

DATE IN 4.29.11	SUSPENSE	ENGINEER DKB	LOGGED IN 4.29.11	TYPE NSL	APP NO. 1111946659
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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 229137

GC Federal #46

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]

6380

302498

- [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 _____

2011 APR 29 A 11:50
 RECEIVED COG

- [2] **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or ☒ Does Not Apply INTEREST 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

4/28/11
 Date

(432) 685-4385
 Phone Number

rododm@conchoresources.com
 E-mail Address

**G C Federal #46
Lea County, NM**

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

Non-Standard Location:
733' FSL & 1270' FEL Sec 20, T17S, R32E, Unit P

This well had to be drilled at a non-standard location 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 G C Federal #45 (750' FSL & 2115' FEL, Section 20, Unit O) which was
completed in April 2010.

The G C Federal #45 completion broke the Yeso up into 4 perf/stimulation
intervals from: 5042' – 6780'.

1st interval: 5042' to 5550',
acidized w/ 3,000 gals,
frac'd w/ 99,000 gals gel, 102,465# 16/30 white sand & 18,964# 16/30 sand.

2nd interval: 6040' – 6240',
acidized w/ 2,500 gals,
frac'd w/ 115,000# gal gel, 144,904# white sand & 34,650# 16/30 sand.

3rd interval: 6310' – 6510',
acidized w/ 2,500 gals,
frac'd w/ 117,000# gal gel, 146,313# white sand & 33,382# 16/30 sand.

4th interval: 6580' – 6780',
acidized w/ 2,500 gals,
frac'd w/ 115,000# gal gel, 146,378# white sand & 32,069# 16/30 sand.

Attachment 1

Plat & map

Attachment 2

Map & legend of offset wells.

Attachment 3

Updated land plat showing that COG Operating LLC owns offset acreage.
The acreage we are encroaching is the SW/4 SE/4 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
1625 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 30-025-40143	Pool Code 44500	Pool Name MALJAMAR; YESO, WEST
Property Code 302498	Property Name GC FEDERAL	Well Number 46
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3986'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	20	17-S	32-E		733	SOUTH	1270	EAST	LEA

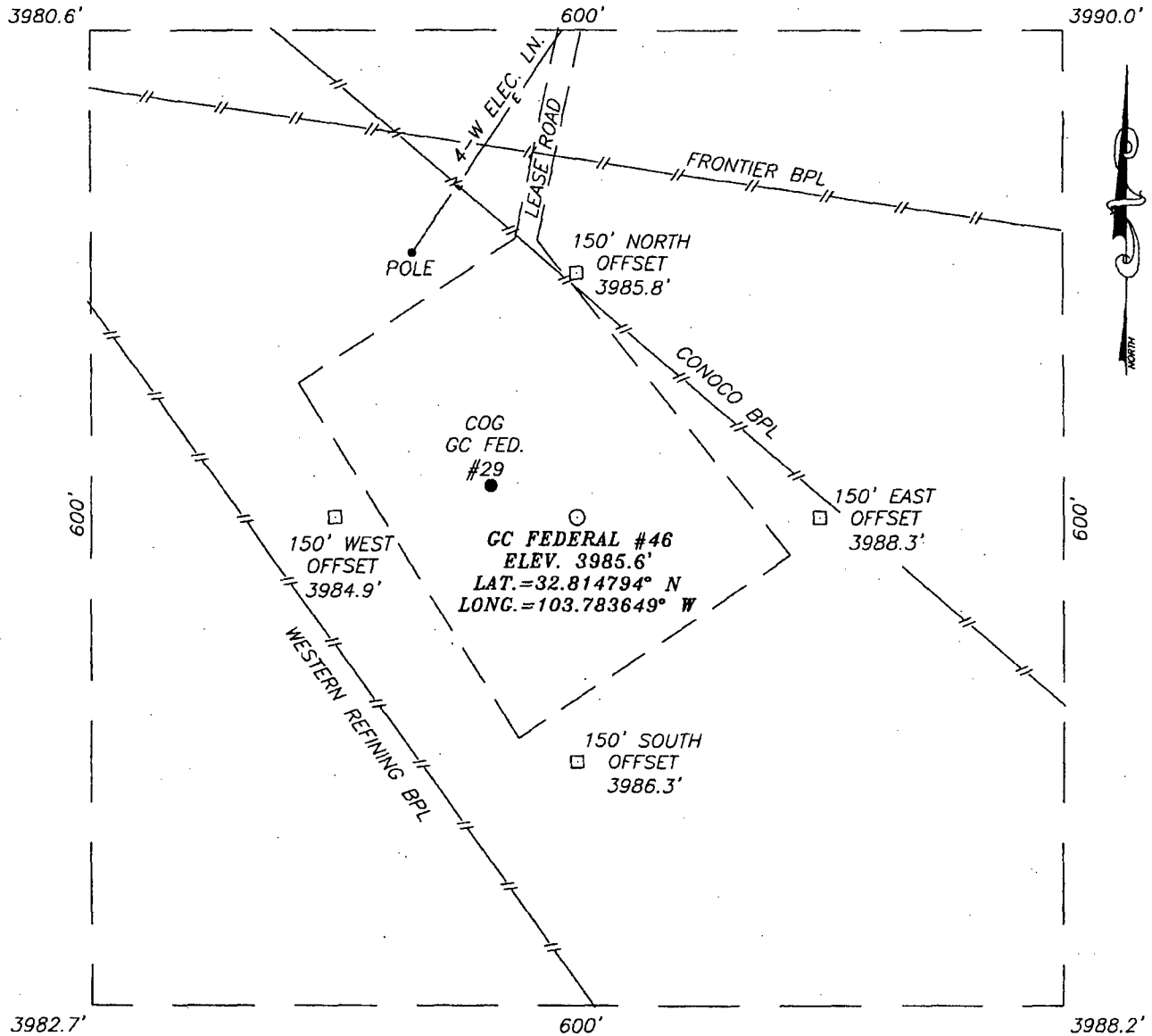
Bottom Hole Location If Different From Surface

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

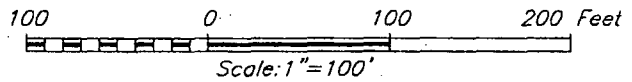
GEODETIC COORDINATES NAD 27 NME Y=660572.1' N X=668876.2' E LAT.=32.814794° N LONG.=103.783649° W DETAIL 3980.6' 3990.0' 600' 3982.7' 3988.2' 600' 733' 1270'	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this 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>Robyn Odom</i> 4/28/2011 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. FEBRUARY 22, 2011 Date Surveyed J. EIDSON LA Signature & Seal of Professional Surveyor RONALD J. EIDSON 3/03/2011 10.11.04.73 Certificate No. GARY EIDSON 12841 ESSRONAL J. EIDSON 3239
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SECTION 20, 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 WEST ON
CONOCO ROAD APPROX. 1.2 MILES. TURN LEFT AND
GO SOUTH APPROX. 0.1 MILE TO THE GC FED. #29.
THIS LOCATION IS APPROX. 60 FEET EAST OF
EXISTING WELL.



COG OPERATING, LLC

GC FEDERAL #46 WELL
LOCATED 733 FEET FROM THE SOUTH LINE
AND 1270 FEET FROM THE EAST LINE OF SECTION 20,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 2/22/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0473	Dr By: LA
Date: 3/2/11	11110473
	Scale: 1"=100'

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

Offset Wells to G C Federal #46

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. Prod. (BO/D)
30-025-08056	CONOCO, INC.	MCA UNIT	049	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1977	Apr 1991	0.10
30-025-12772	CONOCOPHILLIPS COMPANY	MCA UNIT	064	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Plugged and Abandoned	Jan 1970	Jan 2000	0.13
30-025-08058	CONOCOPHILLIPS COMPANY	MCA UNIT	051	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Temporarily Abandoned	Jan 1993	Feb 1998	0.36
30-025-08069	CONOCO, INC.	MCA UNIT	098	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,013	O	Temporarily Abandoned	Jan 1977	Jun 1993	0.63
30-025-33949	CONOCOPHILLIPS COMPANY	ELVIS	004	LEA	S20, T-17S, R32E	BAISH	WOLFCAMP	12,100	O	Active	May 2003	Dec 2010	0.68
30-025-23687	CONOCOPHILLIPS COMPANY	MCA UNIT	266	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Active	Jan 1993	Jan 2011	0.74
30-025-29967	CONOCOPHILLIPS COMPANY	MCA UNIT	374	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,200	O	Active	Nov 1987	Jan 2011	0.74
30-025-20231	CONOCO, INC.	MCA UNIT	258	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,445	O	Pumping	Jan 1993	Jun 1995	0.77
30-025-00000		MITCHELL A	002	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK		G	Active	Jan 1953	Apr 1970	0.83
30-025-08052		MCA UNIT BATTERY 1	253	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,350	PO	Temporarily Abandoned	Sep 1990	Apr 1992	0.90
30-025-23509		MCA UNIT BATTERY 1	256	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	3,650	I	Injection Well	Jan 1977	Oct 1990	0.90
30-025-08060	CONOCOPHILLIPS COMPANY	MCA UNIT	023	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Flowing	Jan 1977	Dec 2002	1.03
30-025-23807	CONOCOPHILLIPS COMPANY	MCA UNIT	287	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,120	O	Active	Jan 1993	Jan 2011	1.29
30-025-12772		MCA UNIT BATTERY 1	064	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Plugged and Abandoned	Jan 1977	Dec 1993	1.84
30-025-08048	CONOCOPHILLIPS COMPANY	MITCHELL B	015	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK	0	O	Active	Jan 1963	Jan 2011	2.16
30-025-08066	CONOCO, INC.	MCA UNIT	063	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,027	O	Temporarily Abandoned	Jan 1977	Jul 1991	2.29
30-025-23706	CONOCOPHILLIPS COMPANY	MCA UNIT	269	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1993	Jan 2011	2.55
30-025-29956	CONOCOPHILLIPS COMPANY	MCA UNIT	372	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,301	O	Pumping	Oct 1987	Jan 2011	2.55
30-025-23687		MCA UNIT BATTERY 1	266	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Active	Jan 1977	Dec 1993	2.71

30-025-33949	CONOCOPHILLIPS COMPANY	ELVIS	004	LEA	S20, T-17S, R32E	BAISH	CISCO	12,100	O	Active	Aug 1997	Jan 2011	2.94
30-025-08062	CONOCOPHILLIPS COMPANY	MCA UNIT	066	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1964	Jan 2011	3.19
30-025-34932	MACK ENERGY CORP	BC FEDERAL	3	LEA	S20, T-17S, R32E	MALJAMAR-PADDOCK		7,028	O	Pumping	Jan 1959	May 2008	3.35
30-025-00000		MITCHELL A	004	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK		G	Active	Jan 1963	Jan 1969	3.45
30-025-08055	CONOCO, INC.	MITCHELL A	004	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,129	G	Temporarily Abandoned	Jan 1950	Apr 1991	3.70
30-025-08065	CONOCOPHILLIPS COMPANY	MCA UNIT	095	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Active	Jan 1977	Jan 2011	3.77
30-025-23715	CONOCOPHILLIPS COMPANY	MCA UNIT	271	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,121	O	Pumping	Jan 1993	Jan 2011	3.84
30-025-08057	CONOCO, INC.	MCA UNIT	050	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		I	Temporarily Abandoned	Jan 1963	Feb 1967	3.93
30-025-00000		MITCHELL A	005	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK		G	Active	Jan 1964	Jun 1964	4.00
30-025-23686	CONOCOPHILLIPS COMPANY	MCA UNIT	265	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1993	Jan 2011	4.45
30-025-12755	CONOCOPHILLIPS COMPANY	MCA UNIT	096	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,048	O	Active	Jan 1970	Jan 2011	4.48
30-025-00000	BUFFALO- CONTD.	MITCHELL B	005	LEA	S20, T-17S, R32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1965	4.55
30-025-08052	CONOCOPHILLIPS COMPANY	MCA UNIT	253	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,350	PO	Temporarily Abandoned	Jan 1977	Dec 1992	5.03
30-025-23672		MCA UNIT BATTERY 1	263	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,066	O	Active	Jan 1971	Jun 1986	5.10
30-025-20231		MCA UNIT BATTERY 1	258	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,445	O	Pumping	Jan 1977	Dec 1993	5.45
30-025-23686		MCA UNIT BATTERY 1	265	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1977	Dec 1993	5.45
30-025-20231		MCA UNIT BATTERY 1	258	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,445	O	Pumping	May 1970	Dec 1976	5.58
30-025-33584	CONOCOPHILLIPS COMPANY	ELVIS	001	LEA	S20, T-17S, R32E	MALJAMAR	DEVONIAN, WEST	13,900	O	Pumping	Dec 1996	Sep 2008	5.67
30-025-08052		MCA UNIT BATTERY 1	253	LEA	S20, T-17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	5,350	PO	Temporarily Abandoned	Mar 1970	Aug 1976	5.97
30-025-39263	COG OPERATING LLC	GC FEDERAL	25	LEA	S20, T-17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,010	O	Active Permit	May 2008	Jan 2011	6.00
30-025-00000		MITCHELL A	001	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK		G	Active	Jan 1963	Sep 1970	6.10

30-025-08067		MCA UNIT BATTERY 1	097	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active	Jan 1963	Feb 1967	6.21
30-025-39264	COG OPERATING LLC	GC FEDERAL	27	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,103	O	Active Permit	Apr 2009	Jan 2011	7.23
30-025-38539	COG OPERATING LLC	BC FEDERAL	15	LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK	7,015	O	Active Permit	Oct 2007	Jan 2011	7.32
30-025-34713	COG OPERATING LLC	BC FEDERAL	2	LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK	7,055	O	Pumping	Jan 2000	Jan 2011	7.42
30-025-23706		MCA UNIT BATTERY 2	269	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1977	Dec 1993	7.84
30-025-08068		MCA UNIT BATTERY 1	062	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	0	I	Temporarily Abandoned	Jan 1967	Feb 1967	8.39
30-025-08064	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	065	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESS		0	I	Injection Well	Jan 1963	Feb 1967	8.39
30-025-39261	COG OPERATING LLC	GC FEDERAL	20	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,020	O	Active Permit	Apr 2009	Jan 2011	8.48
30-025-00000		MITCHELL A	003	LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK		G	Active	Jan 1963	Jun 1969	8.87
30-025-08061	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	024	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESS		0	I	Injection Well	Jan 1963	Feb 1967	9.68
30-025-00000	BUFFALO OIL COMPANY	MITCHELL	22P	LEA	S:20, T:17S, R:32E	MALJAMAR PADDOCK POOL			O	Active	Jan 1951	Dec 1957	10.03
30-025-08055	CONOCOPHILLIPS COMPANY	MITCHELL A	004	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4,129	G	Temporarily Abandoned	Jan 1960	Dec 1976	10.16
30-025-23715		MCA UNIT BATTERY 2	271	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,121	O	Pumping	Jan 1977	Dec 1993	10.55
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL A FEDERAL	024	LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK		G	Active	Jul 1961	Dec 1962	11.00
30-025-08050		MCA UNIT BATTERY 1	257	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,500	PO	Temporarily Abandoned	Jan 1977	Jun 1986	11.63
30-025-08059		MCA UNIT BATTERY 1	022	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active	Jan 1963	Feb 1967	11.68
30-025-39265	COG OPERATING LLC	GC FEDERAL	29	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,114	O	Active Permit	May 2009	Jan 2011	11.77
30-025-36194	COG OPERATING LLC	BC FEDERAL	008	LEA	S:20, T:17S, R:32E	MALJAMAR	PADDOCK	7,060	O	Active	Jul 2003	Jan 2011	11.84
30-025-08054	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	048	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESS			PI	Injection Well	Jan 1963	Feb 1967	11.86
30-025-23807		MCA UNIT BATTERY 2	287	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,120	O	Active	Jan 1977	Dec 1993	12.03
30-025-08063	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	094	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESS		0	I	Injection Well	Jan 1963	Feb 1967	12.11

30-025-34733	COG OPERATING LLC	BC FEDERAL	001	LEA	S20, T17S, R32E	MALJAMAR	PADDOCK	5,900	O	Pumping	Dec 1999	Jan 2011	12.16
30-025-39267	COG OPERATING LLC	GC FEDERAL	21	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,038	O	Active Permit	May 2010	Jan 2011	12.32
30-025-08050		MCA UNIT BATTERY 1	257	LEA	S20, T17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	5,500	PO	Temporarily Abandoned	May 1970	Dec 1976	12.68
30-025-39266	COG OPERATING LLC	GC FEDERAL	31	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,123	O	Active Permit	Nov 2009	Jan 2011	13.48
30-025-38366	COG OPERATING LLC	BC FEDERAL	14	LEA	S20, T17S, R32E	WILDCAT G-02 S173219A, YESO		6,985	O	Active Permit	Jul 2007	Jan 2011	13.68
30-025-23687		MCA UNIT BATTERY 1	266	LEA	S20, T17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	0	O	Active	Mar 1971	Dec 1976	14.00
30-025-00000	BUFFALO-COTD.	MITCHELL A	007	LEA	S20, T17S, R32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	14.00
30-025-39270	COG OPERATING LLC	GC FEDERAL	32	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,136	O	Active Permit	Nov 2009	Jan 2011	14.23
30-025-23686		MCA UNIT BATTERY 1	265	LEA	S20, T17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	0	O	Pumping	Feb 1971	Dec 1976	14.26
30-025-08050	CONOCOPHILLIPS COMPANY	MCA UNIT	257	LEA	S20, T17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,500	PO	Temporarily Abandoned	Jan 1978	Dec 1978	14.81
30-025-00000	BUFFALO-COTD.	MITCHELL B	006	LEA	S20, T17S, R32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	15.00
30-025-23706		MCA UNIT BATTERY 2	269	LEA	S20, T17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	0	O	Pumping	Mar 1971	Dec 1976	15.06
30-025-08052	CONOCOPHILLIPS COMPANY	MCA UNIT	253	LEA	S20, T17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		5,350	PO	Temporarily Abandoned	Jan 1973	Dec 1976	15.23
30-025-38714	COG OPERATING LLC	BC FEDERAL	33	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,200	PO	Active Permit	Apr 2008	Jan 2011	15.84
30-025-34932	COG OPERATING LLC	BC FEDERAL	3	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,028	O	Pumping	Jan 2006	Jan 2011	17.58
30-025-08055	BUFFALO OIL COMPANY	MITCHELL A	004	LEA	S20, T17S, R32E	MALJAMAR REPRESSURING		4,129	G	Temporarily Abandoned	Jan 1945	Dec 1957	18.00
30-025-38744	COG OPERATING LLC	BC FEDERAL	25	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,024	O	Active Permit	Nov 2009	Jan 2011	18.68
30-025-00000	BUFFALO-COTD.	MITCHELL A	016	LEA	S20, T17S, R32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	20.00
30-025-00000	BUFFALO-COTD.	MITCHELL B	002	LEA	S20, T17S, R32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	20.06
30-025-08055	CONOCO, INC.	MITCHELL A	004	LEA	S20, T17S, R32E	MALJAMAR	QUEEN (GAS)	4,129	G	Temporarily Abandoned	Jan 1952	Dec 1959	20.45
30-025-38746	COG OPERATING LLC	BC FEDERAL	28	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,033	O	Active Permit	Aug 2009	Jan 2011	20.68

30-025-34932	BUFFALO OIL COMPANY	MITCHELL A	3	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESSURING		7,028	O	Pumping	Jan 1945	Dec 1962	23.00
30-025-00000	CONTINENTAL OIL CO.	MCA UNIT BATTERY 1	025	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG S A REPRESS			G	Active	Jan 1963	Dec 1971	23.03
30-025-00000	BUFFALO-CONTD.	MITCHELL B	008	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1961	23.39
30-025-08060	CONOCOPHILLIPS COMPANY	MCA UNIT	023	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)			O	Flowing	Jan 1973	Dec 1976	23.58
30-025-39262	COG OPERATING LLC	GC FEDERAL	24	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,045	O	Active Permit	Jun 2009	Jan 2011	24.26
30-025-39697	COG OPERATING LLC	GC FEDERAL	37	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,127	PO	Active Permit	Jul 2010	Jan 2011	24.42
30-025-08065	CONOCOPHILLIPS COMPANY	MCA UNIT	095	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	O	Active	Jan 1973	Dec 1976	24.52
30-025-39272	COG OPERATING LLC	GC FEDERAL	30	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,016	O	Active Permit	Nov 2009	Jan 2011	24.55
30-025-39515	COG OPERATING LLC	GC FEDERAL	39	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,020	O	Active Permit	Feb 2010	Jan 2011	25.71
30-025-38713	COG OPERATING LLC	BC FEDERAL	31	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,025	O	Active Permit	Apr 2010	Jan 2011	25.71
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL B FED	042	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG			AP	Unknown	Jun 1961	Aug 1961	26.45
30-025-12771	CONOCOPHILLIPS COMPANY	MCA UNIT	061	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,024	I	Injection Well	Mar 1969	Apr 1974	26.83
30-025-39268	COG OPERATING LLC	GC FEDERAL	22	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,015	O	Active Permit	Apr 2010	Jan 2011	26.94
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL B FED BATTERY 2	008	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG			G	Active	Jan 1962	Dec 1962	27.81
30-025-38829	COG OPERATING LLC	BC FEDERAL	32	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	6,900	O	Active Permit	Dec 2008	Jan 2011	28.48
30-025-08066	CONOCO, INC.	MCA UNIT	063	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4,027	O	Temporarily Abandoned	Jan 1973	Dec 1976	28.77
30-025-23509		MCA UNIT BATTERY 1	256	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	3,650	I	Injection Well	Jun 1970	Dec 1976	29.10
30-025-39473	COG OPERATING LLC	GC FEDERAL	45	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,134	O	Active Permit	Apr 2010	Jan 2011	33.68
30-025-12772		MCA UNIT BATTERY 1	064	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES		O	Plugged and Abandoned	Feb 1969	Dec 1976	34.68
30-025-38814	COG OPERATING LLC	BC FEDERAL	29	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,041	O	Active Permit	Mar 2010	Jan 2011	34.68
30-025-00000	BUFFALO-CONTD.	MITCHELL B	003	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	35.10

30-025-08056	CONOCO, INC.	MCA UNIT	049	LEA	S.20, T.17S, R.32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	O	Pumping	Jan 1973	Dec 1976	35.55
30-025-39415	COG OPERATING LLC	BC FEDERAL	41	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,050	O	Active Permit	Jan 2010	Jan 2011	35.74
30-025-39414	COG OPERATING LLC	BC FEDERAL	40	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,036	O	Active Permit	May 2010	Jan 2011	36.06
30-025-08069	CONOCO, INC.	MCA UNIT	068	LEA	S.20, T.17S, R.32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4,013	O	Temporarily Abandoned	Jan 1973	Dec 1976	36.39
30-025-39471	COG OPERATING LLC	GC FEDERAL	38	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,129	O	Active Permit	Jun 2010	Jan 2011	37.10
30-025-39472	COG OPERATING LLC	GC FEDERAL	41	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,123	O	Active Permit	Jan 2010	Jan 2011	37.29
30-025-39626	COG OPERATING LLC	GC FEDERAL	40	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,178	O	Active Permit	Sep 2010	Jan 2011	37.52
30-025-08062	CONOCOPHILLIPS COMPANY	MCA UNIT	066	LEA	S.20, T.17S, R.32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	O	Pumping	Jan 1973	Dec 1976	37.71
30-025-00000	CONTINENTAL OIL CO	MITCHELL A FED	020	LEA	S.20, T.17S, R.32E	NALJ PADDOCK DEPTH RANGE			G	Active	Sep 1960	Dec 1960	39.03
30-025-39417	COG OPERATING LLC	BC FEDERAL	43	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,010	O	Active Permit	Nov 2009	Jan 2011	39.87
30-025-00000	BUFFALO- CONTD.	MITCHELL A	017	LEA	S.20, T.17S, R.32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	40.00
30-025-00000	BUFFALO- CONTD.	MITCHELL B	004	LEA	S.20, T.17S, R.32E	MALJAMAR REPRESSURING POOL			G	Active	Apr 1947	Dec 1962	40.10
30-025-39727	COG OPERATING LLC	BC FEDERAL	27	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,300	PO	Active Permit	May 2008	Jan 2011	40.71
30-025-08068	CONOCO, INC.	MCA UNIT	062	LEA	S.20, T.17S, R.32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	I	Temporarily Abandoned	Jan 1973	Dec 1973	41.19
30-025-23807		MCA UNIT BATTERY 2	287	LEA	S.20, T.17S, R.32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4,120	O	Active	Aug 1971	Dec 1976	42.03
30-025-08068		MCA UNIT BATTERY 1	062	LEA	S.20, T.17S, R.32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Temporarily Abandoned	Jan 1963	Dec 1965	42.55
30-025-39282	COG OPERATING LLC	GC FEDERAL	26	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,035	O	Active Permit	Apr 2010	Jan 2011	43.10
30-025-39269	COG OPERATING LLC	GC FEDERAL	23	LEA	S.20, T.17S, R.32E	MALJAMAR (PADDOCK)	PADDOCK	7,035	O	Active Permit	May 2010	Jan 2011	43.13
30-025-00000	BUFFALO- CONTD.	MITCHELL B	007	LEA	S.20, T.17S, R.32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	44.00
30-025-00000	BUFFALO- CONTD.	MITCHELL B	001	LEA	S.20, T.17S, R.32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	44.10
30-025-00000	BUFFALO- CONTD.	MITCHELL A	006	LEA	S.20, T.17S, R.32E	MALJAMAR REPRESSURING POOL			G	Active	Jan 1945	Dec 1962	44.13

30-025-00000	BUFFALO- CONTD.	MITCHELL A	018	LEA	S20, T:17S, R32E	MALJAMAR REPRESSURING POOL				G	Active		Jan 1945	Dec 1962	44.13
30-025-23715		MCA UNIT BATTERY 2	271	LEA	S20, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	4.121		O	Pumping		Mar 1971	Dec 1976	44.16
30-025-00000	BUFFALO- CONTD.	MITCHELL A	008	LEA	S20, T:17S, R32E	MALJAMAR REPRESSURING				G	Active		Jan 1945	Dec 1962	45.39
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL A FEDERAL	023	LEA	S20, T:17S, R32E	MALJAMAR	PADDOCK			G	Active		Jul 1961	Dec 1962	49.03
30-025-00000	BUFFALO OIL CO.	MITCHELL B	022	LEA	S20, T:17S, R32E	MALJAMAR PADDOCK POOL				O	Active		Jan 1952	Dec 1952	49.52
30-025-00000	CONTINENTAL OIL CO	MITCHELL A FED	021	LEA	S20, T:17S, R32E	MALJ PADDOCK DEPTH RANGE				G	Active		Dec 1960	Dec 1962	49.88
30-025-00000	BUFFALO	MITCHELL	022	LEA	S20, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES			G	Active		Jul 1950	Dec 1962	50.00
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	WM MITCHELL A FEDERAL	020	LEA	S20, T:17S, R32E	MALJAMAR	PADDOCK			G	Active		Jan 1961	Dec 1962	50.00
30-025-39416	COG OPERATING LLC	BC FEDERAL	42	LEA	S20, T:17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7.006		O	Active Permit		Jun 2010	Jan 2011	57.35
30-025-38745	COG OPERATING LLC	BC FEDERAL	26	LEA	S20, T:17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7.000		O	Active Permit		Oct 2008	Jan 2011	58.65
30-025-08049	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	255	LEA	S20, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5.349		O	Active		Apr 1970	Dec 1971	64.90
30-025-08058	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	051	LEA	S20, T:17S, R32E	MALJAMAR REPRESS		0		O	Temporarily Abandoned		Jan 1963	Dec 1971	81.77
30-025-08069	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	098	LEA	S20, T:17S, R32E	MALJAMAR REPRESS		4.013		O	Temporarily Abandoned		Jan 1963	Dec 1971	85.39
30-025-39472	COG OPERATING LLC	GC FEDERAL	41	LEA	S20, T:17S, R32E	MALJAMAR, YESO, WEST		7.123		O	Active Permit		Jan 2010	Feb 2010	95.82
30-025-12755	CONOCOPHILLIPS COMPANY	MCA UNIT	096	LEA	S20, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		4.048		O	Active		Aug 1969	Dec 1976	98.26
30-025-12755	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	096	LEA	S20, T:17S, R32E	MALJAMAR GRAYBURG SA REPRES		4.048		O	Active		Jan 1971	Dec 1971	99.03
30-025-08050	CONOCOPHILLIPS COMPANY	MCA UNIT	257	LEA	S20, T:17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		5.500		PO	Temporarily Abandoned		Jan 1974	Dec 1974	99.94
30-025-08062	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	066	LEA	S20, T:17S, R32E	MALJAMAR REPRESS		0		O	Pumping		Jan 1963	Dec 1971	109.32
30-025-08066	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	063	LEA	S20, T:17S, R32E	MALJAMAR REPRESS		4.027		O	Temporarily Abandoned		Jan 1963	Dec 1971	110.13
30-025-23509	CONOCO, INC.	MCA UNIT	256	LEA	S20, T:17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	3.650		I	Injection Well		Jun 1970	Dec 1970	121.87
30-025-08065	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	095	LEA	S20, T:17S, R32E	MALJAMAR REPRESS		0		O	Active		Jan 1963	Dec 1971	128.03

30-025-12771	CONTINENTAL OIL CO	MCA UNIT BATTERY 1	061	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA		4,024	I	Injection Well	Jan 1971	Dec 1971	141.71
30-025-08060	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	023	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESS			O	Flowing	Jan 1963	Dec 1971	355.13
30-025-08056	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 1	049	LEA	S:20, T:17S, R:32E	MALJAMAR REPRESS		0	O	Pumping	Jan 1963	Dec 1971	543.81
30-025-08051	CONOCOPHILLIPS COMPANY	MCA UNIT	331	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,370	I	Injection Well	Jan 2001	Jan 2011	
30-025-08053	CONOCO, INC.	MCA UNIT	303	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	13,965	I	Injection Well			
30-025-08053	CONOCO, INC.	MCA UNIT	303	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		13,965	I	Injection Well			
30-025-08054	CONOCOPHILLIPS COMPANY	MCA UNIT	048	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		PI	Injection Well			
30-025-08054	CONOCOPHILLIPS COMPANY	MCA UNIT	048	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)			PI	Injection Well			
30-025-08081	CONOCOPHILLIPS COMPANY	MCA UNIT	024	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	I	Injection Well			
30-025-08061	CONOCOPHILLIPS COMPANY	MCA UNIT	024	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well			
30-025-08063	CONOCOPHILLIPS COMPANY	MCA UNIT	094	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	I	Injection Well			
30-025-08063	CONOCOPHILLIPS COMPANY	MCA UNIT	094	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well	Jan 2001	May 2010	
30-025-08064	CONOCO, INC.	MCA UNIT	065	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well			
30-025-08064	CONOCO, INC.	MCA UNIT	065	LEA	S:20, T:17S, R:32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)		0	I	Injection Well			
30-025-08068	CONOCO, INC.	MCA UNIT	062	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Temporarily Abandoned			
30-025-27065	CONOCO, INC.	MCA UNIT	362	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Active			
30-025-27063	CONOCO, INC.	MCA UNIT	360	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active			
30-025-27076	CONOCO, INC.	MCA UNIT	359	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Active			
30-025-27064	CONOCO, INC.	MCA UNIT	361	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Active			
30-025-27067	CONOCO, INC.	MCA UNIT	364	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,270	O	Active			
30-025-26606	CONOCO, INC.	MCA UNIT	358	LEA	S:20, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	I	Unknown			

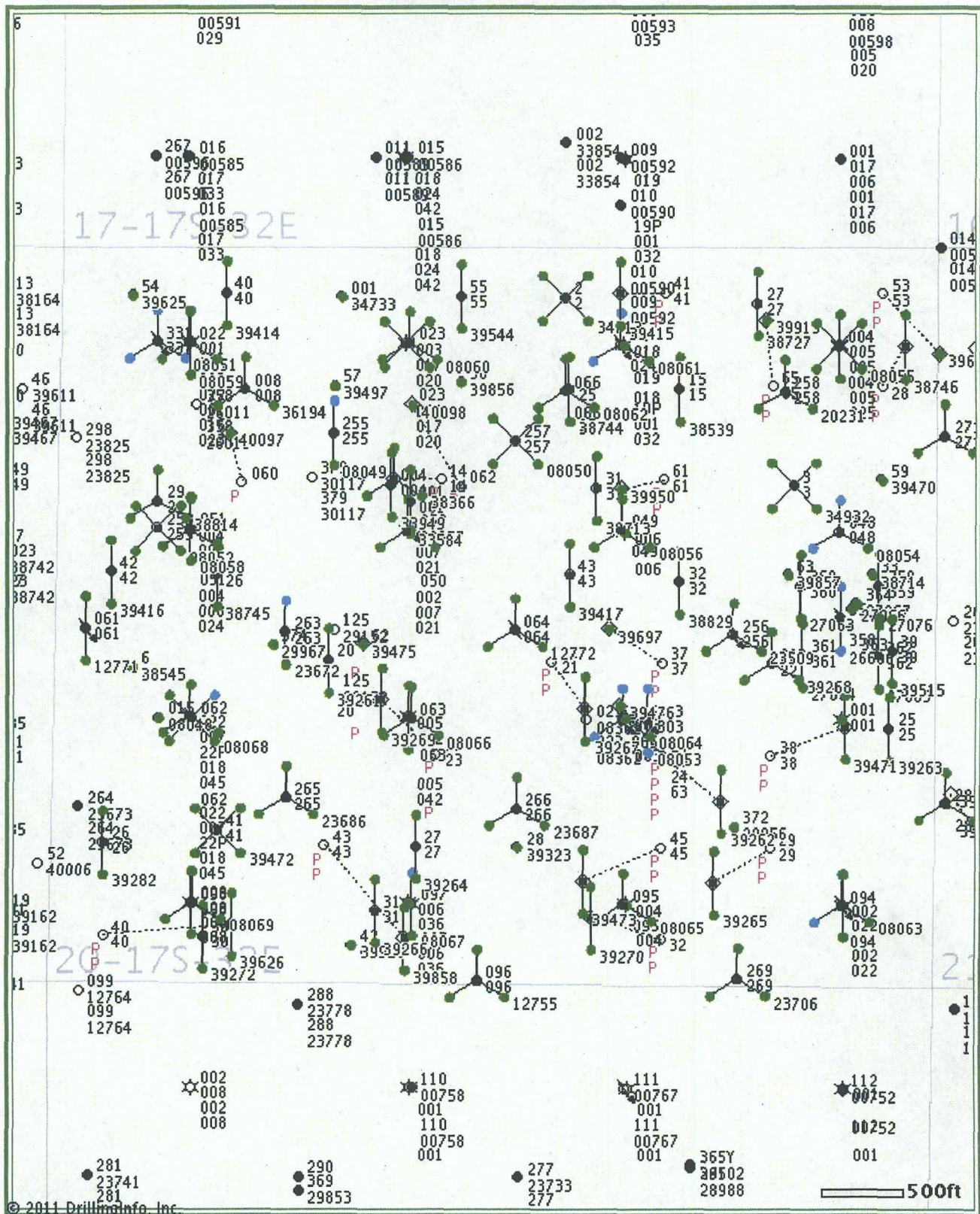
30-025-27066	CONOCO, INC.	MCA UNIT	363	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,250	O	Active		
30-025-08051		MCA UNIT BATTERY 1	331	LEA	S20, T-17S, R32E	MALJAMAR GRAYBURG SA REP (ABOLISHED)	GRAYBURG-SAN ANDRES	5,370	I	Injection Well		
30-025-08051		MCA UNIT BATTERY 1	331	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,370	I	Injection Well		
30-025-27076		MCA UNIT BATTERY 2	359	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Active		
30-025-27063		MCA UNIT BATTERY 2	360	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Active		
30-025-26806		MCA UNIT BATTERY 2	358	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	I	Unknown		
30-025-27065		MCA UNIT BATTERY 2	362	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Active		
30-025-27064		MCA UNIT BATTERY 2	361	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,150	O	Active		
30-025-08059	CONOCO, INC.	MCA UNIT	022	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active		
30-025-08057	CONOCO, INC.	MCA UNIT	097	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES		G	Active		
30-025-38366	COG OPERATING LLC	BC FEDERAL	14	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK	6,985	O	Active Permit		
30-025-38545	COG OPERATING LLC	GC FEDERAL	6	LEA	S20, T-17S, R32E	MALJAMAR	PADDOCK	7,100	PO	Active Permit		
30-025-38366	COG OPERATING LLC	BC FEDERAL	14	LEA	S20, T-17S, R32E	WILDCAT YESO <97633>		6,985	O	Active Permit		
30-025-08049	HANAGAN PETROLEUM CORP	PRE-ONGARD WELL	255	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	5,349	O	Active		
30-025-23672	HANAGAN PETROLEUM CORP	PRE-ONGARD WELL	263	LEA	S20, T-17S, R32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,066	O	Active		
30-025-36194	MACK ENERGY CORPORATION	BC FEDERAL	008	LEA	S20, T-17S, R32E	MALJAMAR/PADDOCK		7,060	O	Active		
30-025-38539	COG OPERATING LLC	BC FEDERAL	15	LEA	S20, T-17S, R32E	MALJAMAR/PADDOCK		7,015	O	Active Permit		
30-025-38727	COG OPERATING LLC	BC FEDERAL	27	LEA	S20, T-17S, R32E	MALJAMAR/YESO, WEST		7,300	PO	Active Permit		
30-025-36194	COG OPERATING LLC	BC FEDERAL	008	LEA	S20, T-17S, R32E	MALJAMAR/YESO, WEST		7,060	O	Active		
30-025-34932	COG OPERATING LLC	BC FEDERAL	3	LEA	S20, T-17S, R32E	MALJAMAR/YESO, WEST		7,028	O	Pumping		
30-025-34713	MACK ENERGY CORP	BC FEDERAL	2	LEA	S20, T-17S, R32E	MALJAMAR/PADDOCK		7,055	O	Pumping		

30-025-34713	MACK ENERGY CORP	BC FEDERAL	2	LEA	S20, T17S, R32E	MALJAMAR	PADDOCK	7,055	O	Pumping
30-025-34713	COG OPERATING LLC	BC FEDERAL	2	LEA	S20, T17S, R32E	MALJAMAR	DEVONIAN, WEST	7,055	O	Pumping
30-025-38829	COG OPERATING LLC	BC FEDERAL	32	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		6,900	O	Active Permit
30-025-38745	COG OPERATING LLC	BC FEDERAL	26	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,000	O	Active Permit
30-025-39261	COG OPERATING LLC	GC FEDERAL	20	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,020	O	Active Permit
30-025-39264	COG OPERATING LLC	GC FEDERAL	27	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,103	O	Active Permit
30-025-39265	COG OPERATING LLC	GC FEDERAL	29	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,114	O	Active Permit
30-025-39263	COG OPERATING LLC	GC FEDERAL	25	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,010	O	Active Permit
30-025-39262	COG OPERATING LLC	GC FEDERAL	24	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,045	O	Active Permit
30-025-38746	COG OPERATING LLC	BC FEDERAL	28	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,033	O	Active Permit
30-025-39266	COG OPERATING LLC	GC FEDERAL	31	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,123	O	Active Permit
30-025-39417	COG OPERATING LLC	BC FEDERAL	43	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,010	O	Active Permit
30-025-38744	COG OPERATING LLC	BC FEDERAL	25	LEA	S20, T17S, R32E	MALJAMAR	DEVONIAN, WEST	7,024	O	Active Permit
30-025-39272	COG OPERATING LLC	GC FEDERAL	30	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,016	O	Active Permit
30-025-39270	COG OPERATING LLC	GC FEDERAL	32	LEA	S20, T17S, R32E	MALJAMAR	DEVONIAN, WEST	7,136	O	Active Permit
30-025-39415	COG OPERATING LLC	BC FEDERAL	41	LEA	S20, T17S, R32E	MALJAMAR; YESO, WEST		7,050	O	Active Permit
30-025-39497	COG OPERATING LLC	BC FEDERAL	57	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit
30-025-39476	COG OPERATING LLC	GC FEDERAL	63	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,019	PO	Active Permit
30-025-39475	COG OPERATING LLC	GC FEDERAL	62	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,137	PO	Active Permit
30-025-39470	COG OPERATING LLC	BC FEDERAL	59	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit
30-025-39625	COG OPERATING LLC	BC FEDERAL	54	LEA	S20, T17S, R32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit

30-025-39612	COG OPERATING LLC	BC FEDERAL	53	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39544	COG OPERATING LLC	BC FEDERAL	55	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,042	O	Active Permit		
30-025-39323	COG OPERATING LLC	GC FEDERAL	28	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-38814	COG OPERATING LLC	BC FEDERAL	29	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,041	O	Active Permit		
30-025-38814	COG OPERATING LLC	BC FEDERAL	29	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,041	O	Active Permit		
30-025-39515	COG OPERATING LLC	GC FEDERAL	39	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,020	O	Active Permit		
30-025-39282	COG OPERATING LLC	GC FEDERAL	26	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,035	O	Active Permit		
30-025-39268	COG OPERATING LLC	GC FEDERAL	22	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,015	O	Active Permit		
30-025-39472	COG OPERATING LLC	GC FEDERAL	41	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,123	O	Active Permit		
30-025-39268	COG OPERATING LLC	GC FEDERAL	22	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,015	O	Active Permit		
30-025-38713	COG OPERATING LLC	BC FEDERAL	31	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,025	O	Active Permit		
30-025-39269	COG OPERATING LLC	GC FEDERAL	23	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,035	O	Active Permit		
30-025-39472	COG OPERATING LLC	GC FEDERAL	41	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,123	O	Active Permit		
30-025-39473	COG OPERATING LLC	GC FEDERAL	45	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,134	O	Active Permit		
30-025-39416	COG OPERATING LLC	BC FEDERAL	42	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,006	O	Active Permit		
30-025-39471	COG OPERATING LLC	GC FEDERAL	38	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,129	O	Active Permit		
30-025-39414	COG OPERATING LLC	BC FEDERAL	40	LEA	S-20, T-17S, R-32E	MALJAMAR, YESO, WEST		7,036	O	Active Permit		
30-025-39856	COG OPERATING LLC	BC FEDERAL	58	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39857	COG OPERATING LLC	BC FEDERAL	63	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39858	COG OPERATING LLC	GC FEDERAL	43	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,067	O	Active Permit		
30-025-39913	COG OPERATING LLC	BC FEDERAL	65	LEA	S-20, T-17S, R-32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		

30-025-39287	COG OPERATING LLC	GC FEDERAL	21	LEA	S:20, T:17S, R:32E	MALJAMAR;YESO, WEST		7,038	O	Active Permit			
30-025-39928	COG OPERATING LLC	GC FEDERAL	42	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	6,900	PO	Active Permit			
30-025-39626	COG OPERATING LLC	GC FEDERAL	40	LEA	S:20, T:17S, R:32E	MALJAMAR;YESO, WEST		7,178	O	Active Permit			
30-025-33584	CONOCOPHILLIPS COMPANY	ELVIS	001	LEA	S:20, T:17S, R:32E	SWD (DEVONIAN)	DEVONIAN	13,900	O	Pumping	Dec 2010	Dec 2010	
30-025-39950	COG OPERATING LLC	BC FEDERAL	61	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit			
30-025-39544	COG OPERATING LLC	BC FEDERAL	55	LEA	S:20, T:17S, R:32E	MALJAMAR;YESO, WEST		7,042	O	Active Permit			
30-025-40097	COG OPERATING LLC	BC FEDERAL	080	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,122	PO	Active Permit			
30-025-40098	COG OPERATING LLC	BC FEDERAL	082	LEA	S:20, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,149	PO	Active Permit			
30-025-39858	COG OPERATING LLC	GC FEDERAL	43	LEA	S:20, T:17S, R:32E	MALJAMAR;YESO, WEST		7,067	O	Active Permit			

Offset Wells to G C Federal #46



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