

DATE IN 11/13/07	SUSPENSE	ENGINEER Brooks	LOGGED IN 11/13/07	TYPE NSL	APP NO. PKVR 0731743067
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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 LLC
 MC Federal #17

34

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

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[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

Phyllis A. Edwards
 Signature

REGULATORY ANALYST
 Title

11/9/07
 Date

pedwards@conchoresources.com
 e-mail Address

**M C Federal #17
Lea County, NM**

sent 1/14/14

COG proposes to drill a **VERTICAL** NE /4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7400'

Location: 1500' FNL & 2310' FEL Sec 21, T17S, R32E, Unit G

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 M C Federal #11 (2460' FSL & 2210' FEL, Section 21, UL J) which was
completed in August 2007.

The M C Federal #11 completion broke the Yeso up into 3 perf/stimulation
intervals. M C Federal #11 has perms from: 5981' – 6854' overall, but broken up
into 3 separate intervals, with 3 separate fracs

1st interval: 5981' – 6104',
acidized w/ 2000 gals,
frac'd w/ 98,658 gals gel, 8,000 # LiteProp, 96,680# 16/30 sand.

2nd interval: 6206' – 6527',
acidized w/ 2500 gals,
frac'd w/ 91,018# gal gel, 8000# LiteProp, & 88,500 gals 16/30 sand.

3rd interval: 6627' – 6854',
acidized w/ 1750 gals,
frac'd w/ 103,543# gal gel, 8000# LiteProp, & 89,800 gals 16/30 sand.

At this time, we assume the M C Federal #17 should be very similar.

**Attachment 1
Plat**

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

**Attachment 3
Updated land plat showing offset acreage.
The acreage we are encroaching is the NW / 4 of the NE / 4 of Section 21.
COG owns both UL B & G of Section 21..
Interests are the same.**

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

State of New Mexico

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

Energy, Minerals and Natural Resources Department

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

DISTRICT II

600 N. GRAND AVENUE, ARTESIA, NM 88210

OIL CONSERVATION DIVISION

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		Pool Code	Pool Name
		97608	MAL JAMAR; YESO
Property Code	Property Name		Well Number
302519	MC FEDERAL		17
OGRID No.	Operator Name		Elevation
229137	COG OPERATING, LLC		4059'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	21	17-S	32-E		1500	NORTH	2310	EAST	LEA

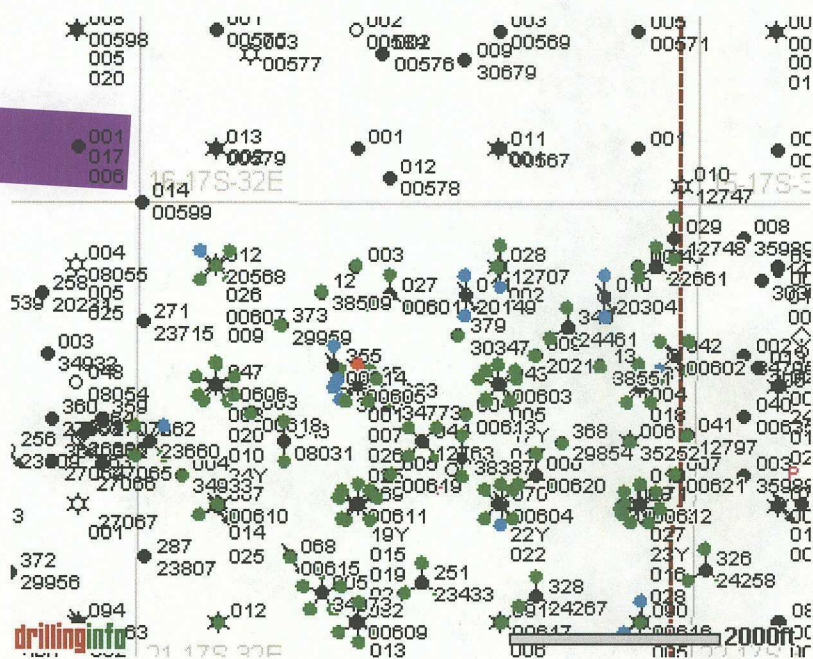
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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 Y=663630.6 N X=673097.9 E LAT.=32.823139° N LONG.=103.769855° 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. <i>Phyllis A. Edwards</i> 10-5-07 Signature Date Phyllis A. Edwards Printed Name Regulatory Analyst
	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 24, 2007 Date Surveyed AR <i>Ronald J. Eidson</i> Signature of Professional Surveyor 3239 Professional Surveyor 10/04/07 Date
	Certificate No. GARY EIDSON 12641 RONALD J. EIDSON 3239



M C Federal 17 Offset Wells

API#	Operator	Lease	Well#	County	Legal	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Status
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (QUEEN)	QUEEN	6,010	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES	6,010	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (ABO)	ABO	6,010	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (YATES)	YATES	6,010	Pumping
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)			Pumping
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	Dec 1990	MALJAMAR	GRAYBURG-SAN ANDRES		Temporarily A
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	Dec 1973	MALJAMAR GRAYBURG SA REP (ABOLISHED)			Temporarily A
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)			Pumping
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Injection Well
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S:21, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	4,106	Injection Well
	CONOCOPHILLIPS	MCA			S:21,					

30-025-00605	COMPANY	UNIT	045 LEA	T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	4,106	Injection Well
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047 LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0	Pumping
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047 LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	0	Pumping
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026 LEA	S:21, T:17S, R:32E	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026 LEA	S:21, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)		Injection Well
30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093 LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0	Pumping
30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093 LEA	S:21, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092 LEA	S:21, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092 LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0	Pumping
30-025-00610	CONOCOPHILLIPS COMPANY	MCA UNIT	067 LEA	S:21, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	0	Injection Well
30-025-00610	CONOCOPHILLIPS COMPANY	MCA UNIT	067 LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Injection Well
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069 LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069 LEA	S:21, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	0	Pumping
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071 LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071 LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping

30-025-00615	CONOCO, INC.	MCA UNIT	068	LEA	T:17S, R:32E	Nov 1963	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily A
30-025-00616	CONOCO, INC.	MCA UNIT	090	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)			0 Pumping
30-025-00616	CONOCO, INC.	MCA UNIT	090	LEA	S:21, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-00618	CONOCOPHILLIPS COMPANY	BAISH A	003	LEA	S:21, T:17S, R:32E	Aug 2007	BAISH	YATES	Pumping
30-025-00619	CONOCOPHILLIPS COMPANY	BAISH A	005	LEA	S:21, T:17S, R:32E	May 2007	BAISH	YATES	Pumping
30-025-08031	CONOCOPHILLIPS COMPANY	MCA UNIT	046	LEA	S:21, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	4,117 Temporarily A
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,117 Temporarily A
30-025-12763	CONOCOPHILLIPS COMPANY	MCA UNIT	044	LEA	S:21, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-12797	CONOCO, INC.	MCA UNIT	041	LEA	S:21, T:17S, R:32E	Dec 1990	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-20522	CONOCOPHILLIPS COMPANY	MCA UNIT	234	LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S:21, T:17S, R:32E	May 2007	BAISH	WOLFCAMP	Pumping
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S:21, T:17S, R:32E	Aug 2007	MALJAMAR	ABO	Pumping
30-025-22661	CONOCOPHILLIPS COMPANY	MCA UNIT	245	LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-23433	CONOCOPHILLIPS COMPANY	MCA UNIT	251	LEA	S:21, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
					S:21,				

30-025-23660	CONOCO, INC.	MCA UNIT	262 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24258	CONOCOPHILLIPS COMPANY	MCA UNIT	326 LEA	S:21, T:17S, R:32E	Aug 2007 MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24267	CONOCOPHILLIPS COMPANY	MCA UNIT	328 LEA	S:21, T:17S, R:32E	Aug 2007 MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24461	CONOCO, INC.	MCA UNIT	340 LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily A
30-025-29854	CONOCOPHILLIPS COMPANY	MCA UNIT	368 LEA	S:21, T:17S, R:32E	May 2007 MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-29959	CONOCOPHILLIPS COMPANY	MCA UNIT	373 LEA	S:21, T:17S, R:32E	Aug 2002 MALJAMAR	GRAYBURG-SAN ANDRES	4,350 Pumping
30-025-30347	CONOCOPHILLIPS COMPANY	MCA UNIT	379 LEA	S:21, T:17S, R:32E	Feb 2007 MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-34773	CHEVRON USA, INC.	MC FEDERAL	003 LEA	S:21, T:17S, R:32E	May 2007 MALJAMAR	PADDOCK	5,952 Pumping
30-025-34933	CHEVRON USA, INC.	MC FEDERAL	004 LEA	S:21, T:17S, R:32E	May 2007 MALJAMAR	PADDOCK	5,982 Pumping
30-025-34973	CHEVRON USA, INC.	MC FEDERAL	005 LEA	S:21, T:17S, R:32E	Jul 2003 MALJAMAR	PADDOCK	6,010 Pumping
30-025-35252	CHEVRON USA, INC.	MC FEDERAL	006 LEA	S:21, T:17S, R:32E	May 2007 MALJAMAR	DEVONIAN	15,026 Pumping
30-025-00622	CONOCO, INC.	BAISH A	008 LEA	S:21, T:17S, R:32E	Dec 1969 MALJAMAR	ABO	Active
30-025-00613	CONOCO, INC.	BAISH A	004 LEA	S:21, T:17S, R:32E	Apr 1970 BAISH	YATES	Active
30-025-00620	CONOCO, INC.	BAISH A	006 LEA	S:21, T:17S, R:32E	Nov 1969 BAISH	YATES	Active
30-025-12748	CONOCO, INC.	MCA UNIT	029 LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
				S:21,			

30-025-00614	CONOCO, INC.	MCA UNIT	355 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Unknown
30-025-22661		MCA UNIT BATTERY 2	245 LEA	S:21, T:17S, R:32E	Dec 1976 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-22661		MCA UNIT BATTERY 2	245 LEA	S:21, T:17S, R:32E	Dec 1993 MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-20304		BAISH A	010 LEA	S:21, T:17S, R:32E	BAISH	YATES	Unknown
30-025-12748		MCA UNIT BATTERY 2	029 LEA	S:21, T:17S, R:32E	Jan 1974 MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-20149		BAISH A	011 LEA	S:21, T:17S, R:32E	BAISH	YATES	Unknown
30-025-00606		MCA UNIT BATTERY 2	047 LEA	S:21, T:17S, R:32E	Dec 1974 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23660		MCA UNIT BATTERY 1	262 LEA	S:21, T:17S, R:32E	Dec 1976 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-23660		MCA UNIT BATTERY 1	262 LEA	S:21, T:17S, R:32E	Oct 1990 MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00606		MCA UNIT BATTERY 21	047 LEA	S:21, T:17S, R:32E	BAISH	YATES	0 Pumping
30-025-00605		MCA UNIT BATTERY 2	045 LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,106 Injection Well
30-025-00605		MCA UNIT BATTERY 2	045 LEA	S:21, T:17S, R:32E	Jul 1965 MALJAMAR	GRAYBURG-SAN ANDRES	4,106 Injection Well
30-025-12763		MCA UNIT BATTERY	044 LEA	S:21, T:17S,	BAISH	YATES	Active

30-025-00000	19	BAISH A	001	LEA	R:32E S:21, T:17S, R:32E	Dec 1969	MALJAMAR	ABO	Active
30-025-00000		BAISH A	001	LEA	S:21, T:17S, R:32E		MALJAMAR	QUEEN (GAS)	Active
30-025-00614		MCA UNIT BATTERY 2	355	LEA	S:21, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Unknown
30-025-24461		MCA UNIT BATTERY 2	340	LEA	S:21, T:17S, R:32E	May 1991	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily A
30-025-24461		MCA UNIT BATTERY 2	340	LEA	S:21, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	Temporarily A
30-025-00603		MCA UNIT BATTERY 20	043	LEA	S:21, T:17S, R:32E		BAISH	YATES	Pumping
30-025-20216		BAISH A	009	LEA	S:21, T:17S, R:32E	Dec 1967	BAISH	YATES	Active
30-025-00602		MCA UNIT BATTERY 2	042	LEA	S:21, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	Temporarily A
30-025-00602		MCA UNIT BATTERY 2	042	LEA	S:21, T:17S, R:32E	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily A
30-025-00000		BAISH A	027	LEA	S:21, T:17S, R:32E	Dec 1962	UND LEA	BOUGH, SOUTH	Active
30-025-00621		BAISH A	007	LEA	S:21, T:17S, R:32E	Dec 1971	BAISH	YATES	Active
30-025-00611		MCA UNIT BATTERY 2	069	LEA	S:21, T:17S, R:32E	Dec 1974	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping
30-025-20522		MCA UNIT	234	LEA	S:21, T:17S,	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping

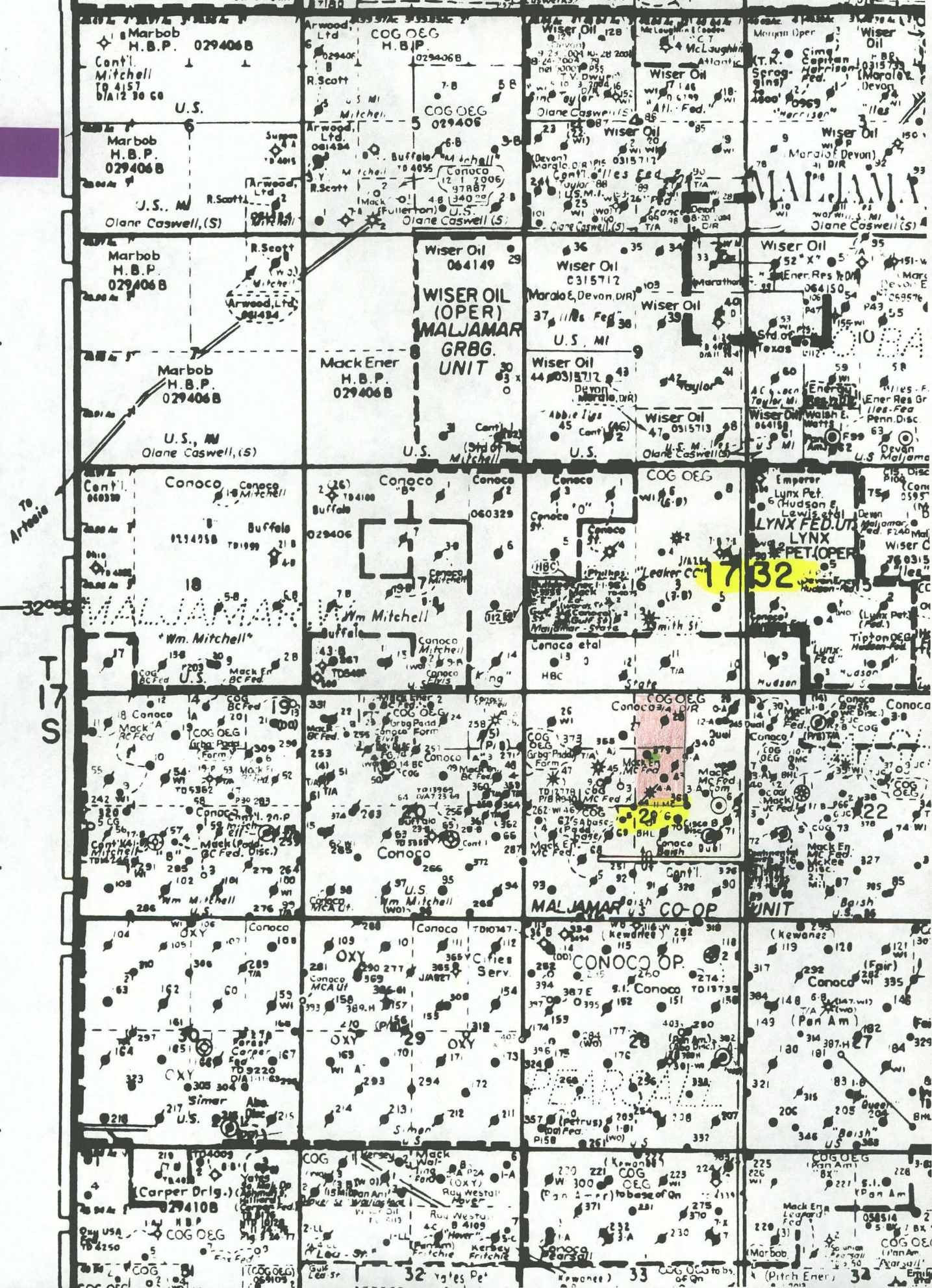
30-025-12763	CONTINENTAL OIL COMPANY	UNIT BATTERY 2	044 LEA	S:21, T:17S, R:32E	Dec 1968	MALJAMAR REPRESS	Active
30-025-08031	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	046 LEA	S:21, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Pumping
30-025-00606	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	047 LEA	S:21, T:17S, R:32E	Dec 1968	MALJAMAR REPRESS	0 Pumping
30-025-00610	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	067 LEA	S:21, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Injection Well
30-025-00611	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	069 LEA	S:21, T:17S, R:32E	Dec 1968	MALJAMAR REPRESS	0 Pumping
30-025-00616	CONTINENTAL OIL COMPANY	MCA UNI BATTERY 2	090 LEA	S:21, T:17S, R:32E	Sep 1969	MALJAMAR REPRESS	0 Pumping
30-025-00609	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	092 LEA	S:21, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Pumping
30-025-00608	CONTINENTAL OIL COMPANY	MCA UNI BATTERY 2	093 LEA	S:21, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Pumping
30-025-00000	BUFFALO OIL COMPANY	BAISH A	17Y LEA	S:21, T:17S, R:32E	Dec 1952	BAISH	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y LEA	S:21, T:17S, R:32E	Dec 1957	BAISH	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	19Y LEA	S:21, T:17S, R:32E	Dec 1957	BAISH	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	22Y LEA	S:21, T:17S, R:32E	Dec 1957	BAISH	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	23Y LEA	S:21, T:17S, R:32E	Dec 1957	BAISH	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	001 LEA	S:21, T:17S,	Dec 1962	MALJAMAR REPRESSURING POOL	Active

30-025-00000	BUFFALO OIL COMPANY	BAISH A	002 LEA	R:32E S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	003 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSUR POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	004 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSUR POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	012 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH A	013 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH A	014 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	015 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	016 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH A	020 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	005 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	006 LEA	S:21, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	17Y LEA	S:21, T:17S, R:32E	Oct 1953	BAISH POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y LEA	S:21, T:17S, R:32E	Dec 1954	BAISH POOL.	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y LEA	S:21, T:17S, R:32E	Dec 1955	BAISH POOL	Active
30-025-00000	BUFFALO OIL	BAISH A	19Y LEA	S:21, T:17S,	Dec 1955	BAISH POOL	Active

30-025-00612	CONTINENTAL OIL CO	UNIT BATTERY 3	071 LEA	S:21, T:17S, R:32E	Dec 1971	MALJAMAR GRAYBURG SA REPRES	Pumping
30-025-00000	BUFFALO OIL COMPANY	BAISH A	025 LEA	S:21, T:17S, R:32E	May 1954	PLUGGED & ABANDONED	Active
30-025-00000	CONTINENTAL OIL CO	BAISH A FED	027 LEA	S:21, T:17S, R:32E	Dec 1961	MALJAMAR ABO DEPTH RANGE	Active
30-025-00000	CONTINENTAL OIL	BAISH A Y FED	022 LEA	S:21, T:17S, R:32E	Dec 1961	BAISH BLINEBRY	Active
30-025-00000	CONTINENTAL OIL CO	BAISH A Y FED	023 LEA	S:21, T:17S, R:32E	Dec 1961	BAISH BLINEBRY	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	005 LEA	S:21, T:17S, R:32E	Dec 1948	MALJAMAR REPRESSURING POOL	Active
30-025-00620	BUFFALO OIL CO.	BAISH A	006 LEA	S:21, T:17S, R:32E	Dec 1948	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	007 LEA	S:21, T:17S, R:32E	Dec 1948	MALJAMAR REPRESSURING POOL	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	022 LEA	S:21, T:17S, R:32E	Dec 1962	BAISH YATES	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	023 LEA	S:21, T:17S, R:32E	Dec 1962	BAISH YATES	Active
30-025-38387	CHEVRON USA, INC.	MC FEDERAL	11 LEA	S:21, T:17S, R:32E		MALJAMAR	7,000 Active Permit
30-025-38509	CHEVRON USA, INC.	MC FEDERAL	12 LEA	S:21, T:17S, R:32E		MALJAMAR	7,100 Active Permit
30-025-38387	CHEVRON USA, INC.	MC FEDERAL	11 LEA	S:21, T:17S, R:32E		WILDCAT G-02 S173222E	7,000 Active Permit
30-025-20149	STEVENS OPERATING CORPORATION	PRE-ONGARD WELL	011 LEA	S:21, T:17S, R:32E		MALJAMAR	Unknown
30-025-20304	STEVENS OPERATING CORPORATION	PRE-ONGARD WELL	010 LEA	S:21, T:17S, R:32E		MALJAMAR	Unknown

30-025-38551	COG OPERATING LLC	MC FEDERAL	13 LEA	S:21, T:17S, R:32E	MALJAMAR	PADDOCK	7,100 Active Permit
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Gulf - 11-11-62
Leo - (101)
Yates Pet



Date: November 9, 2007

To: Phyllis Edwards

From: Thena Anderson

RE: Unorthodox Location – MC Federal #17
Section 21, T17S, R32E
Lea County, New Mexico

Please be advised that ownership and operator are common between the spacing unit containing the unorthodox well (MC Federal #17 - Unit G) and the adjoining spacing unit (Unit B) with COG owning/operating rights from below base of Grayburg/San Andres to top of the Abo and from base of Wolfcamp to 15,126'. ConocoPhillips owns/operates the remaining depths.

These spacing units (covering W/2 NE/4 Section 21, T17S, R32E) are included in BLM lease LC-29509A which covers additional lands.