

DATE IN <u>8.3.11</u>	SUSPENSE	ENGINEER <u>DB</u>	LOGGED IN <u>8.3.11</u>	TYPE <u>NSL</u>	APP NO <u>1121549835</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



C06

Taylor D #19

ADMINISTRATIVE APPLICATION CHECKLIST

30-025-40204

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]

6456

[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
2011 AUG - 3 P 12:50

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

[A] ☐ Working, Royalty or Overriding Royalty Interest Owners

[B] ☒ Offset Operators, Leaseholders or Surface Owner

[C] ☐ Application is One Which Requires Published Legal Notice

[D] ☐ Notification and/or Concurrent Approval by BLM or SLO
U S Bureau of Land Management - Commissioner of Public Lands, State Land Office

[E] ☒ For all of the above, Proof of Notification or Publication is Attached, and/or,

[F] ☐ Waivers are Attached

[3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE.

[4] CERTIFICATION: I hereby certify that the information submitted with this application for administrative approval is **accurate** and **complete** to the best of my knowledge. I also understand that **no action** will be taken on this application until the required information and notifications are submitted to the Division.

Note: Statement must be completed by an individual with managerial and/or supervisory capacity.

Kelly J. Holly
 Print or Type Name

Signature

Permitting Tech
 Title

8-1-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

Taylor D #19
Lea County, NM

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

Location:
1590' FSL & 330' FWL Sec 10, T17S, R32E, Unit L

This well had to be drilled at a non-standard location due to road being too close to original location.

The plan for this well is to complete it in the Yeso formation.
We won't know the exact perms until we drill & log it, but it will be very similar to the J C Federal #9 (1650' FNL & 1650' FEL, Section 22, T17S, R32E, UL G) which was completed in October 2007.

The J C Federal #9 completion has Yeso perms from 5478' – 6535', divided into 3 perf/stimulation intervals.

1st interval: 5478' – 5840',
acidized w/ 3000 gals,
frac'd w/ 42,294 gals 40# linear gel; 38,096 gal 30# linear gel; 7,382# LiteProp; 22,049# 16/30 white; 21,873# SiberProp resin coated; Flush w/5,292 gal linear gel.

2nd interval: 6055' – 6255',
acidized w/ 5342 gals,
frac'd w/ 50,048# gal gel & 61,612 gals 16/30 sand.

3rd interval: 6335' – 6535',
acidized w/ 5000 gals,
frac'd w/ 49,601# gal gel & 45,586 gals 16/30 sand.

Attachment 1
Plat & map

Attachment 2
Map & legend of offset wells.

Attachment 3
Updated land plat showing COG Operating LLC acreage.
The acreage we are encroaching is the SW/4 SW/4 of Section 10 and SE/4 SE/4 of Section 9.

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
11885 S. ST. FRANCIS DR., SANTA FE, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised July 16, 2010
Submit to Appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025	Pool Code 44500	Pool Name <i>Maljamar; Yeso, West</i>
Property Code 37687	Property Name TAYLOR D	Well Number 19
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4112'

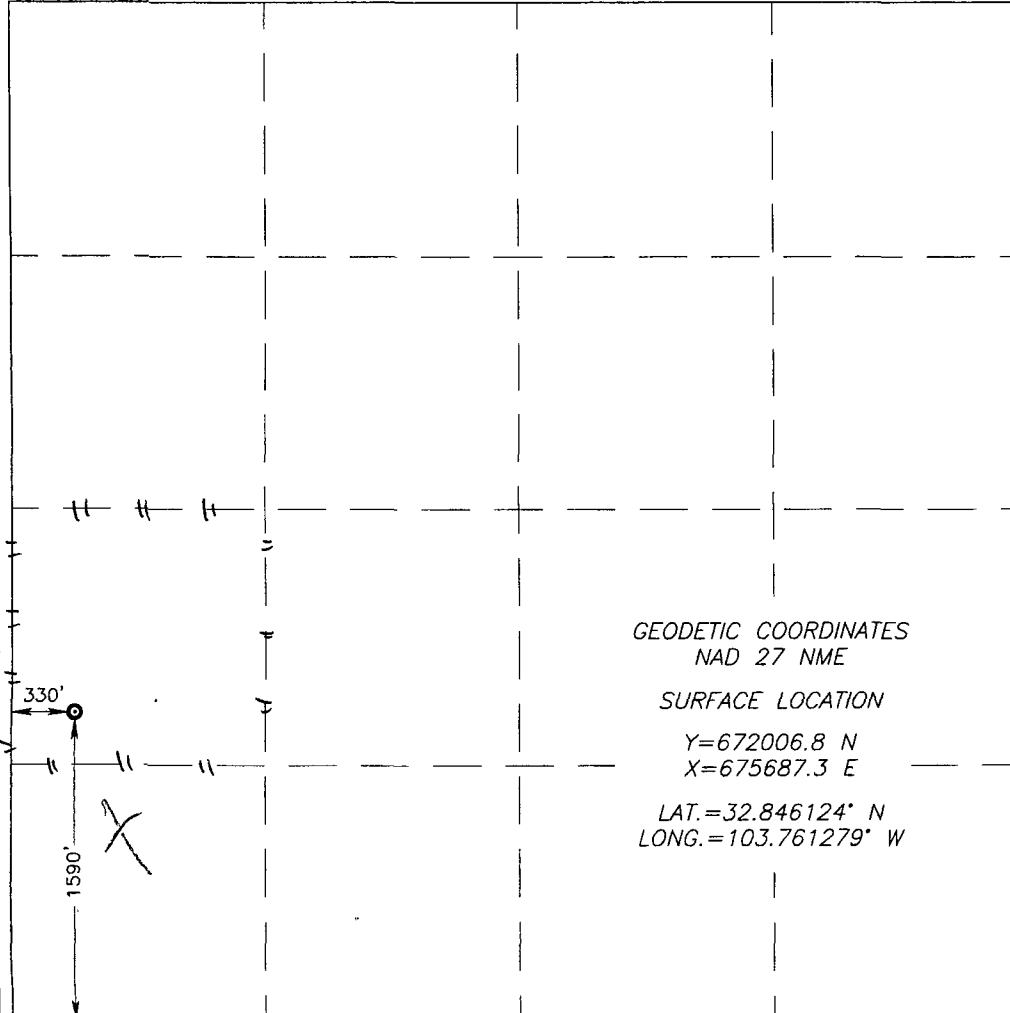
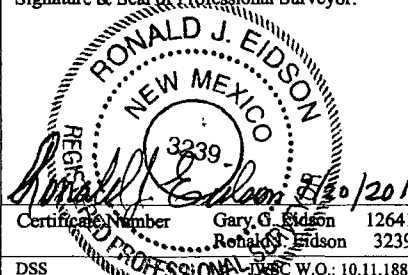
Surface Location

UL or lot No. L	Section 10	Township 17-S	Range 32-E	Lot Idn	Feet from the 1590	North/South line SOUTH	Feet from the 330	East/West line WEST	County LEA
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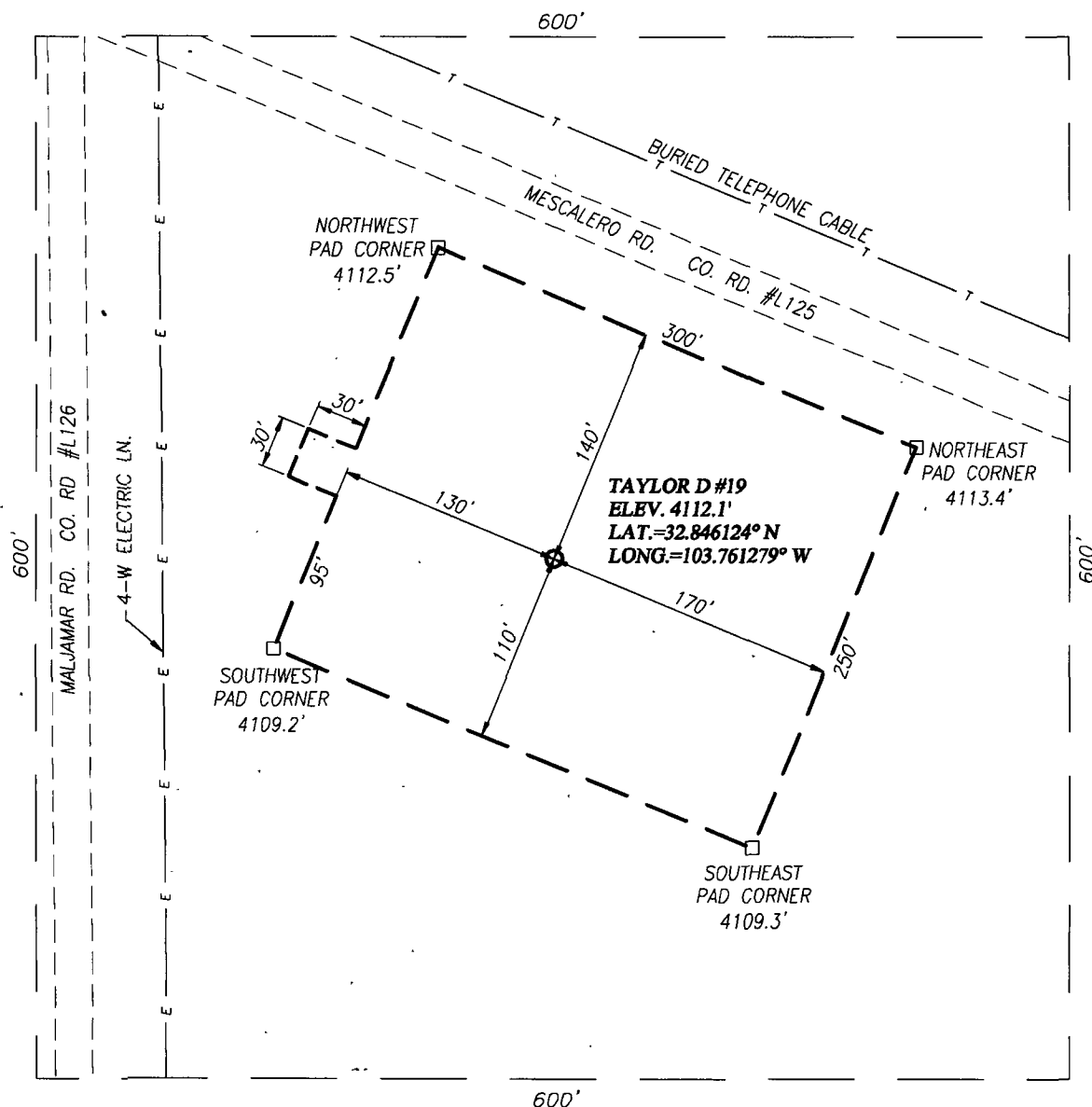
Bottom Hole Location If Different From Surface

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

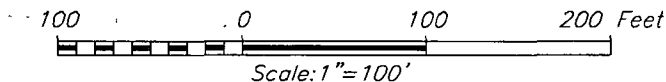
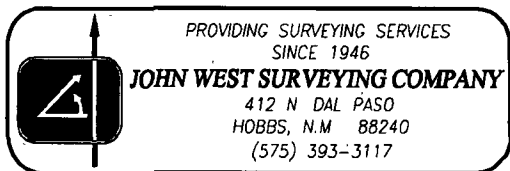
 GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=672006.8 N X=675687.3 E LAT.=32.846124° N LONG.=103.761279° W	OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. <i>Kelly J. Holly</i> 7-27-11 Signature Date Kelly J. Holly Printed Name kholly@concho.com E-mail Address
	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. JULY 7, 2011 Date of Survey Signature & Seal of Professional Surveyor:  Certificate Number Gary G. Eidson 12641 Ronald J. Eidson 3239 DSS REG. PROFESSIONAL SURVEYOR W.O.: 10.11.1883

SECTION 10, TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.
LEA COUNTY NEW MEXICO



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #L126 (MALJAMAR ROAD), GO SOUTH ON CO. RD. #L126 APPROX. 0.6 MILES. TURN LEFT ON CO. RD. #L125 (MESCALERO RD.) AND GO SOUTHEAST APPROX. 385 FEET THIS LOCATION STAKE IS APPROX. 188 FEET SOUTH OF ROAD.



COG OPERATING, LLC

TAYLOR D #19 WELL
LOCATED 1590 FEET FROM THE SOUTH LINE
AND 330 FEET FROM THE WEST LINE OF SECTION 10,
TOWNSHIP 17 SOUTH, RANGE 32 EAST, N.M.P.M.,
LEA COUNTY, NEW MEXICO

Survey Date: 7/7/11	Sheet 1 of 1 Sheets
W.O. Number: 10.11.1883	Dr By: DSS
Date: 7/15/11	10111883
	Scale: 1"=100'

Producing Wells in Sec 10, T17S, R32E, Lea County

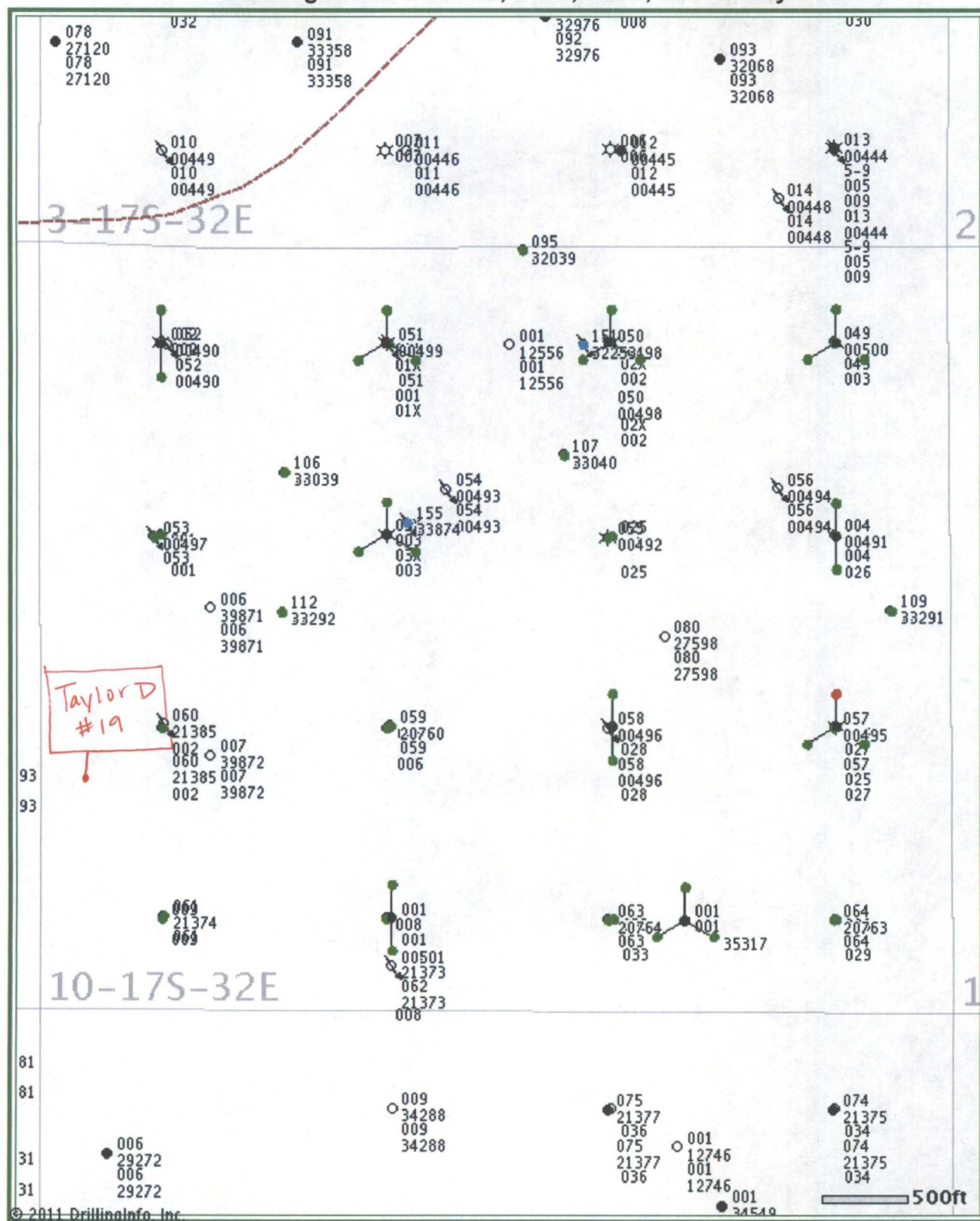
API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-025-20760	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	059	LEA	S:10, T:17S, R:32E		PO	Temporarily Abandoned	Jan 1967	Dec 1985	0.00
30-025-21374	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	061	LEA	S:10, T:17S, R:32E	4,200	PO	Shut-in	Jan 1967	Aug 2004	0.00
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	025	LEA	S:10, T:17S, R:32E		G	Active	Sep 1962	Dec 1962	0.00
30-025-00000	SINCLAIR OIL AND GAS CO	ILES X FEDERAL	008	LEA	S:10, T:17S, R:32E		AP	Unknown	Jul 1965	Apr 1966	0.10
30-025-33292	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	112	LEA	S:10, T:17S, R:32E	4,450	O	Pumping	Jun 1996	Mar 2010	0.19
30-025-20764	WISER OIL CO (THE)	MALJAMAR GRAYBURG UNIT	063	LEA	S:10, T:17S, R:32E		O	Temporarily Abandoned	Jan 1967	Jul 1974	0.29
30-025-00495	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	057	LEA	S:10, T:17S, R:32E	0	O	Active	Jan 1967	Aug 2010	0.45
30-025-33040	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	107	LEA	S:10, T:17S, R:32E	4,450	O	Pumping	Jun 1996	Mar 2011	0.52
30-025-33291	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	109	LEA	S:10, T:17S, R:32E	4,400	O	Pumping	Sep 1996	Apr 2010	0.67
30-025-32039	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	095	LEA	S:10, T:17S, R:32E	4,406	O	Pumping	Aug 1993	Dec 2009	0.84
30-025-33039	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	106	LEA	S:10, T:17S, R:32E	4,425	O	Active	Mar 1996	Apr 2011	0.90
30-025-00000	BOLLER & NICHOLS	ILES	002	LEA	S:10, T:17S, R:32E		G	Active	Nov 1946	Dec 1960	0.90
30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	003	LEA	S:10, T:17S, R:32E		G	Active	Jan 1961	Jan 1963	1.00
30-025-00000	SINCLAIR OIL AND GAS CO	A C TAYLOR H	002	LEA	S:10, T:17S, R:32E		AP	Unknown	May 1965	Apr 1966	1.07
30-025-00491	BOLLER & NICHOLS	ILES	004	LEA	S:10, T:17S, R:32E		O	Active	Feb 1948	Apr 1955	1.13
					S:10,						

30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	002	LEA	T:17S, R:32E		G	Active	Jan 1961	Mar 1962	1.26
30-025-00000	BOLLER & NICHOLS	ILES	003	LEA	S:10, T:17S, R:32E		O	Active	Jun 1947	Dec 1960	1.65
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	003	LEA	S:10, T:17S, R:32E		O	Active	Jan 1963	Dec 1966	1.90
30-025-00500	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	049	LEA	S:10, T:17S, R:32E		O	Active	Jan 1967	Mar 1967	2.00
30-025-00000	BOLLER & NICHOLS	ILES	002	LEA	S:10, T:17S, R:32E		G	Active	Aug 1946	Dec 1960	2.23
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL BATTERY 3	033	LEA	S:10, T:17S, R:32E		AP	Unknown	Jan 1965	Dec 1966	2.90
30-025-00000	BOLLER & NICHOLS	ILES	003	LEA	S:10, T:17S, R:32E		G	Active	Jan 1952	Dec 1960	2.94
30-025-20763	CHEVRON U S A INC	MALJAMAR GRAYBURG UNIT	064	LEA	S:10, T:17S, R:32E		O	Active	Jan 1967	Dec 1971	3.39
30-025-35317	DEVON ENERGY PRODUCTION COMPANY, LP	MALJAMAR 10 FEDERAL	001	LEA	S:10, T:17S, R:32E	12,700	O	Flowing	Oct 2004	Apr 2011	3.43
30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	002	LEA	S:10, T:17S, R:32E		G	Active	Jan 1961	Nov 1962	3.73
30-025-35317	DEVON ENERGY PRODUCTION COMPANY, LP	MALJAMAR 10 FEDERAL	001	LEA	S:10, T:17S, R:32E	12,700	O	Flowing	Dec 2002	Apr 2011	4.60
30-025-00501	WALSH & WATTS INC	ILES FEDERAL	001	LEA	S:10, T:17S, R:32E	11,713	O	Pumping	Jan 1963	May 2011	4.68
30-025-00000	SINCLAIR OIL AND GAS CO	ILES X FEDERAL	009	LEA	S:10, T:17S, R:32E		AP	Unknown	Jul 1965	Dec 1966	4.97
30-025-00000	BOLLER & NICHOLS	ILES	02X	LEA	S:10, T:17S, R:32E		O	Active	Jan 1949	Dec 1953	6.42
30-025-00000	BOLLER & NICHOLS	ILES	03X	LEA	S:10, T:17S, R:32E		O	Active	Jan 1951	Dec 1953	6.42
30-025-00000	BOLLER & NICHOLS	ILES	001	LEA	S:10, T:17S, R:32E		G	Active	Jan 1950	Dec 1960	6.58
30-025-00492	SINCLAIR OIL AND GAS CO.	MALJAMAR GRAYBURG UNIT	055	LEA	S:10, T:17S, R:32E		G	Active	Jan 1967	Dec 1969	9.87
					S:10,						

30-025-00000	SINCLAIR OIL AND GAS CO	ILES X FEDERAL	006	LEA	T:17S, R:32E		AP	Unknown	Jan 1965	Dec 1966	10.52
30-025-00000	NICHOLS LEONARD	A C TAYLOR H	001	LEA	S:10, T:17S, R:32E		O	Active	Dec 1962	Dec 1966	12.61
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	027	LEA	S:10, T:17S, R:32E		O	Active	Jan 1963	Dec 1966	13.87
30-025-00000	BOLLER, RUTLEDGE & NICHOLS	ILES	01X	LEA	S:10, T:17S, R:32E		O	Active	May 1946	Dec 1951	17.03
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	025	LEA	S:10, T:17S, R:32E		O	Active	Jan 1963	Dec 1966	29.74
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	027	LEA	S:10, T:17S, R:32E		O	Active	Dec 1962	Dec 1962	30.84
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	028	LEA	S:10, T:17S, R:32E		O	Active	Dec 1962	Dec 1962	30.84
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	028	LEA	S:10, T:17S, R:32E		O	Active	Jan 1963	Dec 1963	31.55
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	003	LEA	S:10, T:17S, R:32E		O	Active	Jan 1961	Dec 1962	37.00
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPT 3	026	LEA	S:10, T:17S, R:32E		O	Active	Jan 1963	Dec 1963	41.00
30-025-00000	NICHOLS LEONARD	ILES X FEDERAL	001	LEA	S:10, T:17S, R:32E		G	Active	Jan 1961	Dec 1966	42.03
30-025-00501	PAN AMERICAN PETROLEUM CORP	NORTH MALJAMAR DEEP UNIT	001	LEA	S:10, T:17S, R:32E	11,713	O	Pumping	Nov 1962	Dec 1962	43.23
30-025-35317	DEVON ENERGY PRODUCTION COMPANY, LP	MALJAMAR 10 FEDERAL	001	LEA	S:10, T:17S, R:32E	12,700	O	Flowing	Dec 2001	Nov 2002	54.47
30-025-00000	NICHOLS LEONARD	ILES FEDERAL REPORT NO 2	026	LEA	S:10, T:17S, R:32E		O	Active	Sep 1962	Dec 1962	61.65
30-025-00000	SINCLAIR OIL AND GAS CO	ILES FEDERAL BATTERY 3	029	LEA	S:10, T:17S, R:32E		AP	Unknown	Jan 1965	Dec 1966	65.42
30-025-00497	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	053	LEA	S:10, T:17S, R:32E	0	I	Injection Well	Jan 1967	Jan 2009	
30-025-00499	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	051	LEA	S:10, T:17S, R:32E	4,233	I	Injection Well	Jan 1967	Oct 2008	
					S:10,						

30-025-32253	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	151	LEA	T:17S, R:32E	4,435	I	Injection Well	Jan 2001	Apr 2011	
30-025-33874	FOREST OIL CORPORATION	MALJAMAR GRAYBURG UNIT	155	LEA	S:10, T:17S, R:32E	4,207	I	Injection Well	Jan 2001	Apr 2011	

Producing Wells in Sec 10, T17S, R32E, Lea County



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