

DATE IN 1/17/08	SUSPENSE	Brooks ENGINEER	1/17/08 LOGGED IN	NSL TYPE	PKVR0801736902 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 #16
 5784

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

[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

1/16/08
 Date

pedwards@conchoresources.com
 e-mail Address

RECEIVED
 2008 JAN 17 AM 9 53

**J C Federal #16
Lea County, NM**

COG proposes to drill a **VERTICAL** NW /4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7100'

Location: 1060' FNL & 1575' FWL Sec 22, T17S, R32E, Unit C

This well had to be drilled at a non-standard location
due to power lines.

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 #16 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 NW / 4 of Section 22 &
SE / 4 of the NW / 4 of Section 22.
Interests are the same.

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

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBS, NM 88240

DISTRICT II

1301 W. GRAND AVENUE, ARTESIA, NM 88210

DISTRICT III

1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV

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

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name <i>W. Malgamen West</i>
Property Code	Property Name JC FEDERAL	Well Number 16
OGRID No.	Operator Name COG OPERATING, LLC	Elevation 4007'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	22	17-S	32-E		1060	NORTH	1575	WEST	LEA

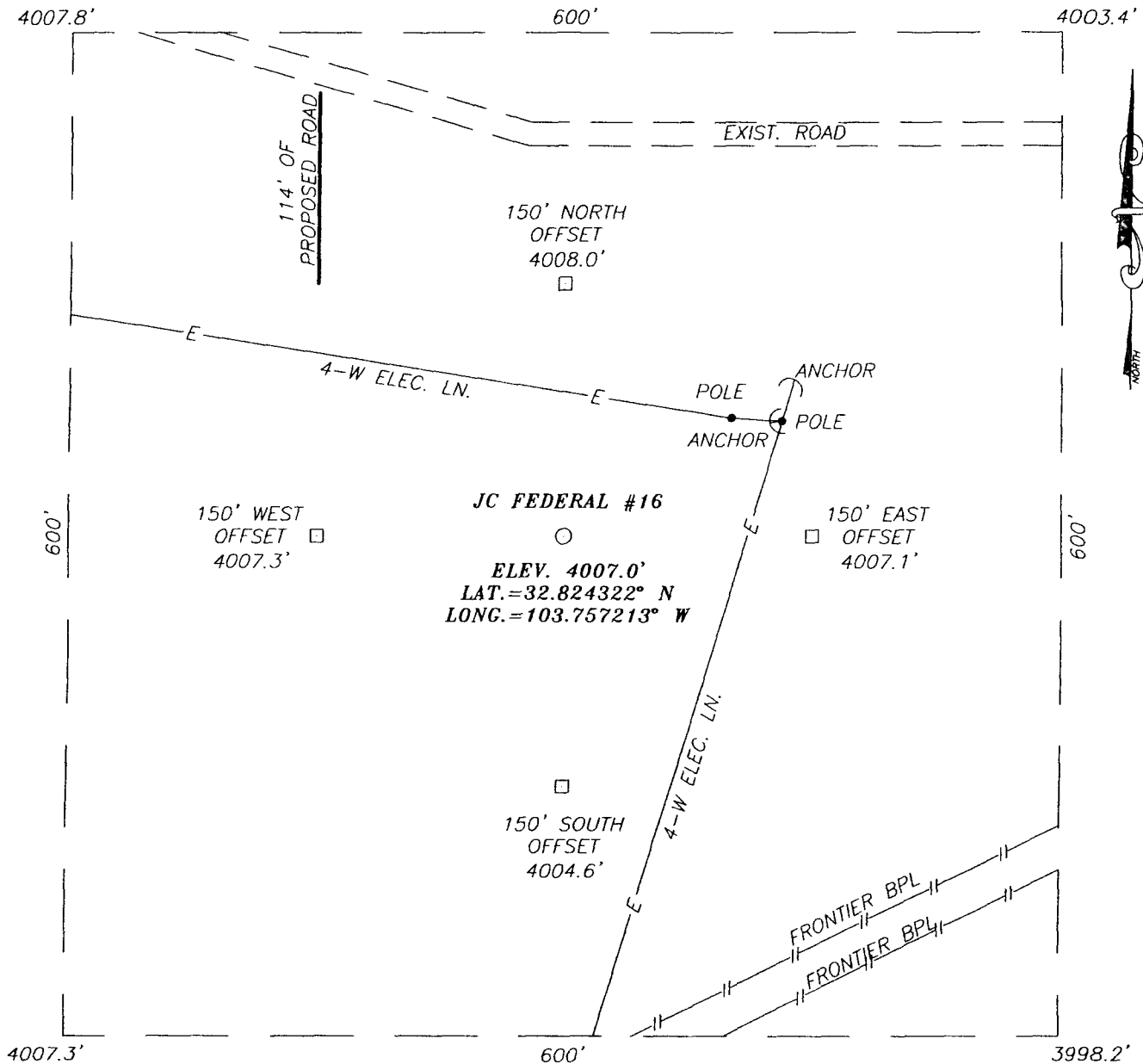
Bottom Hole Location If Different From Surface

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

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

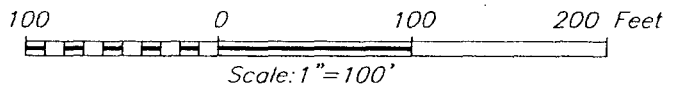
	GEODETIC COORDINATES NAD 27 NME Y=664081.9 N X=676979.4 E LAT.=32.824322° N LONG.=103.757213° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral 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. <i>Ronald Eidsen</i> 1-16-2008 Signature Date <i>Ronald Eidsen</i> Printed Name Field Coordinator
		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.
		JANUARY 31 2008 Date Surveyed Signature & Seal of Professional Surveyor <i>Ronald Eidsen</i> 01/09/08 07-11,4619
		Certificate No. GARY EIDSON 12641 RONALD 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 U.S. HWY. #82 AND
CO. RD. #L126 (MALJAMAR RD.) GO SOUTH ON
MALJAMAR ROAD APPROX. 2.1 MILES. TURN LEFT
AND GO EAST-SOUTHEAST APPROX. 0.3 MILES.
THIS LOCATION IS APPROX. 250 FEET SOUTH.



COG OPERATING, LLC

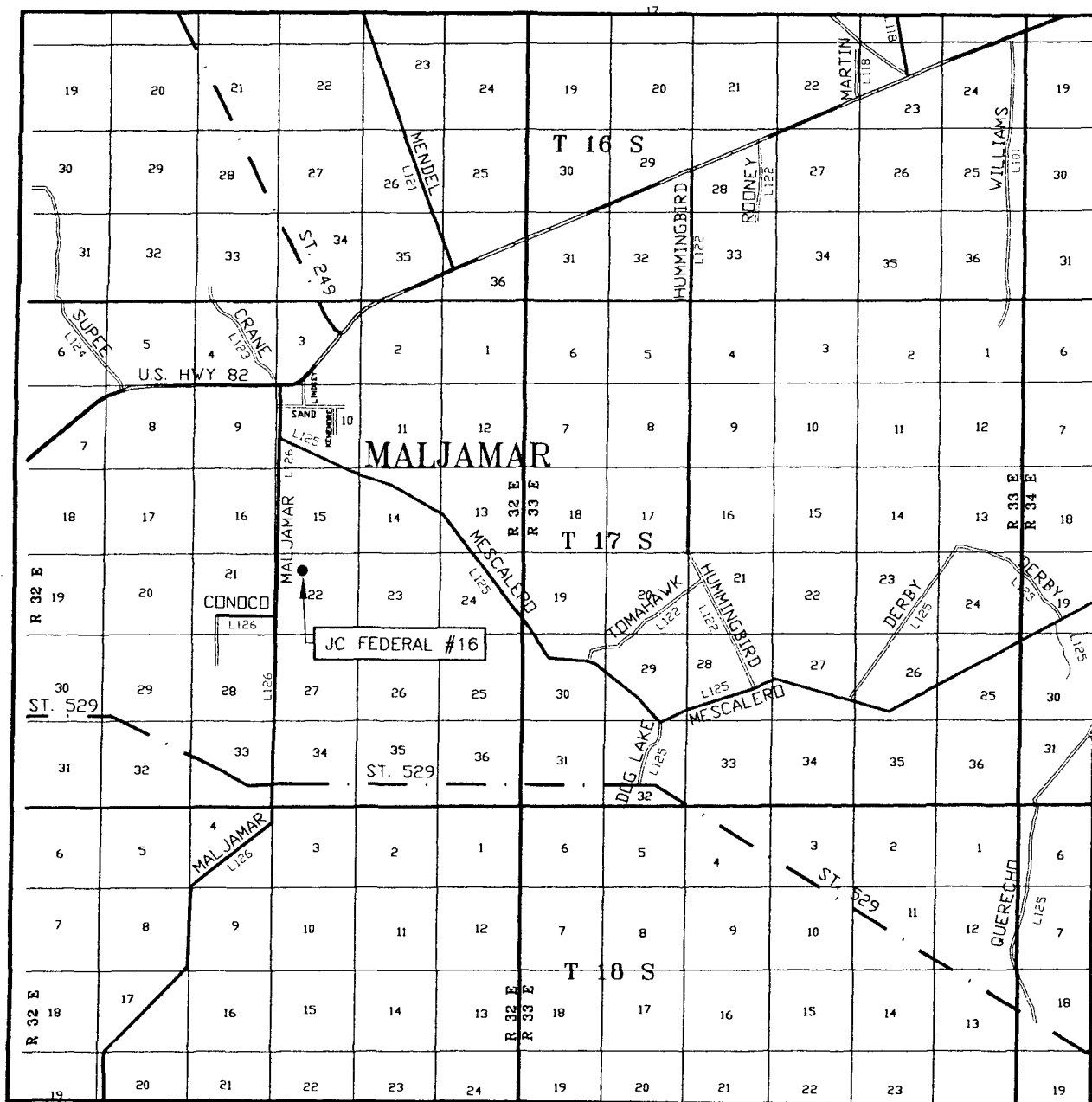
JC FEDERAL #16 WELL
LOCATED 1060 FEET FROM THE NORTH LINE
AND 1575 FEET FROM THE WEST LINE OF SECTION 22,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 1/3/08	Sheet 1 of 1 Sheets
W.O. Number: 07.11.1619	Dr By: LA
Date: 1/8/07	07111619
	Scale: 1"=100'



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

VICINITY MAP



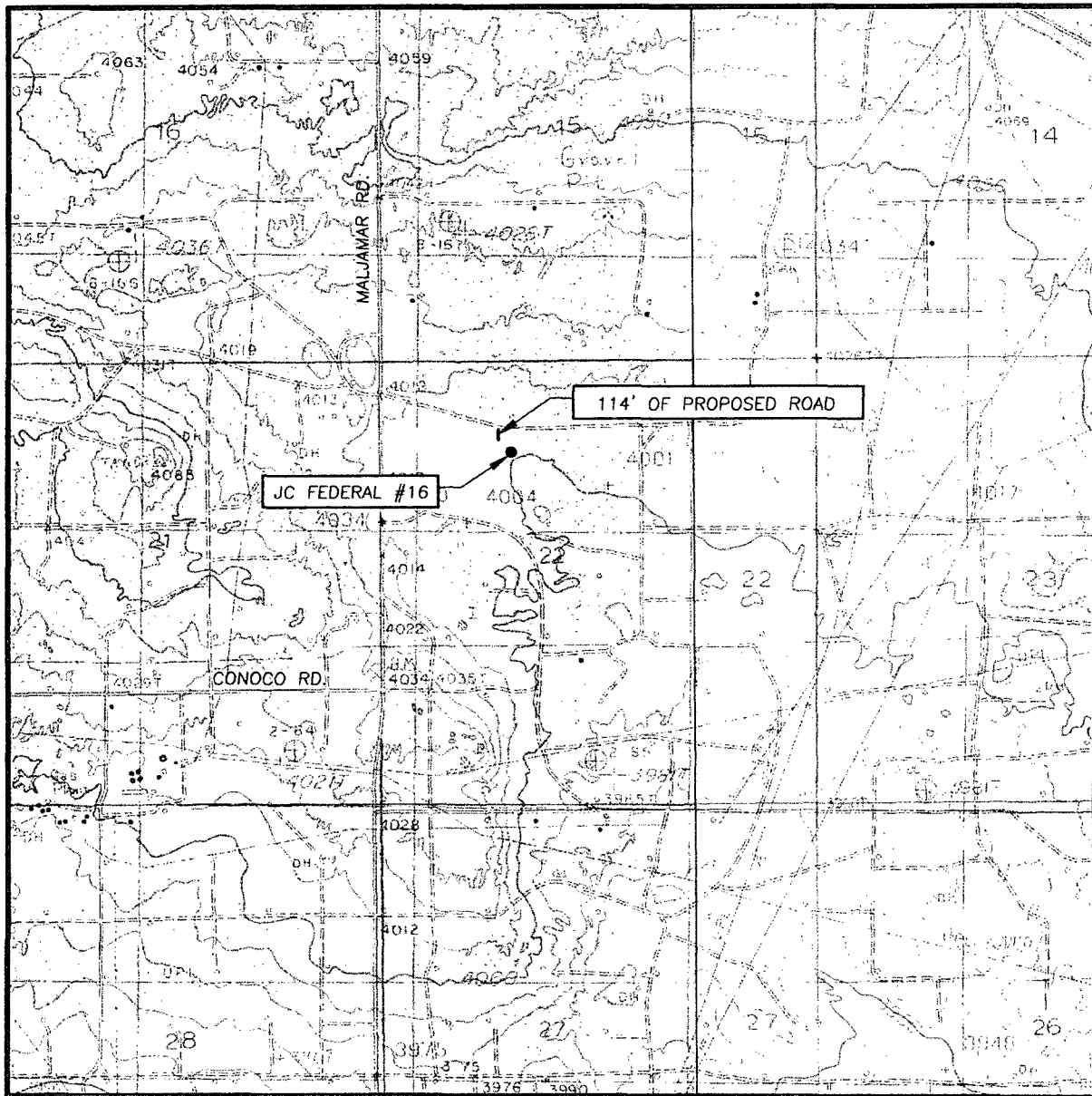
SCALE: 1" = 2 MILES

SEC. 22 TWP. 17-S RGE. 32-E
 SURVEY N.M.P.M.
 COUNTY LEA STATE NEW MEXICO
 DESCRIPTION 1060' FNL & 1575' FWL
 ELEVATION 4007'
 OPERATOR COG OPERATING, LLC
 LEASE JC FEDERAL



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

LOCATION VERIFICATION MAP



SCALE: 1" = 2000'

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

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

SURVEY N.M.P.M.

COUNTY LEA STATE NEW MEXICO

DESCRIPTION 1060' FNL & 1575' FWL

ELEVATION 4007'

OPERATOR COG OPERATING, LLC

LEASE JC FEDERAL

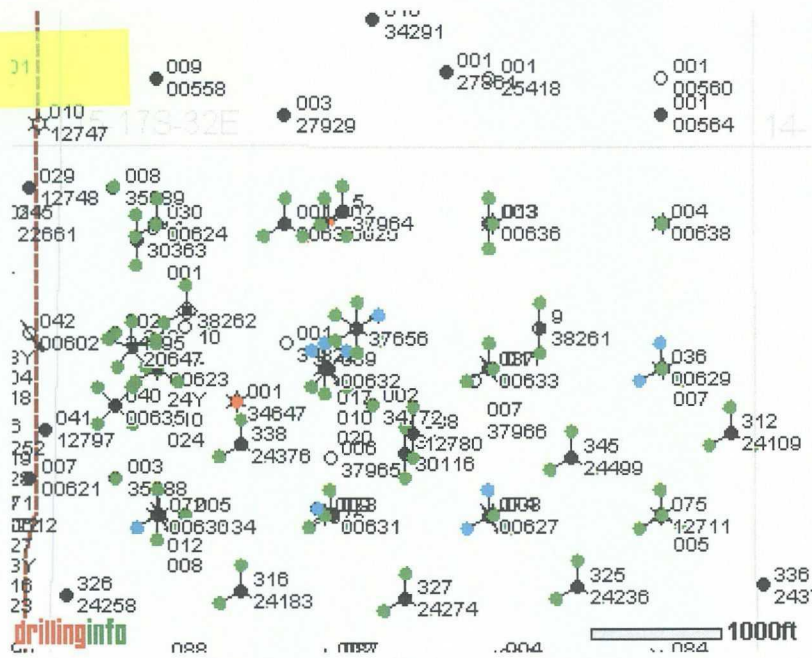
U.S.G.S. TOPOGRAPHIC MAP
MALJAMAR, N.M.



PROVIDING SURVEYING SERVICES
SINCE 1946

JOHN WEST SURVEYING COMPANY

412 N. DAL PASO
HOBBS, N.M. 88240
(505) 393-3117



Offset Wells J C Federal #16

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Status
30-025-34795	MAC K ENERGY CORP	Unknown	002	LEA	S:22, T:1:17S, R:3:2E	Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES	Active	
30-025-00625	CONOCO, INC.	BAISH B	002	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	QUEEN (GAS)	Pumping	
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-00626	CONOCO, INC.	MCA UNIT	087	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Pumping
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-00627	CONOCOPHILLIPS COMPANY	MCA UNIT	074	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Injection Well
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Pumping
30-025-00628	CONOCOPHILLIPS COMPANY	MCA UNIT	088	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily Abandoned	
30-025-00629	CONOCOPHILLIPS COMPANY	MCA UNIT	036	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Temporarily Abandoned	
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-00630	CONOCO, INC.	MCA UNIT	072	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Injection Well
30-025-00631	CONOCOPHILLIPS COMPANY	MCA UNIT	073	LEA	S:22, T:1:17S, R:3:2E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
	CONOCOPHILLIPS	MCA			S:22, T:1:17S, R:3:2E				

30-025-00631	COMPANY	UNIT	073	LEA	T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	0	Pumping	
30-025-00635	CONOCO, INC.	MCA UNIT	040	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping	
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		Pumping	
30-025-00636	CONOCOPHILLIPS COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping	
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Injection Well
30-025-00639	CONOCOPHILLIPS COMPANY	MCA UNIT	084	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Injection Well
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-12711	CONOCOPHILLIPS COMPANY	MCA UNIT	075	LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	Pumping
30-025-12795	CONOCOPHILLIPS COMPANY	MCA UNIT	086	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping	
30-025-12796	CONOCO, INC.	MCA UNIT	089	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Shut-in
30-025-20647	CONOCO, INC.	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	MALJAMAR	ABO	9,958	Temporarily Abandoned
30-025-20647	CONOCO, INC.	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	9,958	Temporarily Abandoned
30-025-20647	COG OPERATING LLC	MC FEDERAL	013	LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	9,958	Temporarily Abandoned
30-025-24109	CONOCOPHILLIPS COMPANY	MCA UNIT	312	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Active
30-025-24183	CONOCOPHILLIPS COMPANY	MCA UNIT	316	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping

30-025-24236	CONOCOPHILLIPS COMPANY	MCA UNIT	325	LEA	T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-24274	CONOCOPHILLIPS COMPANY	MCA UNIT	327	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	Pumping
30-025-24376	CONOCOPHILLIPS COMPANY	MCA UNIT	338	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	Pumping
30-025-24462	CONOCOPHILLIPS COMPANY	MCA UNIT	341	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		Pumping
30-025-24489	CONOCOPHILLIPS COMPANY	MCA UNIT	345	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily Abandoned	
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	MALJAMAR	ABO		Pumping
30-025-30363	CONOCOPHILLIPS COMPANY	BAISH A	014	LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP		Pumping
30-025-30731	CONOCOPHILLIPS COMPANY	MCA UNIT	385	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,420	Pumping
30-025-34647	COG OPERATING LLC	MC FEDERAL COM	001	LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	14,912	Pumping
30-025-34772	COG OPERATING LLC	J C FEDERAL	002	LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	5,950	Pumping
30-025-35989	COG OPERATING LLC	MC FEDERAL	008	LEA	S:22, T:17S, R:32E	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	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	MALJAMAR	GRAYBURG-SAN ANDRES	99,999	Plugged and Abandoned

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	MALJAMAR	DEVONIAN	13,554 Active
30-025-00638	CONOCO, INC.	BAISH B	004 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00637	CONOCO, INC.	BAISH B	001 LEA	S:22, T:17S, R:32E	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	MALJAMAR	STRAWN	Active
30-025-00624		MCA UNIT BATTERY 2	030 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00624		MCA UNIT BATTERY 2	030 LEA	S:22, T:17S, R:32E	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	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	Active
30-025-00635		MCA UNIT BATTERY 2	040 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping
30-025-00635		MCA UNIT BATTERY 2	040 LEA	S:22, T:17S, R:32E	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	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	MALJAMAR	GRAYBURG-SAN ANDRES	0 Active	
30-025-24109	MCA UNIT BATTERY 2	312 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Active	
30-025-24236	MCA UNIT BATTERY 2	325 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping	
30-025-24236	MCA UNIT BATTERY 2	325 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping	
30-025-24499	MCA UNIT BATTERY 2	345 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	Temporarily Abandoned	
30-025-24499	MCA UNIT BATTERY 2	345 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Temporarily Abandoned	
30-025-30116	MCA UNIT BATTERY 2	378 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Pumping	
30-025-24376	MCA UNIT BATTERY 2	338 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0 Pumping	
30-025-24376	MCA UNIT BATTERY 2	338 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Pumping	
30-025-12796	MCA UNIT BATTERY 2	089 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0 Shut-in	

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

30-025-00629	OIL COMPANY	BATTERY 3	036 LEA	T:17S, R:32E	MALJAMAR REPRESS		Temporarily Abandoned
30-025-00633	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	037 LEA	S:22, T:17S, R:32E	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	MALJAMAR REPRESS		Active
30-025-00630	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	072 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Injection Well
30-025-00631	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	073 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Pumping
30-025-00627	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	074 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Injection Well
30-025-12711	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	075 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Pumping
30-025-00639	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	084 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Injection Well
30-025-00626	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	087 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Pumping
30-025-00628	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 3	088 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESS	0	Pumping
30-025-00637	CONTINENTAL OIL COMPANY	BAISH B	001 LEA	S:22, T:17S, R:32E	MAGRUDER YATES		Active
30-025-00000	BUFFALO	BAISH B	012 LEA	S:22, T:17S, R:32E	MALJAMAR		Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	011 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL		Active

30-025-00000	BUFFALO OIL COMPANY	BAISH B	002	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	003	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	004	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	007	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BUISH B	008	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	009	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	010	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	011	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	001	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	004	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	FAIR, N. N. & F. BAISH	BAISH	005	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	010	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y	LEA	S:22, T:17S, R:32E	BAISH POOL	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	024	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	004	LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL	Active

30-025-00637	BUFFALO OIL COMPANY	BAISH B	001 LEA	S:22, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	Active
30-025-00000	BUFFALO OIL CO.	BAISH	012 LEA	S:22, T:17S, R:32E	MALJAMAR AREA		Active
30-025-00000	BUFFALO OIL CO.	BAISH B	004 LEA	S:22, T:17S, R:32E	MALJAMAR REPRESSURING POOL		Active
30-025-12780	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	038 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES		Active
30-025-12795	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	086 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES		Pumping
30-025-12796	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	089 LEA	S:22, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES		0 Shut-in
30-025-00000	CONTINENTAL OIL CO	BAISH B FED	013 LEA	S:22, T:17S, R:32E	MALJ REPRESS GRAYBURG SAN ANDRES		Active
30-025-00000	CONTINENTAL OIL CO	BAISH B FED	015 LEA	S:22, T:17S, R:32E	MALJ REPRESS GRAYBURG SAN ANDRES		Active
30-025-00000	CITIES SERVICE PETROLEUM CO.	BAISH B FED.	014 LEA	S:22, T:17S, R:32E	LEA UNDESIGNATED	GROUP 2	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH B FEDERAL	014 LEA	S:22, T:17S, R:32E	BAISH WOLFCAMP		Active
30-025-20647	CONTINENTAL OIL CO	BAISH A	013 LEA	S:22, T:17S, R:32E	BAISH WOLFCAMP		9,958 Temporarily Abandoned
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	10,200 Active Permit
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	CHEVRON USA, INC.	J C FEDERAL	5 LEA	S:22, T:17S, R:32E	BAISH	WOLFCAMP	7,100 Active Permit

30-025-38262	CHEVRON USA, INC.	MC FEDERAL	10 LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	7,000	Active
30-025-38261	COG OPERATING LLC	J C FEDERAL	9 LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	7,000	Active
30-025-37656	CHEVRON USA, INC.	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	BAISH-WLFCEP & MALJAMAR ABO		10,200	Active Permit
30-025-37656	CHEVRON USA, INC.	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	MALJAMAR; PADDOCK		10,200	Active Permit
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	MALJAMAR	ABO	10,200	Active Permit
30-025-37656	COG OPERATING LLC	J C FEDERAL	4 LEA	S:22, T:17S, R:32E	MALJAMAR	PADDOCK	10,200	Active Permit
30-025-37964	CHEVRON USA, INC.	J C FEDERAL	5 LEA	S:22, T:17S, R:32E	MALJAMAR; PADDOCK 44500		7,100	Active Permit
30-025-38262	CHEVRON USA, INC.	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	MALJAMAR	PADDOCK	7,100	Active Permit
30-025-38262	COG OPERATING LLC	MC FEDERAL	10 LEA	S:22, T:17S, R:32E	WILDCAT G-02 S173222E	YESO	7,000	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	WILDCAT G-02 S173222E	YESO	7,000	Active

Date: January 16, 2008

To: Phyllis Edwards

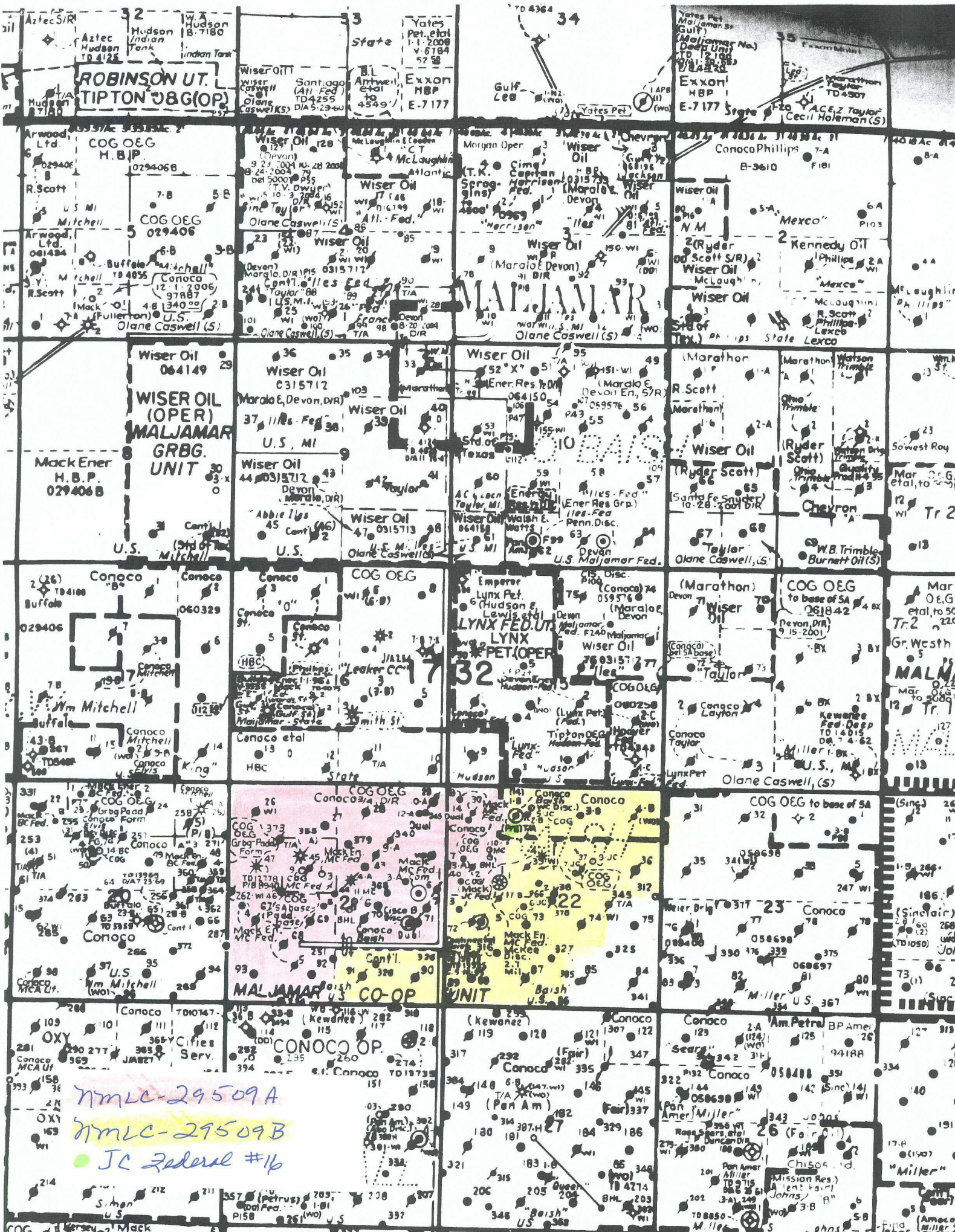
From: Thena Anderson

RE: Non-Standard Location – JC Federal #16
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 #16 - Unit C) and the adjoining spacing units (Units D, E and F) although the units are covered by separate Federal leases. COG and ConocoPhillips own and COG operates these depths/formations under a Farmout Agreement from ConocoPhillips.

Unit C (JC Federal #16) and the adjoining Unit F are included in BLM lease NMLC-29509-B which covers E/2 NW/4 Section 22 as well as additional lands. The adjoining Units D and E are included in BLM lease NMLC-29509-A which covers W/2 NW/4 Section 22 as well as additional lands.

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



ROBINSON UT.
TIPTON J8G(OP)

WISER OIL
(OPER)
MALJAMAR
GRBG.
UNIT

MALJAMAR

LYNX FED. UT.
LYNX
PET. (OPER)

MALJAMAR CO-OP
UNIT

NMLC-29509A
NMLC-29509B
JC Federal #16