

DATE IN	SUSPENSE	ENGINEER Brooks	LOGGED IN 11/9/07	TYPE NSL	APP NO. PKVR 0731328466
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11/15/07

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 #20

33

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

2007 NOV 6 AM 10:44
RECEIVED

[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

11/5/07

B C Federal #20
Lea County, NM

~~NE 1/4~~ (C)
NE 1/4 (NW) (A)

COG proposes to drill a **VERTICAL** NE 1/4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7200'

Location: 990' FNL & 2560' FWL Sec 19, T17S, R32E, Unit C

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 #20 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 / 4 of the NE / 4 of Section 19.
COG owns both UL B & C of Section 19.
Interests are the same.

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

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

100 El Estero Rd., Aztec, NM 87410

DISTRICT IV

1220 S. ST. FRANCIS DR., SANTA FE, NM 87505

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 20
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3962'

Surface Location

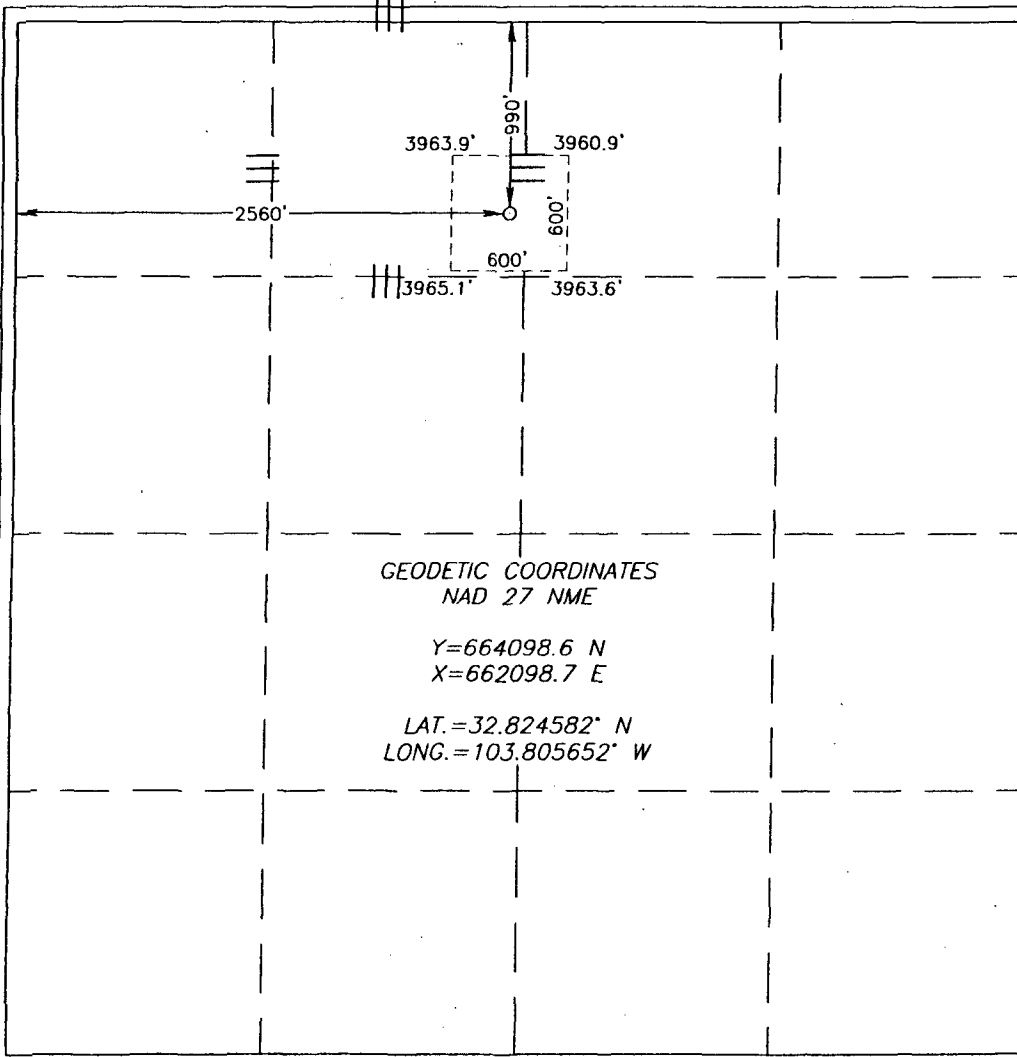
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	19	17-S	32-E		990	NORTH	2560	WEST	LEA

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



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.

Phyllis A. Edwards 10-11-07
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 27, 2007

Date Surveyed AR
Signature & Seal of Professional Surveyor

Ronald J. Eidson 10/10/07
3239
07-11-1034

Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

SEC. 19 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

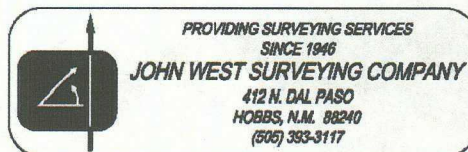
DESCRIPTION 990' FNL & 2560' FWL

ELEVATION 3962'

OPERATOR COG OPERATING, LLC

LEASE BC FEDERAL

U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.



Offset Wells - B C Federal 20

API#	Operator	Lease	Well#	County	Legal	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Status
30-025-08028	CONOCOPHILLIPS COMPANY	MCA UNIT	019	LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Pumping
30-025-08028	CONOCOPHILLIPS COMPANY	MCA UNIT	019	LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-08029	CONOCOPHILLIPS COMPANY	MCA UNIT	020	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Temporarily /
30-025-08029	CONOCOPHILLIPS COMPANY	MCA UNIT	020	LEA	S:19, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)			Temporarily /
30-025-08030	CONOCOPHILLIPS COMPANY	MCA UNIT	021	LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Pumping
30-025-08030	CONOCOPHILLIPS COMPANY	MCA UNIT	021	LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-08032	CONOCO, INC.	MCA UNIT	259	LEA	S:19, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping
30-025-08032	CONOCO, INC.	MCA UNIT	259	LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)			Pumping
30-025-08035	CONOCOPHILLIPS COMPANY	MCA UNIT	060	LEA	S:19, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0	Shut-in
30-025-08036	CONOCO, INC.	MCA UNIT	018	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Injection Well
30-025-08037	CONOCO, INC.	MCA UNIT	052	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-08037	CONOCO, INC.	MCA UNIT	052	LEA	S:19, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Pumping
30-025-08038	CONOCOPHILLIPS COMPANY	MCA UNIT	053	LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)			Temporarily /
	CONOCOPHILLIPS				S:19,					

30-025-08038	COMPANY	MCA UNIT	053 LEA	T:17S, R:32E	Nov 1997	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily /
30-025-08039	CONOCOPHILLIPS COMPANY	MCA UNIT	054 LEA	S:19, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)			Temporarily /
30-025-08039	CONOCOPHILLIPS COMPANY	MCA UNIT	054 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily /
30-025-08040	CONOCOPHILLIPS COMPANY	MCA UNIT	055 LEA	S:19, T:17S, R:32E	Feb 1994	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-08042	CONOCOPHILLIPS COMPANY	MCA UNIT	059 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0 Injection Well
30-025-08044	CONOCOPHILLIPS COMPANY	MCA UNIT	057 LEA	S:19, T:17S, R:32E	Aug 2002	MALJAMAR	GRAYBURG-SAN ANDRES	0 Temporarily /
30-025-08044	CONOCOPHILLIPS COMPANY	MCA UNIT	057 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		
30-025-08046	CONOCOPHILLIPS COMPANY	MCA UNIT	056 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0 Temporarily /
30-025-23743	CONOCOPHILLIPS COMPANY	MCA UNIT	283 LEA	S:19, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	4,075 Pumping
30-025-23745	CONOCOPHILLIPS COMPANY	MCA UNIT	285 LEA	S:19, T:17S, R:32E	Aug 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23836	CONOCOPHILLIPS COMPANY	MCA UNIT	291 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-24214	CONOCOPHILLIPS COMPANY	MCA UNIT	320 LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-35481	MACK ENERGY CORP	BC FEDERAL	406 LEA	S:19, T:17S, R:32E	Jan 2007	MALJAMAR PADDOCK		
30-025-35652	COG OPERATING LLC	BC FEDERAL	6 LEA	S:19, T:17S, R:32E	Aug 2007	MALJAMAR	PADDOCK	7,562 Pumping
30-025-35814	CHEVRON USA, INC.	GC FEDERAL	001 LEA	S:19, T:17S, R:32E	Jul 2007	MALJAMAR	PADDOCK	7,085 Pumping

30-025-35935	COG OPERATING LLC	GC FEDERAL	004 LEA	T:17S, R:32E	Aug 2007	MALJAMAR	PADDOCK	6,280	Active
30-025-22247	CONOCO, INC.	MCA UNIT	242 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Unknown
30-025-08036		MCA UNIT BATTERY 1	018 LEA	S:19, T:17S, R:32E	Oct 1967	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES		Injection Well
30-025-08036		MCA UNIT BATTERY 1	018 LEA	S:19, T:17S, R:32E	Dec 1966	MALJAMAR	GRAYBURG-SAN ANDRES		Injection Well
30-025-08040		MCA UNIT BATTERY 1	055 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Pumping
30-025-08040		MCA UNIT BATTERY 1	055 LEA	S:19, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-24095		MCA UNIT BATTERY 1	309 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Active
30-025-08032		MCA UNIT BATTERY 1	259 LEA	S:19, T:17S, R:32E	May 1973	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES		Pumping
30-025-08032		MCA UNIT BATTERY 1	259 LEA	S:19, T:17S, R:32E	Jun 1989	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping
30-025-23743		MCA UNIT BATTERY 1	283 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,075	Pumping
30-025-23743		MCA UNIT BATTERY 1	283 LEA	S:19, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,075	Pumping
30-025-00000		MITCHELL B	014 LEA	S:19, T:17S, R:32E		MALJAMAR	PADDOCK		PreOngard
30-025-08042		MCA UNIT BATTERY 1	059 LEA	S:19, T:17S, R:32E	May 1968	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-08042		MCA UNIT BATTERY 1	059 LEA	S:19, T:17S, R:32E	Dec 1966	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-23745		MCA UNIT BATTERY 1	285 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Pumping
		MCA UNIT		S:19,					

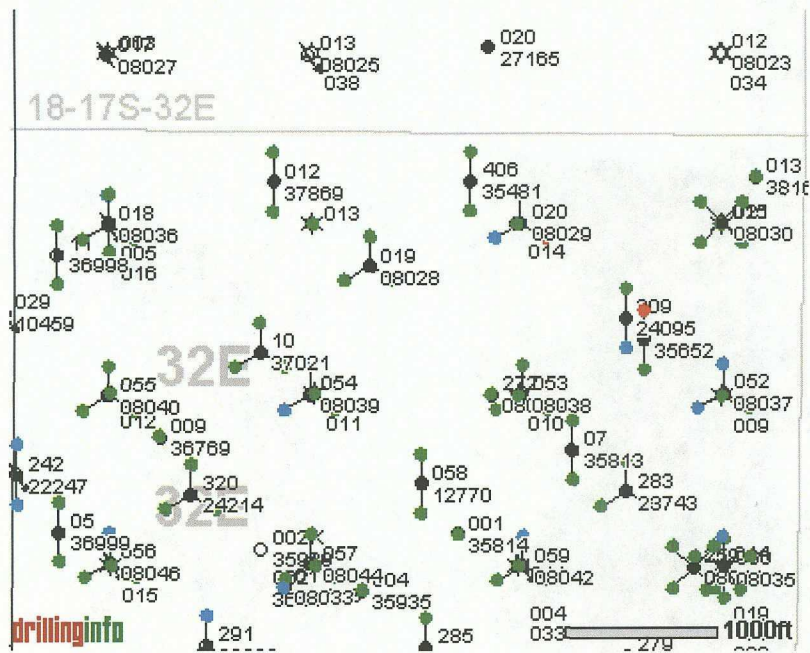
30-025-23745	BATTERY 1	285 LEA	T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-12770	MCA UNIT BATTERY 1	058 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08046	MCA UNIT BATTERY 1	056 LEA	S:19, T:17S, R:32E	Oct 1974	MALJAMAR	GRAYBURG-SAN ANDRES	0 Temporarily /
30-025-08046	MCA UNIT BATTERY 1	056 LEA	S:19, T:17S, R:32E	Oct 1974	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Temporarily /
30-025-23836	MCA UNIT BATTERY 1	291 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-23836	MCA UNIT BATTERY 1	291 LEA	S:19, T:17S, R:32E	Dec 1975	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Injection Well
30-025-24214	MCA UNIT BATTERY 1	320 LEA	S:19, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-24214	MCA UNIT BATTERY 1	320 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping
30-025-22247	MCA UNIT BATTERY 1	242 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Unknown
30-025-12770	MCA UNIT	058 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08034	MCA UNIT	272 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-35813	BC FEDERAL	07 LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	6,620 Active
30-025-36769	BC FEDERAL	009 LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	6,005 Active
30-025-36999	GC FEDERAL	05 LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK	7,220 Active
30-025-08028	MCA UNIT BATTERY 1	019 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS		0 Pumping
	MCA UNIT		S:19,				

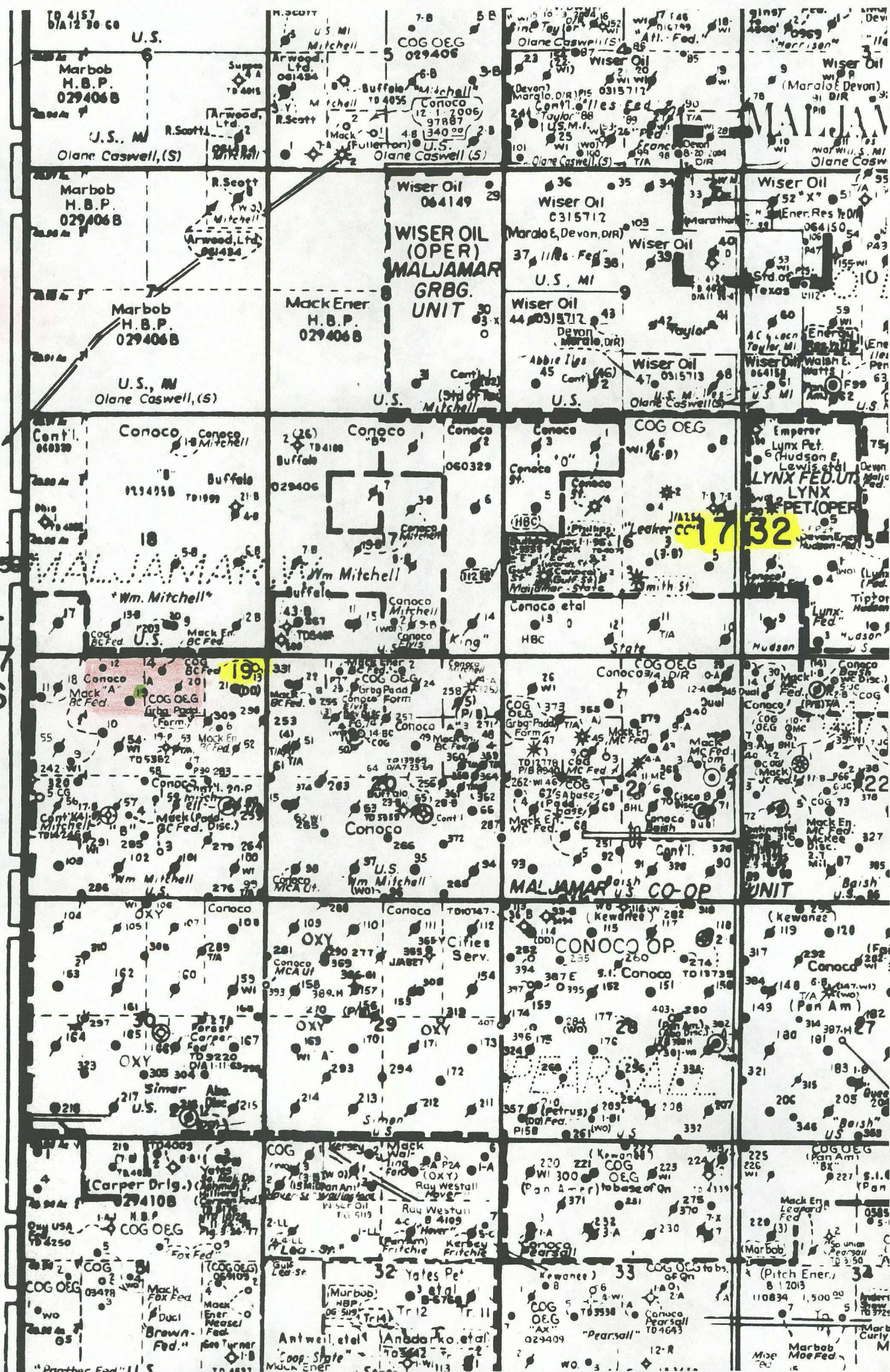
30-025-08029	CONTINENTAL OIL COMPANY	BATTERY 1	020 LEA	T:17S, R:32E	Jul 1968	MALJAMAR REPRESS	Temporarily /
30-025-08037	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	052 LEA	S:19, T:17S, R:32E	Jul 1969	MALJAMAR REPRESS	0 Pumping
30-025-08038	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	053 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	Temporarily /
30-025-08039	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	054 LEA	S:19, T:17S, R:32E	Jul 1969	MALJAMAR REPRESS	Temporarily /
30-025-08044	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	057 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Temporarily /
30-025-08035	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	060 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Shut-in
30-025-08030	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	021 LEA	S:19, T:17S, R:32E	Dec 1969	MALJAMAR REPRESS	0 Pumping
30-025-00000	BUFFALO	MITCHELL B	019 LEA	S:19, T:17S, R:32E	Dec 1953	MALJAMAR	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	005 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	009 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	010 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	011 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	012 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	013 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL A	014 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
				S:19,			

GRAYBURG-SAN ANDRES

30-025-00000	BUFFALO CONT'D.	MITCHELL A	015 LEA	T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO CONT'D.	MITCHELL B	009 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING P OOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHEL B	011 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	013 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	015 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	MITCHELL B	020 LEA	S:19, T:17S, R:32E	Nov 1958	MALJAMAR-PADDOCK	Active
30-025-00000	BUFFALO OIL COMPANY	MITCHELL	20P LEA	S:19, T:17S, R:32E	Dec 1955	MALJAMAR PADDOCK POOL	Active
30-025-00000	BUFFALO OIL CO.	MITCHELL A	016 LEA	S:19, T:17S, R:32E	Dec 1946	MALJAMAR REPRESSURING OIL	Active
30-025-08030	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	021 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR GRAYBURG SA REPRES	0 Pumping
30-025-37021	MACK ENERGY CORP	BC FEDERAL	10 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES 6,710 Active Permit
30-025-37021	CHEVRON USA, INC.	BC FEDERAL	10 LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK 6,710 Active Permit
30-025-36998	COG OPERATING LLC	BC FEDERAL	11 LEA	S:19, T:17S, R:32E	Aug 2007	MALJAMAR	PADDOCK 67,209 Active Permit
30-025-37869	CHEVRON USA, INC.	BC FEDERAL	012 LEA	S:19, T:17S, R:32E	Nov 2006	MALJAMAR PADDOCK	6,700 Active Permit
30-025-37869	CHEVRON USA, INC.	BC FEDERAL	012 LEA	S:19, T:17S, R:32E	Jul 2007	MALJAMAR	PADDOCK 6,700 Active Permit
30-025-35481	CHEVRON USA, INC.	BC FEDERAL	406 LEA	S:19, T:17S, R:32E	May 2007	MALJAMAR	PADDOCK 5,600 Pumping

30-025-38164	CHEVRON USA, INC.	BC FEDERAL	013 LEA	T:17S, R:32E	WILDCAT G-02 S173219A, YESO	6,700	Active Permit
30-025-36998	MACK ENERGY CORPORATION	BC FEDERAL	11 LEA	S:19, T:17S, R:32E	MALJAMAR PADDOCK	67,209	Active Permit
30-025-36999	MACK ENERGY CORPORATION	GC FEDERAL	05 LEA	S:19, T:17S, R:32E	MALJAMAR PADDOCK	7,220	Active
30-025-35652	MACK ENERGY CORPORATION	BC FEDERAL	6 LEA	S:19, T:17S, R:32E	MALJAMAR PADDOCK	7,562	Pumping
30-025-37021	MACK ENERGY CORPORATION	BC FEDERAL	10 LEA	S:19, T:17S, R:32E	MALJAMAR PADDOCK	6,710	Active Permit
30-025-35813	MACK ENERGY CORPORATION	BC FEDERAL	07 LEA	S:19, T:17S, R:32E	MALJAMAR PADDOCK	6,620	Active
30-025-24095	STEVENS OPERATING CORPORATION	PRE- ONGARD WELL	309 LEA	S:19, T:17S, R:32E	MALJAMAR GRAYBURG-SAN ANDRES		Active
30-025-08033	STEVENS OPERATING CORPORATION	PRE- ONGARD WELL	017 LEA	S:19, T:17S, R:32E	MALJAMAR PADDOCK	14,230	Active





Date: October 30, 2007

To: Phyllis Edwards

From: Thena Anderson

RE: Unorthodox Location
BC Federal #20
Lea County, New Mexico

Please be advised that ownership and operator are common between the spacing unit containing the unorthodox well (BC Federal #20 - Unit C) 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 NE/4 NW/4 and NW/4 NE/4 Section 19, T17S, R32E) are included in BLM lease LC-29405A which covers additional lands.