

DATE IN <u>4-18-10</u>	SUSPENSE	ENGINEER <u>DB</u>	LOGGED IN <u>4-19-10</u>	TYPE <u>NSL</u>	APP NO. <u>1010940835</u>
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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
6196

MC Federal #15

ADMINISTRATIVE APPLICATION CHECKLIST 30-025-38835

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 _____

RECEIVED OGD
 2010 APR 19 A 10:39

[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

Signature

REGULATORY ANALYST
 Title

4/16/10
 Date

(432) 685-4385
 Phone Number

rododm@conchoresources.com
 E-mail Address

**M C Federal #15
Lea County, NM**

COG drilled a **DIRECTIONAL** NW/4 NW/4, 40 acre spacing
Maljamar; Yeso, West oil well
TD 7041' TVD

Non-Standard Location:

SHL: 430' FNL & 600' FWL Sec 21, T17S, R32E, Unit D
BHL: 281' FNL & 380' FWL Sec 21, T17S, R32E, Unit D

The BHL and Perforations are at a non-standard location.

We have completed this well in the Yeso formation.

The M C Federal #15 completion broke the Yeso up into 4 perf/stimulation intervals. M C Federal #15 has perfs from: 5469' – 6800' overall, but broken up into 4 separate intervals, with 4 separate fracs

1st interval: 5469' – 5610',
acidized w/ 59 bbls,
frac'd w/ 2416 bbls gel, 118,069# 16/30 sand.

2nd interval: 6060' – 6260',
acidized w/ 60 bbls,
frac'd w/ 2776 bbls, 180,069# 16/30 sand.

3rd interval: 6330' – 6530',
acidized w/ 60 bbls,
frac'd w/ 2813 bbls gel, 184,055# 16/30 sand.

3rd interval: 6660' – 6800',
acidized w/ 60 bbls,
frac'd w/ 2798 bbls gel, 182,568# 16/30 sand

**Attachment 1
Plats & Survey**

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

Attachment 3
Updated land plat showing that COG Operating LLC acreage.
The acreage we are encroaching is the SW/4 SW/4 of Section 16 and the SE/4
SE/4 of Section 17.

Proof of notification to offset operators is attached.

Interests are the same.

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

State of New Mexico

Energy, Minerals and Natural Resources Department

DISTRICT I

1625 N. FRENCH DR., HOBBBS, NM 86240

DISTRICT II

1301 W. 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

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 30-025-38835	Pool Code 44500	Pool Name Maljamar;Yeso,West
Property Code 302519	Property Name MC FEDERAL	Well Number 15
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4054'

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		430	NORTH	600	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
D	21	17-S	32-E		281	NORTH	380	WEST	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

DETAIL

GRID AZ.=290°08'41"
HORIZ. DIST.=288.2'

GEODETC COORDINATES
NAD 27 NME
SURFACE LOCATION

Y=664694.7 N
X=670720.5 E

LAT.=32.826099° N
LONG.=103.777576° W

BOTTOM HOLE LOCATION

Y=664793.9 N
X=670450.0 E

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.

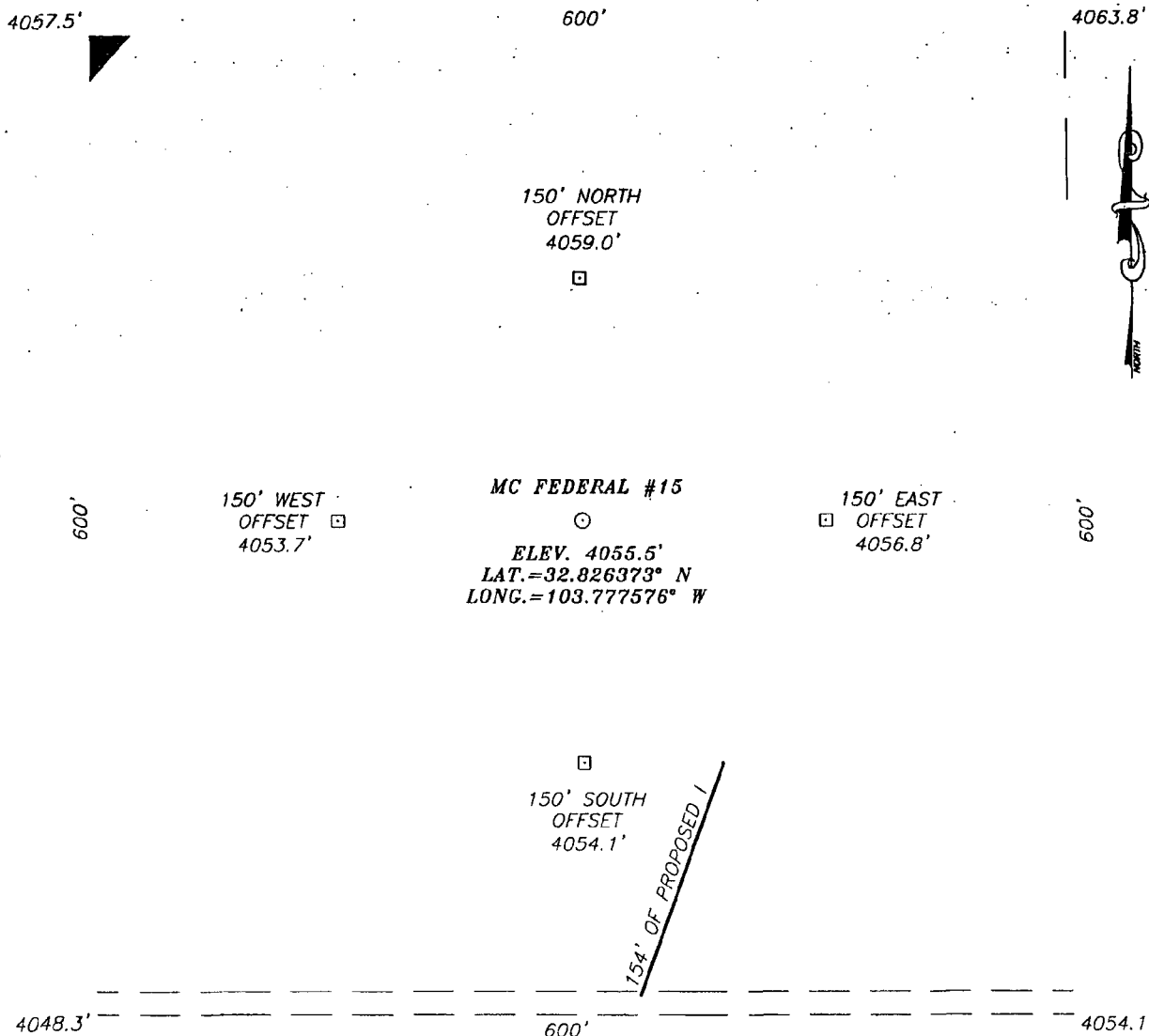
K.C. 04/13/10
Signature Date
Kanicia Carrillo
Printed Name

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.

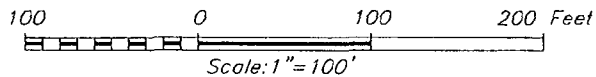
FEBRUARY 2, 2008
Date Surveyed
Signature & Seal of Professional Surveyor
Ronald J. Eidson 08/11/05
Certificate No. GARY EIDSON 12641
RONALD J. EIDSON 3239

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



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF ST. HWY. #529 AND CO. RD. #L126 (MALJAMAR RD.), GO NORTH ON MALJAMAR RD. APPROX. 2.6 MILES. TURN LEFT AND GO NORTHWEST APPROX. 0.6 MILES. TURN LEFT AND GO SOUTHWEST APPROX. 0.3 MILES, FOLLOW ROAD WEST APPROX. 0.2 MILES TO ROAD SURVEY. FOLLOW ROAD SURVEY APPROX. 154 FEET TO THE SOUTHEAST CORNER OF THIS LOCATION.



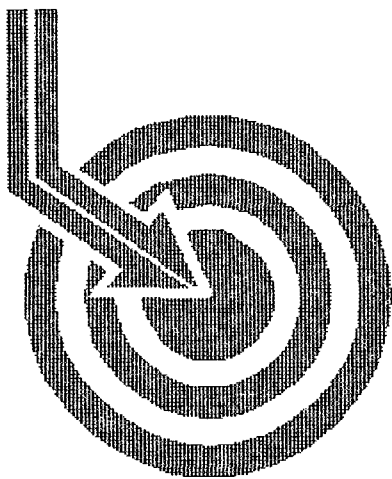
COG OPERATING, LLC

MC FEDERAL #15 WELL
LOCATED 330 FEET FROM THE NORTH LINE
AND 600 FEET FROM THE WEST LINE OF SECTION 21,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO.

Survey Date: 9/21/07	Sheet 1 of 1 Sheets
W.O. Number: 07.11.1022	Dr By: AR
Date: 10/2/07	Disk: 07111022
	Scale: 1"=100'



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



Scientific Drilling

COG RESOURCES

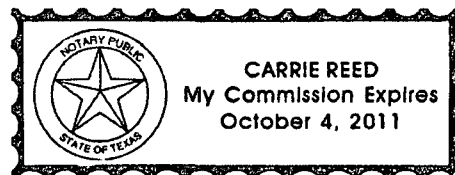
Field: Maljamar
Site: Lea County, NM
Well: MC Federal #15
Wellpath: DH - Job #32D0210111
Survey: 02/19/10-02/24/10

This survey is correct to the best of my knowledge and is supported by actual field data.

Richard
Company Representative

Notarized this date 11th of March, 2010.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific Drilling International Inc.

Survey Report

Company: COG RESOURCES	Date: 2/28/2010	Time: 19:22:09	Page: 1
Field: Maljamar	Co-ordinate(NE) Reference: Site: Lea County, NM, True North		
Site: Lea County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: MC Federal #15	Section (VS) Reference: Well (0.00N,0.00E,304.08Azi)		
Wellpath: VH - Job #32K0210116	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 02/18/10	Start Date: 2/18/2010
KSRG 0'-2045'	
Company: Scientific Drilling Internatio	Engineer: Madrid w/Gray
Tool: Keeper, Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.0	0.00	359.70	0.0	0.0	0.0	0.0	0.00	0.0	0.00
100.0	0.07	324.12	100.0	0.1	0.0	0.0	0.07	0.1	324.12
200.0	0.07	289.79	200.0	0.2	0.1	-0.1	0.04	0.2	312.83
300.0	0.32	253.43	300.0	0.4	0.1	-0.5	0.27	0.5	277.61
400.0	1.28	226.93	400.0	0.8	-0.8	-1.5	1.00	1.7	243.06
500.0	2.39	220.90	499.9	1.3	-3.1	-3.7	1.13	4.9	230.00
600.0	3.16	215.64	599.8	1.7	-6.9	-6.7	0.81	9.6	223.96
700.0	3.77	218.07	699.6	2.0	-11.8	-10.3	0.63	15.7	221.27
800.0	4.04	219.93	799.4	2.5	-17.1	-14.6	0.30	22.5	220.59
900.0	3.98	228.16	899.2	3.7	-22.1	-19.5	0.58	29.4	221.40
1000.0	4.22	228.11	998.9	5.5	-26.8	-24.8	0.24	36.5	222.72
1100.0	4.43	228.15	1098.6	7.3	-31.9	-30.4	0.21	44.0	223.64
1200.0	4.51	227.94	1198.3	9.2	-37.1	-36.2	0.08	51.8	224.30
1300.0	3.82	227.78	1298.0	10.9	-42.0	-41.6	0.69	59.1	224.74
1400.0	2.83	226.09	1397.9	12.2	-45.9	-45.8	0.99	64.9	224.95
1500.0	2.13	226.36	1497.8	13.1	-48.9	-48.9	0.70	69.2	225.03
1600.0	1.49	229.85	1597.7	13.9	-51.0	-51.3	0.65	72.3	225.15
1700.0	0.70	239.85	1697.7	14.5	-52.2	-52.8	0.81	74.2	225.35
1800.0	0.42	274.90	1797.7	15.1	-52.4	-53.7	0.43	75.1	225.68
1900.0	0.48	319.54	1897.7	15.8	-52.1	-54.3	0.35	75.3	226.21
2000.0	0.42	349.18	1997.7	16.5	-51.4	-54.7	0.24	75.1	226.76
2045.0	0.11	302.18	2042.7	16.6	-51.2	-54.7	0.79	75.0	226.90



Scientific Drilling International Inc.

Survey Report

Company: COG RESOURCES	Date: 2/28/2010	Time: 19:29:58	Page: 1
Field: Maljamar	Co-ordinate(NE) Reference:	Site: Lea County, NM, True North	
Site: Lea County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: MC Federal #15	Section (VS) Reference:	Well (0.00N,0.00E,304.08Azi)	
Wellpath: DH - Job #32D0210111	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: 02/19/10-02/24/10	Start Date: 2/19/2010
MWD 2142'-5498'	
Company: Scientific Drilling Internatio	Engineer: McCormick/Glover
Tool: MWD,MWD	Tied-to: From: Definitive Path

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
2045.0	0.11	302.18	2042.7	16.6	-51.2	-54.7	0.00	75.0	226.90
2142.0	0.08	68.09	2139.7	16.7	-51.2	-54.8	0.18	74.9	226.95
2205.0	1.06	337.63	2202.7	17.2	-50.6	-54.9	1.69	74.7	227.36
2268.0	2.77	329.56	2265.7	19.0	-48.7	-55.9	2.74	74.2	228.93
2332.0	3.87	316.60	2329.6	22.5	-45.8	-58.2	2.07	74.1	231.77
2395.0	4.41	312.73	2392.4	27.0	-42.7	-61.4	0.96	74.8	235.23
2459.0	5.15	317.69	2456.2	32.2	-38.9	-65.2	1.32	75.9	239.20
2522.0	5.16	319.42	2518.9	37.7	-34.6	-68.9	0.25	77.1	243.33
2617.0	4.79	318.74	2613.6	45.7	-28.4	-74.3	0.39	79.6	249.09
2712.0	4.35	315.51	2708.3	53.0	-22.8	-79.5	0.54	82.7	253.96
2805.0	4.66	327.21	2801.0	60.0	-17.2	-84.0	1.04	85.7	258.46
2900.0	4.04	321.13	2895.7	66.7	-11.3	-88.2	0.81	88.9	262.70
2994.0	5.17	314.77	2989.4	74.0	-5.7	-93.3	1.32	93.4	266.48
3103.0	4.36	313.80	3098.0	82.9	0.6	-99.7	0.75	99.7	270.34
3166.0	4.67	316.52	3160.8	87.8	4.1	-103.2	0.60	103.3	272.28
3260.0	4.72	319.04	3254.5	95.3	9.8	-108.4	0.23	108.8	275.17
3324.0	4.69	316.81	3318.3	100.4	13.7	-111.9	0.29	112.8	276.98
3388.0	4.28	316.39	3382.1	105.3	17.3	-115.4	0.64	116.7	278.55
3451.0	4.44	325.69	3444.9	109.8	21.1	-118.4	1.15	120.2	280.09
3513.0	5.32	325.43	3506.7	114.7	25.4	-121.3	1.42	124.0	281.82
3576.0	5.40	323.69	3569.4	120.2	30.2	-124.7	0.29	128.3	283.61
3671.0	5.07	324.75	3664.0	128.4	37.2	-129.8	0.36	135.0	286.00
3765.0	4.92	328.30	3757.7	135.9	44.0	-134.3	0.37	141.4	288.15
3861.0	5.68	323.94	3853.2	144.2	51.4	-139.3	0.90	148.5	290.25
3954.0	5.78	316.94	3945.8	153.1	58.5	-145.2	0.76	156.6	291.95
4049.0	5.95	316.24	4040.3	162.5	65.6	-151.9	0.19	165.4	293.36
4111.0	5.45	320.42	4102.0	168.5	70.2	-156.0	1.05	171.0	294.22
4174.0	5.39	318.27	4164.7	174.2	74.7	-159.8	0.34	176.4	295.04
4269.0	4.55	319.26	4259.3	182.2	80.9	-165.3	0.89	184.0	296.07
4364.0	4.74	321.21	4354.0	189.6	86.8	-170.2	0.26	191.0	297.02
4459.0	4.74	324.70	4448.7	197.0	93.0	-174.9	0.30	198.1	298.01
4552.0	4.90	324.58	4541.4	204.3	99.4	-179.4	0.17	205.1	298.99
4648.0	5.27	321.05	4637.0	212.4	106.2	-184.6	0.50	213.0	299.91
4742.0	5.32	322.96	4730.6	220.6	113.0	-189.9	0.19	221.0	300.76
4836.0	5.05	315.77	4824.2	228.8	119.5	-195.4	0.75	229.1	301.44
4931.0	5.21	315.70	4918.8	237.1	125.6	-201.4	0.17	237.3	301.94
4994.0	4.41	317.40	4981.6	242.3	129.4	-205.0	1.29	242.4	302.26
5089.0	3.32	327.38	5076.4	248.4	134.4	-209.0	1.34	248.4	302.75
5151.0	3.27	325.79	5138.3	251.7	137.4	-210.9	0.17	251.7	303.07
5214.0	3.21	325.17	5201.2	255.0	140.3	-212.9	0.11	255.0	303.38
5277.0	3.25	323.18	5264.1	258.3	143.2	-215.0	0.19	258.3	303.66
5341.0	2.86	319.45	5328.0	261.6	145.8	-217.1	0.68	261.6	303.89
5403.0	1.90	318.60	5389.9	264.1	147.8	-218.8	1.55	264.1	304.03
5467.0	0.33	292.95	5453.9	265.3	148.7	-219.7	2.51	265.3	304.08
5498.0	0.22	186.00	5484.9	265.3	148.6	-219.8	1.44	265.3	304.07



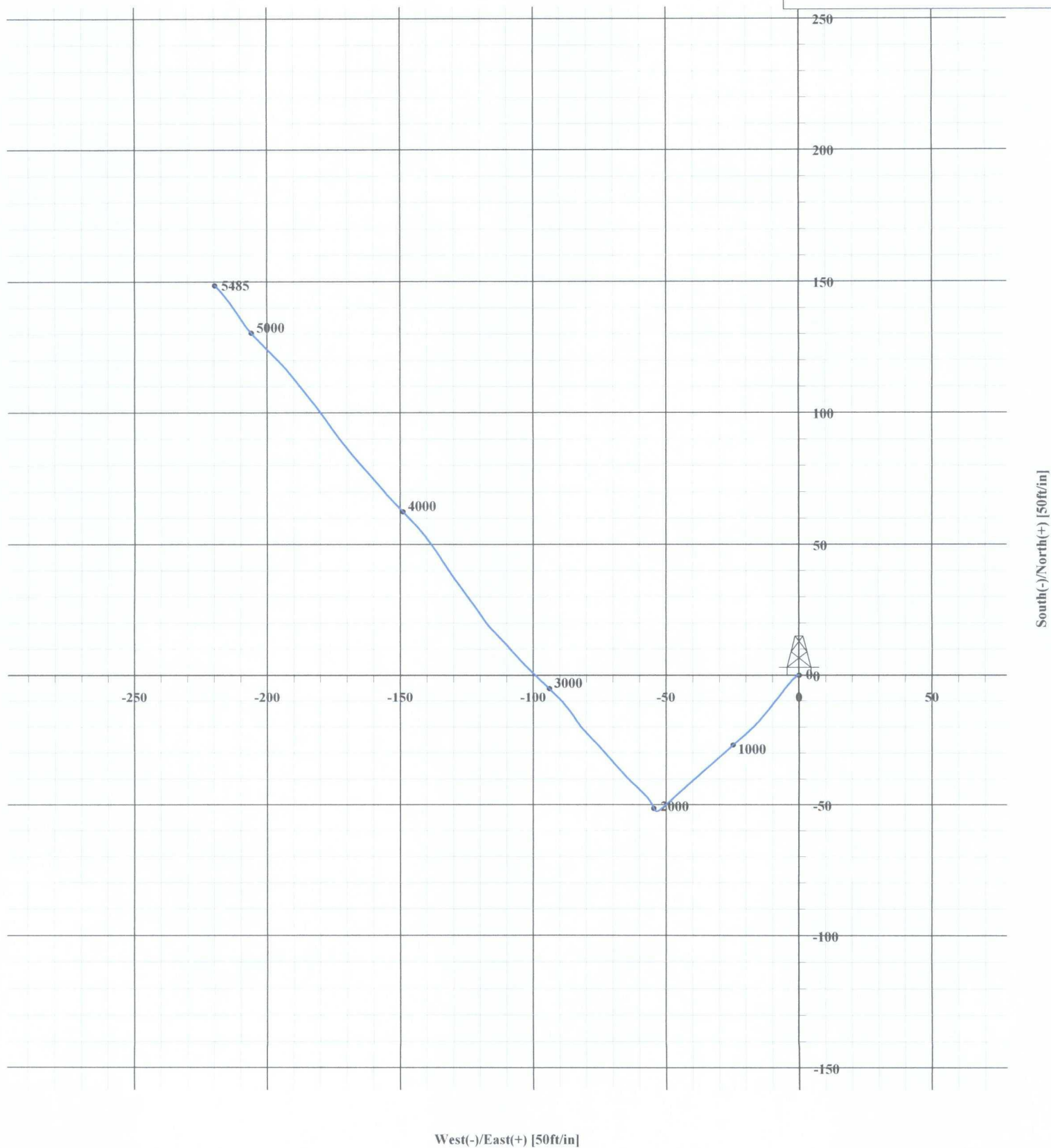
Scientific
Drilling

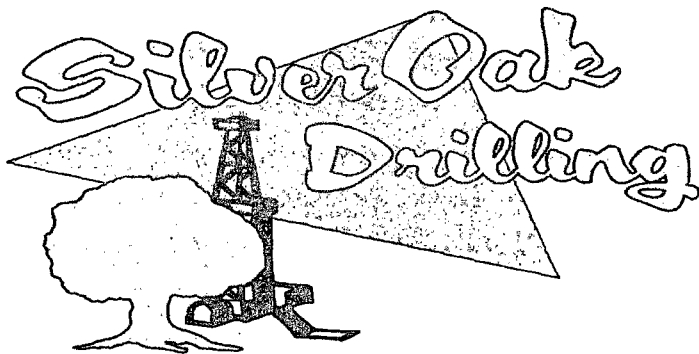
Field: Maljamar
Site: Lea County, NM
Well: MC Federal #15
Survey: 02/19/10-02/24/10



Azimuths to True North
Magnetic North: 0.00°

Strength: 0nT
Date: 2/28/2010
Model: igrf2000





PO Box 1370
Artesia, NM 88211-1370
(575) 748-1288

March 3, 2010

COG, LLC
Fasken Center, Tower II
550 West Texas Ave, Suite 1300
Midland, TX 79701

RE: MC Federal #15
430' FNL & 600' FWL
Sec. 21, T17S, R32E
Lea County, New Mexico

Dear Sir,

The attached is the Deviation Survey for the above captioned well.

Very truly yours,

A handwritten signature in cursive script, appearing to read "Eddie C. LaRue".

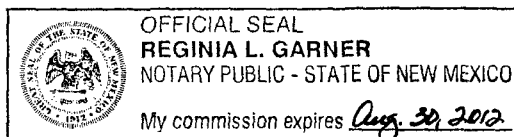
Eddie C. LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 3rd day of March, 2010.

A handwritten signature in cursive script, appearing to read "Regina L. Garner".

Notary Public



Pason DataHub Deviation Survey 2010/03/03 09:42:12

Well Dossier 1266199251 - MC FED 15

#

Depth	Deviation	Direction	TVD
321	0.30	0.00	0.00
813	5.10	0.00	0.00
842	4.20	0.00	882.00
967	3.90	0.00	0.00
1062	4.30	0.00	0.00
1124	4.40	0.00	0.00
1187	4.40	0.00	0.00
1250	4.40	0.00	0.00
1313	4.10	0.00	1353.00
1406	3.20	0.00	1446.00
1500	2.20	0.00	1540.00
1572	1.60	0.00	1635.00
1827	0.40	0.00	1887.00
2142	0.08	68.09	0.00
2205	1.06	337.60	2254.00
2268	2.77	329.50	2317.00
2332	3.87	316.60	2381.00
2459	5.15	317.60	2509.00
2522	5.16	319.40	251.00
2617	4.79	318.70	2613.00
2712	4.35	315.50	2708.25
2805	4.66	327.20	2800.00
2900	4.04	321.10	2895.69
2994	5.17	314.70	2989.39
3098	4.36	313.80	0.00
3166	4.67	316.50	0.00
3228	4.72	319.00	0.00
3324	4.69	316.80	0.00
3388	4.28	316.30	0.00
3395	2.90	317.40	2444.00
3451	4.44	325.60	0.00
3513	5.32	325.40	3506.68
3576	5.40	323.60	3569.40
3671	5.07	324.70	3664.01
3765	4.92	328.30	0.00
3861	5.68	323.90	0.00
3954	5.78	316.90	0.00
4049	5.95	316.20	0.00
4171	5.39	318.20	0.00
4269	4.55	319.20	0.00
4364	4.74	321.20	0.00
4559	4.74	324.70	0.00
4649	5.27	321.00	0.00
4742	5.32	322.90	0.00
4836	5.05	315.70	0.00
4931	5.21	315.70	0.00
4994	4.41	317.40	0.00
5089	3.32	327.30	0.00
5151	3.27	325.70	0.00
5214	3.21	325.10	0.00

Pason DataHub Deviation Survey 2010/03/03 09:42:12
Well Dossier 1266199251 - MC FED 15
#

Depth	Deviation	Direction	TVD
5277	3.25	323.1	0.00
5341	2.86	319.40	0.00
5403	1.90	318.60	0.00
5467	0.33	292.90	0.00
5498	0.22	186.00	0.00
5687	0.80	0.00	5757.00
6189	0.90	0.00	0.00
6380	1.00	0.00	6450.00
6730	0.07	0.00	0.00
7046	0.70	0.00	0.00

Offset Wells to M C Federal #15

API#	Operator	Lease	Well#	County	Legal	Field Name	Reservoir Name	Total Depth	Well Type	Well Status	First Prod.	Last Prod.
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	MALJAMAR	GRAYBURG-SAN ANDRES	4,167	O	Pumping	Jan 1977	Dec 1992
30-025-00601	CONOCO, INC.	MCA UNIT	027	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)		4,167	O	Pumping	Jan 1973	Dec 1976
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		I	Temporarily Abandoned	Nov 1987	Dec 1990
30-025-00602	CONOCO, INC.	MCA UNIT	042	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)			I	Temporarily Abandoned	Jan 1973	Dec 1973
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Jan 1977	Jan 2010
30-025-00603	CONOCOPHILLIPS COMPANY	MCA UNIT	043	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)			O	Pumping	Jan 1973	Dec 1976
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	I	Injection Well	Jan 1963	Jul 1965
30-025-00604	CONOCO, INC.	MCA UNIT	070	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)		0	I	Injection Well		
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,106	PI	Injection Well	Jan 1977	Dec 1992
30-025-00605	CONOCOPHILLIPS COMPANY	MCA UNIT	045	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)		4,106	PI	Injection Well	Jan 1973	Dec 1976
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)		0	O	Pumping	Jan 1973	Dec 1976
30-025-00606	CONOCOPHILLIPS COMPANY	MCA UNIT	047	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	May 1973	Jan 2010
30-025-00607	CONOCOPHILLIPS COMPANY	MCA UNIT	026	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		PI	Injection Well	Jan 1963	Jul 1965
30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)		0	O	Pumping	Jan 1973	Dec 1976

30-025-00608	CONOCOPHILLIPS COMPANY	MCA UNIT	093	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1977	Jan 2010
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,082	O	Pumping	Jan 1964	Jan 2010
30-025-00609	CONOCOPHILLIPS COMPANY	MCA UNIT	092	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,082	O	Pumping	Jan 1973	Dec 1976
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	MALJAMAR	GRAYBURG-SAN ANDRES	4,125	I	Injection Well	Jan 1964	Jan 2010
30-025-00611	CONOCOPHILLIPS COMPANY	MCA UNIT	069	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1964	Jan 2010
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	MALJAMAR	GRAYBURG-SAN ANDRES	4,131	O	Pumping	Jan 1963	Jan 2010
30-025-00612	CONOCOPHILLIPS COMPANY	MCA UNIT	071	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		4,131	O	Pumping	Jan 1969	Dec 1976
30-025-00615	CONOCO, INC.	MCA UNIT	068	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		I	Temporarily Abandoned	Jan 1963	Nov 1963
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	BAISH	YATES		O	Pumping	Jan 1963	Jan 2010
30-025-00619	CONOCOPHILLIPS COMPANY	BAISH A	005	LEA	S:21, T:17S, R:32E	BAISH	YATES		O	Pumping	Jan 1963	Jan 2010
30-025-08031	CONOCOPHILLIPS COMPANY	MCA UNIT	046	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	0	O	Pumping	Jan 1993	Jan 2010
30-025-12707	CONOCOPHILLIPS COMPANY	MCA UNIT	028	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,117	PI	Temporarily Abandoned	Jan 1963	Jul 1965
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	MALJAMAR	GRAYBURG-SAN ANDRES	4,066	O	Active	Jan 1970	Jan 2010
30-025-12797	CONOCO, INC.	MCA UNIT	041	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES		O	Pumping	Apr 1969	Dec 1990
30-025-20522	CONOCOPHILLIPS COMPANY	MCA UNIT	234	LEA	S:21, T:17S, R:32E	MALJAMAR	GRAYBURG-SAN ANDRES	4,100	O	Pumping	Jan 1993	Jan 2010
	CONOCOPHILLIPS				S:21, T:17S,							

30-025-20568	COMPANY	BAISH A	012	LEA	R-32E S-21, T-17S, R-32E	BAISH	WOLFCAMP		O	Pumping	Feb 1964	Jan 2010
30-025-20568	CONOCOPHILLIPS COMPANY	BAISH A	012	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Apr 1964	Jan 2010
30-025-22661	CONOCOPHILLIPS COMPANY	MCA UNIT	245	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Jan 1993	Jan 2010
30-025-23433	CONOCOPHILLIPS COMPANY	MCA UNIT	251	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Jan 1993	Jan 2010
30-025-23660	CONOCO, INC.	MCA UNIT	262	LEA	S-21, T-17S, R-32E	MALJAMAR			I	Pumping		
30-025-24258	CONOCOPHILLIPS COMPANY	MCA UNIT	326	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Jan 1993	Jan 2010
30-025-24267	CONOCOPHILLIPS COMPANY	MCA UNIT	328	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Jan 1993	Jan 2010
30-025-24461	CONOCO, INC.	MCA UNIT	340	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Temporarily Abandoned		
30-025-29854	CONOCOPHILLIPS COMPANY	MCA UNIT	368	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Active	May 1987	Jan 2010
30-025-29959	CONOCOPHILLIPS COMPANY	MCA UNIT	373	LEA	S-21, T-17S, R-32E	MALJAMAR			PO	Pumping	Oct 1987	Aug 2002
30-025-30347	CONOCOPHILLIPS COMPANY	MCA UNIT	379	LEA	S-21, T-17S, R-32E	MALJAMAR			PO	Pumping	Sep 1988	Feb 2007
30-025-34773	COG OPERATING LLC	MC FEDERAL	003	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Apr 2000	Jan 2010
30-025-34933	COG OPERATING LLC	MC FEDERAL	004	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Jun 2000	Jan 2010
30-025-34973	COG OPERATING LLC	MC FEDERAL	5	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Pumping	Apr 2001	Jan 2010
30-025-35252	COG OPERATING LLC	MC FEDERAL	006	LEA	S-21, T-17S, R-32E	MALJAMAR			G	Pumping	Apr 2001	Jan 2010
30-025-00622	CONOCO, INC.	BAISH A	008	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Active	Jan 1963	Dec 1969
30-025-00613	CONOCO, INC.	BAISH A	004	LEA	S-21, T-17S, R-32E	BAISH			O	Active	Dec 1966	Apr 1970
30-025-00620	CONOCO, INC.	BAISH A	006	LEA	S-21, T-17S, R-32E	BAISH			O	Active	Jan 1959	Nov 1969
30-025-12748	CONOCO, INC.	MCA UNIT	029	LEA	S-21, T-17S, R-32E	MALJAMAR			O	Active		
30-025-00614	CONOCO, INC.	MCA UNIT	355	LEA	S-21, T-17S, R-32E	MALJAMAR			I	Unknown		
30-025-22661		MCA UNIT BATTERY 2	245	LEA	S-21, T-17S, R-32E	MALJAMAR GRAYBURG SA REF (ABOLISHED)	GRAYBURG-SAN ANDRES	4,130	O	Pumping	Jan 1969	Dec 1976

30-025-22661	MCA UNIT BATTERY 2	245	LEA	S:21, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,130	O	Pumping	Sep 1968	Dec 1993
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	MALJAMAR		GRAYBURG-SAN ANDRES		O	Active	Jan 1963	Jan 1974
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	MALJAMAR GRAYBURG SA REP(ABOLISHED)		GRAYBURG-SAN ANDRES	0	O	Pumping	Feb 1967	Dec 1974
30-025-23660	MCA UNIT BATTERY 1	262	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		GRAYBURG-SAN ANDRES	4,130	I	Pumping	Jan 1971	Dec 1976
30-025-23660	MCA UNIT BATTERY 1	262	LEA	S:21, T:17S, R:32E	MALJAMAR		GRAYBURG-SAN ANDRES	4,130	I	Pumping	Jan 1977	Oct 1990
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	MALJAMAR		GRAYBURG-SAN ANDRES	4,106	PI	Injection Well	Jan 1963	Jul 1965
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	MALJAMAR		ABO		G	Active	Oct 1963	Dec 1969
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	MALJAMAR		GRAYBURG-SAN ANDRES	4,175	O	Temporarily Abandoned	Jan 1977	May 1991
30-025-24461	MCA UNIT BATTERY 2	340	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REP(ABOLISHED)		GRAYBURG-SAN ANDRES	4,175	O	Temporarily Abandoned	Aug 1973	Dec 1976
	MCA UNIT BATTERY			S:21, T:17S,								

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

30-025-00603	CONTINENTAL OIL COMPANY	UNIT BATTERY 2	043	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS				O	Pumping		Jan 1963	Dec 1971
30-025-12763	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	044	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		4,066		O	Active		Jan 1969	Dec 1971
30-025-12763	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	044	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		4,066		O	Active		Mar 1968	Dec 1968
30-025-08031	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	046	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		0		O	Pumping		Jan 1963	Dec 1971
30-025-00606	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	047	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		0		O	Pumping		Jan 1968	Dec 1968
30-025-00610	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	067	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		4,125		I	Injection Well		Jan 1963	Dec 1971
30-025-00611	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	069	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		0		O	Pumping		Jan 1963	Dec 1968
30-025-00616	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	090	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		4,133		I	Pumping		Jan 1963	Sep 1969
30-025-00609	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	092	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		4,082		O	Pumping		Jan 1963	Dec 1971
30-025-00608	CONTINENTAL OIL COMPANY	MCA UNIT BATTERY 2	093	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESS		0		O	Pumping		Jan 1963	Dec 1971
30-025-00000	BUFFALO OIL COMPANY	BAISH A	17Y	LEA	S:21, T:17S, R:32E	BAISH	WOLFCAMP, NORTH			O	Active		Jan 1952	Dec 1952
30-025-00000	BUFFALO OIL COMPANY	BAISH A	18Y	LEA	S:21, T:17S, R:32E	BAISH	WOLFCAMP, NORTH			O	Active		Jan 1952	Dec 1957
30-025-00000	BUFFALO OIL COMPANY	BAISH A	19Y	LEA	S:21, T:17S, R:32E	BAISH	WOLFCAMP, NORTH			O	Active		Jan 1952	Dec 1957
30-025-00000	BUFFALO OIL COMPANY	BAISH A	22Y	LEA	S:21, T:17S, R:32E	BAISH	WOLFCAMP, NORTH			O	Active		Jun 1952	Dec 1957
30-025-00000	BUFFALO OIL COMPANY	BAISH A	23Y	LEA	S:21, T:17S, R:32E	BAISH	WOLFCAMP, NORTH			O	Active		Jun 1952	Dec 1957
30-025-00000	BUFFALO OIL COMPANY	BAISH A	001	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				O	Active		Dec 1947	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH A	002	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				G	Active		Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH A	003	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				O	Active		Jan 1945	Dec 1962

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

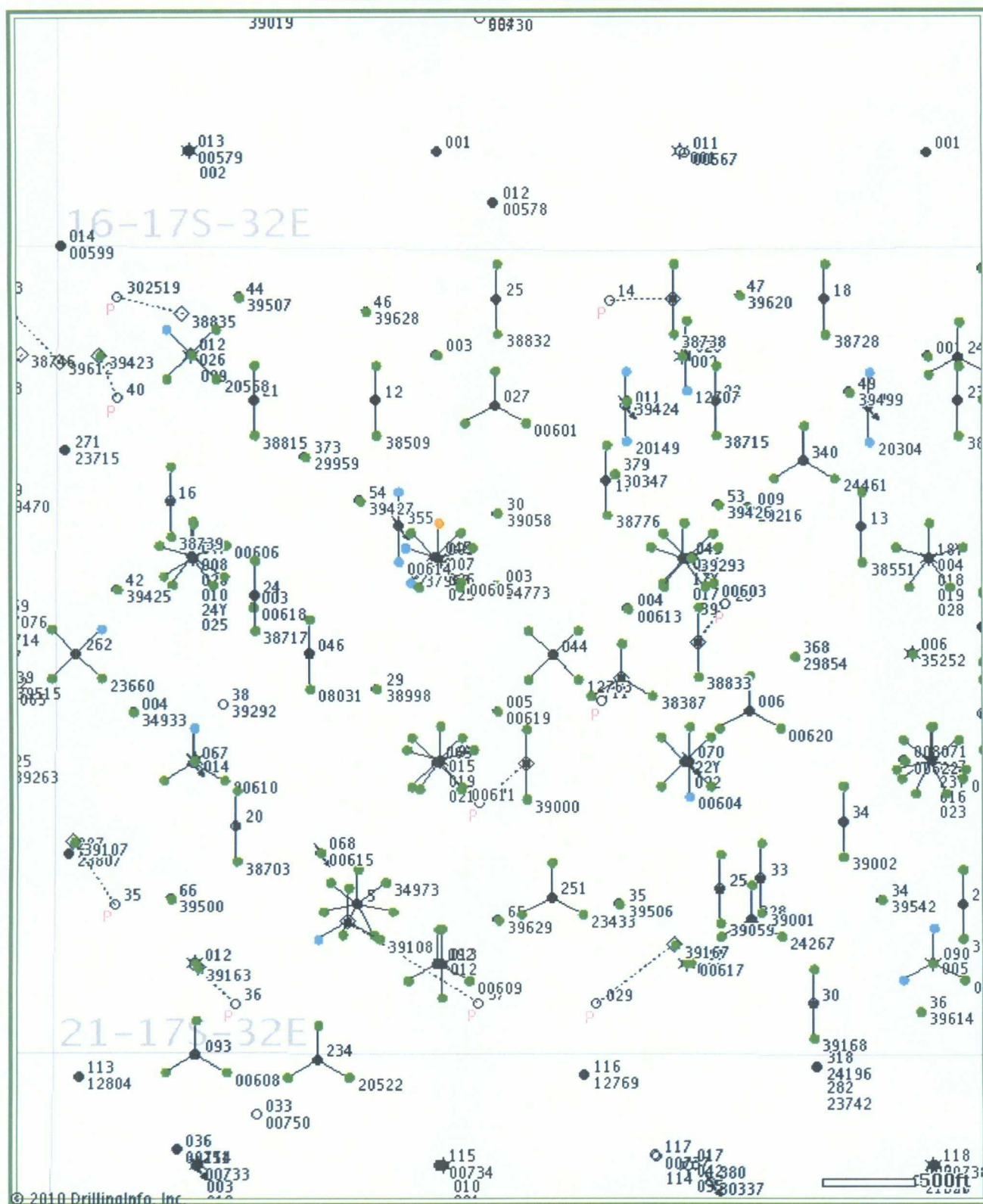
30-025-00000	BUFFALO OIL COMPANY	BAISH A	009	LEA	T:17S, R:32E	MALJAMAR REPRESSURING				G	Active		Jan 1945	Dec 1962
30-025-00000	BUFFALO OIL COMPANY	BAISH A	021	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING				G	Active		Jan 1953	Dec 1962
30-025-00000	BUFFALO OIL CO.	BAISH A	010	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING				O	Active		Jan 1949	Dec 1949
30-025-00000	BUFFALO OIL CO.	BAISH A	012	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				O	Active		Jan 1948	Dec 1948
30-025-00000	BUFFALO OIL COMPANY	BAISH A	24Y	LEA	S:21, T:17S, R:32E	BAISH POOL				O	Active		Jul 1952	Dec 1952
30-025-23660	CONTINENTAL OIL CO	MCA UNIT BATTERY 2	262	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES			4,130	I	Pumping		Jan 1971	Dec 1971
30-025-00612	CONTINENTAL OIL CO	MCA UNIT BATTERY 3	071	LEA	S:21, T:17S, R:32E	MALJAMAR GRAYBURG SA REPRES			4,131	O	Pumping		Jan 1965	Dec 1971
30-025-00000	BUFFALO OIL COMPANY	BAISH A	025	LEA	S:21, T:17S, R:32E	PLUGGED & ABANDONED				O	Active		Jan 1954	May 1954
30-025-00000	CONTINENTAL OIL CO	BAISH A FED	027	LEA	S:21, T:17S, R:32E	MALJAMAR ABO DEPTH RANGE				G	Active		Jan 1960	Dec 1961
30-025-00000	CONTINENTAL OIL	BAISH A Y FED	022	LEA	S:21, T:17S, R:32E	BAISH BLINEBRY				O	Active		Jan 1958	Dec 1961
30-025-00000	CONTINENTAL OIL CO	BAISH A Y FED	023	LEA	S:21, T:17S, R:32E	BAISH BLINEBRY				O	Active		Jan 1958	Dec 1961
30-025-00000	BUFFALO OIL CO.	BAISH A	005	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				O	Active		Jan 1948	Dec 1948
30-025-00620	BUFFALO OIL CO.	BAISH A	006	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				O	Active		Jan 1948	Dec 1948
30-025-00000	BUFFALO OIL CO.	BAISH A	007	LEA	S:21, T:17S, R:32E	MALJAMAR REPRESSURING POOL				G	Active		Jan 1948	Dec 1948
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	022	LEA	S:21, T:17S, R:32E	BAISH	YATES			O	Active		Jan 1959	Dec 1962
30-025-00000	CONTINENTAL OIL CO HOBBS DIST	BAISH A FED	023	LEA	S:21, T:17S, R:32E	BAISH	YATES			O	Active		Jan 1959	Dec 1962
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	S:21, T:17S, R:32E	MALJAMAR	PADDOCK		7,015	O	Active Permit		Sep 2007	Jan 2010
30-025-38509	COG OPERATING LLC	MC FEDERAL	12	LEA	S:21, T:17S, R:32E	MALJAMAR	PADDOCK		7,012	O	Active Permit		Nov 2007	Jan 2010
30-025-38387	COG OPERATING LLC	MC FEDERAL	11	LEA	S:21, T:17S, R:32E	WILDCAT G-02 S173222E	YESO		7,015	O	Active Permit		Aug 2007	Jan 2008
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			
	HANAGAN	PRE-			S:21,									

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	MALJAMAR	PADDOCK	7,125	O	Active Permit	Dec 2007	Jan 2010
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	MALJAMAR (PADDOCK)	PADDOCK	7,400	PO	Active Permit	Apr 2008	Jan 2010
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	MALJAMAR (PADDOCK)	PADDOCK	7,350	PO	Active Permit	Jun 2008	Jan 2010
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	MALJAMAR (PADDOCK)	PADDOCK	7,039	O	Active Permit	Jun 2008	Jan 2010
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	MALJAMAR (PADDOCK)	PADDOCK	7,042	O	Active Permit	Sep 2008	Jan 2010
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	MALJAMAR (PADDOCK)	PADDOCK	7,015	O	Active Permit	Oct 2008	Jan 2010
30-025-38716	COG OPERATING LLC	MC FEDERAL	23	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	6,999	O	Active Permit	Nov 2008	Jan 2010
30-025-38998	COG OPERATING LLC	MC FEDERAL	29	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit	Dec 2008	Jan 2010
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	MALJAMAR (PADDOCK)	PADDOCK	7,021	O	Active Permit	Feb 2009	Jan 2010

30-025-39001	LLC	FEDERAL	33	LEA	R:32E S:21, T:17S, R:32E	MALJAMAR, YESO, WEST		7,138	O	Active Permit		
30-025-39108	COG OPERATING LLC	MC FEDERAL	37	LEA	S:21, T:17S, R:32E	MALJAMAR	DEVONIAN, WEST	7,197	O	Active Permit		
30-025-38996	COG OPERATING LLC	MC FEDERAL	27	LEA	S:21, T:17S, R:32E	MALJAMAR	DEVONIAN, WEST	7,012	O	Active Permit		
30-025-39108	TEST	TEST	37	LEA	S:21, T:17S, R:32E	TEST		7,197	O	Active Permit		
30-025-39001	COG OPERATING LLC	MC FEDERAL	33	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,138	O	Active Permit	Nov 2009	Jan 2010
30-025-39000	COG OPERATING LLC	MC FEDERAL	32	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,042	O	Active Permit	Nov 2009	Jan 2010
30-025-39002	COG OPERATING LLC	MC FEDERAL	34	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,033	O	Active Permit	Nov 2009	Jan 2010
30-025-38996	COG OPERATING LLC	MC FEDERAL	27	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,012	O	Active Permit	Dec 2009	Jan 2010
30-025-39108	COG OPERATING LLC	MC FEDERAL	37	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,197	O	Active Permit	Dec 2009	Jan 2010
30-025-39500	COG OPERATING LLC	MC FEDERAL	66	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,200	PO	Active Permit		
30-025-39499	COG OPERATING LLC	MC FEDERAL	49	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39482	COG OPERATING LLC	MC FEDERAL	48	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39629	COG OPERATING LLC	MC FEDERAL	65	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39628	COG OPERATING LLC	MC FEDERAL	46	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK		PO	Active Permit		
30-025-39620	COG OPERATING LLC	MC FEDERAL	47	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39619	COG OPERATING LLC	MC FEDERAL	45	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39614	COG OPERATING LLC	J C FEDERAL	36	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39427	COG OPERATING LLC	MC FEDERAL	54	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39426	COG OPERATING LLC	MC FEDERAL	53	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39425	COG OPERATING LLC	MC FEDERAL	42	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,050	PO	Active Permit		
30-025-39424	COG OPERATING LLC	MC FEDERAL	41	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,050	PO	Active Permit		

30-025-39423	COG OPERATING LLC	MC FEDERAL	40	LEA	T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,013	PO	Active Permit		
30-025-39542	COG OPERATING LLC	J C FEDERAL	34	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39507	COG OPERATING LLC	MC FEDERAL	44	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39506	COG OPERATING LLC	J C FEDERAL	35	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39293	COG OPERATING LLC	MC FEDERAL	39	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		
30-025-39167	COG OPERATING LLC	J C FEDERAL	029	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,100	PO	Active Permit		
30-025-39107	COG OPERATING LLC	MC FEDERAL	35	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,022	PO	Active Permit		
30-025-39058	COG OPERATING LLC	MC FEDERAL	30	LEA	S:21, T:17S, R:32E	MALJAMAR (PADDOCK)	PADDOCK	7,000	PO	Active Permit		

Offset Wells to M C Federal #15



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SENDER: COMPLETE THIS SECTION		COMPLETE THIS SECTION ON DELIVERY	
☐ 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		A. Signature <u><i>R. Phillips</i></u> ☐ Agent ☐ Addressee B. Received by (Printed Name) <u>R. Phillips</u> ☐ Date of Delivery <u>4/15/10</u> 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 ☒ No	
2. Article Number (Transfer from service label) <u>7009 2250 0001 0942 4261</u> PS Form 3811, February 2004		Domestic Return Receipt 10295-000-10-40	

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

April 13, 2010

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, West oil well.

**M C FEDERAL #15
Lea County, NM**

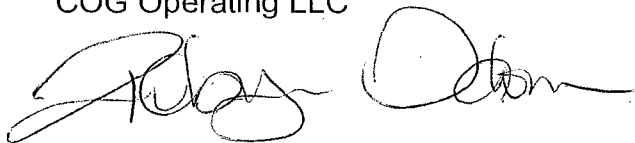
Non-Standard Location:

SHL: 430' FNL & 600' FWL	Sec 21, T17S, R32E
BHL: 281' FNL & 380' FWL	Sec 21, T17S, R32E

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 M. Odom', is written over the printed name.

Robyn M. Odom
Regulatory Analyst

Brooks, David K., EMNRD

From: Brooks, David K., EMNRD
Sent: Monday, May 10, 2010 10:01 AM
To: 'Robyn Odom'
Subject: MC Federal #15; NSL Application

Dear Ms. Odom

Upon review of this application I noticed that it does not state any reason why this well was drilled to an unorthodox bottom-hole location. Rule 15.13.C requires that the application contain "information evidencing the need for the exception."

Please advise as to the reasons why this well was deviated outside the setbacks, or if the deviation was unintended.

Sincerely

David K. Brooks
Legal Examiner

Brooks, David K., EMNRD

From: Robyn Odom [rodom@conchoresources.com]
Sent: Monday, May 10, 2010 1:13 PM
To: Brooks, David K., EMNRD
Subject: RE: MC Federal #15; NSL Application

Dear Mr. Brooks,

I'm sorry that I accidentally left the reason for the unorthodox BHL off the explanation letter. The reason that the BHL ended up being drilled to a non-standard location was due to a surveyor error which made the directional plan wrong. This error was not caught until after we had drilled and completed the well. Please let me know if you need any more information or have any questions. Have a great day!

Thank you,

Robyn Odom
(432) 685-4385

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From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]
Sent: Monday, May 10, 2010 11:01 AM
To: Robyn Odom
Subject: MC Federal #15; NSL Application

Dear Ms. Odom

Upon review of this application I noticed that it does not state any reason why this well was drilled to an unorthodox bottom-hole location. Rule 15.13.C requires that the application contain "information evidencing the need for the exception."

Please advise as to the reasons why this well was deviated outside the setbacks, or if the deviation was unintended.

Sincerely

David K. Brooks
Legal Examiner

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