

11/6/07

DATE IN	SUSPENSE	ENGINEER Brooks	LOGGED IN 11/9/07	TYPE NSL	APP NO. PKUR0731328937
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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 Operating
BC Federal #27

35

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

- [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.

PHYLLIS A. EDWARDS
Print or Type Name

Signature

REGULATORY ANALYST
Title

Date

pedwards@conchoresources.com
e-mail Address

RECEIVED
2007 NOV 6 AM 10:44

11/5/07

**B C Federal #27
Lea County, NM**

COG proposes to drill a **VERTICAL** NE 1/4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7300'

NE 1/4 NE 1/4

Location: 400' FNL & 1090' FEL Sec 20, T17S, R32E, Unit A

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

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 B C Federal #12 (330' FNL & 1750' FWL, Section 19, UL C) which was completed in July 2006.

The B C Federal #12 completion broke the Yeso up into 3 perf/stimulation intervals. B C Federal #12 has perms from: 5806.5' – 6709.5' overall, but broken up into 3 separate intervals, with 3 separate fracs

1st interval: 6589' – 6709.5',
acidized w/ 2500 gals,
frac'd w/ 97,940 gals gel, 8,000 # LiteProp, 90,060# 16/30 sand.

2nd interval: 6249' – 6505',
acidized w/ 3000 gals,
frac'd w/ 75,000# gal gel, 8012# LiteProp, & 90,460 gals 16/30 sand.

3rd interval: 5806.5' – 6162',
acidized w/ 1600 gals,
frac'd w/ 75,000# gal gel, 8000# LiteProp, & 90,520 gals 16/30 sand.

At this time, we assume the B C Federal #27 should be very similar.

Attachment 1

Plat and topographic map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG Operating LLC owns offset acreage.
The acreage we are encroaching is the NW 1/4 of the NE 1/4 of Section 20.
COG owns both UL A & B of Section 20.
Interests are the same.

COG Operating LLC respectfully requests permission to have this NSL approved.

DISTRICT I
1626 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
1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION
1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102
Revised October 12, 2005
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code 97608	Pool Name MALJAMAR; YESO
Property Code 302456	Property Name BC FEDERAL	Well Number 27
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4031'

Surface Location

UL or lot No. A	Section 20	Township 17-S	Range 32-E	Lot Idn	Feet from the 400	North/South line NORTH	Feet from the 1090	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

DETAIL 4029.8' 4039.3' 4026.1' 4038.6' 600' 600' SEE DETAIL 400' 1090'	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>Phyllis A. Edwards</i> 10-11-07 Signature Date Phyllis A. Edwards Printed Name Regulatory Analyst
GEODETIC COORDINATES NAD 27 NME Y=664718.1 N X=669030.8 E LAT.=32.826187° N LONG.=103.783076° W	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. SEPTEMBER 26 2007 Date Surveyed AR Signature & Seal of Professional Surveyor 3239 <i>Ronald J. Eidson</i> 10/10/07 07111042 Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

CONTOUR INTERVAL:
MALJAMAR, N.M. - 10'

SEC. 20 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 400' FNL & 1090' FEL

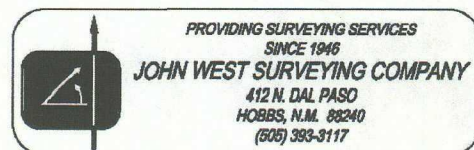
ELEVATION 4031'

OPERATOR COG OPERATING, LLC

LEASE BC FEDERAL

U.S.G.S. TOPOGRAPHIC MAP

MALJAMAR, N.M.



Offset Wells - B C Federal 27

API#	Operator	Lease	Well#	County	Legal	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Statu
30-025-08048	CONOCOPHILLIPS COMPANY	MITCHELL B	015	LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	0	Active
30-025-08050	CONOCOPHILLIPS COMPANY	MCA UNIT	257	LEA	S:20, T:17S, R:32E	Dec 1978	MALJAMAR	GRAYBURG-SAN ANDRES		Temporarily
30-025-08050	CONOCOPHILLIPS COMPANY	MCA UNIT	257	LEA	S:20, T:17S, R:32E	Dec 1974	MALJAMAR GRAYBURG SA REP (ABOLISHED)			Temporarily
30-025-08051	CONOCOPHILLIPS COMPANY	MCA UNIT	331	LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection We
30-025-08052	CONOCOPHILLIPS COMPANY	MCA UNIT	253	LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)			Temporarily
30-025-08052	CONOCOPHILLIPS COMPANY	MCA UNIT	253	LEA	S:20, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES		Temporarily
30-025-08053	CONOCO, INC.	MCA UNIT	303	LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Injection We
30-025-08053	CONOCO, INC.	MCA UNIT	303	LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)			Injection We
30-025-08054	CONOCOPHILLIPS COMPANY	MCA UNIT	048	LEA	S:20, T:17S, R:32E	Dec 2004	MALJAMAR	GRAYBURG-SAN ANDRES		Injection We
30-025-08054	CONOCOPHILLIPS COMPANY	MCA UNIT	048	LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)			Injection We
30-025-08055	CONOCO, INC.	MITCHELL A	004	LEA	S:20, T:17S, R:32E	Apr 1991	MALJAMAR	GRAYBURG-SAN ANDRES	4,129	Temporarily
30-025-08055	CONOCOPHILLIPS COMPANY	MITCHELL A	004	LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4,129	Temporarily
30-025-08056	CONOCO, INC.	MCA UNIT	049	LEA	S:20, T:17S, R:32E	Apr 1991	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
					S:20,					

30-025-08056	CONOCO, INC.	MCA UNIT	049 LEA	T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0 Pumping
30-025-08057	CONOCO, INC.	MCA UNIT	050 LEA	S:20, T:17S, R:32E	Feb 1967	MALJAMAR GRAYBURG-SAN ANDRES	Temporarily
30-025-08058	CONOCOPHILLIPS COMPANY	MCA UNIT	051 LEA	S:20, T:17S, R:32E	Feb 1998	MALJAMAR GRAYBURG-SAN ANDRES	0 Temporarily
30-025-08060	CONOCOPHILLIPS COMPANY	MCA UNIT	023 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	Flowing
30-025-08060	CONOCOPHILLIPS COMPANY	MCA UNIT	023 LEA	S:20, T:17S, R:32E	Dec 2002	MALJAMAR GRAYBURG-SAN ANDRES	Flowing
30-025-08061	CONOCOPHILLIPS COMPANY	MCA UNIT	024 LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	0 Injection We
30-025-08061	CONOCOPHILLIPS COMPANY	MCA UNIT	024 LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG-SAN ANDRES	0 Injection We
30-025-08062	CONOCOPHILLIPS COMPANY	MCA UNIT	066 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0 Pumping
30-025-08062	CONOCOPHILLIPS COMPANY	MCA UNIT	066 LEA	S:20, T:17S, R:32E	Aug 2007	MALJAMAR GRAYBURG-SAN ANDRES	0 Pumping
30-025-08063	CONOCOPHILLIPS COMPANY	MCA UNIT	094 LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	0 Injection We
30-025-08063	CONOCOPHILLIPS COMPANY	MCA UNIT	094 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR GRAYBURG-SAN ANDRES	0 Injection We
30-025-08064	CONOCO, INC.	MCA UNIT	065 LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG-SAN ANDRES	0 Injection We
30-025-08064	CONOCO, INC.	MCA UNIT	065 LEA	S:20, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	0 Injection We
30-025-08065	CONOCOPHILLIPS COMPANY	MCA UNIT	095 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR GRAYBURG-SAN ANDRES	0 Active
30-025-08065	CONOCOPHILLIPS COMPANY	MCA UNIT	095 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0 Active

30-025-08066	CONOCO, INC.	MCA UNIT	063 LEA	T:17S, R:32E	Jul 1991	MALJAMAR	GRAYBURG-SAN ANDRES	4,027	Temporarily
30-025-08066	CONOCO, INC.	MCA UNIT	063 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4,027	Temporarily
30-025-08068	CONOCO, INC.	MCA UNIT	062 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0	Temporarily
30-025-08068	CONOCO, INC.	MCA UNIT	062 LEA	S:20, T:17S, R:32E	Dec 1973	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Temporarily
30-025-08069	CONOCO, INC.	MCA UNIT	098 LEA	S:20, T:17S, R:32E	Jun 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0	Temporarily
30-025-08069	CONOCO, INC.	MCA UNIT	098 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Temporarily
30-025-12755	CONOCOPHILLIPS COMPANY	MCA UNIT	096 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Active
30-025-12755	CONOCOPHILLIPS COMPANY	MCA UNIT	096 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Active
30-025-12771	CONOCOPHILLIPS COMPANY	MCA UNIT	061 LEA	S:20, T:17S, R:32E	Apr 1974	MALJAMAR	GRAYBURG-SAN ANDRES	4,024	Injection We
30-025-12772	CONOCOPHILLIPS COMPANY	MCA UNIT	064 LEA	S:20, T:17S, R:32E	Jan 2000	MALJAMAR	GRAYBURG-SAN ANDRES		Plugged and
30-025-20231	CONOCO, INC.	MCA UNIT	258 LEA	S:20, T:17S, R:32E	Jun 1995	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping
30-025-23509	CONOCO, INC.	MCA UNIT	256 LEA	S:20, T:17S, R:32E	Dec 1970	MALJAMAR	GRAYBURG-SAN ANDRES		Injection We
30-025-23686	CONOCOPHILLIPS COMPANY	MCA UNIT	265 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-23687	CONOCOPHILLIPS COMPANY	MCA UNIT	266 LEA	S:20, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Active
30-025-23706	CONOCOPHILLIPS COMPANY	MCA UNIT	269 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
				S:20,					

30-025-23715	CONOCOPHILLIPS COMPANY	MCA UNIT	271 LEA	T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-23807	CONOCOPHILLIPS COMPANY	MCA UNIT	287 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	4,120 Active
30-025-29956	CONOCOPHILLIPS COMPANY	MCA UNIT	372 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-29967	CONOCOPHILLIPS COMPANY	MCA UNIT	374 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Active
30-025-33584	CONOCOPHILLIPS COMPANY	ELVIS	001 LEA	S:20, T:17S, R:32E	Aug 2007	MALJAMAR	DEVONIAN, WEST	13,900 Pumping
30-025-33949	CONOCOPHILLIPS COMPANY	ELVIS	004 LEA	S:20, T:17S, R:32E	May 2007	BAISH	WOLFCAMP	12,100 Active
30-025-33949	CONOCOPHILLIPS COMPANY	ELVIS	004 LEA	S:20, T:17S, R:32E	Jul 2007	BAISH	CISCO	12,100 Active
30-025-34713	CHEVRON USA, INC.	BC FEDERAL	002 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	5,773 Pumping
30-025-34733	CHEVRON USA, INC.	BC FEDERAL	001 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	5,900 Pumping
30-025-34932	COG OPERATING LLC	BC FEDERAL	003 LEA	S:20, T:17S, R:32E	Aug 2007	MALJAMAR	PADDOCK	5,975 Pumping
30-025-36194	CHEVRON USA, INC.	BC FEDERAL	008 LEA	S:20, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	6,598 Active
30-025-27065	CONOCO, INC.	MCA UNIT	362 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-27063	CONOCO, INC.	MCA UNIT	360 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-27076	CONOCO, INC.	MCA UNIT	359 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-27064	CONOCO, INC.	MCA UNIT	361 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active

30-025-27067	CONOCO, INC.	MCA UNIT	364 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-26606	CONOCO, INC.	MCA UNIT	358 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Unknown
30-025-27066	CONOCO, INC.	MCA UNIT	363 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08055	CONOCO, INC.	MITCHELL A	004 LEA	S:20, T:17S, R:32E	MALJAMAR	QUEEN (GAS)	4,129 Temporarily
30-025-20231		MCA UNIT BATTERY 1	258 LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-20231		MCA UNIT BATTERY 1	258 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-23715		MCA UNIT BATTERY 2	271 LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-23715		MCA UNIT BATTERY 2	271 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00000		MITCHELL A	005 LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK	Active
30-025-00000		MITCHELL A	003 LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK	Active
30-025-08049	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	255 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08051		MCA UNIT BATTERY 1	331 LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Injection We
30-025-08051		MCA UNIT BATTERY 1	331 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0 Injection We
30-025-00000		MITCHELL A	001 LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK	Active
30-025-08059		MCA UNIT BATTERY 1	022 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active

30-025-08052	MCA UNIT BATTERY 1	253 LEA	T:17S, R:32E	Apr 1992	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily
30-025-08052	MCA UNIT BATTERY 1	253 LEA	S:20, T:17S, R:32E	Aug 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Temporarily
30-025-00000	MITCHELL A	004 LEA	S:20, T:17S, R:32E	Jan 1969	MALJAMAR	PADDOCK	Active
30-025-08050	MCA UNIT BATTERY 1	257 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Temporarily
30-025-08050	MCA UNIT BATTERY 1	257 LEA	S:20, T:17S, R:32E	Jun 1986	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily
30-025-00000	MITCHELL A	002 LEA	S:20, T:17S, R:32E	Apr 1970	MALJAMAR	PADDOCK	Active
30-025-27076	MCA UNIT BATTERY 2	359 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-27063	MCA UNIT BATTERY 2	360 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-26606	MCA UNIT BATTERY 2	358 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Unknown
30-025-23509	MCA UNIT BATTERY 1	256 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Injection We
30-025-23509	MCA UNIT BATTERY 1	256 LEA	S:20, T:17S, R:32E	Oct 1990	MALJAMAR	GRAYBURG-SAN ANDRES	Injection We
30-025-23807	MCA UNIT BATTERY 2	287 LEA	S:20, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,120 Active
30-025-23807	MCA UNIT BATTERY 2	287 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,120 Active
30-025-27065	MCA UNIT BATTERY 2	362 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-27064	MCA UNIT BATTERY 2	361 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
			S:20,				

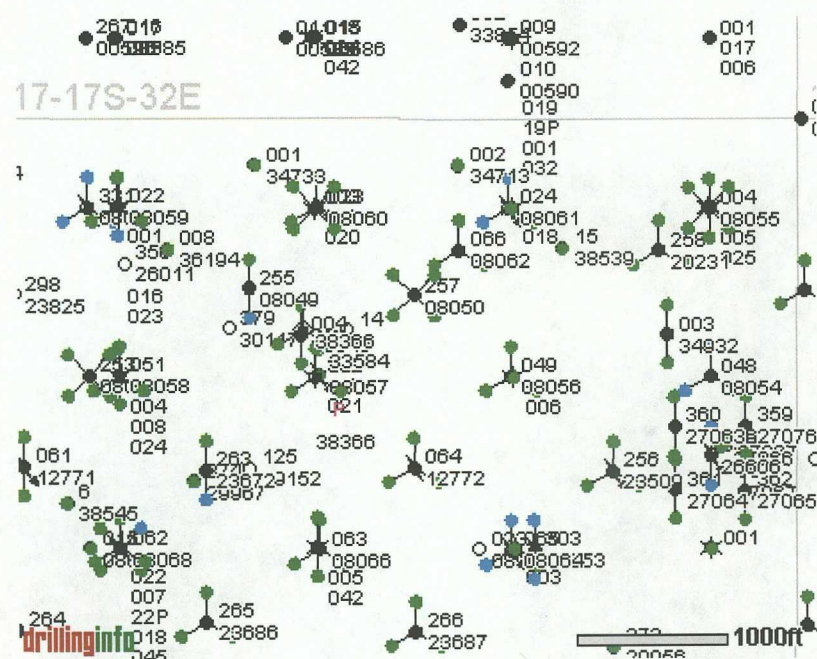
30-025-12772	MCA UNIT BATTERY 1	064 LEA	T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Plugged and Abandoned
30-025-12772	MCA UNIT BATTERY 1	064 LEA	S:20, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Plugged and Abandoned
30-025-23687	MCA UNIT BATTERY 1	266 LEA	S:20, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Active
30-025-23687	MCA UNIT BATTERY 1	266 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Active
30-025-08068	MCA UNIT BATTERY 1	062 LEA	S:20, T:17S, R:32E	Feb 1967	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Temporarily Plugged
30-025-08068	MCA UNIT BATTERY 1	062 LEA	S:20, T:17S, R:32E	Dec 1965	MALJAMAR	GRAYBURG-SAN ANDRES	0 Temporarily Plugged
30-025-23686	MCA UNIT BATTERY 1	265 LEA	S:20, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23686	MCA UNIT BATTERY 1	265 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23672	MCA UNIT BATTERY 1	263 LEA	S:20, T:17S, R:32E	Jun 1986	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08067	MCA UNIT BATTERY 1	097 LEA	S:20, T:17S, R:32E	Feb 1967	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-23706	MCA UNIT BATTERY 2	269 LEA	S:20, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23706	MCA UNIT BATTERY 2	269 LEA	S:20, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping
30-025-08059	CONOCO, INC.	022 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08067	CONOCO, INC.	097 LEA	S:20, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08060	CONTINENTAL OIL COMPANY	023 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS		Flowing

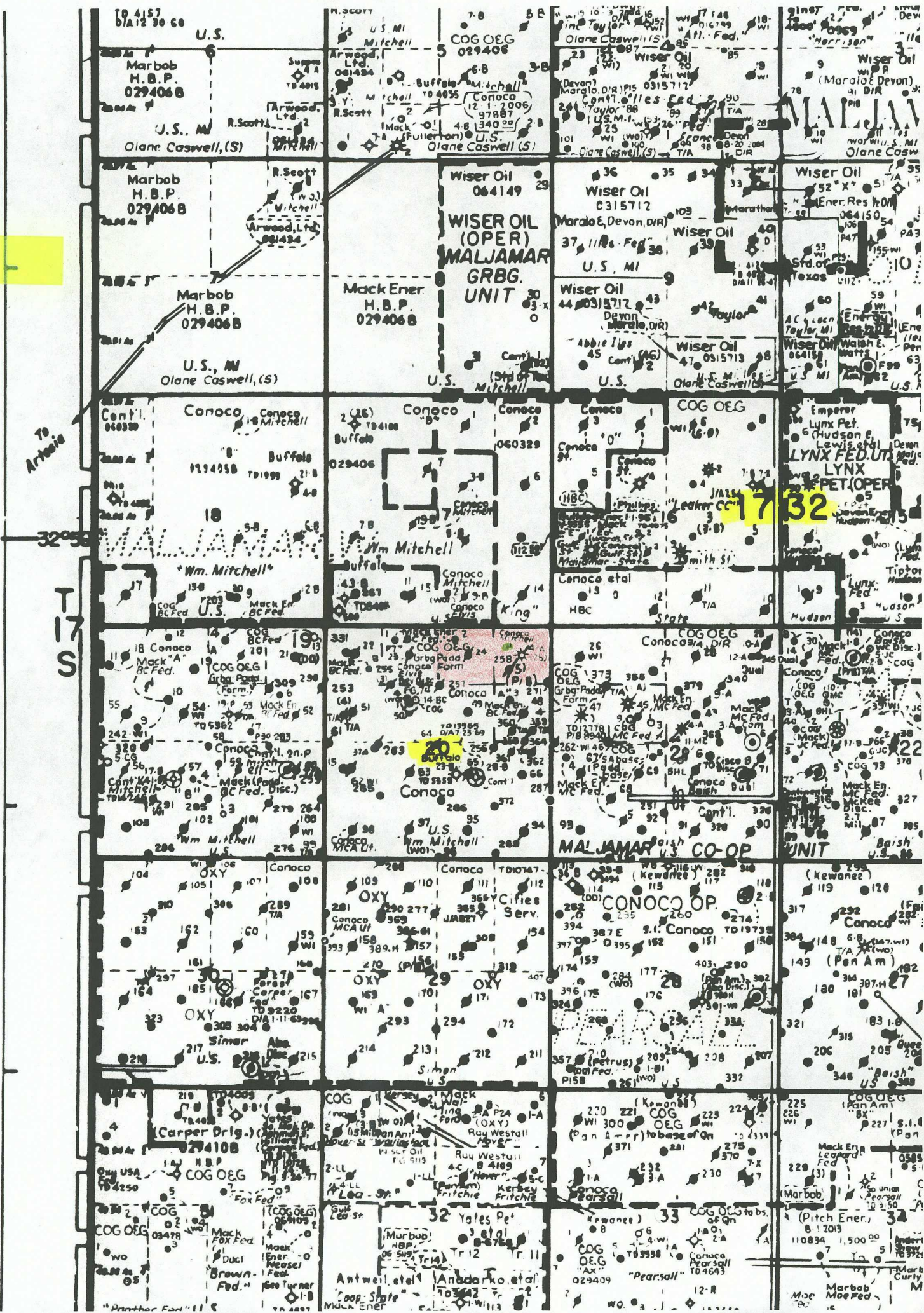
30-025-08061	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	024 LEA	T:17S, R:32E	Feb 1967	MALJAMAR REPRESS	0	Injection Well	
30-025-08054	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	048 LEA	S:20, T:17S, R:32E	Feb 1967	MALJAMAR REPRESS		Injection Well	
30-025-08056	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	049 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0	Pumping	
30-025-08058	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	051 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0	Temporarily	
30-025-08066	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	063 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	4,027	Temporarily	
30-025-08064	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	065 LEA	S:20, T:17S, R:32E	Feb 1967	MALJAMAR REPRESS	0	Injection Well	
30-025-08063	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	094 LEA	S:20, T:17S, R:32E	Feb 1967	MALJAMAR REPRESS	0	Injection Well	
30-025-08065	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	095 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0	Active	
30-025-08069	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	098 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0	Temporarily	
30-025-08062	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	066 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0	Pumping	
30-025-00000	BUFFALO	MITCHELL	022 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES		Active
30-025-00000	BUFFALO-CONT'D.	MITCHELL A	006 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL		Active	
30-025-00000	BUFFALO-COT'D.	MITCHELL A	007 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL		Active	
30-025-00000	BUFFALO-CONT'D.	MITCHELL A	008 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING		Active	
30-025-00000	BUFFALO-CONT'D.	MITCHELL A	016 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL		Active	
				S:20,					

30-025-00000	BUFFALO- CONT'D.	MITCHELL A	017 LEA	T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	018 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	001 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	002 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	003 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	004 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	005 LEA	S:20, T:17S, R:32E	Dec 1965	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	006 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	007 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	008 LEA	S:20, T:17S, R:32E	Dec 1961	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL CO.	MITCHELL B	022 LEA	S:20, T:17S, R:32E	Dec 1952	MALJAMAR PADDOCK POOL	Active
30-025-34932	BUFFALO OIL COMPANY	MITCHELL A	003 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING	5,975 Pumping
30-025-08055	BUFFALO OIL COMPANY	MITCHELL A	004 LEA	S:20, T:17S, R:32E	Dec 1957	MALJAMAR REPRESSURING	4,129 Temporarily
30-025-00000	BUFFALO OIL COMPANY	MITCHELL	22P LEA	S:20, T:17S, R:32E	Dec 1957	MALJAMAR PADDOCK POOL	Active
30-025-00000	CONTINENTAL OIL CO.	MCA UNIT BATTERY 1	025 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR GRAYBURG S A REPRESS	Active
				S:20,			

30-025-12771	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	061 LEA	T:17S, R:32E	Dec 1971	MALJAMAR GRAYBURG SA	4,024	Injection We
30-025-12755	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	096 LEA	S:20, T:17S, R:32E	Dec 1971	MALJAMAR GRAYBURG SA REPRES	0	Active
30-025-00000	CONTINENTAL OIL CO	MITCHELL A FED	020 LEA	S:20, T:17S, R:32E	Dec 1960	NALJ PADDOCK DEPTH RANGE		Active
30-025-00000	CONTINENTAL OIL CO	MITCHELL A FED	021 LEA	S:20, T:17S, R:32E	Dec 1962	MALJ PADDOCK DEPTH RANGE		Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL B FED BATTERY 2	008 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR GRAYBURG		Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL B FED	042 LEA	S:20, T:17S, R:32E	Aug 1961	MALJAMAR GRAYBURG		Unknown
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL A FEDERAL	020 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR PADDOCK		Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL A FEDERAL	023 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR PADDOCK		Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL A FEDERAL	024 LEA	S:20, T:17S, R:32E	Dec 1962	MALJAMAR PADDOCK		Active
30-025-38366	CHEVRON USA, INC.	BC FEDERAL	14 LEA	S:20, T:17S, R:32E		MALJAMAR	6,985	Active Perm
30-025-38366	CHEVRON USA, INC.	BC FEDERAL	14 LEA	S:20, T:17S, R:32E		WILDCAT G-02 S173219A, YESO	6,985	Active Perm
30-025-38545	CHEVRON USA, INC.	GC FEDERAL	6 LEA	S:20, T:17S, R:32E		MALJAMAR	7,100	Active Perm
30-025-38539	CHEVRON USA, INC.	BC FEDERAL	15 LEA	S:20, T:17S, R:32E		MALJAMAR	7,000	Active Perm
30-025-38366	COG OPERATING LLC.	BC FEDERAL	14 LEA	S:20, T:17S, R:32E		WILDCAY YESO <97633>	6,985	Active Perm
	STEVENS	PRE-		S:20,				

30-025-08049	OPERATING CORPORATION	ONGARD WELL	255 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-23672	STEVENS OPERATING CORPORATION	PRE-ONGARD WELL	263 LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active





Date: October 30, 2007

To: Phyllis Edwards

From: Thena Anderson

RE: Unorthodox Location - BC Federal #27
Section 20, T17S, R-32E
Lea County, New Mexico

Please be advised that ownership and operator are common between the spacing unit containing the unorthodox well (BC Federal #27 - Unit A) and the adjoining spacing unit (Unit B) with COG owning/operating depths from base of the Grayburg to top of the Wolfcamp. ConocoPhillips owns/operates the remaining depths.

These spacing units (covering N/2 NE/4 Section 20, T17S, R32E) are included in BLM lease LC-29405A which covers additional lands.