R:32E	MALJAMAR;YESO, WEST		7,123	O	Active Permit		

Offset Wells to J C Federal #56



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Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Monday, January 11, 2010 11:25 AM
To: 'Robyn Odom'
Subject: JC Federal Well #56; NSL Application

Dear Ms. Odom

Your NSL application for this well states that that ownership is identical for the offset acreage, and identifies the unit encroaches toward as the NE/4 SE/4 of Section 22-17S-22E.

It appears, however, that the proposed location also encroaches diagonally toward the SE/4 SE/4 of Section 22. Is working interest ownership of the SE/4 SE/4 also identical with the NW/4 SE/4, where the well will be located?

Sincerely

David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: Robyn Odom [rododom@conchoresources.com]
Sent: Monday, January 11, 2010 11:29 AM
To: Brooks, David K., EMNRD
Subject: RE: JC Federal Well #56; NSL Application

Dear Mr. Brooks,

COG is the working interest owner of the SE/4 SE/4 of Section 22. 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: Monday, January 11, 2010 12:25 PM
To: Robyn Odom
Subject: JC Federal Well #56; NSL Application

Dear Ms. Odom

Your NSL application for this well states that that ownership is identical for the offset acreage, and identifies the unit encroaches toward as the NE/4 SE/4 of Section 22-17S-22E.

It appears, however, that the proposed location also encroaches diagonally toward the SE/4 SE/4 of Section 22. Is working interest ownership of the SE/4 SE/4 also identical with the NW/4 SE/4, where the well will be located?

Sincerely

David K. Brooks
Legal Examiner

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Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Tuesday, January 12, 2010 11:17 AM
To: 'Robyn Odom'
Cc: Kautz, Paul, EMNRD; 'jay_spielman@nm.blm.gov'; 'llrwb@austin.rr.com'
Subject: JC Federal #56, Lea County NM, NSL Application

Dear Ms. Odom

The referenced application was granted under date of Jan 11, 2010 by Order NSL-6134.

The signed original order will be posted on OCD's website.

Sincerely
David K. Brooks
Legal Examiner