

DATE IN 9/9/09	SUSPENSE 9/30/09	ENGINEER DB	LOGGED IN 9/10/09	TYPE NSL	APP NO. PWTJ0925335953
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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
MCFed # 45

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 INTEREST ARE THE SAME

RECEIVED OGD
2009 SEP 11

[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

Title

REGULATORY ANALYST

Date

(432) 685-4385
Phone number

rododm@conchoresources.com
e-mail Address

9/8/09



**M C Federal #45
Lea County, NM**

COG proposes to drill a **VERTICAL** NE/4, 40 acre spacing
Maljamar; Yeso oil well
TD of approximately 7000'

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

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

The plan for this well is to complete it in the Yeso formation.
We won't know the exact perms until we drill & log it, but it will be very similar to
the M C Federal #11 (2460' FSL & 2210' FEL, Section 21, UL J) which was
completed in August 2007.

The M C Federal #11 completion broke the Yeso up into 3 perf/stimulation
intervals. M C Federal #11 has perms from: 5981' – 6854' overall, but broken up
into 3 separate intervals, with 3 separate fracs

1st interval: 5981' – 6104',
acidized w/ 2000 gals,
frac'd w/ 98,658 gals gel, 8,000 # LiteProp, 96,680# 16/30 sand.

2nd interval: 6206' – 6527',
acidized w/ 2500 gals,
frac'd w/ 91,018# gal gel, 8000# LiteProp, & 88,500 gals 16/30 sand.

3rd interval: 6627' – 6854',
acidized w/ 1750 gals,
frac'd w/ 103,543# gal gel, 8000# LiteProp, & 89,800 gals 16/30 sand.

At this time, we assume the M C Federal #45 should be very similar.

Attachment 1

Plat & map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing COG Operating LLC acreage.

The acreage we are encroaching is the SE/4 SE/4 of Section 16 and the SW/4
SW/4 of Section 15.

Proof of notification to the offset operator attached.

Interests are the same.

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

DISTRICT I

1625 N. FRENCH DR., BOBBE, NM 86240

DISTRICT II

1301 V. GRAND AVENUE, ARTESIA, NM 86210

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 302519	Property Name MC FEDERAL	Well Number 45
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4012'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	21	17-S	32-E		135	NORTH	330	EAST	LEA

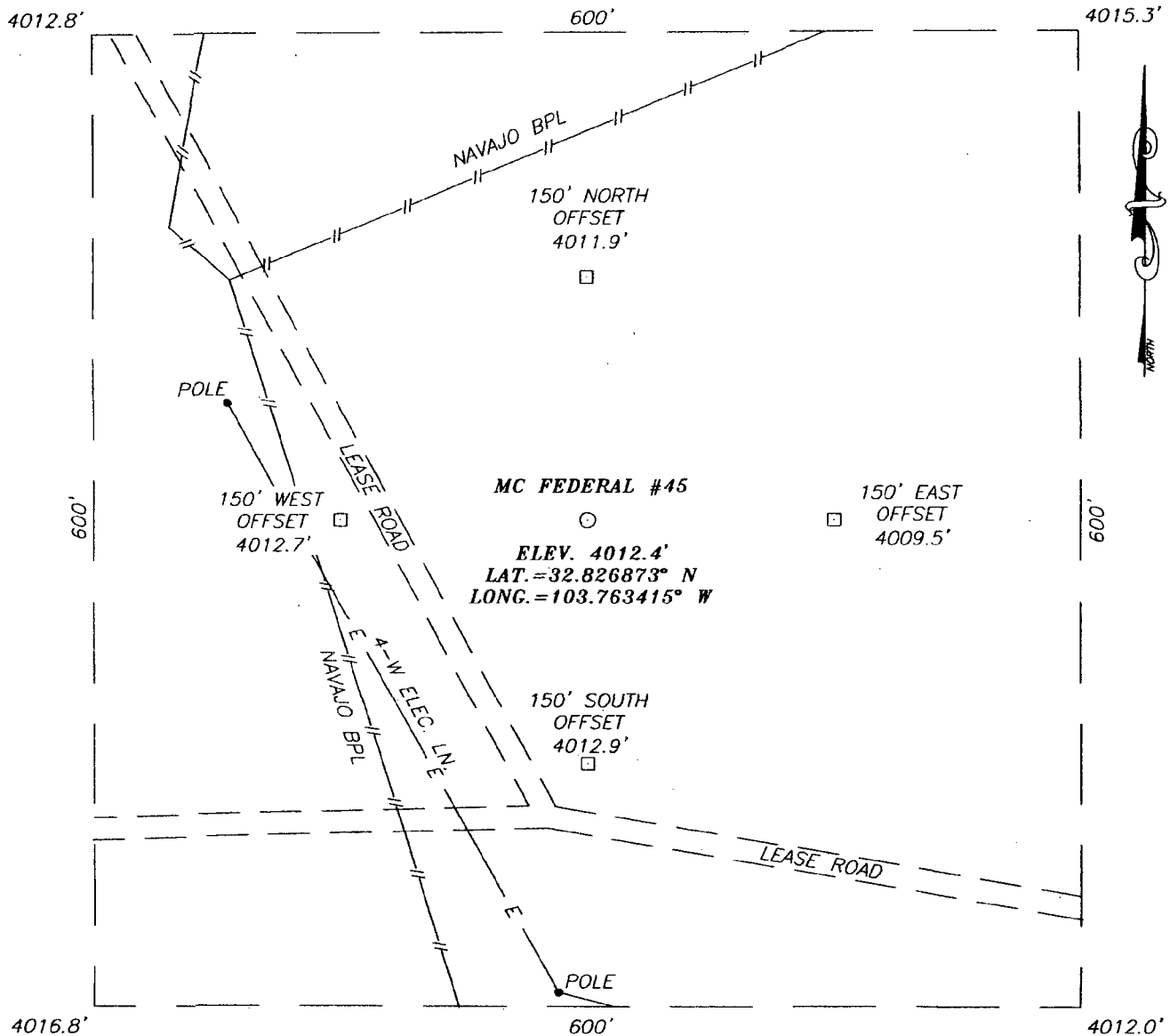
Bottom Hole Location If Different From Surface

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.						

NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

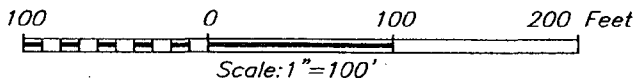
DETAIL 4012.8' 4015.3' 600' 600' 4016.8' 4012.0' SEE DETAIL 135' 330' GEODETIC COORDINATES NAD 27 NME Y=664999.5 N X=675069.2 E LAT.=32.826873° N LONG.=103.763415° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that 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>[Signature]</i> 8/24/2009 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. <i>[Signature]</i> 8-19-09 Date Surveyed Signature & Seal of Professional Surveyor RONALD J. EIDSON Certificate No. 12641 RONALD J. EIDSON 3239

SECTION 21, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF CO. RD. L-126 (MALJAMAR RD) & CONOCO ROAD, GO NORTH ON MALJAMAR ROAD APPROX. 0.7 MILES. TURN LEFT AND GO WEST APPROX. 300 FEET. THIS LOCATION IS APPROX. 175 FEET NORTH OF ROAD.



PROVIDING SURVEYING SERVICES
SINCE 1946
JOHN WEST SURVEYING COMPANY
412 N. DAL PASO
HOBBS, N.M. 88240
(575) 393-3117

COG OPERATING, LLC

MC FEDERAL #45 WELL
LOCATED 135 FEET FROM THE NORTH LINE
AND 330 FEET FROM THE EAST LINE OF SECTION 21,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 8/17/09	Sheet 1 of 1 Sheets
W.O. Number: 09.11.0704	Dr By: LA
Date: 8/18/09	09110704
	Scale: 1"=100'

Offset Wells to M C Federal #45

API#	Operator	Lease	Well#	County	Legal	First Prod.	Last Prod.	Field Name	Reservoir Name	Total Depth	Well Type	Well Status
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S:21, T:17S, R:32E			Unknown (QUEEN)	QUEEN	6,908	O	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S:21, T:17S, R:32E			Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES	6,908	O	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S:21, T:17S, R:32E			Unknown (ABO)	ABO	6,908	O	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S:21, T:17S, R:32E			Unknown (YATES)	YATES	6,908	O	Pumping
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	Jan 1977	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	4,167	O	Pumping
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,167	O	Pumping
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	Nov 1987	Dec 1990	MALJAMAR	GRAYBURG-SAN ANDRES		I	Temporarily Abandoned
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1973	MALJAMAR GRAYBURG SA REP(ABOLISHED)			I	Temporarily Abandoned
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	Jan 1977	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)			O	Pumping
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E	Jan 1963	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	I	Injection Well
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S:21, T:17S, R:32E	Jan 1977	Dec 1992	MALJAMAR	GRAYBURG-SAN ANDRES	4,106	PI	Injection Well
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,106	PI	Injection Well
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	O	Pumping
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047	LEA	S:21, T:17S, R:32E	May 1973	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026	LEA	S:21, T:17S, R:32E	Jan 1963	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES		PI	Injection Well
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)			PI	Injection Well
30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	O	Pumping

30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093	LEA	S:21, T:17S, R:32E	Jan 1977	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092	LEA	S:21, T:17S, R:32E	Jan 1964	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,082	O	Pumping
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,082	O	Pumping
30-025-00610	CONOCOPHILLIPS COMPANY	MCA UNIT	067	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,125	I	Injection Well
30-025-00610	CONOCOPHILLIPS COMPANY	MCA UNIT	067	LEA	S:21, T:17S, R:32E	Jan 1964	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,125	I	Injection Well
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069	LEA	S:21, T:17S, R:32E	Jan 1964	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		0	O	Pumping
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071	LEA	S:21, T:17S, R:32E	Jan 1963	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,131	O	Pumping
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071	LEA	S:21, T:17S, R:32E	Jan 1969	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,131	O	Pumping
30-025-00615	CONOCO, INC.	MCA UNIT	068	LEA	S:21, T:17S, R:32E	Jan 1963	Nov 1963	MALJAMAR	GRAYBURG-SAN ANDRES		I	Temporarily Abandoned
30-025-00616	CONOCO, INC.	MCA UNIT	090	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,133	I	Pumping
30-025-00616	CONOCO, INC.	MCA UNIT	090	LEA	S:21, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	4,133	I	Pumping
30-025-00618	CONOCOPHILLIPS COMPANY	BAISH A	003	LEA	S:21, T:17S, R:32E	Jan 1963	May 2009	BAISH	YATES		O	Pumping
30-025-00619	CONOCOPHILLIPS COMPANY	BAISH A	005	LEA	S:21, T:17S, R:32E	Jan 1963	May 2009	BAISH	YATES		O	Pumping
30-025-08031	CONOCOPHILLIPS COMPANY	MCA UNIT	046	LEA	S:21, T:17S, R:32E	Jan 1993	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E	Jan 1963	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	4,117	PI	Temporarily Abandoned
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,117	PI	Temporarily Abandoned
30-025-12763	CONOCOPHILLIPS COMPANY	MCA UNIT	044	LEA	S:21, T:17S, R:32E	Jan 1970	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,066	O	Active
30-025-12797	CONOCO, INC.	MCA UNIT	041	LEA	S:21, T:17S, R:32E	Apr 1969	Dec 1990	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping
30-025-20522	CONOCOPHILLIPS COMPANY	MCA UNIT	234	LEA	S:21, T:17S, R:32E	Jan 1993	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,100	O	Pumping
	CONOCOPHILLIPS				S:21, T:17S,							

30-025-20568	COMPANY	BAISH A	012	LEA	R-32E S-21, T-17S, R-32E	Feb 1964	May 2009	BAISH	WOLFCAMP		O	Pumping
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA		Apr 1964	May 2009	MALJAMAR	ABO		O	Pumping
30-025-22661	CONOCOPHILLIPS COMPANY	MCA UNIT	245	LEA	S-21, T-17S, R-32E	Jan 1993	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,130	O	Pumping
30-025-23433	CONOCOPHILLIPS COMPANY	MCA UNIT	251	LEA	S-21, T-17S, R-32E	Jan 1993	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping
30-025-23660	CONOCO, INC.	MCA UNIT	262	LEA	S-21, T-17S, R-32E			MALJAMAR	GRAYBURG-SAN ANDRES	4,130	I	Pumping
30-025-24258	CONOCOPHILLIPS COMPANY	MCA UNIT	326	LEA	S-21, T-17S, R-32E	Jan 1993	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,250	O	Pumping
30-025-24267	CONOCOPHILLIPS COMPANY	MCA UNIT	328	LEA	S-21, T-17S, R-32E	Jan 1993	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	O	Pumping
30-025-24461	CONOCO, INC.	MCA UNIT	340	LEA	S-21, T-17S, R-32E			MALJAMAR	GRAYBURG-SAN ANDRES	4,175	O	Temporarily Abandoned
30-025-29854	CONOCOPHILLIPS COMPANY	MCA UNIT	368	LEA	S-21, T-17S, R-32E	May 1987	May 2009	MALJAMAR	GRAYBURG-SAN ANDRES	4,229	O	Active
30-025-29959	CONOCOPHILLIPS COMPANY	MCA UNIT	373	LEA	S-21, T-17S, R-32E	Oct 1987	Aug 2002	MALJAMAR	GRAYBURG-SAN ANDRES	4,350	PO	Pumping
30-025-30347	CONOCOPHILLIPS COMPANY	MCA UNIT	379	LEA	S-21, T-17S, R-32E	Sep 1988	Feb 2007	MALJAMAR	GRAYBURG-SAN ANDRES	4,220	PO	Pumping
30-025-34773	COG OPERATING LLC	MC FEDERAL	003	LEA	S-21, T-17S, R-32E	Apr 2000	May 2009	MALJAMAR	PADDOCK	5,952	O	Pumping
30-025-34933	COG OPERATING LLC	MC FEDERAL	004	LEA	S-21, T-17S, R-32E	Jun 2000	May 2009	MALJAMAR	PADDOCK	5,982	O	Pumping
30-025-34973	COG OPERATING LLC	MC FEDERAL	5	LEA	S-21, T-17S, R-32E	Apr 2001	May 2009	MALJAMAR	PADDOCK	6,908	O	Pumping
30-025-35252	COG OPERATING LLC	MC FEDERAL	006	LEA	S-21, T-17S, R-32E	Apr 2001	May 2009	MALJAMAR	DEVONIAN	15,026	G	Pumping
30-025-00622	CONOCO, INC.	BAISH A	008	LEA	S-21, T-17S, R-32E	Jan 1963	Dec 1969	MALJAMAR	ABO	13,670	O	Active
30-025-00613	CONOCO, INC.	BAISH A	004	LEA	S-21, T-17S, R-32E	Dec 1966	Apr 1970	BAISH	YATES		O	Active
30-025-00620	CONOCO, INC.	BAISH A	006	LEA	S-21, T-17S, R-32E	Jan 1959	Nov 1969	BAISH	YATES		O	Active
30-025-12748	CONOCO, INC.	MCA UNIT	029	LEA	S-21, T-17S, R-32E			MALJAMAR	GRAYBURG-SAN ANDRES		O	Active
30-025-00614	CONOCO, INC.	MCA UNIT	355	LEA	S-21, T-17S, R-32E			MALJAMAR	GRAYBURG-SAN ANDRES		I	Unknown
30-025-22661		MCA UNIT BATTERY 2	245	LEA	S-21, T-17S, R-32E	Jan 1969	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4,130	O	Pumping

30-025-22661	MCA UNIT BATTERY 2	245	LEA	S:21, T:17S, R:32E	Sep 1968	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,130	O	Pumping
30-025-20304	BAISH A	010	LEA	S:21, T:17S, R:32E			BAISH	YATES		I	Unknown
30-025-12748	MCA UNIT BATTERY 2	029	LEA	S:21, T:17S, R:32E	Jan 1963	Jan 1974	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active
30-025-20149	BAISH A	011	LEA	S:21, T:17S, R:32E			BAISH	YATES	2,436	I	Unknown
30-025-00606	MCA UNIT BATTERY 2	047	LEA	S:21, T:17S, R:32E	Feb 1967	Dec 1974	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	0	O	Pumping
30-025-23660	MCA UNIT BATTERY 1	262	LEA	S:21, T:17S, R:32E	Jan 1971	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,130	I	Pumping
30-025-23660	MCA UNIT BATTERY 1	262	LEA	S:21, T:17S, R:32E	Jan 1977	Oct 1990	MALJAMAR	GRAYBURG-SAN ANDRES	4,130	I	Pumping
30-025-00606	MCA UNIT BATTERY 21	047	LEA	S:21, T:17S, R:32E			BAISH	YATES	0	O	Pumping
30-025-00605	MCA UNIT BATTERY 2	045	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,106	PI	Injection Well
30-025-00605	MCA UNIT BATTERY 2	045	LEA	S:21, T:17S, R:32E	Jan 1963	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES	4,106	PI	Injection Well
30-025-12763	MCA UNIT BATTERY 19	044	LEA	S:21, T:17S, R:32E			BAISH	YATES	4,066	O	Active
30-025-00000	BAISH A	001	LEA	S:21, T:17S, R:32E	Oct 1963	Dec 1969	MALJAMAR	ABO		G	Active
30-025-00000	BAISH A	001	LEA	S:21, T:17S, R:32E			MALJAMAR	QUEEN (GAS)		G	Active
30-025-00614	MCA UNIT BATTERY 2	355	LEA	S:21, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES		I	Unknown
30-025-24461	MCA UNIT BATTERY 2	340	LEA	S:21, T:17S, R:32E	Jan 1977	May 1991	MALJAMAR	GRAYBURG-SAN ANDRES	4,175	O	Temporarily Abandoned
30-025-24461	MCA UNIT BATTERY 2	340	LEA	S:21, T:17S, R:32E	Aug 1973	Dec 1976	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,175	O	Temporarily Abandoned
	MCA UNIT BATTERY			S:21, T:17S,							

30-025-00603	20	043	LEA	R-32E		BAISH	YATES		O	Pumping
30-025-20216	BAISH A	009	LEA	S:21, T:17S, R:32E	Oct 1963	Dec 1967	BAISH		9,822	O Active
30-025-00602	MCA UNIT BATTERY 2	042	LEA	S:21, T:17S, R:32E			MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES		I Temporarily Abandoned
30-025-00602	MCA UNIT BATTERY 2	042	LEA	S:21, T:17S, R:32E	Jan 1963	Jul 1965	MALJAMAR	GRAYBURG-SAN ANDRES		I Temporarily Abandoned
30-025-00000	BAISH A	027	LEA	S:21, T:17S, R:32E	Sep 1959	Dec 1962	UND LEA	BOUGH, SOUTH		G Active
30-025-00621	BAISH A	007	LEA	S:21, T:17S, R:32E	Jan 1963	Dec 1971	BAISH	YATES		O Active
30-025-00611	MCA UNIT BATTERY 2	069	LEA	S:21, T:17S, R:32E	Jan 1967	Dec 1974	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	0	O Pumping
30-025-20522	MCA UNIT BATTERY 2	234	LEA	S:21, T:17S, R:32E	Aug 1963	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,100	O Pumping
30-025-20522	MCA UNIT BATTERY 2	234	LEA	S:21, T:17S, R:32E	Jan 1969	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4,100	O Pumping
30-025-23433	MCA UNIT BATTERY 2	251	LEA	S:21, T:17S, R:32E	Apr 1970	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES		O Pumping
30-025-23433	MCA UNIT BATTERY 2	251	LEA	S:21, T:17S, R:32E	Apr 1970	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES		O Pumping
30-025-24267	MCA UNIT BATTERY 2	328	LEA	S:21, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	O Pumping
30-025-24267	MCA UNIT BATTERY 2	328	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4,200	O Pumping
30-025-00617	MCA UNIT BATTERY 2	091	LEA	S:21, T:17S, R:32E	Jan 1963	Dec 1975	MALJAMAR	GRAYBURG-SAN ANDRES		O Active
30-025-24258	MCA UNIT BATTERY 2	326	LEA	S:21, T:17S, R:32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4,250	O Pumping
30-025-24258	MCA UNIT BATTERY 2	326	LEA	S:21, T:17S, R:32E	Jan 1977	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,250	O Pumping
30-025-00601	CONTINENTAL OIL COMPANY	027	LEA	S:21, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS		4,167	O Pumping

30-025-00000	COMPANY	BAISH A	004	LEA	R:32E S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSUR POOL			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	012	LEA		Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH A	013	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH A	014	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	015	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	016	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING			G	Active
30-025-00000	BUFFALO IOL COMPANY	BAISH A	020	LEA	S:21, T:17S, R:32E	Jan 1949	Dec 1962	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	005	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	006	LEA	S:21, T:17S, R:32E	Mar 1947	Dec 1962	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	17Y	LEA	S:21, T:17S, R:32E	Apr 1948	Oct 1953	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y	LEA	S:21, T:17S, R:32E	Jul 1948	Dec 1954	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y	LEA	S:21, T:17S, R:32E	Jan 1951	Dec 1955	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	19Y	LEA	S:21, T:17S, R:32E	Aug 1948	Dec 1955	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	22Y	LEA	S:21, T:17S, R:32E	Jan 1953	Dec 1955	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	23Y	LEA	S:21, T:17S, R:32E	Jan 1953	Dec 1955	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	017	LEA	S:21, T:17S, R:32E	Apr 1948	Dec 1950	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL CO	BAISH A	018	LEA	S:21, T:17S, R:32E	Jul 1948	Dec 1962	BAISH	WOLFCAMP, NORTH		O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	019	LEA	S:21, T:17S, R:32E	Aug 1948	Dec 1962	BAISH POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	005	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active
30-025-00620	BUFFALO OIL COMPANY	BAISH A	006	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	007	LEA	S:21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active

DI Search Results (Printable Table)

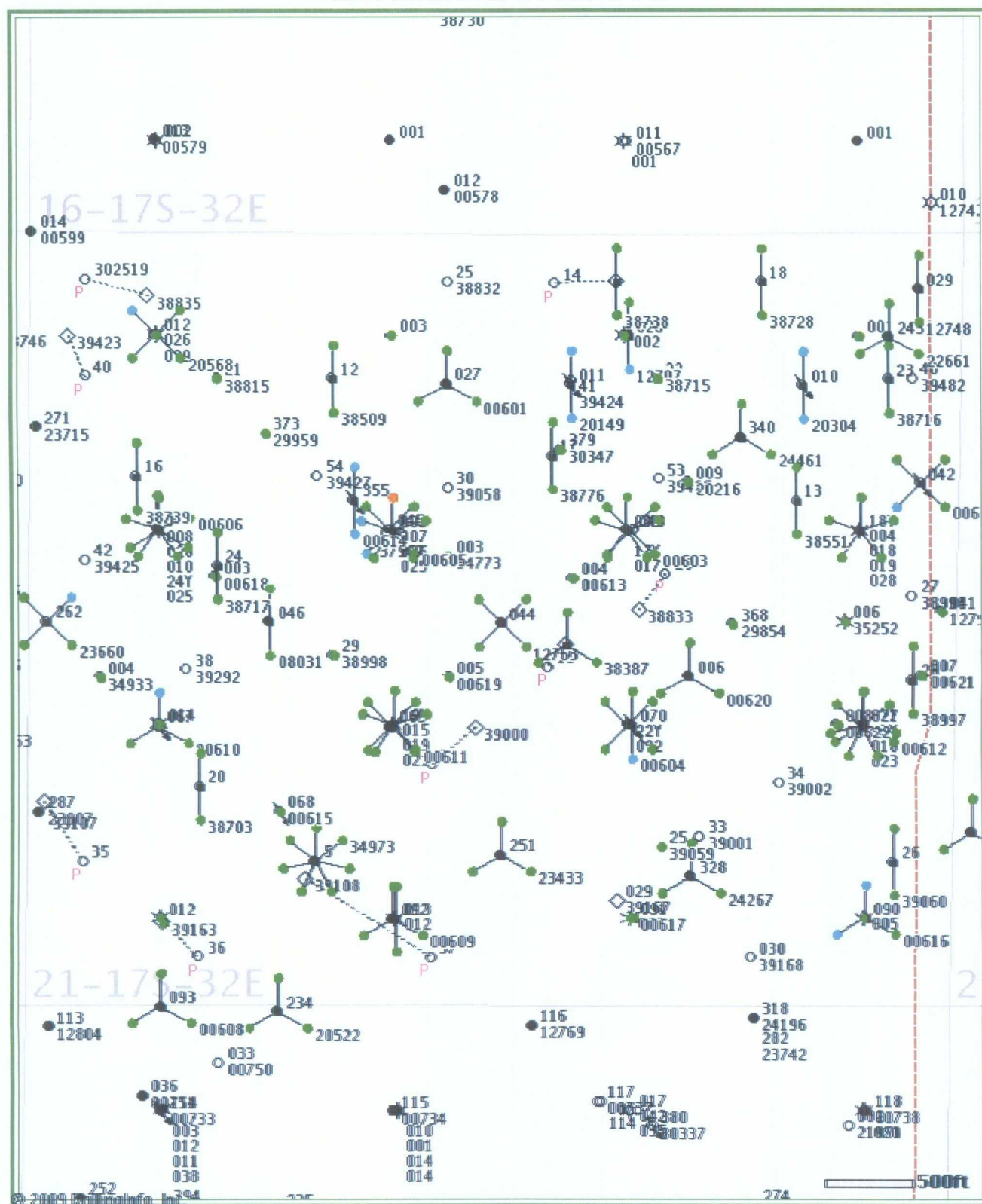
30-025-00000	BUFFALO OIL COMPANY	BAISH A	009	LEA	T:17S, R:32E S:21, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING			G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	021	LEA	T:17S, R:32E S:21, R:32E	Jan 1953	Dec 1962	MALJAMAR REPRESSURING			G	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	010	LEA	T:17S, R:32E S:21, R:32E	Jan 1949	Dec 1949	MALJAMAR REPRESSURING			O	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	012	LEA	T:17S, R:32E S:21, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL			O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y	LEA	T:17S, R:32E S:21, R:32E	Jul 1952	Dec 1952	BAISH POOL			O	Active
30-025-23660	CONTINENTAL OIL CO	MCA UNIT BATTERY 2	262	LEA	T:17S, R:32E S:21, R:32E	Jan 1971	Dec 1971	MALJAMAR GRAYBURG SA REPRES		4,130	I	Pumping
30-025-00612	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	071	LEA	T:17S, R:32E S:21, R:32E	Jan 1965	Dec 1971	MALJAMAR GRAYBURG SA REPRES		4,131	O	Pumping
30-025-00000	BUFFALO OIL COMPANY	BAISH A	025	LEA	T:17S, R:32E S:21, R:32E	Jan 1954	May 1954	PLUGGED & ABANDONED			O	Active
30-025-00000	CONTINENTAL OIL CO	BAISH A FED	027	LEA	T:17S, R:32E S:21, R:32E	Jan 1960	Dec 1961	MALJAMAR ABO DEPTH RANGE			G	Active
30-025-00000	CONTINENTAL OIL	BAISH A Y FED	022	LEA	T:17S, R:32E S:21, R:32E	Jan 1958	Dec 1961	BAISH BLINBRY			O	Active
30-025-00000	CONTINENTAL OIL CO	BAISH A Y FED	023	LEA	T:17S, R:32E S:21, R:32E	Jan 1958	Dec 1961	BAISH BLINBRY			O	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	005	LEA	T:17S, R:32E S:21, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL			O	Active
30-025-00620	BUFFALO OIL CO.	BAISH A	006	LEA	T:17S, R:32E S:21, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL			O	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	007	LEA	T:17S, R:32E S:21, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL			G	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	022	LEA	T:17S, R:32E S:21, R:32E	Jan 1959	Dec 1962	BAISH YATES			O	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	023	LEA	T:17S, R:32E S:21, R:32E	Jan 1959	Dec 1962	BAISH YATES			O	Active
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	T:17S, R:32E S:21, R:32E	Sep 2007	May 2009	MALJAMAR	PADDOCK	7,015	O	Active Permit
30-025-38509	COG OPERATING LLC	MC FEDERAL	12	LEA	T:17S, R:32E S:21, R:32E	Nov 2007	May 2009	MALJAMAR	PADDOCK	7,012	O	Active Permit
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	T:17S, R:32E S:21, R:32E	Aug 2007	Jan 2008	WILCOAT G-02 S173222E	YESO	7,015	O	Active Permit
30-025-20149	HANAGAN PETROLEUM CORP	PRE-ONGARD WELL	011	LEA	T:17S, R:32E S:21, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES	2,436	I	Unknown
	HANAGAN	PRE-			S:21, R:32E							

DI Search Results (Printable Table)

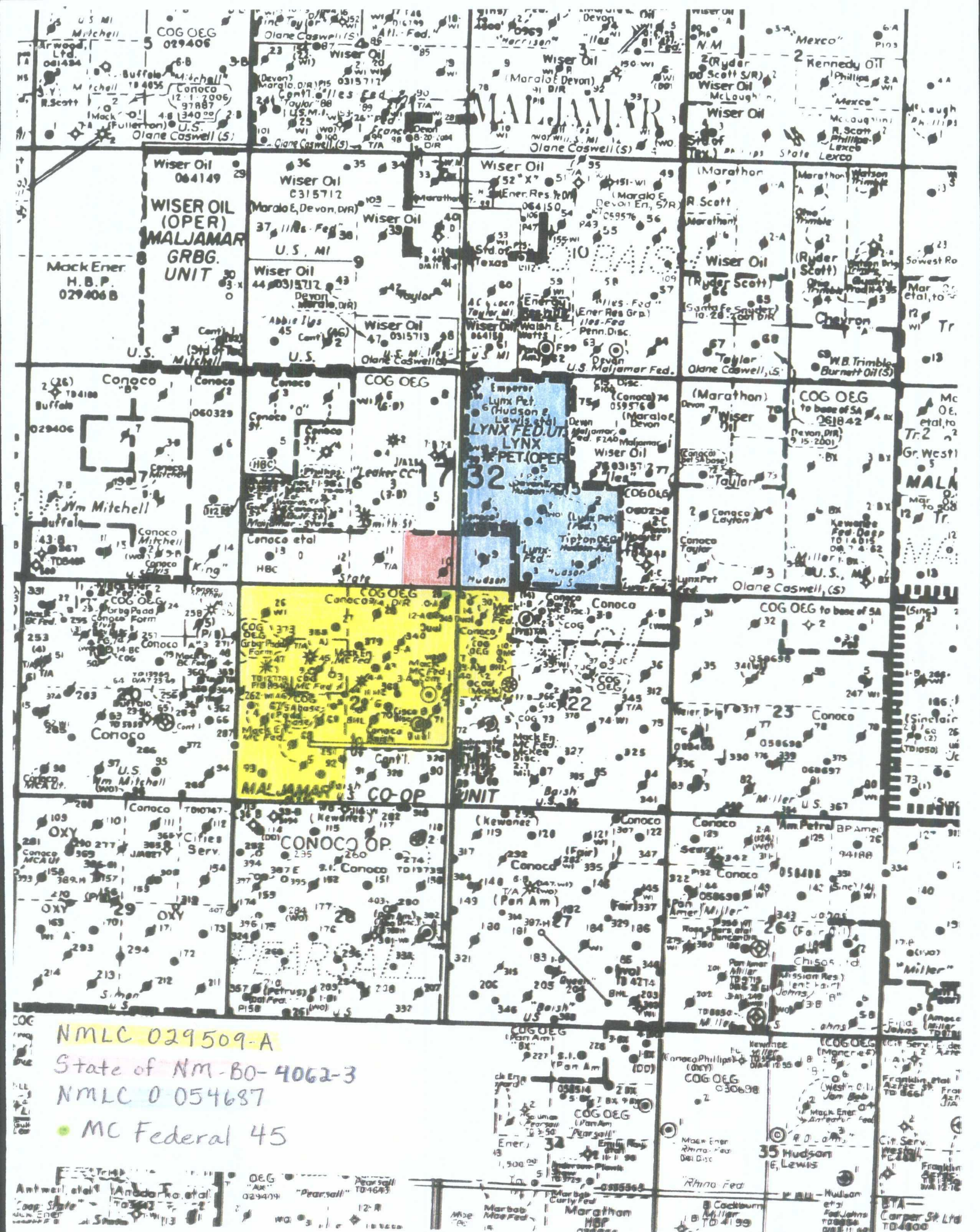
30-025-20304	PETROLEUM CORP	ONGARD WELL	010	LEA	T-17S, R-32E			MALJAMAR	GRAYBURG-SAN ANDRES		I	Unknown
30-025-38551	COG OPERATING LLC	MC FEDERAL	13	LEA	S-21, T-17S, R-32E	Dec 2007	May 2009	MALJAMAR	PADDOCK	7,125	O	Active Permit
30-025-38509	COG OPERATING LLC	MC FEDERAL	12	LEA	S-21, T-17S, R-32E			MALJAMAR;PADDOCK		7,012	O	Active Permit
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	S-21, T-17S, R-32E			MALJAMAR;PADDOCK		7,015	O	Active Permit
30-025-38703	COG OPERATING LLC	MC FEDERAL	20	LEA	S-21, T-17S, R-32E			MALJAMAR;YESO, WEST		7,400	PO	Active Permit
30-025-38551	COG OPERATING LLC	MC FEDERAL	13	LEA	S-21, T-17S, R-32E			MALJAMAR;YESO, WEST		7,125	O	Active Permit
30-025-34973	COG OPERATING LLC	MC FEDERAL	5	LEA	S-21, T-17S, R-32E			MALJAMAR;YESO, WEST		6,908	O	Pumping
30-025-38703	COG OPERATING LLC	MC FEDERAL	20	LEA	S-21, T-17S, R-32E	Apr 2008	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,400	PO	Active Permit
30-025-38728	COG OPERATING LLC	MC FEDERAL	18	LEA	S-21, T-17S, R-32E			MALJAMAR	DEVONIAN, WEST	7,350	PO	Active Permit
30-025-38728	COG OPERATING LLC	MC FEDERAL	18	LEA	S-21, T-17S, R-32E	Jun 2008	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,350	PO	Active Permit
30-025-38776	COG OPERATING LLC	MC FEDERAL	17	LEA	S-21, T-17S, R-32E			MALJAMAR;YESO, WEST		7,039	O	Active Permit
30-025-34973	MACK ENERGY CORP	MC FEDERAL	5	LEA	S-21, T-17S, R-32E			MALJAMAR;PADDOCK		6,908	O	Pumping
30-025-38776	COG OPERATING LLC	MC FEDERAL	17	LEA	S-21, T-17S, R-32E	Jun 2008	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,039	O	Active Permit
30-025-38717	COG OPERATING LLC	MC FEDERAL	24	LEA	S-21, T-17S, R-32E			MALJAMAR;YESO		7,042	O	Active Permit
30-025-38717	COG OPERATING LLC	MC FEDERAL	24	LEA	S-21, T-17S, R-32E	Sep 2008	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,042	O	Active Permit
30-025-38716	COG OPERATING LLC	MC FEDERAL	23	LEA	S-21, T-17S, R-32E			MALJAMAR	DEVONIAN, WEST	6,999	O	Active Permit
30-025-38738	COG OPERATING LLC	MC FEDERAL	14	LEA	S-21, T-17S, R-32E	Oct 2008	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,015	O	Active Permit
30-025-38716	COG OPERATING LLC	MC FEDERAL	23	LEA	S-21, T-17S, R-32E	Nov 2008	Apr 2009	MALJAMAR (PADDOCK)	PADDOCK	6,999	O	Active Permit
30-025-38998	COG OPERATING LLC	MC FEDERAL	29	LEA	S-21, T-17S, R-32E	Dec 2008	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit
30-025-38739	COG OPERATING LLC	MC FEDERAL	16	LEA	S-21, T-17S, R-32E			MALJAMAR;YESO, WEST		7,021	O	Active Permit
30-025-38739	COG OPERATING LLC	MC FEDERAL	16	LEA	S-21, T-17S, R-32E	Feb 2009	May 2009	MALJAMAR (PADDOCK)	PADDOCK	7,021	O	Active Permit

30-025-39060	COG OPERATING LLC	JC FEDERAL	26	LEA	S:21, T:17S, R:32E				MALJAMAR;YESO, WEST			7,010	O	Active Permit
30-025-39163	COG OPERATING LLC	MC FEDERAL	36	LEA	S:21, T:17S, R:32E	Mar 2009	May 2009		MALJAMAR (PADDOCK)	PADDOCK		7,012	PO	Active Permit
30-025-39060	COG OPERATING LLC	JC FEDERAL	26	LEA	S:21, T:17S, R:32E	Apr 2009	May 2009		MALJAMAR (PADDOCK)	PADDOCK		7,010	O	Active Permit
30-025-38738	COG OPERATING LLC	MC FEDERAL	14	LEA	S:21, T:17S, R:32E				MALJAMAR;YESO, WEST			7,015	O	Active Permit
30-025-38997	COG OPERATING LLC	MC FEDERAL	28	LEA	S:21, T:17S, R:32E				MALJAMAR	DEVONIAN, WEST		7,013	O	Active Permit
30-025-38715	COG OPERATING LLC	MC FEDERAL	22	LEA	S:21, T:17S, R:32E				MALJAMAR;YESO, WEST			6,920	O	Active Permit
30-025-39059	COG OPERATING LLC	JC FEDERAL	25	LEA	S:21, T:17S, R:32E				MALJAMAR;YESO, WEST			7,017	O	Active Permit
30-025-38997	COG OPERATING LLC	MC FEDERAL	28	LEA	S:21, T:17S, R:32E				MALJAMAR (PADDOCK)	PADDOCK		7,013	O	Active Permit
30-025-38815	COG OPERATING LLC	MC FEDERAL	21	LEA	S:21, T:17S, R:32E				MALJAMAR;YESO, WEST			7,020	O	Active Permit

Offset Wells to M C Federal #45



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**COG OPERATING LLC
550 W. TEXAS, SUITE 1300
MIDLAND, TX 79701**

September 3, 2009

Conoco – Phillips
Mid-Continent Business Unit
3300 North A Street, Bldg 6
Midland, TX 79705

Re: Request for Unorthodox Well Location

To Whom It May Concern:

This letter will serve as notice under Rule 104.F (3) that COG Operating LLC has requested administrative approval from the Oil Conservation Division in Santa Fe, NM for an unorthodox Maljamar: YESO oil well.

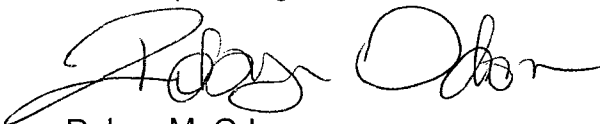
**M C Federal #45
Lea County, NM**

Location: **135' FNL & 330' FEL Sec 21, T17S, R32E, UL A**

Should your company have any objection, it must be filed in writing within twenty (20) days from the date of this notice. The Division Director may allow COG to produce from the unorthodox location after the well is drilled, if no objection has been made within the 20 days after the application has been received.

Sincerely,

COG Operating LLC

A handwritten signature in black ink, appearing to read "Robyn Odom", is written over the typed name.

Robyn M. Odom
Regulatory Analyst

432-685-4385
rodom@conchoresources.com

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Conoco-Phillips
Mid-Continent Business Unit
3300 North A Street, Bldg. 6
Midland, TX 79705

COMPLETE THIS SECTION ON DELIVERY

A. Signature [Signature] ☒ Agent ☐ Addressee

B. Received by (Printed Name) REAR C. Date of Delivery 9/4/09

D. Is delivery address different from item 1? ☐ Yes ☐ No
If YES, enter delivery address below:

3. Service Type
☒ Certified Mail ☐ Express Mail
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ C.O.D.

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7002 3150 0005 0459 5776

PS Form 3811, February 2004

Domestic Return Receipt

102595-02-M-1540

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Monday, October 05, 2009 9:52 AM
To: 'Robyn Odom'
Subject: NSL Applications for MC Federal #45, JC Federal #36 and Folk State #1

Dear Ms. Odom

Be advised that the referenced applications were granted on September 30, 2009, as follows:

MC Federal #45 – NSL-6091
JC Federal #36 – NSL-6089
Folk State #1 - NSL6094

Please note that NMOCD will no longer mail originals of administrative orders. Copies of the signed orders are available on our website.

Sincerely

David K. Brooks
Legal Examiner