

DATE IN 9/22/08	SUSPENSE	ENGINEER Brooks	LOGGED IN 9/22/08	TYPE NSL	APP NO. PKVR0826634582
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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
 SC Federal #3

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 _____

2008 SEP 22 AM 8 29

RECEIVED

[2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☒ Does Not Apply Interests are the same

- [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.

ROBYN M. ODOM
 Print or Type Name

Signature

AGENT
 Title

9/18/08
 Date

rododm@conchoresources.com
 e-mail Address

**S C Federal #3
Lea County, NM**

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

Location: 1000' FSL & 1650' FEL Sec 22, T17S, R32E, Unit O

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

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 J C Federal #9 (1650' FNL & 1650' FEL, Section 22, T17S, R32E, UL G)
which was completed in October 2007.

The J C Federal #9 completion has Yeso perms from 5478' – 6535', divided into
3 perf/stimulation intervals.

1st interval: 5478' – 5840',
acidized w/ 3000 gals,
frac'd w/ 42,294 gals 40# linear gel; 38,096 gal 30# linear gel; 7,382# LiteProp;
22,049# 16/30 white; 21,873# SiberProp resin coated; Flush w/5,292 gal linear
gel.

2nd interval: 6055' – 6255',
acidized w/ 5342 gals,
frac'd w/ 50,048# gal gel & 61,612 gals 16/30 sand.

3rd interval: 6335' – 6535',
acidized w/ 5000 gals,
frac'd w/ 49,601# gal gel & 45,586 gals 16/30 sand.

At this time, we assume the S C Federal #3 should be very similar.

Attachment 1

Plat & map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG owns the offset acreage.
The acreage we are encroaching is the NW / 4 of the SE / 4 of Section 22.
Interests are the same.

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

DISTRICT I

1625 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

20 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 30-025-		Pool Code 44500	Pool Name MALAJAMAR; YESO, WEST
Property Code	Property Name SC FEDERAL		Well Number 3
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 3990'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
0	22	17-S	32-E		1000	SOUTH	1650	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

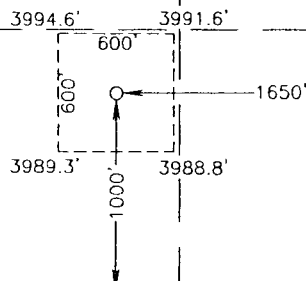
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
40			

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

GEODETTIC COORDINATES
NAD 27 NME

Y=660870.9 N
X=679046.6 E

LAT.=32.815466° N
LONG.=103.750541° 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.

Robyn Odom 9/10/2008
Signature Date

Robyn Odom
Printed Name

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.

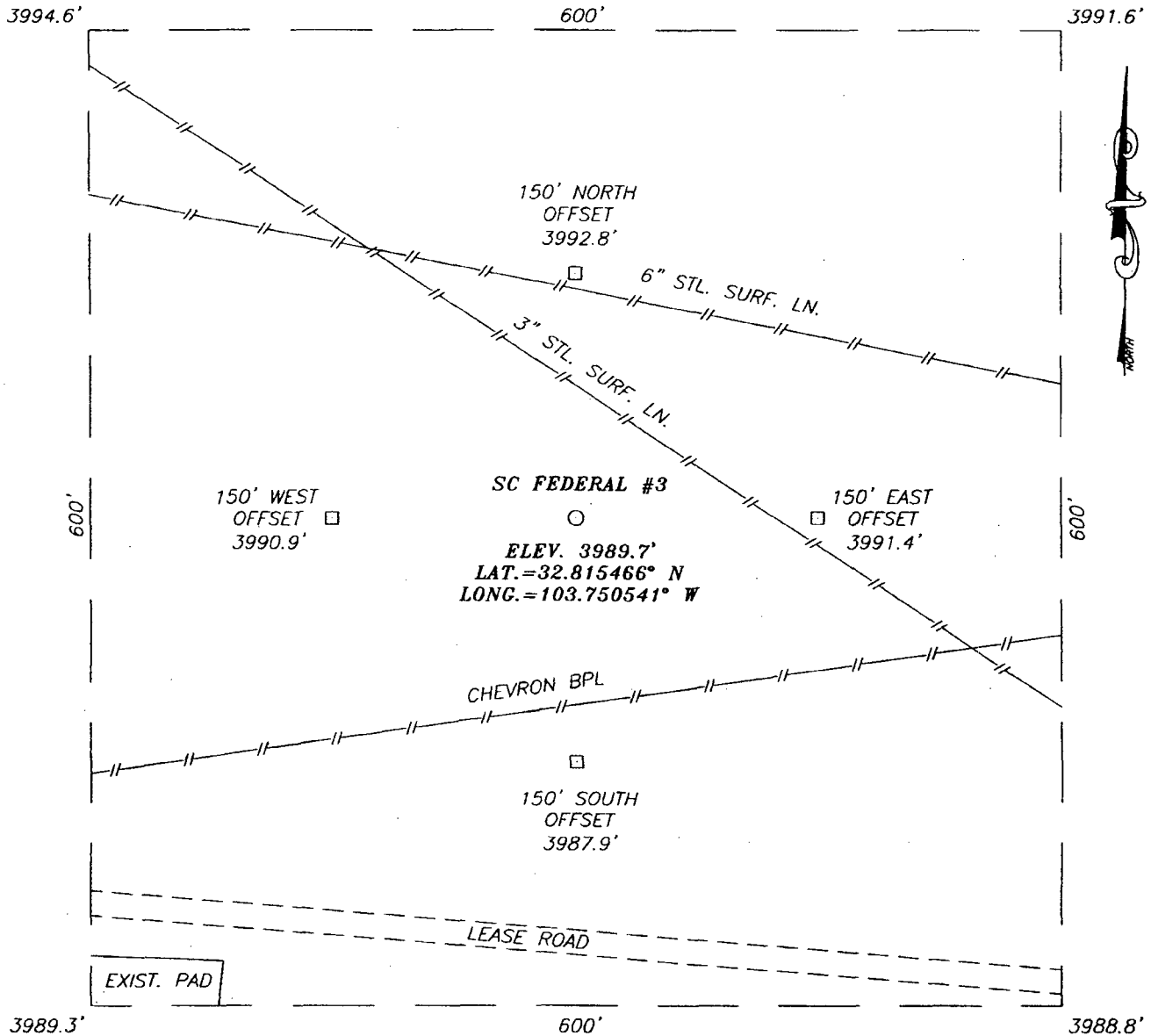
SEPTEMBER 21, 2008

Date Surveyed
Signature & Seal of Professional Surveyor

Ronald J. Eidson 9/10/08
08.11.12455

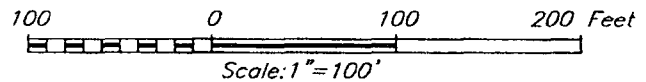
Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

SECTION 22, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF L126 (MALJAMAR ROAD) AND CONOCO ROAD, GO EAST FROM L126 ON A LEASE ROAD APPROX. 0.4 MILES. TURN LEFT AND GO NORTH APPROX. 0.1 MILES. TURN RIGHT AND GO EAST APPROX. 0.5 MILES. THIS LOCATION IS APPROX. 325 FEET NORTH OF LEASE ROAD.



COG OPERATING, LLC

SC FEDERAL #3 WELL
LOCATED 1000 FEET FROM THE SOUTH LINE
AND 1650 FEET FROM THE EAST LINE OF SECTION 22,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 09/02/08	Sheet 1 of 1 Sheets
W.O. Number: 08.11.1245	Dr By: JC
Date: 09/05/08	08111245
	Scale: 1"=100'



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

Offset Wells to S C Federal 3

API#	Operator	Lease	Well#	County	Legal	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Status
30-025-34795	MACK ENERGY CORP	Unknown	002	LEA	S:22, T:17S, R:32E		Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES		Active
30-025-00625	CONOCO, INC.	BAISH B	002	LEA	S:22, T:17S, R:32E	Jan 1994	MALJAMAR	QUEEN (GAS)		Pumping
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:17S, R:32E	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Pumping
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:17S, R:32E	Jun 2008	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Injection Well
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:17S, R:32E	Oct 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Pumping
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Temporarily Abandoned
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)			Temporarily Abandoned
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:17S, R:32E		MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	Injection Well
30-025-00631	CONOCOPHILLIPS COMPANY	MCA UNIT	073	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	GRAYBURG-SAN ANDRES	4,112	Pumping
30-025-00631	CONOCOPHILLIPS COMPANY	MCA UNIT	073	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4,112	Pumping
30-025-00635	CONOCO, INC.	MCA UNIT	040	LEA	S:22, T:17S,	Jul 1996	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping

30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003 LEA	R:32E S:22, T:17S, R:32E	Dec 1963	MALJAMAR GRAYBURG SA REP(ABOLISHED)	4,160	Pumping
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,160	Pumping
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,092	Injection Well
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084 LEA	S:22, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	4,092	Injection Well
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,000	Pumping
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075 LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	4,000	Pumping
30-025-12795	CONOCOPHILLIPS COMPANY	MCA UNIT	086 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,099	Pumping
30-025-12796	CONOCO, INC.	MCA UNIT	089 LEA	S:22, T:17S, R:32E	Aug 1996	MALJAMAR	0	Shut-in
30-025-20647	CONOCO, INC.	MC FEDERAL	013 LEA	S:22, T:17S, R:32E	Nov 1990	MALJAMAR	9,958	Temporarily Abandoned
30-025-20647	CONOCO, INC.	MC FEDERAL	013 LEA	S:22, T:17S, R:32E	Oct 1990	BAISH	9,958	Temporarily Abandoned
30-025-20647	COG OPERATING LLC	MC FEDERAL	013 LEA	S:22, T:17S, R:32E	Jun 2008	MALJAMAR	9,958	Temporarily Abandoned
30-025-24109	CONOCOPHILLIPS COMPANY	MCA UNIT	312 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,250	Active
30-025-24183	CONOCOPHILLIPS COMPANY	MCA UNIT	316 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,200	Pumping
30-025-24236	CONOCOPHILLIPS COMPANY	MCA UNIT	325 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,175	Pumping
30-025-24274	CONOCOPHILLIPS COMPANY	MCA UNIT	327 LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	4,200	Pumping
30-025-24376	CONOCOPHILLIPS COMPANY	MCA UNIT	338 LEA	S:22, T:17S, R:32E	Jun 2008	MALJAMAR	4,150	Pumping

30-025-24462	CONOCOPHILLIPS COMPANY	MCA UNIT	341	LEA	S:22, T:17S, R:32E	Jun 2008	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	Pumping
30-025-24499	CONOCOPHILLIPS COMPANY	MCA UNIT	345	LEA	S:22, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	4,122	Temporarily Abandoned
30-025-30116	CONOCO, INC.	MCA UNIT	378	LEA	S:22, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES	4,200	Pumping
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	ABO	12,504	Pumping
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014	LEA	S:22, T:17S, R:32E	May 2008	BAISH	WOLFCAMP	12,504	Pumping
30-025-30731	CONOCOPHILLIPS COMPANY	MCA UNIT	385	LEA	S:22, T:17S, R:32E	Aug 2005	MALJAMAR	GRAYBURG-SAN ANDRES	4,420	Pumping
30-025-34647	COG OPERATING LLC	MC FEDERAL COM	001	LEA	S:22, T:17S, R:32E	Jun 2008	MALJAMAR	GRAYBURG-SAN ANDRES	14,912	Pumping
30-025-34772	COG OPERATING LLC	JC FEDERAL	002	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	PADDOCK	5,950	Pumping
30-025-35989	COG OPERATING LLC	MC FEDERAL	008	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	PADDOCK	6,918	Active
30-025-00632	CONOCOPHILLIPS COMPANY	MCA UNIT	039	LEA	S:22, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Active
30-025-00633		MCA UNIT	037	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		99,999	Plugged and Abandoned
30-025-00633	CONOCO, INC.	MCA UNIT	037	LEA	S:22, T:17S, R:32E	Mar 2002	MALJAMAR	GRAYBURG-SAN ANDRES	99,999	Plugged and Abandoned
30-025-00623	CONOCO, INC.	BAISH A	002	LEA	S:22, T:17S, R:32E		MALJAMAR	GRAYBURG-SAN ANDRES		Active
30-025-00634	CONOCO, INC.	BAISH B	005	LEA	S:22, T:17S, R:32E	Dec 1969	MALJAMAR	DEVONIAN	13,400	Active
30-025-00638	CONOCO, INC.	BAISH B	004	LEA	S:22, T:17S, R:32E	Dec 1971	MALJAMAR	GRAYBURG-SAN ANDRES		Active
30-025-00637	CONOCO, INC.	BAISH B	001	LEA	S:22, T:17S, R:32E	Oct 1971	BAISH	WOLFCAMP	13,657	Active

30-025-12780	CONOCO, INC.	MCA UNIT	038	LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00000		BAISH B	014	LEA	S:22, T:17S, R:32E	Apr 1962	STRAWN	Active
30-025-00624		MCA UNIT BATTERY 2	030	LEA	S:22, T:17S, R:32E	Sep 1970	GRAYBURG-SAN ANDRES	Active
30-025-00624		MCA UNIT BATTERY 2	030	LEA	S:22, T:17S, R:32E	Sep 1970	GRAYBURG-SAN ANDRES	Active
30-025-00624		MCA UNIT BATTERY 2	030	LEA	S:22, T:17S, R:32E	Sep 1970	GRAYBURG-SAN ANDRES	Active
30-025-00635		MCA UNIT BATTERY 2	040	LEA	S:22, T:17S, R:32E	Dec 1993	GRAYBURG-SAN ANDRES	Pumping
30-025-00635		MCA UNIT BATTERY 2	040	LEA	S:22, T:17S, R:32E	Dec 1976	GRAYBURG-SAN ANDRES	Pumping
30-025-00635		MCA UNIT BATTERY 20	040	LEA	S:22, T:17S, R:32E		YATES	Pumping
30-025-00632		MCA UNIT BATTERY 2	039	LEA	S:22, T:17S, R:32E		GRAYBURG-SAN ANDRES	Active
30-025-00632		MCA UNIT BATTERY 2	039	LEA	S:22, T:17S, R:32E	Nov 1974	GRAYBURG-SAN ANDRES	Active
30-025-00000		BAISH B	017	LEA	S:22, T:17S, R:32E		GRAYBURG-SAN ANDRES	PreOngard
30-025-24109		MCA UNIT BATTERY 2	312	LEA	S:22, T:17S, R:32E	Dec 1993	GRAYBURG-SAN ANDRES	4,250 Active
30-025-24109		MCA UNIT BATTERY 2	312	LEA	S:22, T:17S, R:32E	Dec 1976	GRAYBURG-SAN ANDRES	4,250 Active
30-025-24236		MCA UNIT BATTERY 2	325	LEA	S:22, T:17S, R:32E	Dec 1976	GRAYBURG-SAN ANDRES	4,175 Pumping
30-025-24236		MCA UNIT BATTERY 2	325	LEA	S:22, T:17S, R:32E	Dec 1993	GRAYBURG-SAN ANDRES	4,175 Pumping
30-025-24499		MCA UNIT BATTERY 2	345	LEA	S:22, T:17S, R:32E	Dec 1976	GRAYBURG-SAN ANDRES	4,122 Temporarily Abandoned
30-025-24499		MCA UNIT BATTERY	345	LEA	S:22, T:17S,	Jun 1986	GRAYBURG-SAN ANDRES	4,122 Temporarily Abandoned

30-025-30116	2	MCA UNIT BATTERY	378	LEA	R:32E	Jun 1990	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	Pumping	
	2				S:22, T:17S, R:32E						
	30-025-24376	2	MCA UNIT BATTERY	338	LEA	S:22, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	Pumping
		2				S:22, T:17S, R:32E					
	30-025-24376	2	MCA UNIT BATTERY	338	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,150	Pumping
		2				S:22, T:17S, R:32E					
	30-025-12796	2	MCA UNIT BATTERY	089	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Shut-in
		2				S:22, T:17S, R:32E					
	30-025-12796	2	MCA UNIT BATTERY	089	LEA	S:22, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	0	Shut-in
		2				S:22, T:17S, R:32E					
	30-025-24183	2	MCA UNIT BATTERY	316	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,200	Pumping
		2				S:22, T:17S, R:32E					
	30-025-24183	2	MCA UNIT BATTERY	316	LEA	S:22, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	Pumping
		2				S:22, T:17S, R:32E					
	30-025-00626	2	MCA UNIT BATTERY	087	LEA	S:22, T:17S, R:32E	Dec 1967	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
		2				S:22, T:17S, R:32E					
30-025-00626	2	MCA UNIT BATTERY	087	LEA	S:22, T:17S, R:32E		MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	Pumping	
	2				S:22, T:17S, R:32E						
30-025-24274	2	MCA UNIT BATTERY	327	LEA	S:22, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	Pumping	
	2				S:22, T:17S, R:32E						
30-025-24274	2	MCA UNIT BATTERY	327	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,200	Pumping	
	2				S:22, T:17S, R:32E						
30-025-00640	3	MCA UNIT BATTERY	085	LEA	S:22, T:17S, R:32E	Jul 1989	MALJAMAR	GRAYBURG-SAN ANDRES	4,026	Active	
	2				S:22, T:17S, R:32E						
30-025-24462	2	MCA UNIT BATTERY	341	LEA	S:22, T:17S, R:32E	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	Pumping	
	2				S:22, T:17S, R:32E						
30-025-24462	2	MCA UNIT BATTERY	341	LEA	S:22, T:17S, R:32E	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,150	Pumping	
	2				S:22, T:17S, R:32E						
30-025-35988	COG OPERATING LLC	J C FEDERAL	003	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	PADDOCK	5,946	Active	
30-025-20647	CONTINENTAL OIL COMPANY	BAISH A	013	LEA	S:22, T:17S, R:32E	Dec 1969	MALJAMAR ABO		9,958	Temporarily Abandoned	

30-025-00629	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	036 LEA	S:22, T:17S, R:32E	Jun 1968	MALJAMAR REPRESS	Temporarily Abandoned
30-025-00633	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	037 LEA	S:22, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	99,999 Plugged and Abandoned
30-025-00632	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	039 LEA	S:22, T:17S, R:32E	May 1968	MALJAMAR REPRESS	Active
30-025-00630	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	072 LEA	S:22, T:17S, R:32E	Jan 1969	MALJAMAR REPRESS	0 Injection Well
30-025-00631	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	073 LEA	S:22, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	4,112 Pumping
30-025-00627	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	074 LEA	S:22, T:17S, R:32E	Aug 1968	MALJAMAR REPRESS	0 Injection Well
30-025-12711	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	075 LEA	S:22, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	4,000 Pumping
30-025-00639	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	084 LEA	S:22, T:17S, R:32E	Jan 1969	MALJAMAR REPRESS	4,092 Injection Well
30-025-00626	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	087 LEA	S:22, T:17S, R:32E	May 1968	MALJAMAR REPRESS	0 Pumping
30-025-00628	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	088 LEA	S:22, T:17S, R:32E	Dec 1971	MALJAMAR REPRESS	0 Pumping
30-025-00637	CONTINENTAL OIL COMPANY	BAISH B	001 LEA	S:22, T:17S, R:32E	Dec 1967	MAGRUDER YATES	13,657 Active
30-025-00000	BUFFALO	BAISH B	012 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	011 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	002 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	003 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH B	004 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active

GRAYBURG-SAN ANDRES

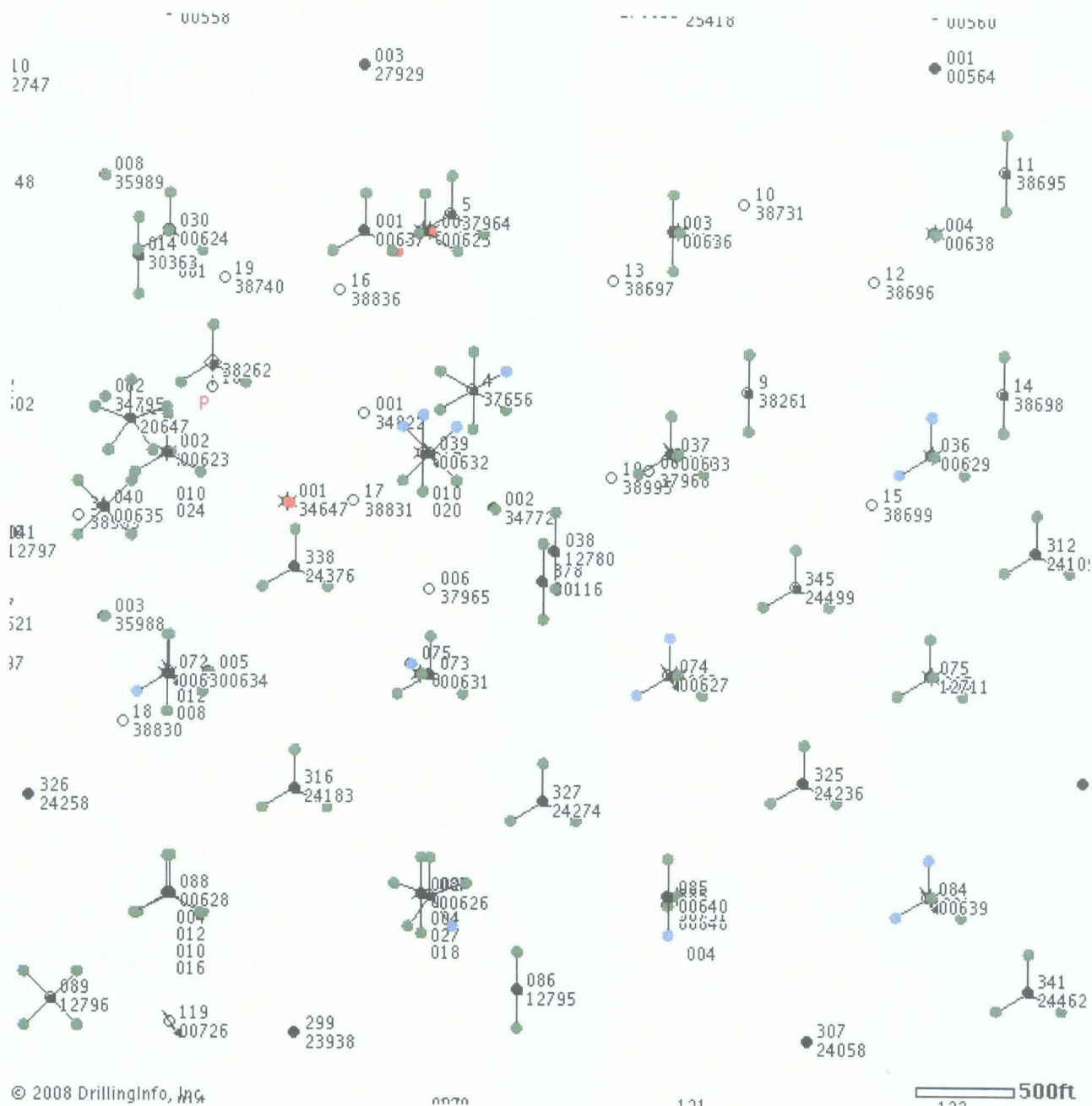
30-025-00000	BUFFALO OIL COMPANY	BAISH B	007 LEA	T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BUISH B	008 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	009 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	010 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	011 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR,N.N. & F. BAISH	BAISH	001 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	004 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	005 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	010 LEA	S:22, T:17S, R:32E	Feb 1956	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y LEA	S:22, T:17S, R:32E	Dec 1955	BAISH POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	024 LEA	S:22, T:17S, R:32E	Dec 1962	MALJAMAR REPRESSURING	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	004 LEA	S:22, T:17S, R:32E	Dec 1955	MALJAMAR REPRESSURING POOL	Active
30-025-00637	BUFFALO OIL COMPANY	BAISH B	001 LEA	S:22, T:17S, R:32E	Oct 1971	MALJAMAR	Active
30-025-00000	BUFFALO OIL CO.	BAISH	012 LEA	S:22, T:17S, R:32E	Dec 1947	MALJAMAR AREA	Active
30-025-00000	BUFFALO OIL CO.	BAISH B	004 LEA	S:22, T:17S, R:32E	Dec 1948	MALJAMAR REPRESSURING POOL	Active
30-025-12780	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	038 LEA	S:22, T:17S, R:32E	Dec 1971	MALJAMAR GRAYBURG SA REPRES	Active
30-025-12795	CONTINENTAL OIL	MCA UNIT BATTERY	086 LEA	S:22, T:17S,	Dec 1971	MALJAMAR GRAYBURG SA REPRES	4,099 Pumping

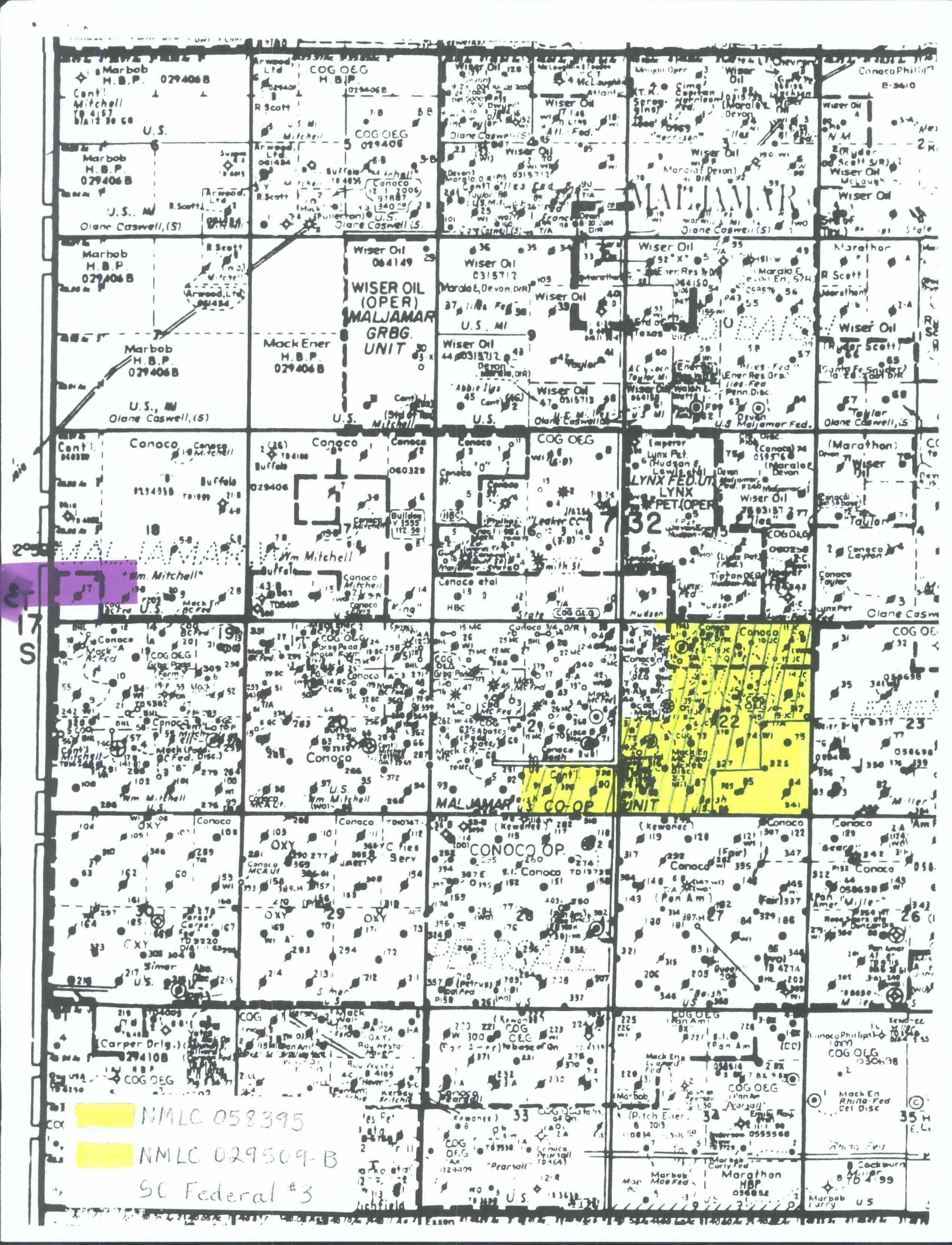
GRAYBURG-SAN ANDRES 13,657

30-025-12796	CO	3	MCA UNIT BATTERY	089	LEA	R:32E	Dec 1971	MALJAMAR GRAYBURG SA REPRES	0	Shut-in
30-025-00000	CONTINENTAL OIL CO	3	BAISH B FED	013	LEA	S:22, T:17S, R:32E	Dec 1962	MALJ REPRESS GRAYBURG SAN ANDRES		Active
30-025-00000	CONTINENTAL OIL CO		BAISH B FED	015	LEA	S:22, T:17S, R:32E	Dec 1962	MALJ REPRESS GRAYBURG SAN ANDRES		Active
30-025-00000	CITIES SERVICE PETROLEUM CO.		BAISH B FED.	014	LEA	S:22, T:17S, R:32E	Dec 1960	LEA UNDESIGNATED	GROUP 2	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST		BAISH B FEDERAL	014	LEA	S:22, T:17S, R:32E	Dec 1962	BAISH WOLFCAMP		Active
30-025-20647	CONTINENTAL OIL CO		BAISH A	013	LEA	S:22, T:17S, R:32E	Oct 1967	BAISH WOLFCAMP		9,958 Temporarily Abandoned
30-025-37656	COG OPERATING LLC		J C FEDERAL	4	LEA	S:22, T:17S, R:32E	Oct 2006	BAISH	WOLFCAMP	10,200 Active Permit
30-025-00000	CONTINENTAL OIL COMPANY	3	MCA UNIT BATTERY	075	LEA	S:22, T:17S, R:32E		MALJAMAR GRAYBURG SAN ANDRES RPRES		Unknown
30-025-37964	COG OPERATING LLC		J C FEDERAL	5	LEA	S:22, T:17S, R:32E		BAISH	WOLFCAMP	7,100 Active Permit
30-025-38262	COG OPERATING LLC		MC FEDERAL	10	LEA	S:22, T:17S, R:32E	Jun 2008	MALJAMAR	PADDOCK	7,000 Active
30-025-38261	COG OPERATING LLC		J C FEDERAL	9	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	PADDOCK	7,000 Active
30-025-37656	COG OPERATING LLC		JC FEDERAL	4	LEA	S:22, T:17S, R:32E		BAISH-WLFCP & MALJAMAR ABO		10,200 Active Permit
30-025-37656	COG OPERATING LLC		JC FEDERAL	4	LEA	S:22, T:17S, R:32E		MALJAMAR; PADDOCK		10,200 Active Permit
30-025-37656	COG OPERATING LLC		JC FEDERAL	4	LEA	S:22, T:17S, R:32E		BAISH WOLFCAMP		10,200 Active Permit
30-025-37656	COG OPERATING LLC		J C FEDERAL	4	LEA	S:22, T:17S, R:32E	Aug 2006	MALJAMAR	ABO	10,200 Active Permit
30-025-37656	COG OPERATING LLC		J C FEDERAL	4	LEA	S:22, T:17S, R:32E	May 2008	MALJAMAR	PADDOCK	10,200 Active Permit

DI Search Results (Printable Table)

30-025-37964	COG OPERATING LLC	J C FEDERAL	5	LEA	S:22, T:17S, R:32E	MALJAMAR; PADDOCK 44500	7,100	Active Permit
30-025-38262	COG OPERATING LLC	MC FEDERAL	10	LEA	S:22, T:17S, R:32E	WILDCAT YESO	7,000	Active
30-025-37964	COG OPERATING LLC	J C FEDERAL	5	LEA	S:22, T:17S, R:32E	May 2008 MALJAMAR	7,100	Active Permit
30-025-38262	COG OPERATING LLC	MC FEDERAL	10	LEA	S:22, T:17S, R:32E	Jan 2008 WILDCAT G-02 S173222E	7,000	Active
30-025-00640	HANAGAN PETROLEUM CORP	PRE- ONGARD WELL	085	LEA	S:22, T:17S, R:32E	MALJAMAR	4,026	Active
30-025-38261	COG OPERATING LLC	J C FEDERAL	9	LEA	S:22, T:17S, R:32E	Jan 2008 WILDCAT G-02 S173222E	7,000	Active
30-025-38695	COG OPERATING LLC	J C FEDERAL	11	LEA	S:22, T:17S, R:32E	MALJAMAR; YESO, WEST	7,023	Active Permit
30-025-38698	COG OPERATING LLC	J C FEDERAL	14	LEA	S:22, T:17S, R:32E	MALJAMAR	7,004	Active Permit
30-025-38695	COG OPERATING LLC	J C FEDERAL	11	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	7,023	Active Permit
30-025-38698	COG OPERATING LLC	J C FEDERAL	14	LEA	S:22, T:17S, R:32E	MALJAMAR (PADDOCK)	7,004	Active Permit





NMLC 058395

NMLC 029509-B

SC Federal #3

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Wednesday, October 29, 2008 2:52 PM
To: 'Robyn Odom'
Subject: SC Federal #3; NSL Application

Dear Ms. Odom

It appears that, in addition to the encroachment toward the NW/4 SE/4, this location encroaches on the diagonal toward the NE/4 SE/4. From the land plat, it appears that Unit I is part of the same lease. However, I need confirmation that ownership is identical between the NE/4 SE/4 (Unit I) and the subject unit, the SW/ SE/4 (Unit O).

Thanks

David K. Brooks
Legal Examiner
505-476-3450

10/29/2008

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Thursday, October 30, 2008 2:10 PM
To: 'Robyn Odom'
Subject: RE: SC Federal #3; NSL Application

Dear Ms. Odom

Thanks for your reply. However, I need confirmation that COG owns 100% of the working interest in Unit I of Section 22, or that working interest ownership in Unit I is identical to working interest ownership in Unit O.

Thanks

David Brooks

From: Robyn Odom [mailto:rodom@conchoresources.com]
Sent: Thursday, October 30, 2008 6:25 AM
To: Brooks, David K., EMNRD
Cc: Phyllis Edwards
Subject: RE: SC Federal #3; NSL Application

Dear Mr. Brooks,

Thank you for bringing this to my attention. COG does have ownership of these two units.

Thank you,

Robyn Odom
X4385

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Wednesday, October 29, 2008 4:52 PM
To: Robyn Odom
Subject: SC Federal #3; NSL Application

Dear Ms. Odom

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Thanks

David K. Brooks
Legal Examiner
505-476-3450

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10/30/2008

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This inbound email has been scanned by the MessageLabs Email Security System.

Brooks, David K., EMNRD

From: Robyn Odom [rodom@conchoresources.com]
Sent: Thursday, October 30, 2008 2:40 PM
To: Brooks, David K., EMNRD
Cc: Phyllis Edwards
Subject: RE: SC Federal #3; NSL Application
Attachments: S C Federal 3 NSL Land Plat.pdf

Mr. Brooks,

I am very sorry for the misunderstanding. Attached is an explanation of the ownership from one of our Land Techs., and a land plat showing COG's ownership of Section 22 with lease numbers. Please let me know if you have any questions.

Thank you,

Robyn Odom
X4385

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Thursday, October 30, 2008 4:10 PM
To: Robyn Odom
Subject: RE: SC Federal #3; NSL Application

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David Brooks

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Sent: Wednesday, October 29, 2008 4:52 PM

10/30/2008

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Subject: SC Federal #3; NSL Application

Dear Ms. Odom

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Thanks

David K. Brooks
Legal Examiner
505-476-3450

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This inbound email has been scanned by the MessageLabs Email Security System.

10/30/2008

Date: September 17, 2008

To: Phyllis Edwards/Robyn Odom

From: Debra Gerend

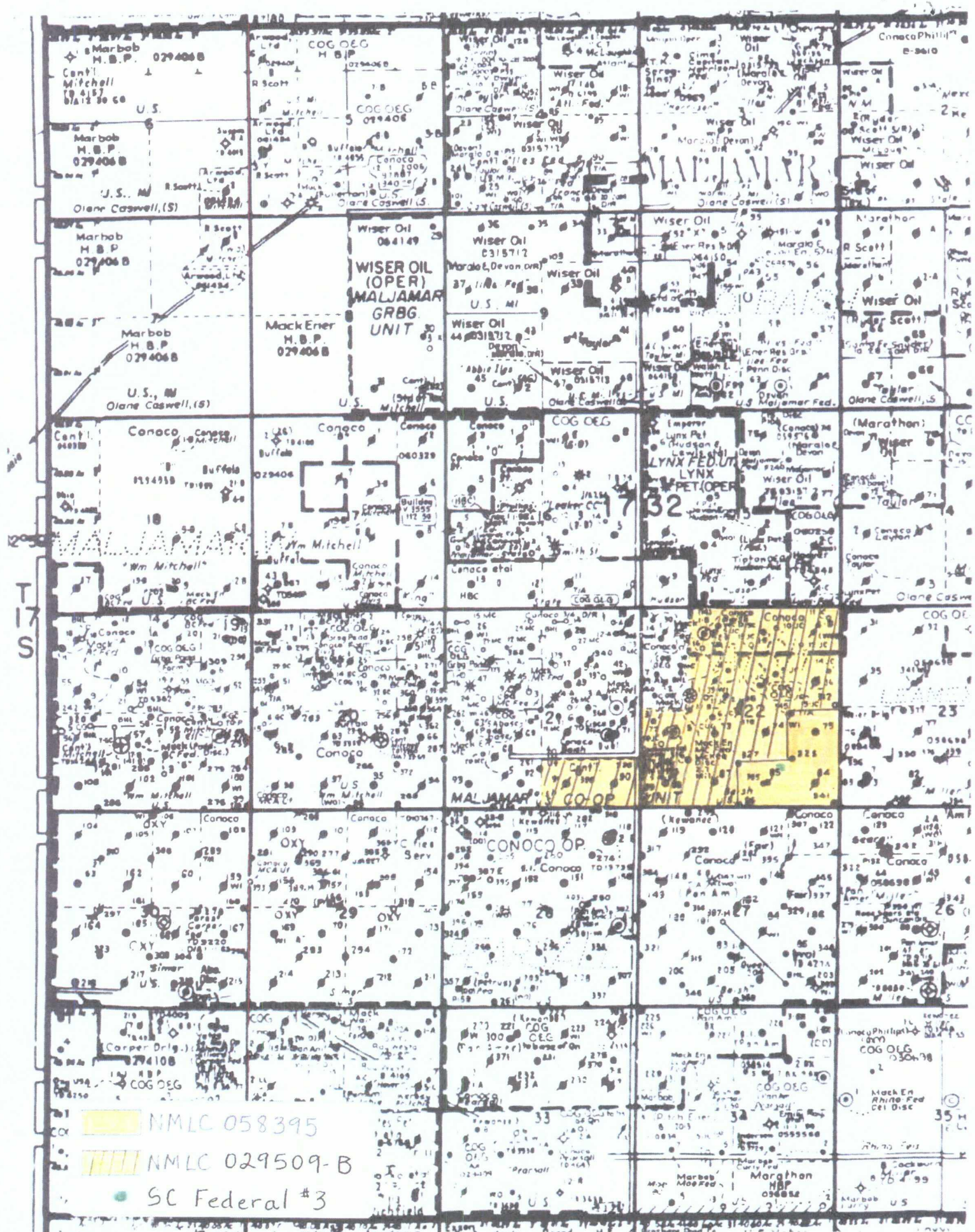
RE: Non-Standard Location – SC Federal #3
1000' FSL 1650' FEL, Unit O
Section 22, T-17-S, R-32-E
Lea County, New Mexico

Offset notice is not required because, as to the proposed Yeso formation, ownership is common between the spacing unit containing the unorthodox well (SC Federal #3 – Unit O in Section 22) and the adjoining spacing units (Unit J in Section 22 and the offset unit on the diagonal, Unit I in Section 22).

The leases covering these lands are broken down, as follows:

- A. BLM lease NMLC-058395
 - 1. Covers Unit O in Section 22 (the location of SC Federal #3), as well as the offset unit on the diagonal (Unit I in Section 22), as well as other lands (see attached plat).
- B. BLM lease NMLC-029509-B
 - 1. Covers Unit J in Section 22 (offset unit to the north), as well as other lands (see attached plat).

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



NMLC 058395

NMLC 029509-B

SC Federal #3