

DATE IN	SUSPENSE	Brooks ENGINEER	7/15/08 LOGGED IN	NSL TYPE	PKVRO819734299 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 LLC
JC Federal #27
5911

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
INTERESTS ARE THE SAME
- [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.

PHYLLIS A. EDWARDS
Print or Type Name

Phyllis A. Edwards
Signature

REGULATORY ANALYST
Title

7-11-08
Date

pedwards@conchoresources.com
e-mail Address

RECEIVED
2008 JUL 14 PM 3:39

**J C Federal #27
Lea County, NM**

COG proposes to drill a **VERTICAL** SW /4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7300'

Location: 1190' FSL & 990' FWL Sec 22, T17S, R32E, Unit M

**This well had to be drilled at a non-standard location
due to sand dune 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 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 J C Federal #27 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 SW / 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

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 30-025-		Pool Code 44500	Pool Name MALJAMAR: YESO, WEST
Property Code 302508	Property Name JC FEDERAL		Well Number 27
OGRID No. 229137	Operator Name COG OPERATING, LLC		Elevation 4033'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	22	17-S	32-E		1190	SOUTH	990	WEST	LEA

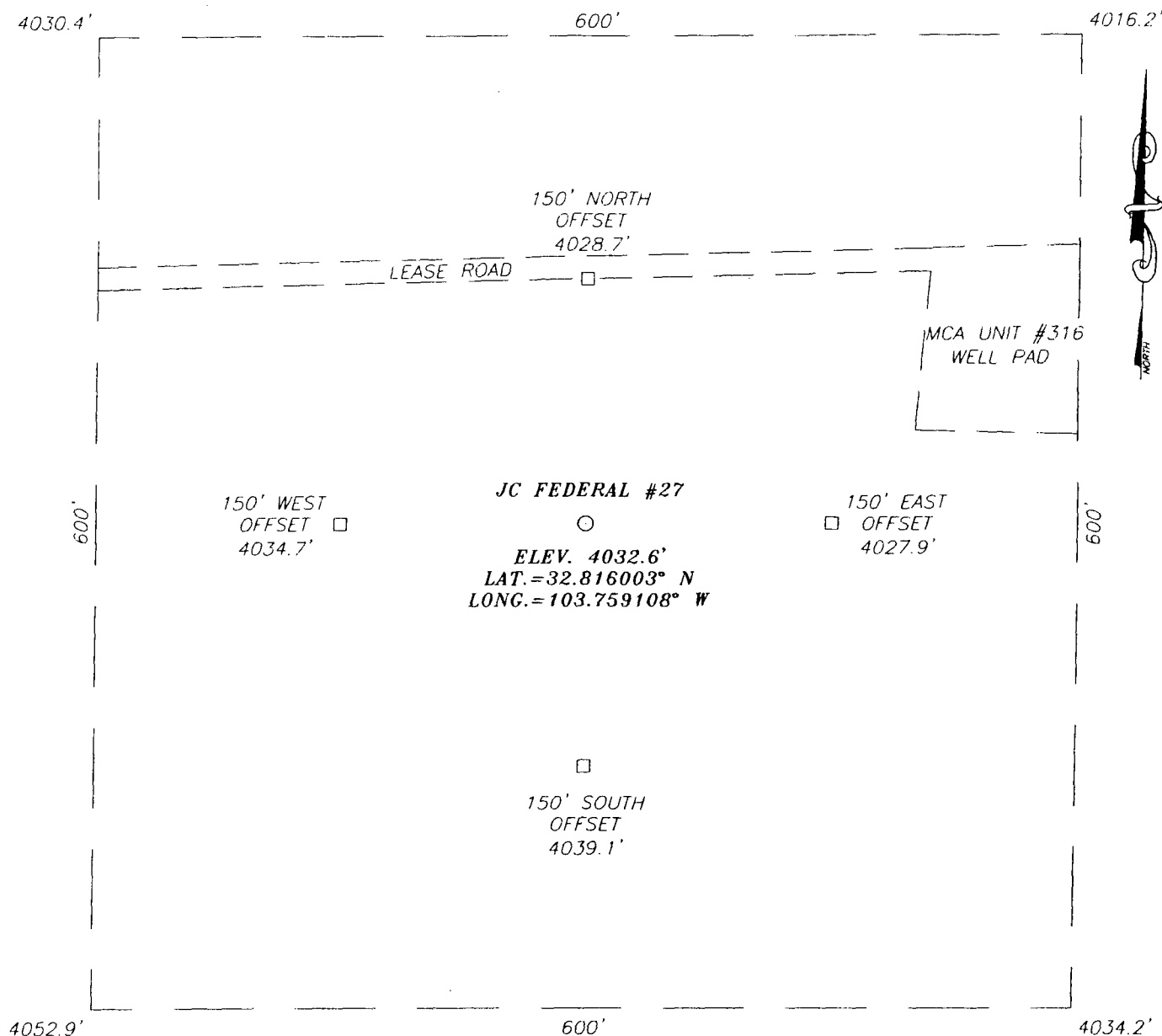
Bottom Hole Location If Different From Surface

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

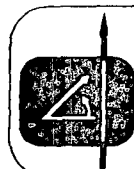
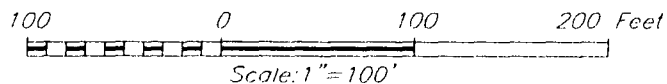
	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this 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. Signature: <i>Phyllis A. Edwards</i> Date: 7-11-08 Printed Name: Phyllis A. Edwards 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. Date Surveyed: JUNE 13, 2008 Signature: <i>Ronald J. Eidson</i> Professional Surveyor Certificate No. 3239 08.11.0965 Certificate No. 12841 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 ST. HWY. #529 AND CO. RD. L126 (MALJAMAR RD.), GO NORTH ON MALJAMAR RD. APPROX. 2.0 MILES. TURN RIGHT THEN GO EAST ON LEASE ROAD APPROX. 0.3 MILES. THIS LOCATION IS APPROX. 140 FEET SOUTH OF LEASE ROAD.



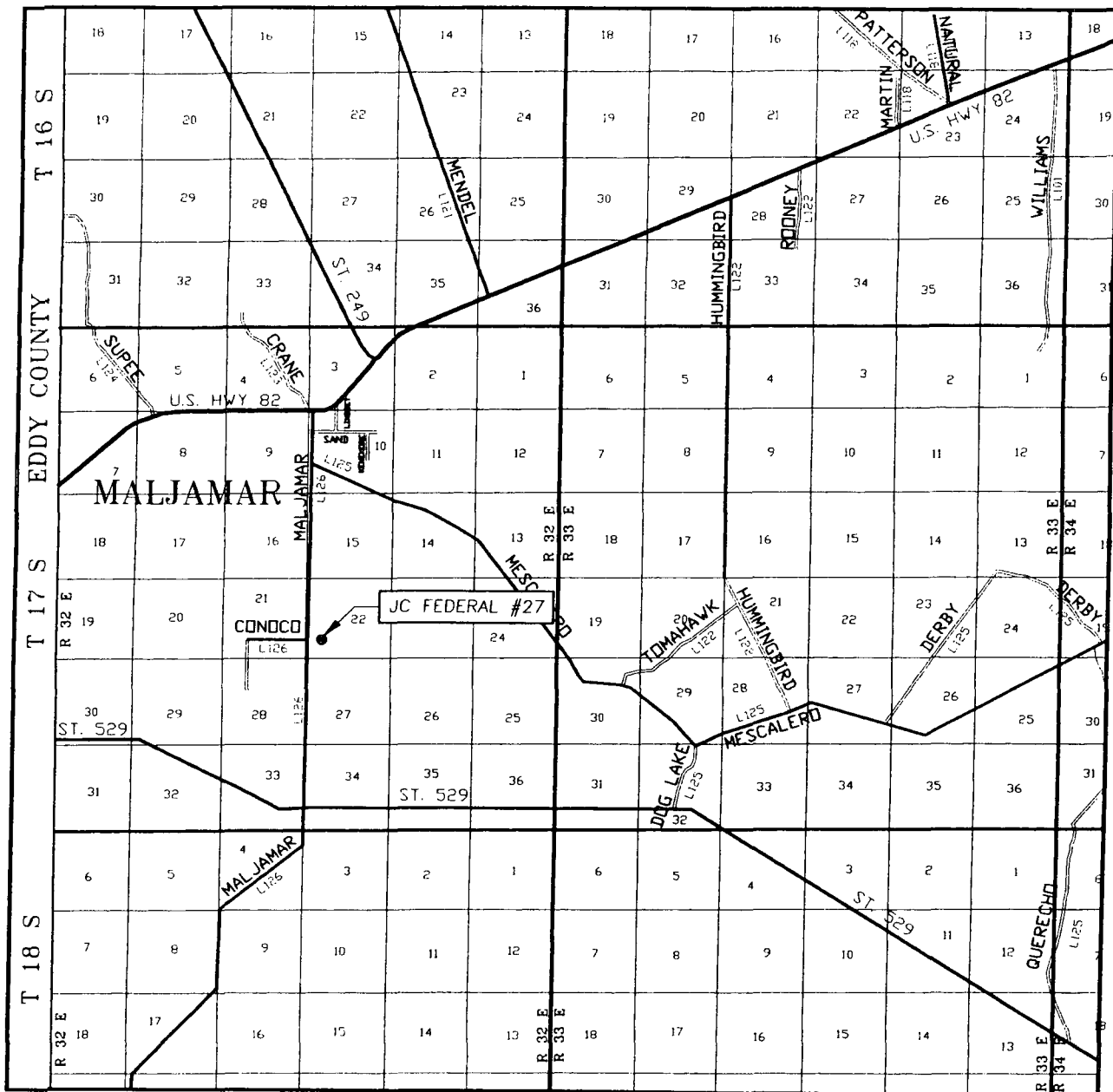
PROVIDING SURVEYING SERVICES
 SINCE 1946
JOHN WEST SURVEYING COMPANY
 412 N. DAL PASO
 HOBBS, N.M. 88240
 (505) 393-3117

COG OPERATING, LLC

JC FEDERAL #27 WELL
 LOCATED 1190 FEET FROM THE SOUTH LINE
 AND 990 FEET FROM THE WEST LINE OF SECTION 22,
 TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

Survey Date: 6/25/08	Sheet 1 of 1 Sheets
W.O. Number: 08.11.0965	Dr By: AR
Date: 7/08/08	Disk: 08110965
	Rev 1: N/A
	Scale: 1"=100'

VICINITY MAP



SCALE: 1" = 2 MILES

SEC. 22 TWP. 17-S RGE. 32-E

SURVEY N.M.P.M.

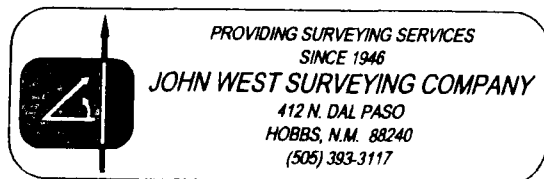
COUNTY LFA STATE NEW MEXICO

DESCRIPTION 1190' FSL & 990' FWL

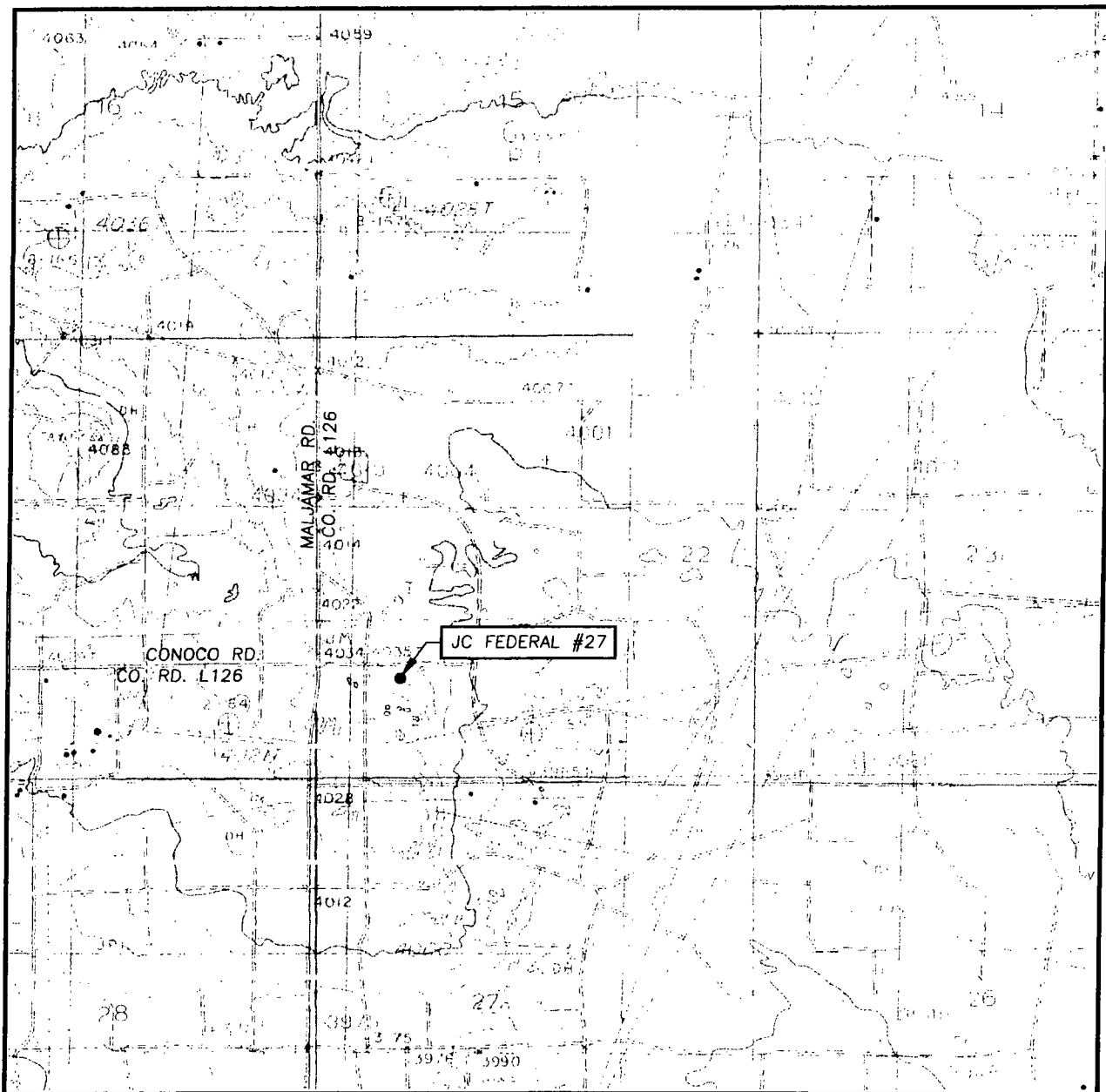
ELEVATION 4033'

OPERATOR COC OPERATING, LLC

LEASE JC FEDERAL



LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

SEC. 22 TWP. 17-S RGE. 32-E

SURVEY _____ N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 1190' FSL & 990' FWL

ELEVATION 4033'

OPERATOR COG OPERATING, LLC

LEASE JC FEDERAL

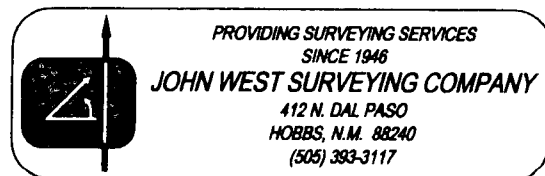
U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.

CONTOUR INTERVAL:

MALJAMAR, N.M. - 10'

DOG LAKE, N.M. - 10'

SUPPLEMENTAL - 5'



Offset Wells to J C Federal 27

API#	Operator	Lease	Well#	County	Legal	First Prod.	Last Prod.	Field Name	Reservoir Name	Well Stat
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	Apr 1966	Jan 1994	MALJAMAR	QUEEN (GAS)	Pumping
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:17S, R:32E	Jan 2001	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Injection V
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		Injection V
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:17S, R:32E	Jan 1973	Oct 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:17S, R:32E	Jan 1977	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	Temporari
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		Temporari
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	Injection V
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		Injection V
30-025-00631	CONOCOPHILLIPS COMPANY	MCA UNIT	073	LEA	S:22, T:17S, R:32E	Jan 1977	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
	CONOCOPHILLIPS	MCA			S:22,					

30-025-00631	COMPANY	UNIT	073	LEA	T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping
30-025-00635	CONOCO, INC.	MCA UNIT	040	LEA	S:22, T:17S, R:32E	Jan 1993	Jul 1996	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	Jan 1963	Dec 1963	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	Jan 1964	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084	LEA	S:22, T:17S, R:32E	Jan 2001	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Injection V
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084	LEA	S:22, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		Injection V
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075	LEA	S:22, T:17S, R:32E	Jan 1977	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075	LEA	S:22, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping
30-025-12795	CONOCOPHILLIPS COMPANY	MCA UNIT	086	LEA	S:22, T:17S, R:32E	May 1971	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-12796	CONOCO, INC.	MCA UNIT	089	LEA	S:22, T:17S, R:32E	Jan 1970	Aug 1996	MALJAMAR	GRAYBURG-SAN ANDRES	Shut-in
30-025-20647	CONOCO, INC.	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	Jan 1970	Nov 1990	MALJAMAR	ABO	Temporairl
30-025-20647	CONOCO, INC.	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	Dec 1964	Oct 1990	BAISH	WOLFCAMP	Temporairl
30-025-20647	COG OPERATING LLC	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	Jan 1969	Feb 2008	MALJAMAR	PADDOCK	Temporairl
30-025-24109	CONOCOPHILLIPS COMPANY	MCA UNIT	312	LEA	S:22, T:17S, R:32E	Jan 1993	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-24183	CONOCOPHILLIPS COMPANY	MCA UNIT	316	LEA	S:22, T:17S, R:32E	Jan 1993	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
					S:22,					

30-025-24236	CONOCOPHILLIPS COMPANY	MCA UNIT	325 LEA	T:17S, R:32E	Jan 1993	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24274	CONOCOPHILLIPS COMPANY	MCA UNIT	327 LEA	S:22, T:17S, R:32E	Apr 1993	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24376	CONOCOPHILLIPS COMPANY	MCA UNIT	338 LEA	S:22, T:17S, R:32E	Jan 1993	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24462	CONOCOPHILLIPS COMPANY	MCA UNIT	341 LEA	S:22, T:17S, R:32E	Jan 1993	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24499	CONOCOPHILLIPS COMPANY	MCA UNIT	345 LEA	S:22, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	Temporari
30-025-30116	CONOCO, INC.	MCA UNIT	378 LEA	S:22, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014 LEA	S:22, T:17S, R:32E	Jan 1989	Feb 2008	MALJAMAR	ABO	Pumping
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014 LEA	S:22, T:17S, R:32E	Oct 1988	Feb 2008	BAISH	WOLFCAMP	Pumping
30-025-30731	CONOCOPHILLIPS COMPANY	MCA UNIT	385 LEA	S:22, T:17S, R:32E	Jan 1990	Aug 2005	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-34647	COG OPERATING LLC	MC FEDERAL COM	001 LEA	S:22, T:17S, R:32E	Oct 1999	Feb 2008	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-34772	COG OPERATING LLC	J C FEDERAL	002 LEA	S:22, T:17S, R:32E	Feb 2000	Feb 2008	MALJAMAR	PADDOCK	Pumping
30-025-35989	COG OPERATING LLC	MC FEDERAL	008 LEA	S:22, T:17S, R:32E	Feb 2003	Feb 2008	MALJAMAR	PADDOCK	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	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Plugged ar
30-025-00633	CONOCO, INC.	MCA UNIT	037 LEA	S:22, T:17S, R:32E	Jan 1977	Mar 2002	MALJAMAR	GRAYBURG-SAN ANDRES	Plugged ar
				S:22,					

30-025-00623	CONOCO, INC.	BAISH A	002 LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00634	CONOCO, INC.	BAISH B	005 LEA	S:22, T:17S, R:32E	Jan 1963 Dec 1969 MALJAMAR	DEVONIAN	Active
30-025-00638	CONOCO, INC.	BAISH B	004 LEA	S:22, T:17S, R:32E	Jan 1963 Dec 1971 MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00637	CONOCO, INC.	BAISH B	001 LEA	S:22, T:17S, R:32E	Jan 1963 Oct 1971 BAISH	WOLFCAMP	Active
30-025-12780	CONOCO, INC.	MCA UNIT	038 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00000		BAISH B	014 LEA	S:22, T:17S, R:32E	Jan 1962 Apr 1962 MALJAMAR	STRAWN	Active
30-025-00624		MCA UNIT BATTERY 2	030 LEA	S:22, T:17S, R:32E	Jan 1963 Sep 1970 MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00624		MCA UNIT BATTERY 2	030 LEA	S:22, T:17S, R:32E	Jan 1969 Sep 1970 MALJAMAR GB SA (DO NOT USE)	GRAYBURG-SAN ANDRES	Active
30-025-00624		MCA UNIT BATTERY 2	030 LEA	S:22, T:17S, R:32E	Jan 1970 Sep 1970 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Active
30-025-00635		MCA UNIT BATTERY 2	040 LEA	S:22, T:17S, R:32E	Jan 1963 Dec 1993 MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00635		MCA UNIT BATTERY 2	040 LEA	S:22, T:17S, R:32E	Jan 1970 Dec 1976 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-00635		MCA UNIT BATTERY 20	040 LEA	S:22, T:17S, R:32E	BAISH	YATES	Pumping
30-025-00632		MCA UNIT BATTERY 2	039 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
		MCA		S:22,			

30-025-00632	UNIT BATTERY 2	039 LEA	T:17S, R:32E	Nov 1974	Nov 1974	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Active
30-025-00000	BAISH B	017 LEA	S:22, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	PreOngard
30-025-24109	MCA UNIT BATTERY 2	312 LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-24109	MCA UNIT BATTERY 2	312 LEA	S:22, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Active
30-025-24236	MCA UNIT BATTERY 2	325 LEA	S:22, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-24236	MCA UNIT BATTERY 2	325 LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24499	MCA UNIT BATTERY 2	345 LEA	S:22, T:17S, R:32E	Oct 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Temporari
30-025-24499	MCA UNIT BATTERY 2	345 LEA	S:22, T:17S, R:32E	Jan 1977	Jun 1986	MALJAMAR	GRAYBURG-SAN ANDRES	Temporari
30-025-30116	MCA UNIT BATTERY 2	378 LEA	S:22, T:17S, R:32E	Jan 1988	Jun 1990	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24376	MCA UNIT BATTERY 2	338 LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24376	MCA UNIT BATTERY 2	338 LEA	S:22, T:17S, R:32E	Apr 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-12796	MCA UNIT BATTERY 2	089 LEA	S:22, T:17S, R:32E	Jan 1970	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Shut-in
	MCA							

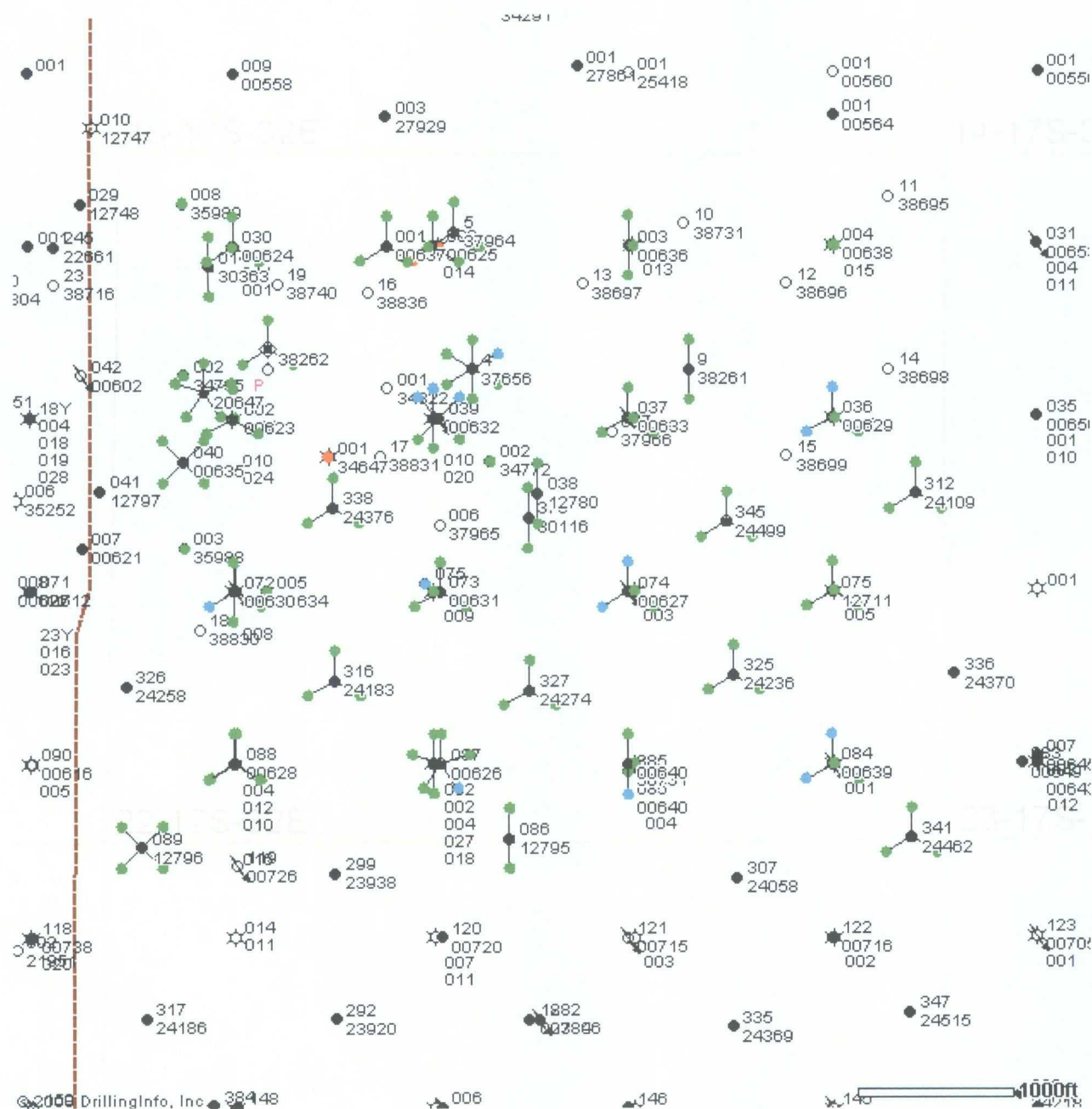
30-025-12796	UNIT BATTERY 2	089 LEA	S:22, T:17S, R:32E	Apr 1969	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Shut-in
30-025-24183	MCA UNIT BATTERY 2	316 LEA	S:22, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-24183	MCA UNIT BATTERY 2	316 LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00626	MCA UNIT BATTERY 2	087 LEA	S:22, T:17S, R:32E	Jan 1967	Dec 1967	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00626	MCA UNIT BATTERY 2	087 LEA	S:22, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-24274	MCA UNIT BATTERY 2	327 LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24274	MCA UNIT BATTERY 2	327 LEA	S:22, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-00640	MCA UNIT BATTERY 3	085 LEA	S:22, T:17S, R:32E	Jan 1963	Jul 1989	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-24462	MCA UNIT BATTERY 2	341 LEA	S:22, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-24462	MCA UNIT BATTERY 2	341 LEA	S:22, T:17S, R:32E	Aug 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Pumping
30-025-35988	COG OPERATING LLC	J C FEDERAL	S:22, T:17S, R:32E	Dec 2003	Feb 2008	MALJAMAR	PADDOCK	Active
30-025-20647	CONTINENTAL OIL COMPANY	BAISH A	S:22, T:17S, R:32E	Dec 1964	Dec 1969	MALJAMAR ABO		Temporairil
	CONTINENTAL	MCA UNIT	S:22,					

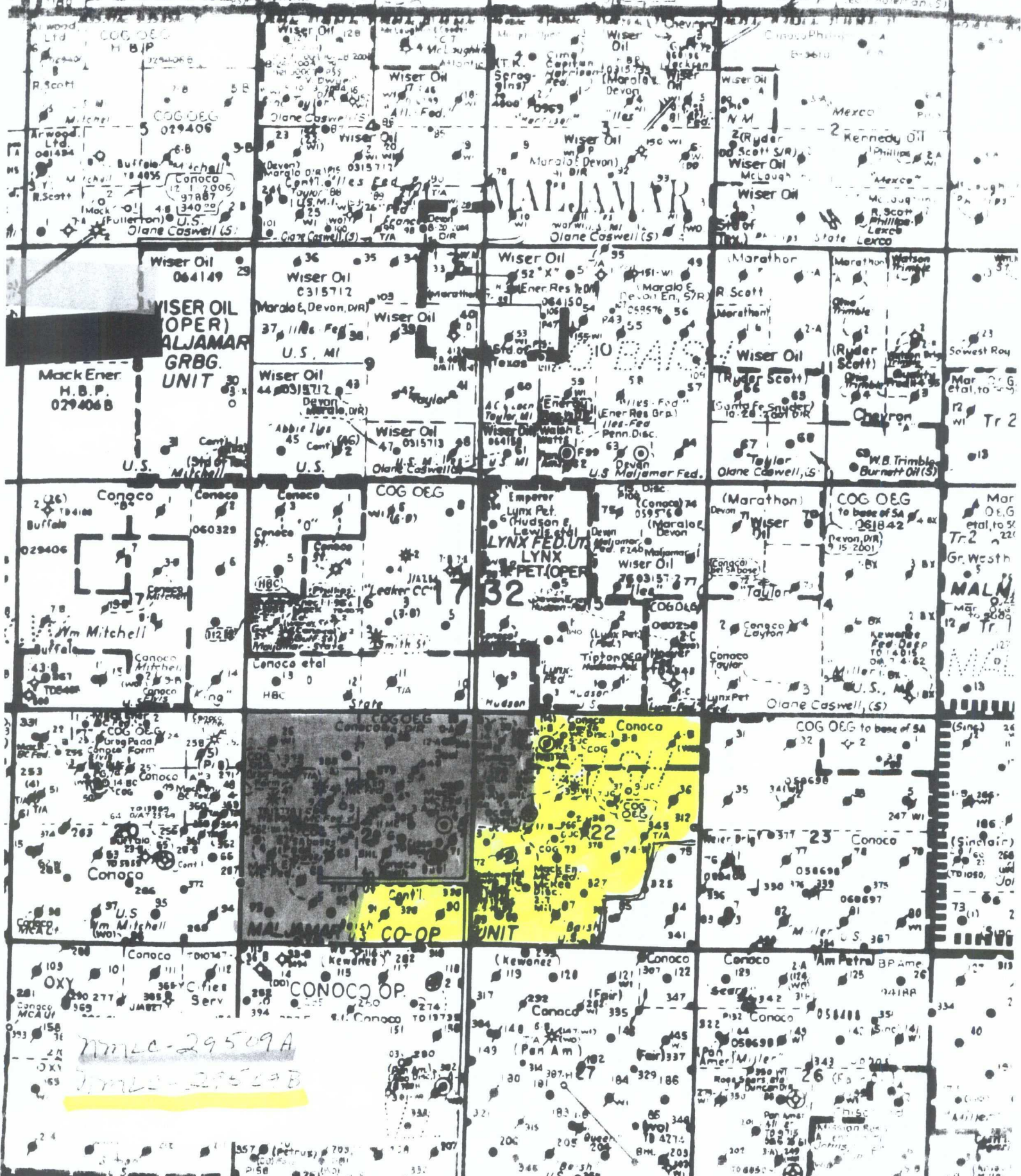
30-025-00629	OIL COMPANY	BATTERY 3	036 LEA	T:17S, R:32E	Jan 1963	Jun 1968	MALJAMAR REPRESS	Temporarily
30-025-00633	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	037 LEA	S:22, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	Plugged and abandoned
30-025-00632	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	039 LEA	S:22, T:17S, R:32E	Jan 1963	May 1968	MALJAMAR REPRESS	Active
30-025-00630	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	072 LEA	S:22, T:17S, R:32E	Jan 1963	Jan 1969	MALJAMAR REPRESS	Injection Well
30-025-00631	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	073 LEA	S:22, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	Pumping
30-025-00627	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	074 LEA	S:22, T:17S, R:32E	Jan 1963	Aug 1968	MALJAMAR REPRESS	Injection Well
30-025-12711	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	075 LEA	S:22, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	Pumping
30-025-00639	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	084 LEA	S:22, T:17S, R:32E	Jan 1963	Jan 1969	MALJAMAR REPRESS	Injection Well
30-025-00626	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	087 LEA	S:22, T:17S, R:32E	Jan 1963	May 1968	MALJAMAR REPRESS	Pumping
30-025-00628	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	088 LEA	S:22, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	Pumping
30-025-00637	CONTINENTAL OIL COMPANY	BAISH B	001 LEA	S:22, T:17S, R:32E	Jan 1964	Dec 1967	MAGRUDER YATES	Active
30-025-00000	BUFFALO	BAISH B	012 LEA	S:22, T:17S, R:32E	Feb 1952	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	011 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active

30-025-00000	BUFFALO OIL COMPANY	BAISH B	002 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	003 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH B	004 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFAALO OIL COMPANY	BAISH B	007 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BUISH B	008 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	009 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	010 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	011 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	001 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	004 LEA	S:22, T:17S, R:32E	Nov 1946	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	005 LEA	S:22, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	010 LEA	S:22, T:17S, R:32E	Jan 1945	Feb 1956	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y LEA	S:22, T:17S, R:32E	Jan 1953	Dec 1955	BAISH POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	024 LEA	S:22, T:17S, R:32E	Feb 1956	Dec 1962	MALJAMAR REPRESSURING	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	004 LEA	S:22, T:17S, R:32E	Jan 1951	Dec 1955	MALJAMAR REPRESSURING POOL	Active

30-025-00637	BUFFALO OIL COMPANY	BAISH B	001 LEA	S:22, T:17S, R:32E	Jan 1948	Oct 1971	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00000	BUFFALO OIL CO.	BAISH	012 LEA	S:22, T:17S, R:32E	Jan 1947	Dec 1947	MALJAMAR AREA		Active
30-025-00000	BUFFALO OIL CO.	BAISH B	004 LEA	S:22, T:17S, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL		Active
30-025-12780	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	038 LEA	S:22, T:17S, R:32E	Mar 1971	Dec 1971	MALJAMAR GRAYBURG SA REPRES		Active
30-025-12795	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	086 LEA	S:22, T:17S, R:32E	May 1971	Dec 1971	MALJAMAR GRAYBURG SA REPRES		Pumping
30-025-12796	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	089 LEA	S:22, T:17S, R:32E	Jan 1971	Dec 1971	MALJAMAR GRAYBURG SA REPRES		Shut-in
30-025-00000	CONTINENTAL OIL CO	BAISH B FED	013 LEA	S:22, T:17S, R:32E	Jan 1960	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	Jun 1960	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	Jun 1960	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	May 1962	Dec 1962	BAISH WOLFCAMP		Active
30-025-20647	CONTINENTAL OIL CO	BAISH A	013 LEA	S:22, T:17S, R:32E	Jan 1967	Oct 1967	BAISH WOLFCAMP		Temporairil
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	Mar 2006	Oct 2006	BAISH	WOLFCAMP	Active Perr
30-025-00000	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	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	Active Perr

30-025-38262	COG OPERATING LLC	MC FEDERAL	10 LEA	S:22, T:17S, R:32E	Apr 2007	May 2007	MALJAMAR	PADDOCK	Active
30-025-38261	COG OPERATING LLC	J C FEDERAL	9 LEA	S:22, T:17S, R:32E	Oct 2007	Nov 2007	MALJAMAR	PADDOCK	Active
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E			BAISH-WLFCP & MALJAMAR ABO		Active Per
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E			MALJAMAR; PADDOCK		Active Per
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E			BAISH WOLFCAMP		Active Per
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	Jul 2006	Aug 2006	MALJAMAR	ABO	Active Per
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	Aug 2006	Feb 2008	MALJAMAR	PADDOCK	Active Per
30-025-37964	COG OPERATING LLC	J C FEDERAL	5 LEA	S:22, T:17S, R:32E			MALJAMAR; PADDOCK 44500		Active Per
30-025-38262	COG OPERATING LLC	MC FEDERAL	10 LEA	S:22, T:17S, R:32E			WILDCAT YESO		Active
30-025-37964	COG OPERATING LLC	J C FEDERAL	5 LEA	S:22, T:17S, R:32E	Dec 2006	Feb 2008	MALJAMAR	PADDOCK	Active Per
30-025-38262	COG OPERATING LLC	MC FEDERAL	10 LEA	S:22, T:17S, R:32E	Apr 2007	Feb 2008	WILDCAT G-02 S173222E	YESO	Active
30-025-00640	STEVENS OPERATING CORPORATION	PRE- ONGARD WELL	085 LEA	S:22, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-38261	COG OPERATING LLC	J C FEDERAL	9 LEA	S:22, T:17S, R:32E	Dec 2007	Feb 2008	WILDCAT G-02 S173222E	YESO	Active





Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Tuesday, August 12, 2008 3:22 PM
To: 'Phyllis Edwards'
Subject: JC Federal # 27

Dear Ms. Edwards

It would appear that the proposed location for this well encroaches not only toward the NW/4 SW/4 (Unit L) of Section 22, but also toward the NE/4 SW/4 (Unit K) of Section 22. See Rule 1210.A(2)(c) requiring notice to owners in "adjoining" spacing units toward which the location encroaches, and Rule 7.A(3) providing that "adjoining" units include those that touch at a point.

OCD records show no wells completed in the Yeso in Unit K of Section 22. However, COG's JC Federal #6 is shown as located in that Section, with no zone of completion indicated. Is ownership in Unit M identical with that in Units L and M. If not, notice to owners in Unit K is required.

Sincerely

David K. Brooks
Legal Examiner
505-476-3450

8/12/2008

Brooks, David K., EMNRD

From: Phyllis Edwards [PEdwards@conchoresources.com]
Sent: Wednesday, August 13, 2008 6:54 AM
To: Brooks, David K., EMNRD
Subject: RE: JC Federal # 27

Dear Mr. Brooks,
I will get you the additional information you need ASAP.
Thanks,

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: Tuesday, August 12, 2008 5:22 PM
To: Phyllis Edwards
Subject: JC Federal # 27

Dear Ms. Edwards

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Sincerely

David K. Brooks
Legal Examiner
505-476-3450

Confidentiality Notice: This e-mail, including all attachments is for the sole use of the intended recipient

8/13/2008

Phyllis Edwards

From: TO: Brooks, David K., EMNRD [david.brooks@state.nm.us]
Sent: Tuesday, August 12, 2008 5:22 PM
To: FROM: Phyllis Edwards
Subject: JC Federal # 27

MR. BROOKS - AS YOU REQUESTED

Dear Ms. Edwards

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Sincerely

David K. Brooks
Legal Examiner
505-476-3450

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Thanks!
Phyllis Edwards
432-685-4340

RECEIVED
2008 SEP 2 PM 3 24

Date: August 19, 2008

To: Phyllis Edwards

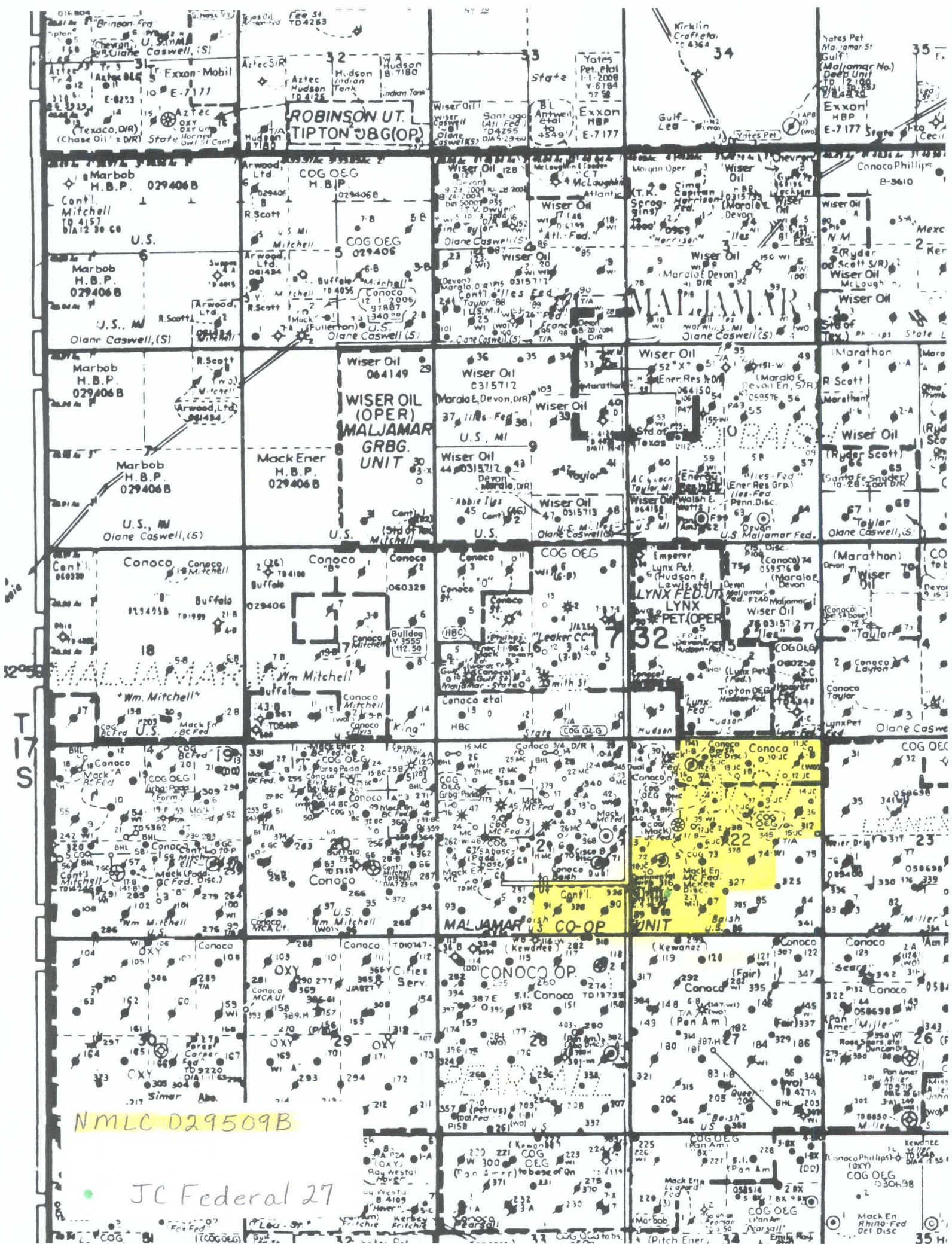
From: Debra Gerend

RE: Non-Standard Location – JC Federal #27
Section 22, T17S, R-32E
Lea County, New Mexico

Please be advised that ownership and operator, as to the proposed Yeso formation, are common between the spacing unit containing the unorthodox well (JC Federal #27 - Unit M) and the adjoining spacing units (Units K and L). COG and ConocoPhillips own and COG operates these depths/formations under a Farmout Agreement from ConocoPhillips.

Unit M (JC Federal #27) and the adjoining Units K and L are included in BLM lease NMLC-29509-B which covers the SW/4 of Section 22 as well as additional lands.

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



ROBINSON UT.
TIPTON JBG(OP)

WISER OIL
(OPER)
MALJAMAR
GRBG.
UNIT

MALJAMAR

LYNX FED. UT.
LYNX
PET(OPER)

MALJAMAR CO-OP

CONOCO OP

UNIT

NMLC 029509B

JC Federal 27