

11/6/07 DATE IN	SUSPENSE	Brooks ENGINEER	11/9/07 LOGGED IN	NSL TYPE	PKUR 0731328672 APP NO.
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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
MC Federal #18

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]

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[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

11/5/07
Date

pedwards@conchoresources.com
e-mail Address

NE 1/4

**M C Federal #18
Lea County, NM**

COG proposes to drill a **VERTICAL** NE /4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7350'

Location: 330' FNL & 1140' FEL Sec 21, T17S, R32E, Unit A

This well had to be drilled at a non-standard location
due to pipeline constrictions.

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 #18 should be very similar.

Attachment 1

Plat, & plat showing pipeline

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 A & B of Section 21 for depths mentioned on the land plat.
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

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

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 97608	Pool Name MALJAMAR; YESO
Property Code 302519	Property Name MC FEDERAL	Well Number 18
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4018'

Surface Location

UL or lot No. A	Section 21	Township 17-S	Range 32-E	Lot Idn	Feet from the 330	North/South line NORTH	Feet from the 1140	East/West line EAST	County LEA
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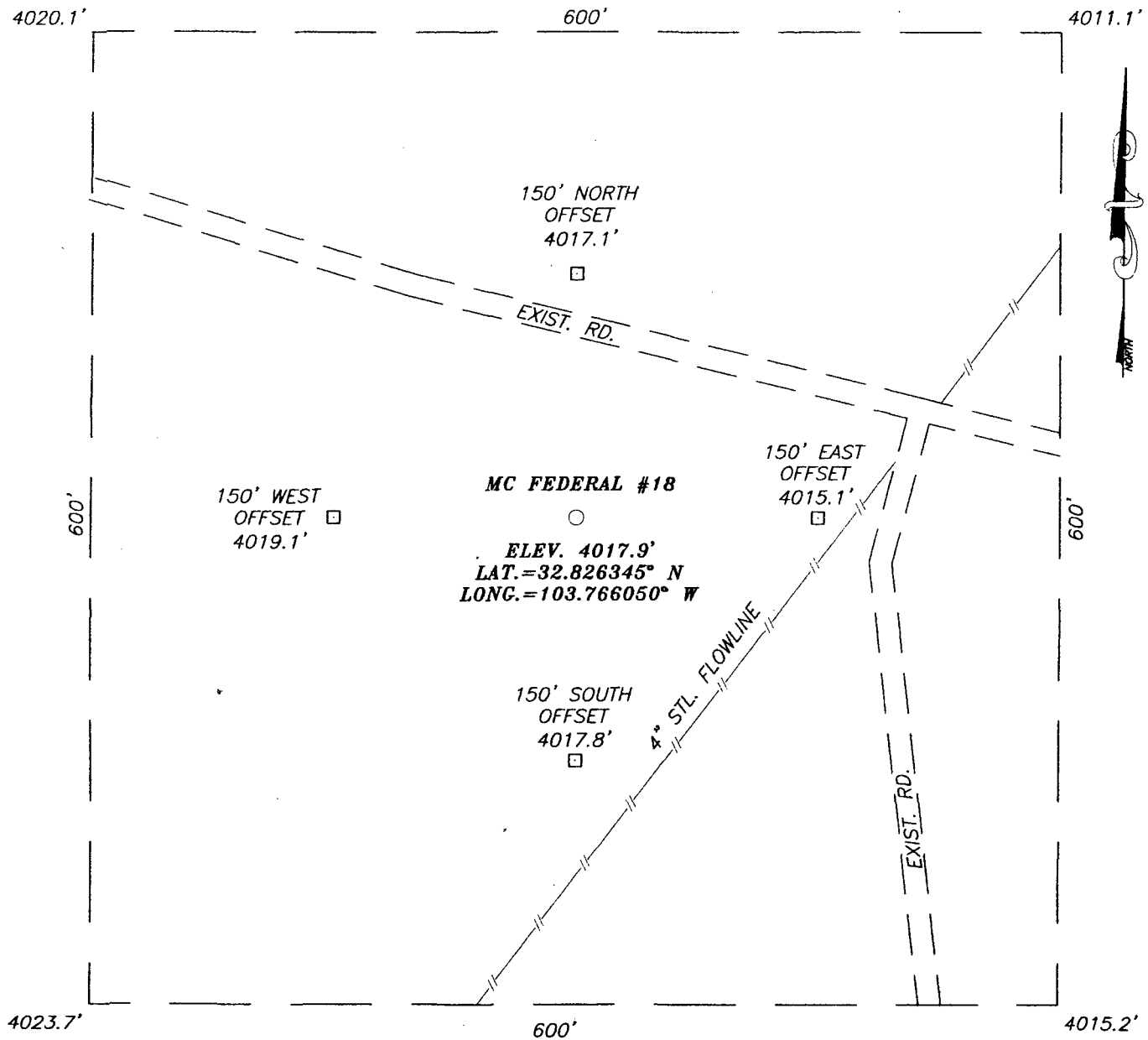
Bottom Hole Location If Different From Surface

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

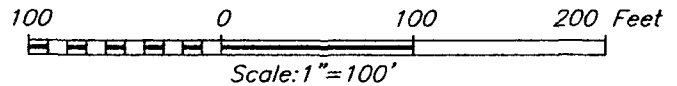
DETAIL 4020.1' 4011.1' 600' 4023.7' 4015.2' 600' SEE DETAIL 330' 1140'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including 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> 10-14-07 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. RONALD J. EIDSON Date Surveyed Signature & Seal of Professional Surveyor 3239 10/12/07 Certificate No. GARY EIDSON 12841 RONALD J. EIDSON 3239
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SECTION 21, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #529 AND CO. RD. #L126 (MALJAMAR RD.), GO NORTH ON MALJAMAR RD. APPROX. 2.6 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES. THIS LOCATION IS SOUTH APPROX. 130 FEET.



COG OPERATING, LLC

MC FEDERAL #18 WELL
LOCATED 330 FEET FROM THE NORTH LINE
AND 1140 FEET FROM THE EAST LINE OF SECTION 21,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 10/5/07	Sheet 1 of 1 Sheets
W.O. Number: 07.11.1025	Dr By: DSS
Date: 10/10/07	Disk: 07111025
	Rev 1: N/A
	Scale: 1"=100'

PROVIDING SURVEYING SERVICES
SINCE 1948
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

Offset Wells - M C Federal 18

API#	Operator	Lease	Well#	County	Legal	Avg. Cumulative (BO/D) Gas1970>	Field Name	Reservoir Name	Total Depth
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (QUEEN)	QUEEN	6,010
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES	6,010
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (ABO)	ABO	6,010
30-025-34973	MACK ENERGY CORP	Unknown	005	LEA	S:21, T:17S, R:32E		Unknown (YATES)	YATES	6,010
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	6.26	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	38.77	MALJAMAR GRAYBURG SA REP (ABOLISHED)		
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	0.00	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	0.03	MALJAMAR GRAYBURG SA REP (ABOLISHED)		
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	1.77	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	21.55	MALJAMAR GRAYBURG SA REP (ABOLISHED)		
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E	20.39	0 MALJAMAR	GRAYBURG-SAN ANDRES	0
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E	0	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S:21, T:17S, R:32E	4.16	33,473 MALJAMAR	GRAYBURG-SAN ANDRES	4,106
	CONOCOPHILLIPS	MCA			S:21,				

30-025-00605	COMPANY	UNIT	045 LEA	T:17S, R:32E	77.58	7,543	MALJAMAR GRAYBURG SA REP(ABOLISHED)	4,106
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047 LEA	S:21, T:17S, R:32E	12.94	107,467	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047 LEA	S:21, T:17S, R:32E	1.84	116,853	MALJAMAR GRAYBURG-SAN ANDRES	0
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026 LEA	S:21, T:17S, R:32E	1.71	0	MALJAMAR GRAYBURG-SAN ANDRES	
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026 LEA	S:21, T:17S, R:32E		0	MALJAMAR GRAYBURG SA REP(ABOLISHED)	
30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093 LEA	S:21, T:17S, R:32E	20.48	21,776	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0
30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093 LEA	S:21, T:17S, R:32E	6.58	38,354	MALJAMAR GRAYBURG-SAN ANDRES	0
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092 LEA	S:21, T:17S, R:32E	1.65	171,681	MALJAMAR GRAYBURG-SAN ANDRES	0
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092 LEA	S:21, T:17S, R:32E	30.16	53,109	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0
30-025-00610	CONOCOPHILLIPS COMPANY	MCA UNIT	067 LEA	S:21, T:17S, R:32E		0	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0
30-025-00610	CONOCOPHILLIPS COMPANY	MCA UNIT	067 LEA	S:21, T:17S, R:32E		42,042	MALJAMAR GRAYBURG-SAN ANDRES	0
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069 LEA	S:21, T:17S, R:32E	3.58	50,377	MALJAMAR GRAYBURG-SAN ANDRES	0
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069 LEA	S:21, T:17S, R:32E		0	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071 LEA	S:21, T:17S, R:32E	2.87	143,274	MALJAMAR GRAYBURG-SAN ANDRES	
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071 LEA	S:21, T:17S, R:32E	24.68	59,577	MALJAMAR GRAYBURG SA REP(ABOLISHED)	
				S:21,				

30-025-00615	CONOCO, INC.	MCA UNIT	068	LEA	T:17S, R:32E	0.00	0	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-00616	CONOCO, INC.	MCA UNIT	090	LEA	S:21, T:17S, R:32E		0	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0
30-025-00616	CONOCO, INC.	MCA UNIT	090	LEA	S:21, T:17S, R:32E		0	MALJAMAR	GRAYBURG-SAN ANDRES	0
30-025-00618	CONOCOPHILLIPS COMPANY	BAISH A	003	LEA	S:21, T:17S, R:32E	2.16	67,175	BAISH	YATES	
30-025-00619	CONOCOPHILLIPS COMPANY	BAISH A	005	LEA	S:21, T:17S, R:32E	3.90	143,005	BAISH	YATES	
30-025-08031	CONOCOPHILLIPS COMPANY	MCA UNIT	046	LEA	S:21, T:17S, R:32E	3.32	10,443	MALJAMAR	GRAYBURG-SAN ANDRES	0
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E	17.26	0	MALJAMAR	GRAYBURG-SAN ANDRES	4,117
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E		0	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,117
30-025-12763	CONOCOPHILLIPS COMPANY	MCA UNIT	044	LEA	S:21, T:17S, R:32E	3.55	88,976	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-12797	CONOCO, INC.	MCA UNIT	041	LEA	S:21, T:17S, R:32E	0.00	9,526	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-20522	CONOCOPHILLIPS COMPANY	MCA UNIT	234	LEA	S:21, T:17S, R:32E		15,497	MALJAMAR	GRAYBURG-SAN ANDRES	0
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S:21, T:17S, R:32E	2.58	579,966	BAISH	WOLFCAMP	
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S:21, T:17S, R:32E	10.10	417,433	MALJAMAR	ABO	
30-025-22661	CONOCOPHILLIPS COMPANY	MCA UNIT	245	LEA	S:21, T:17S, R:32E	2.42	26,886	MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-23433	CONOCOPHILLIPS COMPANY	MCA UNIT	251	LEA	S:21, T:17S, R:32E	1.48	24,897	MALJAMAR	GRAYBURG-SAN ANDRES	
					S:21,					

30-025-23660	CONOCO, INC.	MCA UNIT	262	LEA	T:17S, R:32E	0	MALJAMAR	GRAYBURG-SAN ANDRES	1
30-025-24258	CONOCOPHILLIPS COMPANY	MCA UNIT	326	LEA	S:21, T:17S, R:32E	3.26	20,847	GRAYBURG-SAN ANDRES	1
30-025-24267	CONOCOPHILLIPS COMPANY	MCA UNIT	328	LEA	S:21, T:17S, R:32E	2.48	24,389	GRAYBURG-SAN ANDRES	1
30-025-24461	CONOCO, INC.	MCA UNIT	340	LEA	S:21, T:17S, R:32E		0	GRAYBURG-SAN ANDRES	
30-025-29854	CONOCOPHILLIPS COMPANY	MCA UNIT	368	LEA	S:21, T:17S, R:32E	3.19	66,385	GRAYBURG-SAN ANDRES	,
30-025-29959	CONOCOPHILLIPS COMPANY	MCA UNIT	373	LEA	S:21, T:17S, R:32E	3.42	29,056	GRAYBURG-SAN ANDRES	4,350
30-025-30347	CONOCOPHILLIPS COMPANY	MCA UNIT	379	LEA	S:21, T:17S, R:32E		30,192	GRAYBURG-SAN ANDRES	1
30-025-34773	CHEVRON USA, INC.	MC FEDERAL	003	LEA	S:21, T:17S, R:32E	8.65	35,236	PADDOCK	5,952
30-025-34933	CHEVRON USA, INC.	MC FEDERAL	004	LEA	S:21, T:17S, R:32E	6.71	34,105	PADDOCK	5,982
30-025-34973	CHEVRON USA, INC.	MC FEDERAL	005	LEA	S:21, T:17S, R:32E	0.19	5,564	PADDOCK	6,010
30-025-35252	CHEVRON USA, INC.	MC FEDERAL	006	LEA	S:21, T:17S, R:32E	20.68	1,786	DEVONIAN	15,026
30-025-00622	CONOCO, INC.	BAISH A	008	LEA	S:21, T:17S, R:32E	1.48	0	ABO	,
30-025-00613	CONOCO, INC.	BAISH A	004	LEA	S:21, T:17S, R:32E	3.57	118	BAISH	,
30-025-00620	CONOCO, INC.	BAISH A	006	LEA	S:21, T:17S, R:32E	1.20	0	BAISH	,
30-025-12748	CONOCO, INC.	MCA UNIT	029	LEA	S:21, T:17S, R:32E			GRAYBURG-SAN ANDRES	,
					S:21,				

30-025-00614	CONOCO, INC.	MCA UNIT	355 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	1
30-025-22661		MCA UNIT BATTERY 2	245 LEA	S:21, T:17S, R:32E	23,891 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	1
30-025-22661		MCA UNIT BATTERY 2	245 LEA	S:21, T:17S, R:32E	8.03 43,364 MALJAMAR	GRAYBURG-SAN ANDRES	1
30-025-20304		BAISH A	010 LEA	S:21, T:17S, R:32E	0 BAISH	YATES	1
30-025-12748		MCA UNIT BATTERY 2	029 LEA	S:21, T:17S, R:32E	1.77 2,971 MALJAMAR	GRAYBURG-SAN ANDRES	1
30-025-20149		BAISH A	011 LEA	S:21, T:17S, R:32E	0 BAISH	YATES	1
30-025-00606		MCA UNIT BATTERY 2	047 LEA	S:21, T:17S, R:32E	12.06 31,136 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 1
30-025-23660		MCA UNIT BATTERY 1	262 LEA	S:21, T:17S, R:32E	19.39 185,270 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	1
30-025-23660		MCA UNIT BATTERY 1	262 LEA	S:21, T:17S, R:32E	0.90 1,629 MALJAMAR	GRAYBURG-SAN ANDRES	1
30-025-00606		MCA UNIT BATTERY 21	047 LEA	S:21, T:17S, R:32E	0 BAISH	YATES	0 1
30-025-00605		MCA UNIT BATTERY 2	045 LEA	S:21, T:17S, R:32E	0 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,106 1
30-025-00605		MCA UNIT BATTERY 2	045 LEA	S:21, T:17S, R:32E	46.68 0 MALJAMAR	GRAYBURG-SAN ANDRES	4,106 1
30-025-12763		MCA UNIT BATTERY	044 LEA	S:21, T:17S,	0 BAISH	YATES	1

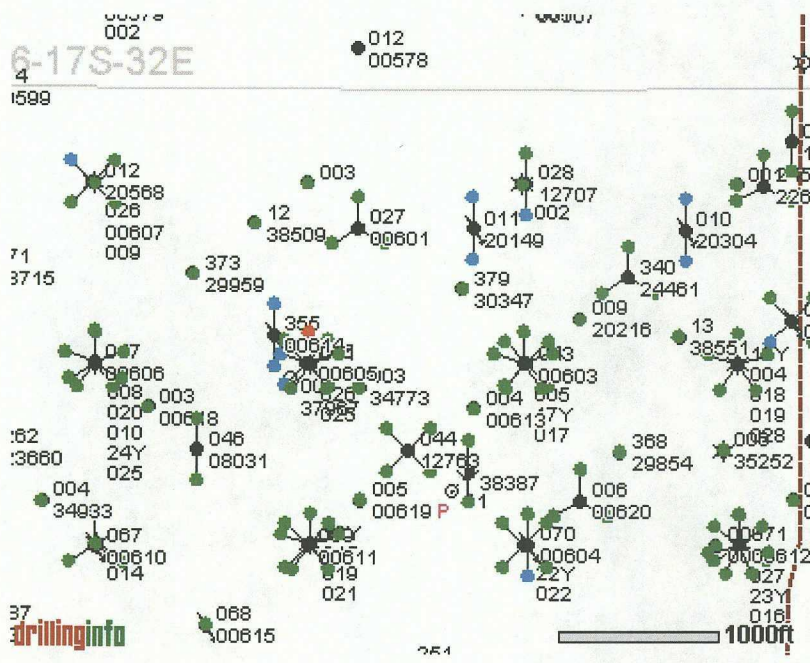
30-025-00000	19 BAISH A	001 LEA	R:32E S:21, T:17S, R:32E	0.00	0 MALJAMAR	ABO	
30-025-00000	BAISH A	001 LEA	S:21, T:17S, R:32E		0 MALJAMAR	QUEEN (GAS)	
30-025-00614	MCA UNIT BATTERY 2	355 LEA	S:21, T:17S, R:32E		0 MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-24461	MCA UNIT BATTERY 2	340 LEA	S:21, T:17S, R:32E	1.23	6,380 MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-24461	MCA UNIT BATTERY 2	340 LEA	S:21, T:17S, R:32E	6.45	3,290 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	
30-025-00603	MCA UNIT BATTERY 2O	043 LEA	S:21, T:17S, R:32E		0 BAISH	YATES	
30-025-20216	BAISH A	009 LEA	S:21, T:17S, R:32E	3.97	0 BAISH	YATES	
30-025-00602	MCA UNIT BATTERY 2	042 LEA	S:21, T:17S, R:32E		0 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	
30-025-00602	MCA UNIT BATTERY 2	042 LEA	S:21, T:17S, R:32E	24.74	0 MALJAMAR	GRAYBURG-SAN ANDRES	
30-025-00000	BAISH A	027 LEA	S:21, T:17S, R:32E	111.32	0 UND LEA	BOUGH, SOUTH	
30-025-00621	BAISH A	007 LEA	S:21, T:17S, R:32E	2.52	2,522 BAISH	YATES	
30-025-00611	MCA UNIT BATTERY 2	069 LEA	S:21, T:17S, R:32E	25.87	33,254 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0
30-025-20522	MCA UNIT	234 LEA	S:21, T:17S,	10.13	160,698 MALJAMAR	GRAYBURG-SAN ANDRES	0

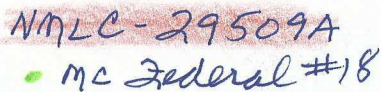
11/5/2007

30-025-12763	CONTINENTAL OIL COMPANY	UNIT BATTERY 2	044 LEA	S:21, T:17S, R:32E	80.90	MALJAMAR REPRESS	
30-025-08031	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	046 LEA	S:21, T:17S, R:32E	140.55	132,094 MALJAMAR REPRESS	0
30-025-00606	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	047 LEA	S:21, T:17S, R:32E	5.74	MALJAMAR REPRESS	0
30-025-00610	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	067 LEA	S:21, T:17S, R:32E	23.68	16,737 MALJAMAR REPRESS	0
30-025-00611	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	069 LEA	S:21, T:17S, R:32E	51.16	MALJAMAR REPRESS	0
30-025-00616	CONTINENTAL OIL COMPANY	MCA UNI BATTERY 2	090 LEA	S:21, T:17S, R:32E	0.20	0 MALJAMAR REPRESS	0
30-025-00609	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	092 LEA	S:21, T:17S, R:32E	85.90	13,829 MALJAMAR REPRESS	0
30-025-00608	CONTINENTAL OIL COMPANY	MCA UNI BATTERY 2	093 LEA	S:21, T:17S, R:32E	29.23	14,622 MALJAMAR REPRESS	0
30-025-00000	BUFFALO OIL COMPANY	BAISH A	17Y LEA	S:21, T:17S, R:32E	1.55	BAISH	WOLFCAMP, NORTH
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y LEA	S:21, T:17S, R:32E	9.35	BAISH	WOLFCAMP, NORTH
30-025-00000	BUFFALO OIL COMPANY	BAISH A	19Y LEA	S:21, T:17S, R:32E	8.32	BAISH	WOLFCAMP, NORTH
30-025-00000	BUFFALO OIL COMPANY	BAISH A	22Y LEA	S:21, T:17S, R:32E	4.00	BAISH	WOLFCAMP, NORTH
30-025-00000	BUFFALO OIL COMPANY	BAISH A	23Y LEA	S:21, T:17S, R:32E	5.00	BAISH	WOLFCAMP, NORTH
30-025-00000	BUFFALO OIL COMPANY	BAISH A	001 LEA	S:21, T:17S,	0.90	MALJAMAR REPRESSURING POOL	

30-025-00612	CONTINENTAL OIL CO	UNIT BATTERY 3	071 LEA	S:21, T:17S, R:32E	79.39	16,997	MALJAMAR GRAYBURG SA REPRESENTATIVE
30-025-00000	BUFFALO OIL COMPANY	BAISH A	025 LEA	S:21, T:17S, R:32E	13.81		PLUGGED & ABANDONED
30-025-00000	CONTINENTAL OIL CO	BAISH A FED	027 LEA	S:21, T:17S, R:32E	102.16		MALJAMAR ABO DEPTH RANGE
30-025-00000	CONTINENTAL OIL	BAISH A Y FED	022 LEA	S:21, T:17S, R:32E	3.42		BAISH BLINEBRY
30-025-00000	CONTINENTAL OIL CO	BAISH A Y FED	023 LEA	S:21, T:17S, R:32E	4.29		BAISH BLINEBRY
30-025-00000	BUFFALO OIL CO.	BAISH A	005 LEA	S:21, T:17S, R:32E	24.00		MALJAMAR REPRESSURING POOL
30-025-00620	BUFFALO OIL CO.	BAISH A	006 LEA	S:21, T:17S, R:32E	16.97		MALJAMAR REPRESSURING POOL
30-025-00000	BUFFALO OIL CO.	BAISH A	007 LEA	S:21, T:17S, R:32E	29.58		MALJAMAR REPRESSURING POOL
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	022 LEA	S:21, T:17S, R:32E	2.06		BAISH YATES
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	023 LEA	S:21, T:17S, R:32E	4.00		BAISH YATES
30-025-38387	CHEVRON USA, INC.	MC FEDERAL	11 LEA	S:21, T:17S, R:32E		PADDOCK	7,000
30-025-38509	CHEVRON USA, INC.	MC FEDERAL	12 LEA	S:21, T:17S, R:32E		PADDOCK	7,100
30-025-38387	CHEVRON USA, INC.	MC FEDERAL	11 LEA	S:21, T:17S, R:32E		YESO	7,000
30-025-20149	STEVENS OPERATING CORPORATION	PRE- ONGARD WELL	011 LEA	S:21, T:17S, R:32E		GRAYBURG-SAN ANDRES	
30-025-20304	STEVENS OPERATING CORPORATION	PRE- ONGARD WELL	010 LEA	S:21, T:17S, R:32E		GRAYBURG-SAN ANDRES	

30-025-38551	COG OPERATING LLC	MC FEDERAL	13 LEA	S:21, T:17S, R:32E	MALJAMAR	PADDOCK	7,100
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Phyllis,

Ownership between the spacing unit for the unorthodox MC Federal #18 (Unit A) and the adjoining spacing unit (Unit B) is common with COG owning/operating depths from base of San Andres to top of Abo and depths below base of Wolfcamp. ConocoPhillips owns/operates the remaining depths. These spacing units (covering N/2 NE/4 of Section 21,17S,32E) are included in BLM lease LC-29509A which also includes additional lands.

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