

DATE IN 1/16/09	SUSPENSE	ENGINEER D. BROOKS	LOGGED IN 1/16/09	TYPE NSL	APPROVAL PKA0901650990
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ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

2009 JAN 16 PM 1:34 1220 South St. Francis Drive, Santa Fe, NM 87505



30-025
MC Federal 40
GOG Operating
229137

ADMINISTRATIVE APPLICATION CHECKLIST

5992

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 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

Robyn Odom
Signature

REGULATORY ANALYST
Title

1/15/09
Date

rododm@conchoresources.com
e-mail Address

**M C Federal #40
Lea County, NM**

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

Location: 715' FNL & 230' FWL
Sec 21, T17S, R32E, Unit D

This NSL request is due to due to sand dunes.

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 #40 should be very similar.

**Attachment 1
Plat & Map**

**Attachment 2
Map & legend of offset wells.**

**Attachment 3
Updated land plat showing offset acreage.
The acreage we are encroaching upon is the NE /4 of the NW / 4 of Section 20.
COG owns the entire North Half of Section 20.
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 MALAJAMAR; YESO, WEST
Property Code 302519	Property Name MC FEDERAL	Well Number 40
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4048'

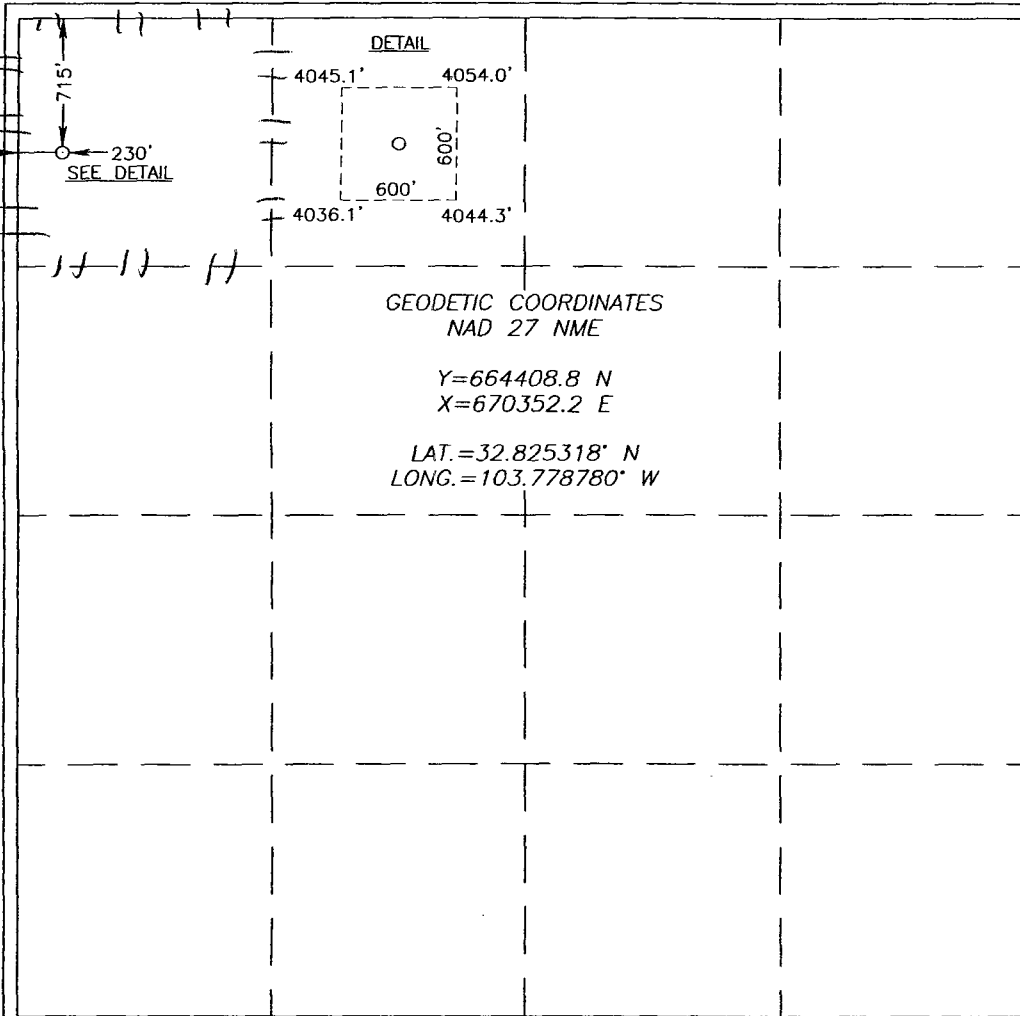
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	21	17-S	32-E		715	NORTH	230	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
									LEA
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.

Robyn Odom 1/13/2009
Signature Date
Robyn Odom
Printed Name

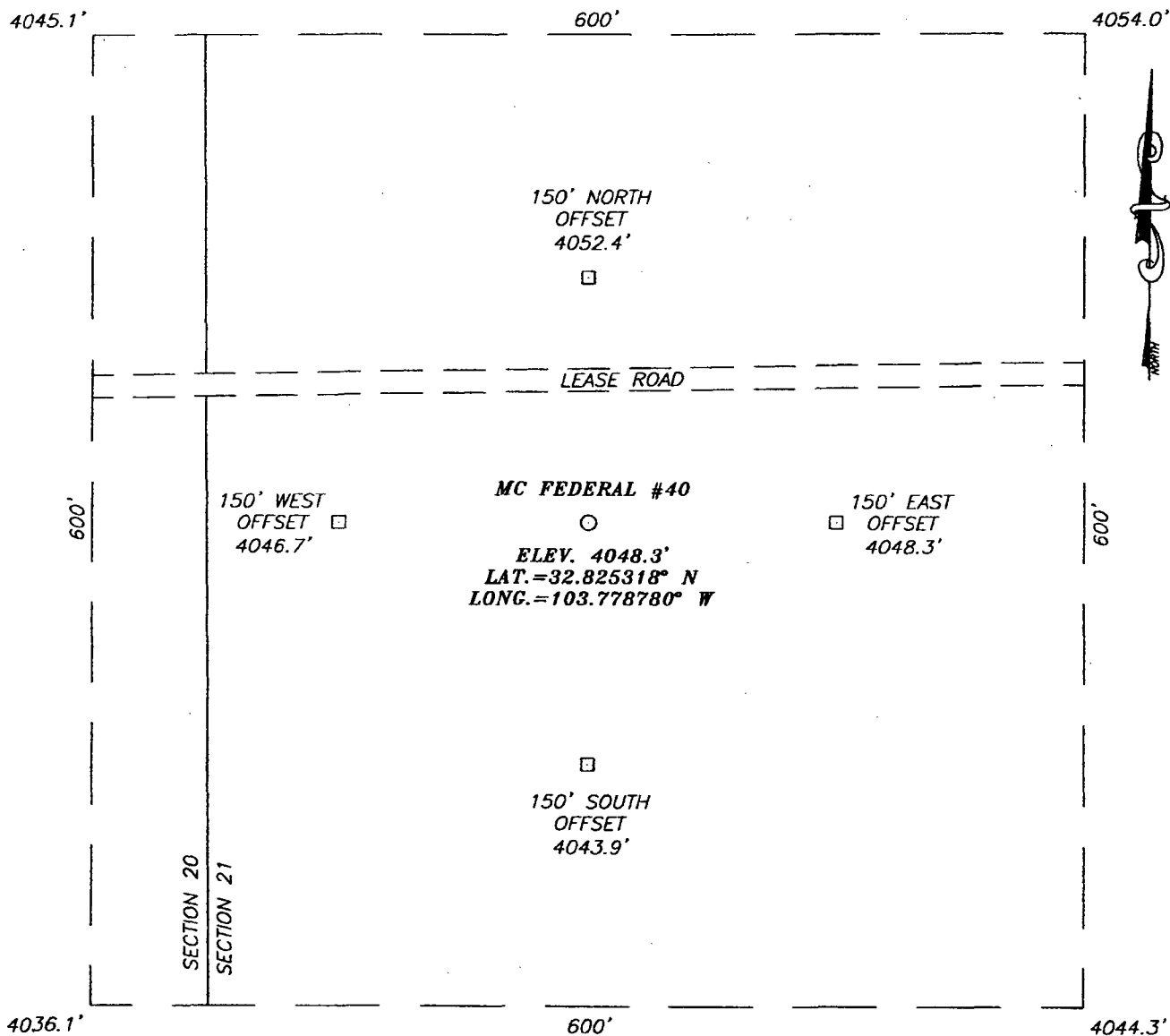
SURVEYOR CERTIFICATION

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.

Ronald J. Eidson 01/09/09
Date Surveyed Signature & Seal of Professional Surveyor
RONALD J. EIDSON
681192013

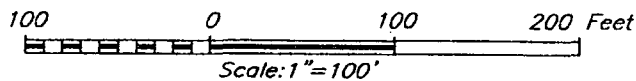
Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

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



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF MALJAMAR ROAD
 (CO. RD. #L126) AND CONOCO ROAD
 (CO. RD. #L126), GO NORTH ON MALJAMAR ROAD
 APPROX. 0.7 MILES TO A LEASE ROAD. TURN LEFT
 AND GO WEST APPROX. 0.6 MILES. TURN LEFT AND
 GO SOUTHWEST APPROX. 0.3 MILES. VEER RIGHT AND
 GO WEST APPROX. 0.3 MILES. THIS LOCATION IS
 APPROX. 85 FEET SOUTH OF LEASE ROAD.



COG OPERATING, LLC

MC FEDERAL #40 WELL
 LOCATED 715 FEET FROM THE NORTH LINE
 AND 230 FEET FROM THE WEST LINE OF SECTION 21,
 TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
 LEA COUNTY, NEW MEXICO.

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

Survey Date: 1/05/09	Sheet 1 of 1 Sheets
W.O. Number: 08.11.2013	Dr By: AR
Date: 1/08/09	Disk: 08112013
	Scale: 1"=100'

Offset Wells to M C Federal #40

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	S21, T-17S, R-32E			Unknown (QUEEN)	QUEEN	6,908	O	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S21, T-17S, R-32E			Unknown (GRAYBURG-SAN ANDRES)	GRAYBURG-SAN ANDRES	6,908	O	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S21, T-17S, R-32E			Unknown (ABO)	ABO	6,908	O	Pumping
30-025-34973	MACK ENERGY CORP	Unknown	5	LEA	S21, T-17S, R-32E			Unknown (YATES)	YATES	6,908	O	Pumping
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S21, 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	S21, T-17S, R-32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4,167	O	Pumping
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S21, T-17S, R-32E	Nov 1987	Dec 1990	MALJAMAR	GRAYBURG-SAN ANDRES		I	Temporarily Abandoned
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S21, 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	S21, T-17S, R-32E	Jan 1977	Oct 2008	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S21, T-17S, R-32E	Jan 1973	Dec 1976	MALJAMAR GRAYBURG SA REP (ABOLISHED)			O	Pumping
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S21, 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	S21, T-17S, R-32E			MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	I	Injection Well
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S21, 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	S21, 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	S21, 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	S21, T-17S, R-32E	May 1973	Oct 2008	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	Oct 2008	MALJAMAR	GRAYBURG-SAN ANDRES	0	O Pumping
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092	LEA	S:21, T:17S, R:32E	Jan 1964	Oct 2008	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	Oct 2008	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	Oct 2008	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	Jul 2008	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	Oct 2008	BAISH	YATES		O Pumping
30-025-00619	CONOCOPHILLIPS COMPANY	BAISH A	005	LEA	S:21, T:17S, R:32E	Jan 1963	Oct 2008	BAISH	YATES		O Pumping
30-025-08031	CONOCOPHILLIPS	MCA	046	LEA	S:21, T:17S,	Jan 1993	Oct 2008	MALJAMAR	GRAYBURG-SAN ANDRES	0	O Pumping

COMPANY	UNIT	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	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)						
30-025-12763	CONOCOPHILLIPS COMPANY	MCA UNIT	044	LEA	S:21, T:17S, R:32E	Jan 1970	Oct 2008	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	Oct 2008	MALJAMAR	GRAYBURG-SAN ANDRES	4,100	O	Pumping
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S:21, T:17S, R:32E	Feb 1964	Oct 2008	BAISH	WOLFCAMP		O	Pumping
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S:21, T:17S, R:32E	Apr 1964	Oct 2008	MALJAMAR	ABO		O	Pumping
30-025-22661	CONOCOPHILLIPS COMPANY	MCA UNIT	245	LEA	S:21, T:17S, R:32E	Jan 1993	Oct 2008	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	Oct 2008	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	Oct 2008	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	Oct 2008	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	Oct 2008	MALJAMAR	GRAYBURG-SAN ANDRES		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	Oct 2008	MALJAMAR	PADDOCK	5,952	O	Pumping

30-025-34933	COG OPERATING LLC	MC FEDERAL	004	LEA	S21, T:17S, R:32E	Jun 2000	Oct 2008	MALJAMAR	PADDOCK	5,982	O	Pumping
30-025-34973	COG OPERATING LLC	MC FEDERAL	5	LEA	S21, T:17S, R:32E	Apr 2001	Oct 2008	MALJAMAR	PADDOCK	6,908	O	Pumping
30-025-35252	COG OPERATING LLC	MC FEDERAL	006	LEA	S21, T:17S, R:32E	Apr 2001	Oct 2008	MALJAMAR	DEVONIAN	15,026	G	Pumping
30-025-00622	CONOCO, INC.	BAISH A	008	LEA	S21, T:17S, R:32E	Jan 1963	Dec 1969	MALJAMAR	ABO	13,670	O	Active
30-025-00613	CONOCO, INC.	BAISH A	004	LEA	S21, T:17S, R:32E	Dec 1966	Apr 1970	BAISH	YATES		O	Active
30-025-00620	CONOCO, INC.	BAISH A	006	LEA	S21, T:17S, R:32E	Jan 1959	Nov 1969	BAISH	YATES		O	Active
30-025-12748	CONOCO, INC.	MCA UNIT	029	LEA	S21, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES		O	Active
30-025-00614	CONOCO, INC.	MCA UNIT	355	LEA	S21, T:17S, R:32E			MALJAMAR	GRAYBURG-SAN ANDRES		I	Unknown
30-025-22661		MCA UNIT BATTERY 2	245	LEA	S21, 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	S21, T:17S, R:32E	Sep 1968	Dec 1993	MALJAMAR	GRAYBURG-SAN ANDRES	4,130	O	Pumping
30-025-20304		BAISH A	010	LEA	S21, T:17S, R:32E			BAISH	YATES		I	Unknown
30-025-12748		MCA UNIT BATTERY 2	029	LEA	S21, T:17S, R:32E	Jan 1963	Jan 1974	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active
30-025-20149		BAISH A	011	LEA	S21, T:17S, R:32E			BAISH	YATES	2,436	I	Unknown
30-025-00606		MCA UNIT BATTERY 2	047	LEA	S21, 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	S21, 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	S21, 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	S21, T:17S, R:32E	BAISH	YATES	0	O Pumping
30-025-00605	MCA UNIT BATTERY 2	045 LEA	S21, 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	S21, 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	S21, T:17S, R:32E	BAISH	YATES	4,066	O Active
30-025-00000	BAISH A	001 LEA	S21, T:17S, R:32E	Oct 1963 Dec 1969 MALJAMAR	ABO		G Active
30-025-00000	BAISH A	001 LEA	S21, T:17S, R:32E	MALJAMAR	QUEEN (GAS)		G Active
30-025-00614	MCA UNIT BATTERY 2	355 LEA	S21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		I Unknown
30-025-24461	MCA UNIT BATTERY 2	340 LEA	S21, 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	S21, T:17S, R:32E	Aug 1973 Dec 1976 MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES	4,175	O Temporarily Abandoned
30-025-00603	MCA UNIT BATTERY 20	043 LEA	S21, T:17S, R:32E	BAISH	YATES		O Pumping
30-025-20216	BAISH A	009 LEA	S21, T:17S, R:32E	Oct 1963 Dec 1967 BAISH	YATES	9,822	O Active
30-025-00602	MCA UNIT BATTERY 2	042 LEA	S21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)	GRAYBURG-SAN ANDRES		I Temporarily Abandoned
30-025-00602	MCA UNIT BATTERY 2	042 LEA	S21, T:17S, R:32E	Jan 1963 Jul 1965 MALJAMAR	GRAYBURG-SAN ANDRES		I Temporarily Abandoned
30-025-00000	BAISH A	027 LEA	S21, T:17S, R:32E	Sep 1959 Dec 1962 UND LEA	BOUGH, SOUTH		G Active
30-025-00621	BAISH A	007 LEA	S21, 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 UNIT BATTERY 2	027 LEA	S:21, T:17S, R:32E	Jan 1963	Dec 1971	MALMAJAR REPRESS		4,167	O Pumping
30-025-00603	CONTINENTAL OIL UNIT BATTERY 2	043 LEA	S:21, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS			O Pumping
30-025-12763	CONTINENTAL OIL UNIT BATTERY 2	044 LEA	S:21, T:17S, R:32E	Jan 1969	Dec 1971	MALJAMAR REPRESS		4,066	O Active
30-025-12763	CONTINENTAL OIL UNIT BATTERY 2	044 LEA	S:21, T:17S, R:32E	Mar 1968	Dec 1968	MALJAMAR REPRESS		4,066	O Active

30-025-08031	CONTINENTAL OIL COMPANY	2	MCA UNIT BATTERY	046	LEA	S.21, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	0	O	Pumping
30-025-00606	CONTINENTAL OIL COMPANY	2	MCA UNIT BATTERY	047	LEA	S.21, T:17S, R:32E	Jan 1968	Dec 1968	MALJAMAR REPRESS	0	O	Pumping
30-025-00610	CONTINENTAL OIL COMPANY	2	MCA UNIT BATTERY	067	LEA	S.21, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	4,125	I	Injection Well
30-025-00611	CONTINENTAL OIL COMPANY	2	MCA UNIT BATTERY	069	LEA	S.21, T:17S, R:32E	Jan 1963	Dec 1968	MALJAMAR REPRESS	0	O	Pumping
30-025-00616	CONTINENTAL OIL COMPANY	2	MCA UNI UNIT BATTERY	090	LEA	S.21, T:17S, R:32E	Jan 1963	Sep 1969	MALJAMAR REPRESS	4,133	I	Pumping
30-025-00609	CONTINENTAL OIL COMPANY	2	MCA UNIT BATTERY	092	LEA	S.21, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	4,082	O	Pumping
30-025-00608	CONTINENTAL OIL COMPANY	2	MCA UNI UNIT BATTERY	093	LEA	S.21, T:17S, R:32E	Jan 1963	Dec 1971	MALJAMAR REPRESS	0	O	Pumping
30-025-00000	BUFFALO OIL COMPANY		BAISH A	17Y	LEA	S.21, T:17S, R:32E	Jan 1952	Dec 1952	BAISH		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	18Y	LEA	S.21, T:17S, R:32E	Jan 1952	Dec 1957	BAISH		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	19Y	LEA	S.21, T:17S, R:32E	Jan 1952	Dec 1957	BAISH		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	22Y	LEA	S.21, T:17S, R:32E	Jun 1952	Dec 1957	BAISH		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	23Y	LEA	S.21, T:17S, R:32E	Jun 1952	Dec 1957	BAISH		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	001	LEA	S.21, T:17S, R:32E	Dec 1947	Dec 1962	MALJAMAR REPRESSURING POOL		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	002	LEA	S.21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURNG POOL		G	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	003	LEA	S.21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSUR POOL		O	Active
30-025-00000	BUFFALO OIL COMPANY		BAISH A	004	LEA	S.21, T:17S,	Jan 1945	Dec 1962	MALJAMAR REPRESSUR POOL		G	Active

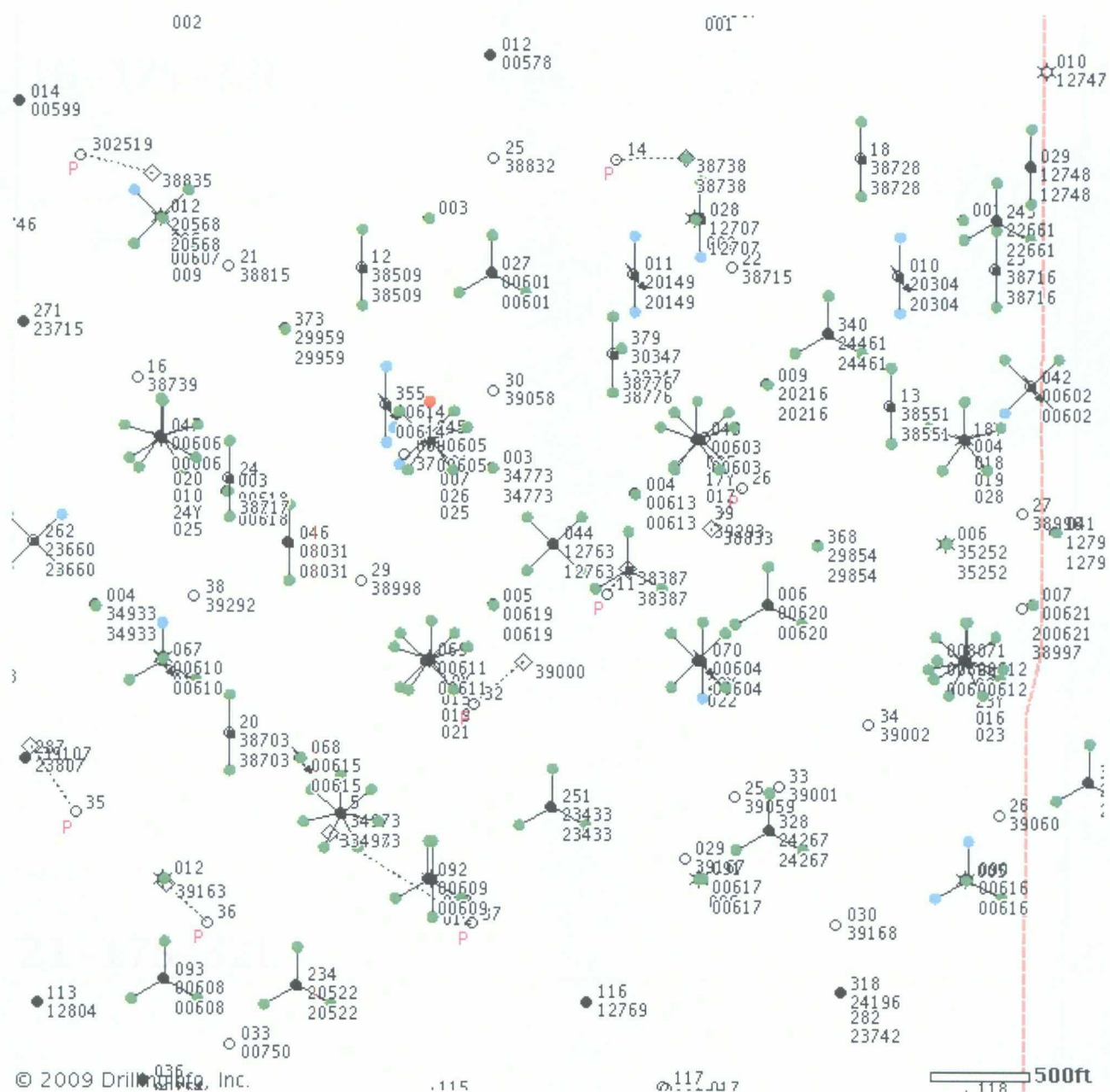
30-025-00000	BUFFALO OIL COMPANY	BAISH A	012	LEA	R-32E S21, T-17S, R-32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	013	LEA	S21, T-17S, R-32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	014	LEA	S21, T-17S, R-32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	015	LEA	S21, T-17S, R-32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING POOL	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	016	LEA	S21, T-17S, R-32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	020	LEA	S21, T-17S, R-32E	Jan 1949	Dec 1962	MALJAMAR REPRESSURING POOL	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	005	LEA	S21, T-17S, R-32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH B	006	LEA	S21, T-17S, R-32E	Mar 1947	Dec 1962	MALJAMAR REPRESSURING POOL	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	17Y	LEA	S21, T-17S, R-32E	Apr 1948	Oct 1953	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y	LEA	S21, T-17S, R-32E	Jul 1948	Dec 1954	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y	LEA	S21, T-17S, R-32E	Jan 1951	Dec 1955	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	19Y	LEA	S21, T-17S, R-32E	Aug 1948	Dec 1955	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	22Y	LEA	S21, T-17S, R-32E	Jan 1953	Dec 1955	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	23Y	LEA	S21, T-17S, R-32E	Jan 1953	Dec 1955	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	017	LEA	S21, T-17S, R-32E	Apr 1948	Dec 1950	BAISH POOL	O	Active
30-025-00000	BUFFALO OIL CO	BAISH A	018	LEA	S21, T-17S, R-32E	Jul 1948	Dec 1962	BAISH	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	019	LEA	S21, T-17S, R-32E	Aug 1948	Dec 1962	BAISH POOL	O	Active

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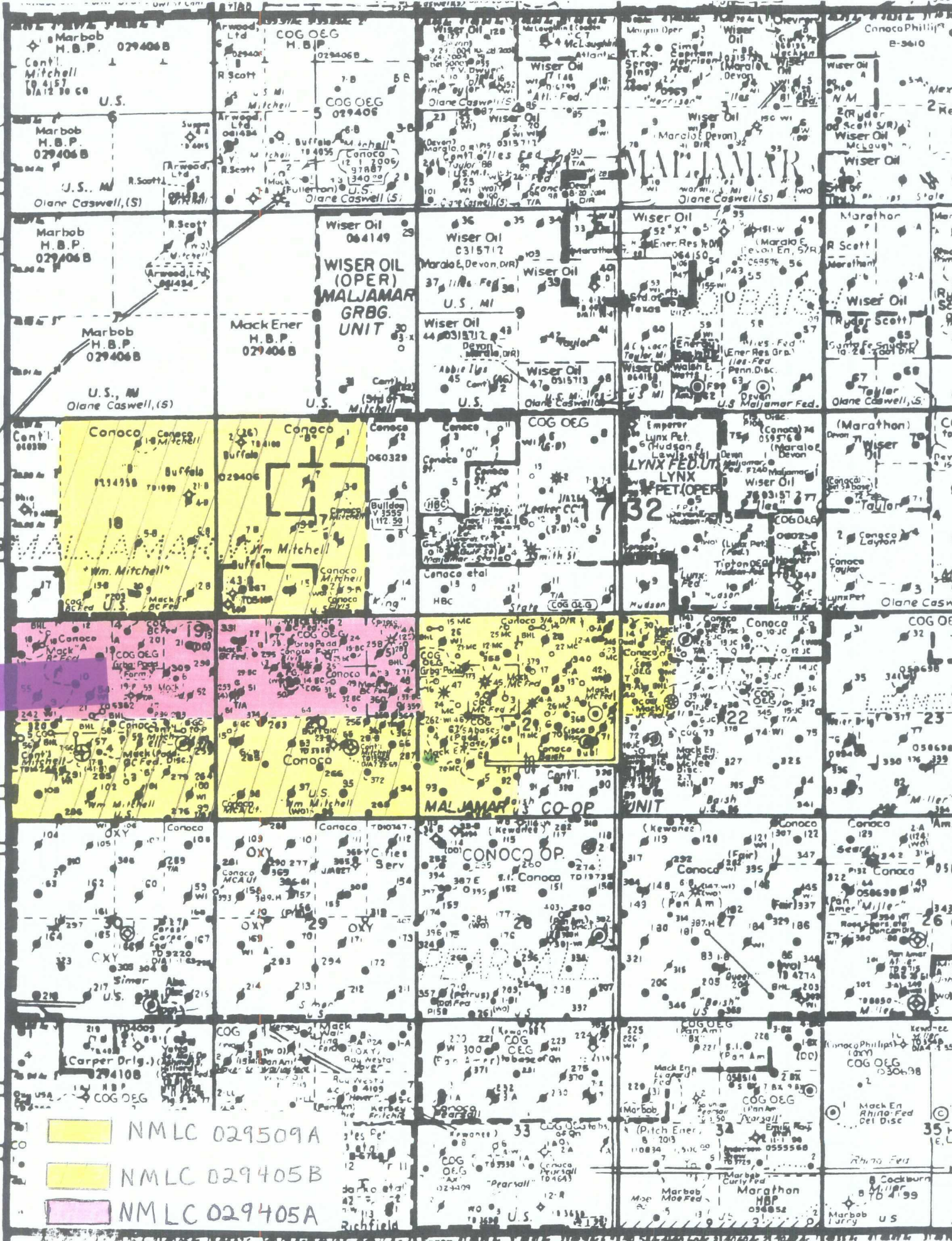
30-025-00000	BUFFALO OIL COMPANY	BAISH A	005	LEA	S 21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES	O	Active
30-025-00620	BUFFALO OIL COMPANY	BAISH A	006	LEA	S 21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES	O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	007	LEA	S 21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR	GRAYBURG-SAN ANDRES	G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	009	LEA	S 21, T:17S, R:32E	Jan 1945	Dec 1962	MALJAMAR REPRESSURING		G	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	021	LEA	S 21, T:17S, R:32E	Jan 1953	Dec 1962	MALJAMAR REPRESSURING		G	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	010	LEA	S 21, T:17S, R:32E	Jan 1949	Dec 1949	MALJAMAR REPRESSURING		O	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	012	LEA	S 21, T:17S, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL		O	Active
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y	LEA	S 21, T:17S, R:32E	Jul 1952	Dec 1952	BAISH POOL		O	Active
30-025-23660	CONTINENTAL OIL CO	MCA UNIT BATTERY 2	262	LEA	S 21, T:17S, 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	S 21, T:17S, R:32E	Jan 1965	Dec 1971	MALJAMAR GRAYBURG SA REPRES	4,131	O	Pumping
30-025-00000	BUFFALO OIL COMPANY	BAISH A	025	LEA	S 21, T:17S, R:32E	Jan 1954	May 1954	PLUGGED & ABANDONED		O	Active
30-025-00000	CONTINENTAL OIL CO	BAISH A FED	027	LEA	S 21, T:17S, R:32E	Jan 1960	Dec 1961	MALJAMAR ABO DEPTH RANGE		G	Active
30-025-00000	CONTINENTAL OIL	BAISH A Y FED	022	LEA	S 21, T:17S, R:32E	Jan 1958	Dec 1961	BAISH BLINBERRY		O	Active
30-025-00000	CONTINENTAL OIL CO	BAISH A Y FED	023	LEA	S 21, T:17S, R:32E	Jan 1958	Dec 1961	BAISH BLINBERRY		O	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	005	LEA	S 21, T:17S, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL		O	Active
30-025-00620	BUFFALO OIL CO.	BAISH A	006	LEA	S 21, T:17S, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL		O	Active
30-025-00000	BUFFALO OIL CO.	BAISH A	007	LEA	S 21, T:17S, R:32E	Jan 1948	Dec 1948	MALJAMAR REPRESSURING POOL		G	Active

30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	022	LEA	S.21, T.17S, R.32E	Jan 1959	Dec 1962	BAISH YATES			O	Active
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	023	LEA	S.21, T.17S, R.32E	Jan 1959	Dec 1962	BAISH YATES			O	Active
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	S.21, T.17S, R.32E	Jan 2008	Oct 2008	MALJAMAR	PADDOCK	7,015	O	Active Permit
30-025-38509	COG OPERATING LLC	MC FEDERAL	12	LEA	S.21, T.17S, R.32E	Nov 2007	Oct 2008	MALJAMAR	PADDOCK	7,012	O	Active Permit
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	S.21, T.17S, R.32E	Aug 2007	Jan 2008	WILDCAT G-02 S173222E	YESO	7,015	O	Active Permit
30-025-20149	HANAGAN PETROLEUM CORP	PRE- ONGARD WELL	011	LEA	S.21, T.17S, R.32E			MALJAMAR	GRAYBURG-SAN ANDRES	2,436	I	Unknown
30-025-20304	HANAGAN PETROLEUM CORP	PRE- ONGARD WELL	010	LEA	S.21, 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	Oct 2008	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		7,027	O	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	Oct 2008	MALJAMAR (PADDOCK)	PADDOCK	7,027	O	Active Permit
30-025-38728	COG OPERATING LLC	MC FEDERAL	18	LEA	S.21, T.17S, R.32E			MALJAMAR	DEVONIAN, WEST	6,965	O	Active Permit
30-025-38728	COG OPERATING LLC	MC FEDERAL	18	LEA	S.21, T.17S, R.32E	Jul 2008	Oct 2008	MALJAMAR (PADDOCK)	PADDOCK	6,965	O	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	MC	5	LEA	S.21, T.17S,			MALJAMAR;PADDOCK		6,908	O	Pumping

CORP	FEDERAL	R:32E	Jul 2008	Oct 2008	MALJAMAR (PADDOCK)	PADDOCK	7,039	O	Active Permit
30-025-38776	COG OPERATING LLC	S:21, T:17S, R:32E	17	LEA					
30-025-38717	COG OPERATING LLC	S:21, T:17S, R:32E	24	LEA	MALJAMAR, YESO		7,042	O	Active Permit
30-025-38717	COG OPERATING LLC	S:21, T:17S, R:32E	24	LEA	MALJAMAR (PADDOCK)	PADDOCK	7,042	O	Active Permit
30-025-38716	COG OPERATING LLC	S:21, T:17S, R:32E	23	LEA	MALJAMAR	DEVONIAN, WEST	6,999	O	Active Permit
30-025-38738	COG OPERATING LLC	S:21, T:17S, R:32E	14	LEA	MALJAMAR (PADDOCK)	PADDOCK	7,400	PO	Active Permit
30-025-38716	COG OPERATING LLC	S:21, T:17S, R:32E	23	LEA	MALJAMAR (PADDOCK)	PADDOCK	6,999	O	Active Permit



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- NMLC 029405B
- NMLC 029405A