

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
GC Federal #8
5801

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

2008 FEB 22 PM 2:26
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

2-21-08
Date

pedwards@conchoresources.com
e-mail Address

**G C Federal #8
Lea County, NM**

COG proposes to drill a **VERTICAL** SE /4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7250'

Location: 2437' FSL & 660' FEL Sec 19, T17S, R32E, Unit I

This well had to be drilled at a non-standard location due to 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 G C Federal #5 (2210' FSL & 330' FWL, Section 19, UL L) which was
completed in March 2005.

The G C Federal #5 Yeso completion has perms from 6360' – 6929' overall, but
divided into 3 perf/stimulation intervals:

1st interval: 5260' – 5348.5',
acidized w/ 2250 gals,
frac'd w/ 81,648 gal gel, 8011# LiteProp, & 80,822 gals 16/30 sand.

2nd interval: 6360' – 6553',
acidized w/ 3000 gals,
frac'd w/ 90,006 gals gel, 8,000# LiteProp, 89,420# 16/30 sand.

3rd interval: 6799' – 6929',
acidized w/ 2500 gals,
frac'd w/ 90,681 gal gel, 8000# LiteProp, & 87,020 gals 16/30 sand.

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 SE / 4 of the NE / 4 of Section 19.
Interests are the same.

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

DISTRICT I

1301 W. GRAND AVENUE, ARTESIA, 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 44500	Pool Name MALJAMAR; YESO, WEST
Property Code 302498	Property Name GC FEDERAL	Well Number 8
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3943'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	19	17-S	32-E		2437	SOUTH	860	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.
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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

LOT 1									
40.98 AC									
LOT 2									
40.98 AC									
LOT 3									
40.98 AC									
LOT 4									
40.98 AC									

GEODETIC COORDINATES
NAD 27 NME

Y=662252.0 N
X=664000.3 E

LAT.=32.819480° N
LONG.=103.799492° W

3940.8' 600' 3942.7'

600' 860'

3940.1' 3944.8'

2437'

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 12-21-08
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.

DECEMBER 5, 2007

Date Surveyed Re: 2/19/08 DSS

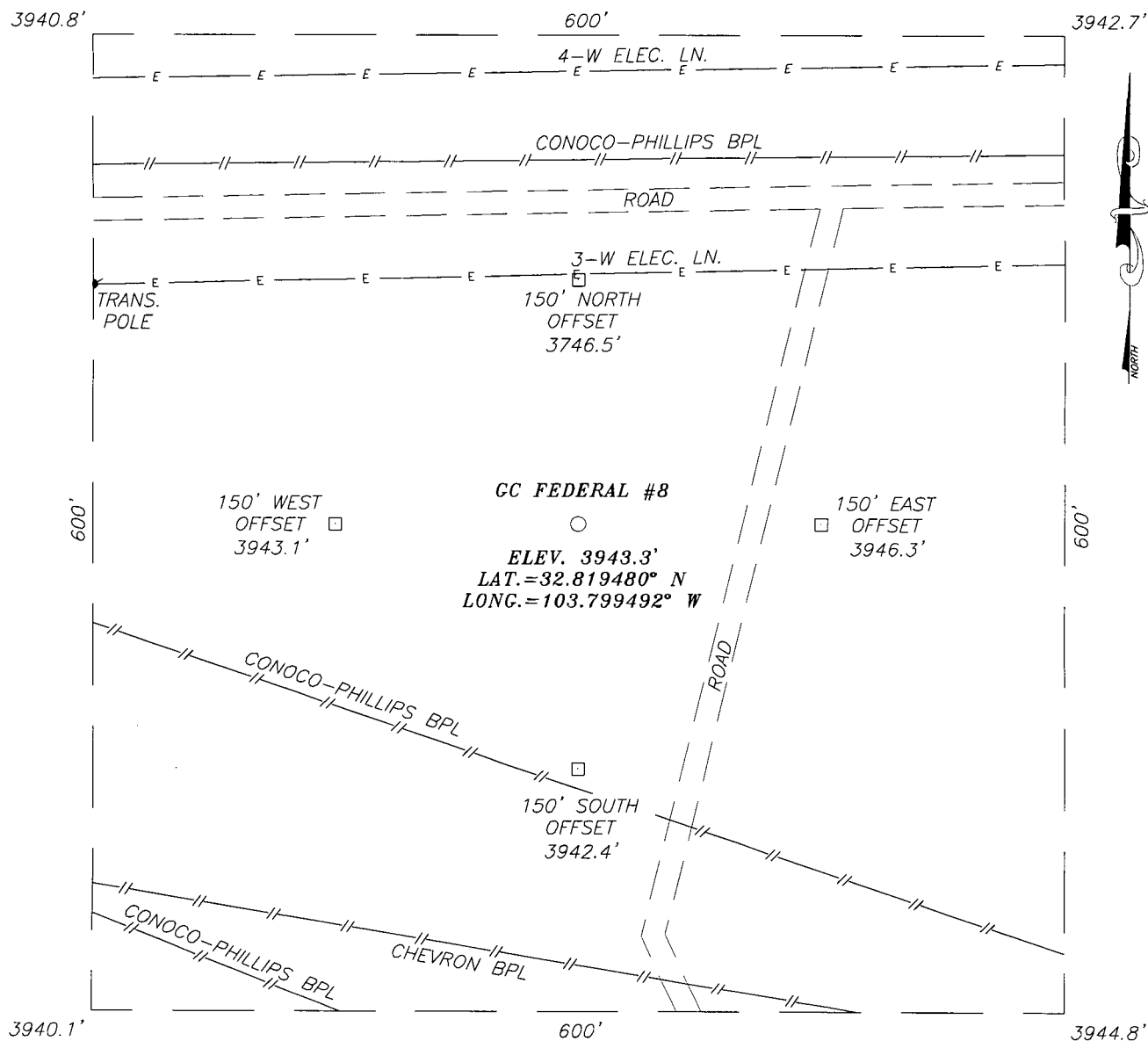
Signature & Seal of Professional Surveyor

Ronald J. Eidson 3239

08-13.0233

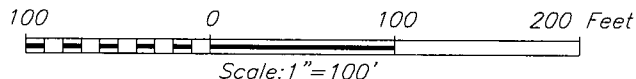
Certificate No. GARY G. EIDSON 12641
RONALD J. EIDSON 3239

SECTION 19, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF COUNTY ROAD L126 (MALJAMAR ROAD) AND COUNTY ROAD L126 (CONOCO ROAD), GO WEST ON CONOCO ROAD APPROX. 1.15 MILES. TURN RIGHT ON CALICHE ROAD AND GO NORTH APPROX. 0.25 MILES TO A "T". TURN LEFT AND GO WEST APPROX. 1.0 MILE. TURN LEFT AND GO SOUTHWEST APPROX. 200 FEET. THIS LOCATION IS 100 FEET WEST.



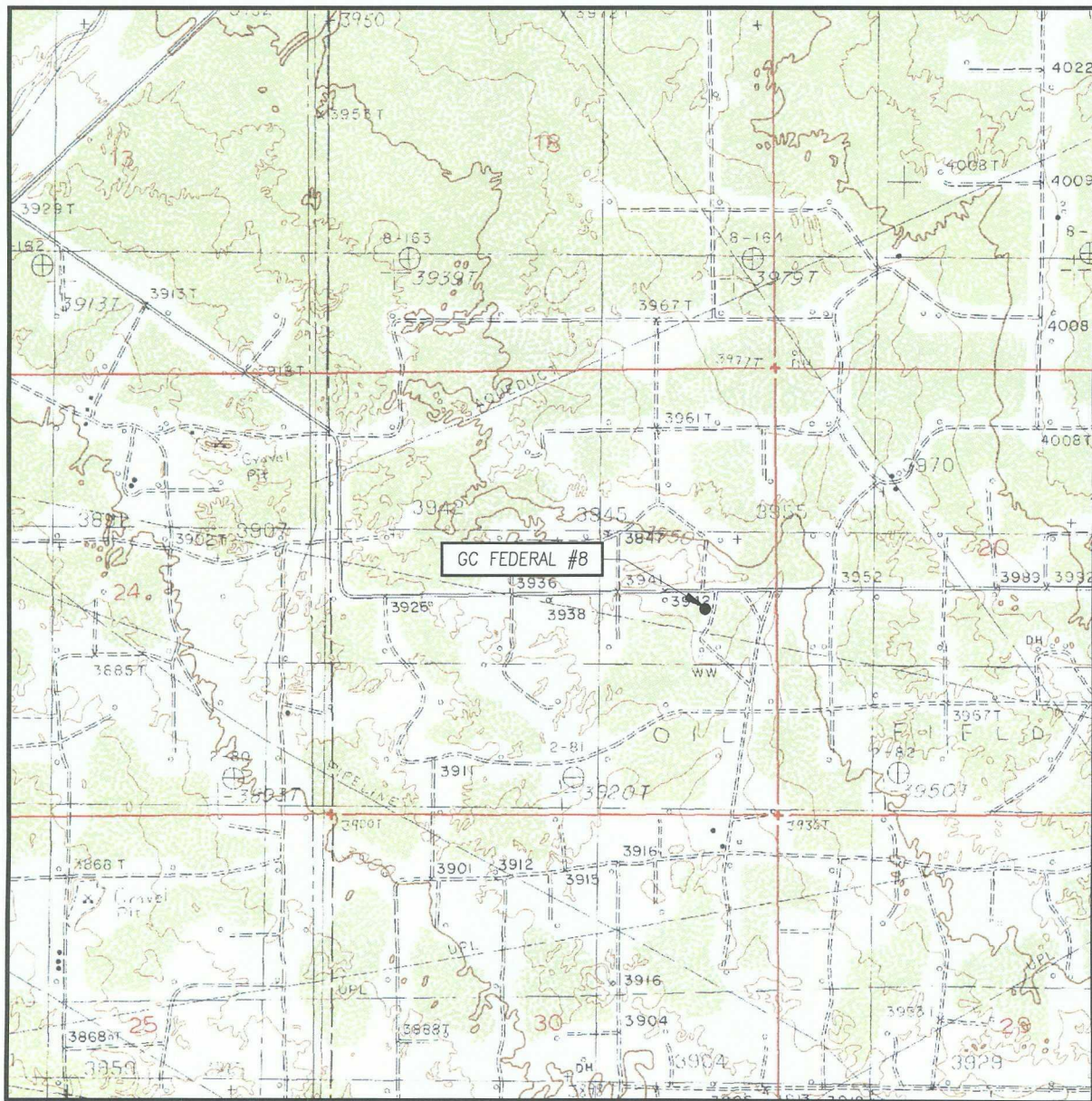
PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

COG OPERATING, LLC

GC FEDERAL #8 WELL
 LOCATED 2437 FEET FROM THE SOUTH LINE
 AND 860 FEET FROM THE EAST LINE OF SECTION 19,
 TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 01/02/08	Sheet 1 of 1 Sheets
W.O. Number: 07.11.1616	Dr By: DSS
Date: 01/07/08	07111616
Disk: .	Scale: 1"=100'

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 2437' FSL & 860' FEL

ELEVATION 3943'

OPERATOR COG OPERATING, INC.

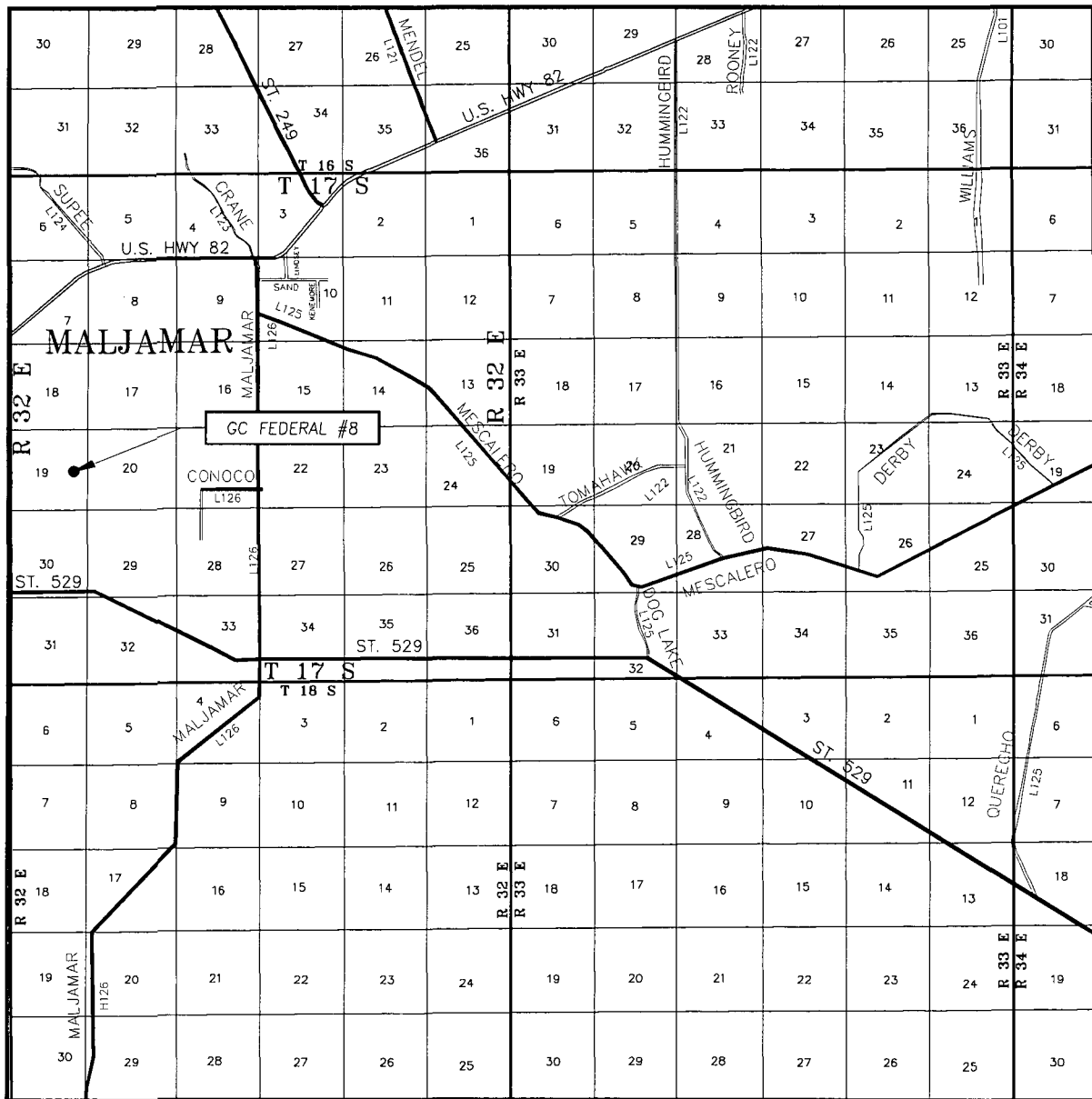
LEASE GC FEDERAL

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



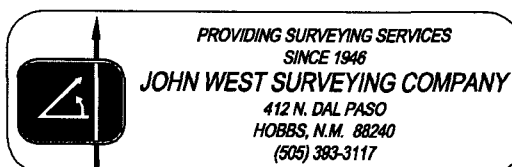
PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 19 TWP. 17-S RGE. 32-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 2437' FSL & 860' FEL
 ELEVATION 3943'
 COG
 OPERATOR OPERATING, LLC
 LEASE GC FEDERAL



G C Federal #8 Offset Wells

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	Nov 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	Nov 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	Nov 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
30-025-08041	CONOCOPHILLIPS COMPANY	MCA UNIT	100	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-08041	CONOCOPHILLIPS COMPANY	MCA UNIT	100	LEA	S:19, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)		Injection Well
30-025-08042	CONOCOPHILLIPS COMPANY	MCA UNIT	059	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0 Injection Well
30-025-08043	CONOCO, INC.	MCA UNIT	101	LEA	S:19, T:17S, R:32E	Nov 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-08043	CONOCO, INC.	MCA UNIT	101	LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping
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)		0 Temporarily /
30-025-08046	CONOCOPHILLIPS COMPANY	MCA UNIT	056	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0 Temporarily /
30-025-08047	CONOCOPHILLIPS COMPANY	MCA UNIT	103	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-12579	CONOCOPHILLIPS COMPANY	MCA UNIT	102	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-12579	CONOCOPHILLIPS COMPANY	MCA UNIT	102	LEA	S:19, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)		Injection Well

30-025-12764	CONOCOPHILLIPS COMPANY	MCA UNIT	099	LEA	T:17S, R:32E	Dec 1990	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily /
30-025-23673	CONOCOPHILLIPS COMPANY	MCA UNIT	264	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Active
30-025-23732	CONOCOPHILLIPS COMPANY	MCA UNIT	276	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23739	CONOCO, INC.	MCA UNIT	279	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-23743	CONOCOPHILLIPS COMPANY	MCA UNIT	283	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	GRAYBURG-SAN ANDRES	4,075 Pumping
30-025-23745	CONOCOPHILLIPS COMPANY	MCA UNIT	285	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23825	CONOCOPHILLIPS COMPANY	MCA UNIT	298	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-23836	CONOCOPHILLIPS COMPANY	MCA UNIT	291	LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
30-025-23848	CONOCOPHILLIPS COMPANY	MCA UNIT	286	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-24214	CONOCOPHILLIPS COMPANY	MCA UNIT	320	LEA	S:19, T:17S, R:32E	Nov 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		5,600 Pumping
30-025-35652	COG OPERATING LLC	BC FEDERAL	6	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	PADDOCK	7,562 Pumping
30-025-35814	COG OPERATING LLC	GC FEDERAL	001	LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	PADDOCK	7,085 Pumping
30-025-35935	COG OPERATING LLC	GC FEDERAL	004	LEA	S:19, T:17S, R:32E	Nov 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
		MCA UNIT			S:19,				

30-025-08036	BATTERY 1	018 LEA	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
30-025-23825	MCA UNIT BATTERY 1	298 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Injection Well
30-025-23825	MCA UNIT BATTERY 1	298 LEA	S:19, T:17S, R:32E	Mar 1981	MALJAMAR	GRAYBURG-SAN ANDRES	Injection Well
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
30-025-23673	MCA UNIT BATTERY 1	264 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Active
30-025-23673	MCA UNIT BATTERY 1	264 LEA	S:19, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Active
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
	MCA UNIT		S:19,				

30-025-08042	BATTERY 1	059 LEA	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
30-025-23745	MCA UNIT BATTERY 1	285 LEA	S:19, 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
30-025-08047	MCA UNIT BATTERY 1	103 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Pumping
30-025-08047	MCA UNIT BATTERY 1	103 LEA	S:19, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-23848	MCA UNIT BATTERY 1	286 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Pumping
30-025-23848	MCA UNIT BATTERY 1	286 LEA	S:19, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
	MCA UNIT		S:19,					

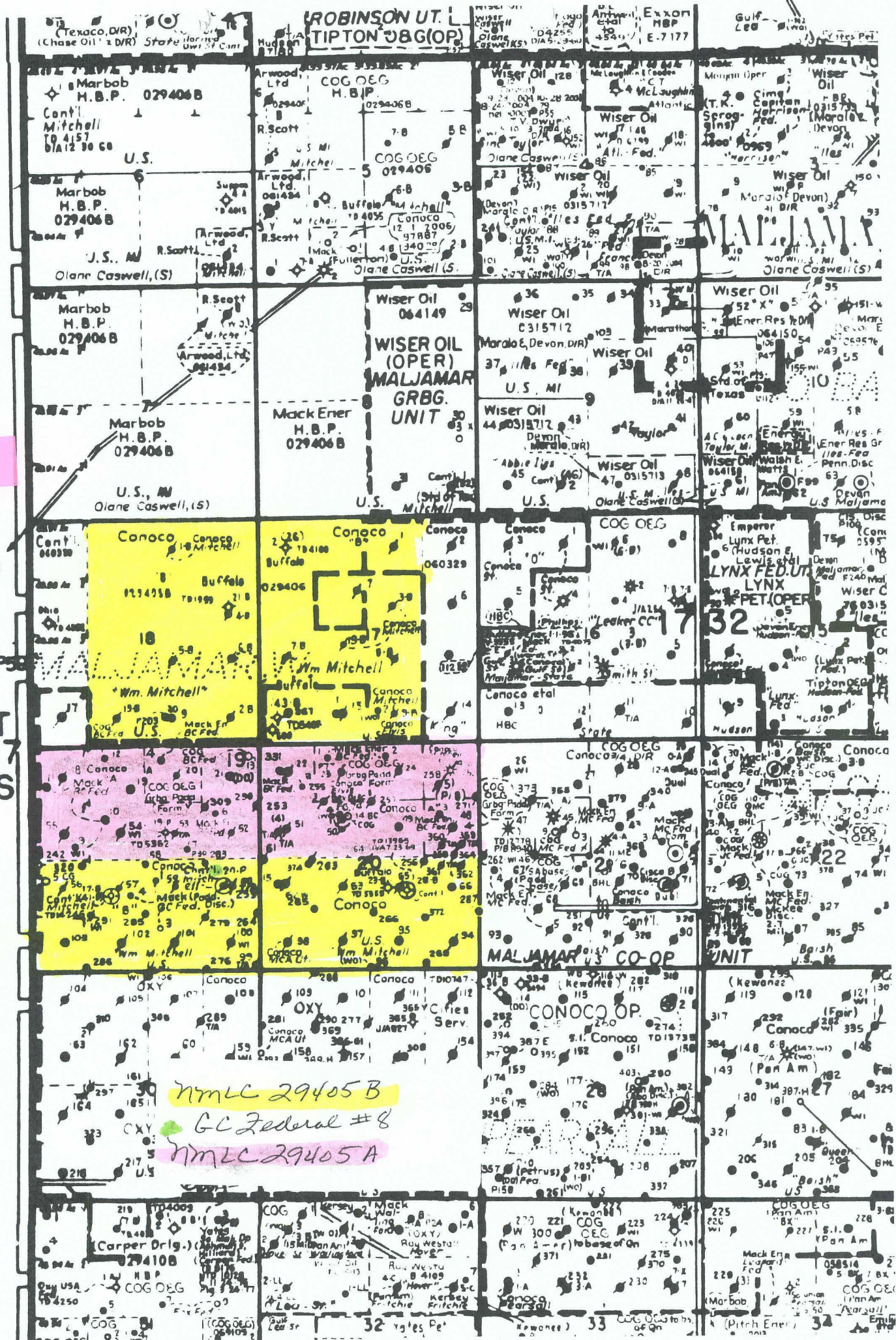
30-025-12764	BATTERY 1	099 LEA	T:17S, R:32E	Nov 1973	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Temporarily /
30-025-12764	MCA UNIT BATTERY 1	099 LEA	S:19, T:17S, R:32E	Feb 1990	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily /
30-025-23739	MCA UNIT BATTERY 1	279 LEA	S:19, T:17S, R:32E	Jun 1991	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-23739	MCA UNIT BATTERY 1	279 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-23732	MCA UNIT BATTERY 1	276 LEA	S:19, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping
30-025-23732	MCA UNIT BATTERY 1	276 LEA	S:19, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping
30-025-12770	CONOCO, INC.	MCA UNIT 058 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-08034	CONOCO, INC.	MCA UNIT 272 LEA	S:19, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-35813	COG OPERATING LLC	BC FEDERAL 07 LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	PADDOCK	6,620 Active
30-025-36769	COG OPERATING LLC	BC FEDERAL 009 LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	PADDOCK	6,005 Active
30-025-36999	COG OPERATING LLC	GC FEDERAL 05 LEA	S:19, T:17S, R:32E	Nov 2007	MALJAMAR	PADDOCK	7,220 Active
30-025-08028	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1 019 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS		0 Pumping
30-025-08029	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1 020 LEA	S:19, 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 /
	MCA UNIT	S:19,					

30-025-08039	CONTINENTAL OIL COMPANY	BATTERY 1	054 LEA	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
30-025-08041	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	100 LEA	S:19, T:17S, R:32E	Jul 1969	MALJAMAR REPRESS	Injection Well
30-025-08043	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	101 LEA	S:19, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	Pumping
30-025-12579	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	102 LEA	S:19, T:17S, R:32E	Mar 1968	MALJAMAR REPRESS	Injection Well
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

GRAYBURG-SAN ANDRES

30-025-00000	BUFFALOCONT'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.	MITCHELL B	010 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MITCHELL B	011 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO- CONT'D.	MICHELL B	012 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- CONT'D.	MITCHELL B	016 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL CO.	MITCHELL B	014 LEA	S:19, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING	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
30-025-00000	BUFFALO OIL CO.	MITCHELL B	017 LEA	S:19, T:17S, R:32E	Dec 1945	MALJAMAR REPRESS.	Active
30-025-00000	BUFFALO OIL CO.	MITCHELL B	018 LEA	S:19, T:17S, R:32E	Dec 1945	MALJAMAR REPRESS.	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
				S:19,			

30-025-37021	MACK ENERGY CORP	BC FEDERAL	10 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	6,710	Active Permit
30-025-37021	COG OPERATING LLC	BC FEDERAL	10 LEA	S:19, T:17S, R:32E	Nov 2007 MALJAMAR	PADDOCK	6,710	Active Permit
30-025-36998	COG OPERATING LLC	BC FEDERAL	11 LEA	S:19, T:17S, R:32E	Nov 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	COG OPERATING LLC	BC FEDERAL	012 LEA	S:19, T:17S, R:32E	Nov 2007 MALJAMAR	PADDOCK	6,700	Active Permit
30-025-35481	COG OPERATING LLC	BC FEDERAL	406 LEA	S:19, T:17S, R:32E	Nov 2007 MALJAMAR	PADDOCK	5,600	Pumping
30-025-38164	COG OPERATING LLC	BC FEDERAL	13 LEA	S:19, T:17S, R:32E	Nov 2007 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
30-025-38164	COG OPERATING LLC	BC FEDERAL	13 LEA	S:19, T:17S, R:32E	WILDCAT YESO		6,700	Active Permit



Date: January 10, 2008

To: Phyllis Edwards

From: Thena Anderson

RE: Non-Standard Location – GC Federal #8
Section 19, T17S, R-32E
Lea County, New Mexico

Please be advised that ownership and operator, as to the depths from below the base of the Grayburg/San Andres to top of the Wolfcamp, are common between the spacing unit containing the unorthodox well (GC Federal #8 - Unit I) and the adjoining spacing unit (Unit H) although the units are covered by separate Federal leases. COG and ConocoPhillips own and COG operates these depths under a Farmout Agreement from ConocoPhillips.

Unit I (GC Federal #8) is included in BLM lease NMLC-29405-B which covers S/2 Section 19 as well as additional lands. Unit H is included in BLM lease NMLC-29405-A which covers N/2 Section 19 as well as additional lands.

Should you have any questions or need additional information, please advise.

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Wednesday, March 19, 2008 3:49 PM
To: 'Phyllis Edwards'
Subject: GC Federal #8 NSL Application

Dear Ms. Edwards

Rule 104.F states that an application for an administrative exception for a non-standard location shall include "information evidencing the need for the exception."

The application in this matter contains no statement of reasons. Please advise me why COG is requesting approval of a non-standard location for this well.

Thanks

David K. Brooks
Legal Examiner
505-476-3450

3/19/2008

Brooks, David K., EMNRD

From: Phyllis Edwards [PEdwards@conchoresources.com]
Sent: Thursday, March 20, 2008 7:45 AM
To: Brooks, David K., EMNRD
Subject: RE: GC Federal #8 NSL Application
Attachments: G C Fed 8 Pipeline Map.pdf

Dear Mr. Brooks,

I checked with the COG field personnel, and the location had to be non-standard due to buried pipelines that cannot be re-routed. Attached is a map showing those pipelines.

If you need anything further from COG, please advise.

Thanks so much for processing our request promptly !!!

Phyllis Edwards

Regulatory Analyst



COG Operating LLC

Fasken Tower II

550 W. Texas Avenue, Suite 1300

Midland, TX 79701

432-685-4340 P

432-685-4399 F

pedwards@conchoresources.com

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]

Sent: Wednesday, March 19, 2008 5:49 PM

To: Phyllis Edwards

Subject: GC Federal #8 NSL Application

Dear Ms. Edwards

Rule 104.F states that an application for an administrative exception for a non-standard location shall include "information evidencing the need for the exception."

The application in this matter contains no statement of reasons. Please advise me why COG is requesting approval of a non-standard location for this well.

Thanks

David K. Brooks
Legal Examiner
505-476-3450

3/20/2008