

DATE IN 1.5.12	SUSPENSE	ENGINEER DKB	LOGGED IN 1.5.12	TYPE NSL	APP NO. 1200552792
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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

Tex Mad 11 Feb # 28

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

6548

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 _____

D-11-175-31E

[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.

Kelly J. Holly
 Print or Type Name

Signature

Permitting Tech
 Title

1-4-12
 Date

(432) 685-4384
 Phone Number

kholly@concho.com
 E-mail Address

**Tex Mack 11 Federal #28
Eddy County, NM**

VERTICAL MAR LOCO; Glorieta Yeso oil well
TD of approximately 6800'

Non-Standard Location:

960' FNL & 1035' FWL Sec 11, T17S, R31E, Unit D

Non-standard location due to sand dune lizard habitat.

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 similar to the

Willow State #8
330 FSL & 1650 FEL, Section 16, T17S, R31E, UL O
drilled in March 2006

The Willow State #8 Yeso completion has overall perforations from 5380.5' – 5845.5', but is divided into 2 perf/stimulation intervals. At this time, we assume the Tex-Mack 11 Federal 35 will be very similar.

1st Interval: 5650' – 5845.5', 67 total holes.
acidized w/ 2265 gals acid,
frac'd w/ 8000# LiteProp, 30,000 gals 30# gel, 54,663 gals 40# gel, & 90,560#
16/30 sand

2nd Interval: 5380.5' – 5544', 56 total holes.
acidized w/ 2550 gals acid,
frac'd w/ 8006# LiteProp, 30,000 gals 30# gel, 53,000 gals 40# gel, & 91,740#
16/30 sand

Attachment 1

Plat and map

Attachment 2

Map and legend of offset wells.

Attachment 3

Updated land plat showing that COG owns offset acreage.

The acreage we are encroaching on is the NE/4 NW/4 of Section 11.
COG Operating LLC owns all of Section 11.

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

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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 August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015	Pool Code 97866	Pool Name MAR LOCO-Glorieta-Yeso
Property Code 37516	Property Name TEX MACK 11 FEDERAL	Well Number 28
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3952'

Surface Location

UL or lot No. D	Section 11	Township 17-S	Range 31-E	Lot Idn	Feet from the 960	North/South line NORTH	Feet from the 1035	East/West line WEST	County EDDY
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Bottom Hole Location If Different From Surface

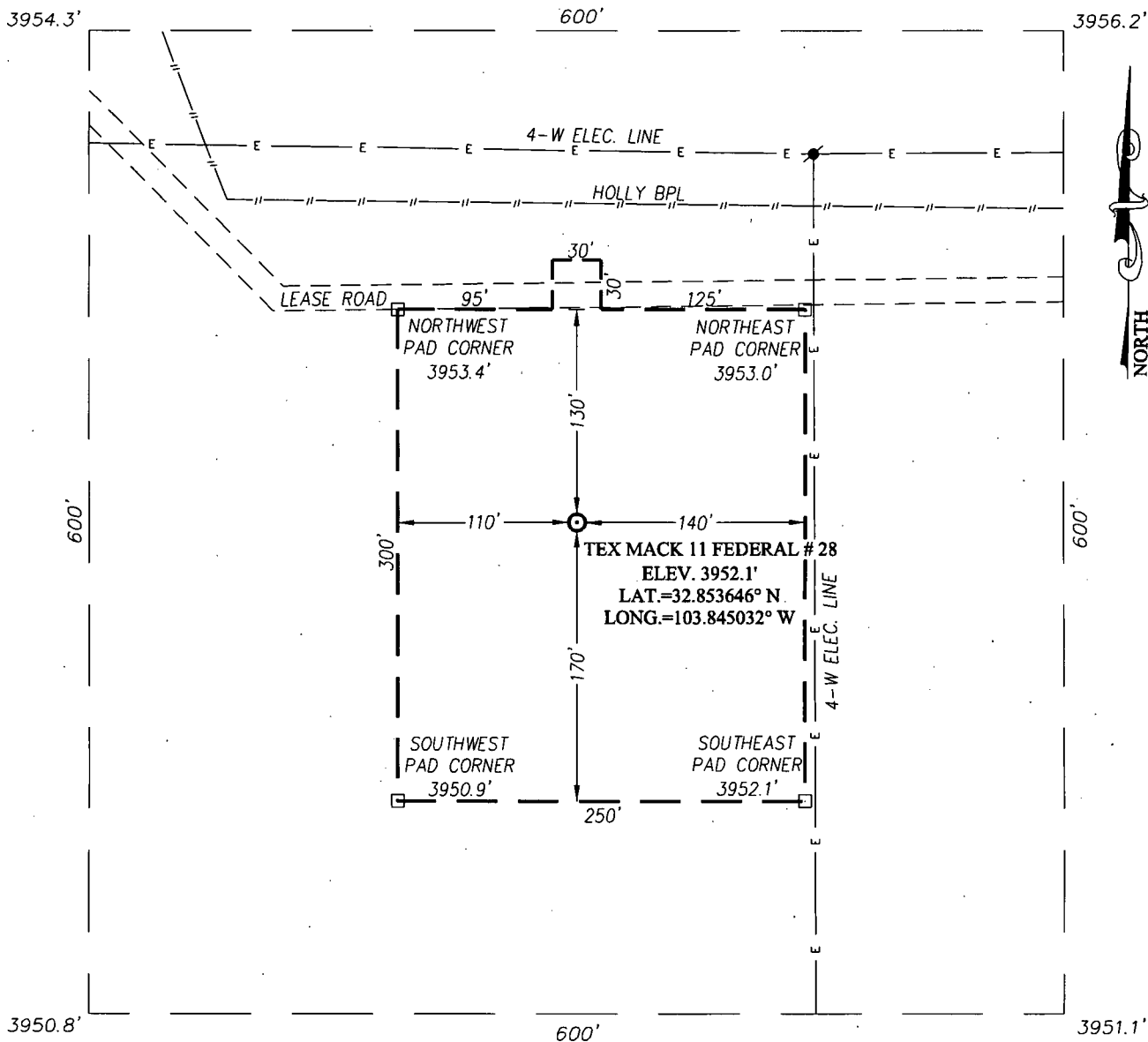
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 40	Joint or Infill	Consolidation Code	Order No.						

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

		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. 1-3-2012 Signature Date Kelly J. Holly Printed Name kholly@concho.com E-mail Address
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=674614.4 N X=649952.5 E LAT.=32.853646° N LONG.=103.845032° W		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. NOVEMBER 21, 2011 Date of Survey Signature & Seal of Professional Surveyor: Certificate Number: Gary G. Eidson 12641 Ronald J. Eidson 3239 AF JWSC W.O.: 11.11.2214

SECTION 11, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.

EDDY COUNTY NEW MEXICO

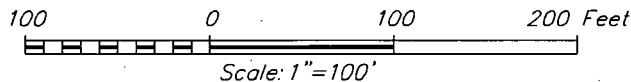


DIRECTIONS TO LOCATION

FROM THE INTERSECTION U.S. HWY. #82 AND C.R. #223 (SWEET GUM) GO NORTHEAST ON U.S. HWY. #82 APPROX. 1.5 MILES. TURN LEFT AND GO NORTHWEST APPROX. 0.3 MILES. TURN RIGHT AND GO NORTH APPROX. 0.3 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.5 MILES. VEER LEFT AND GO NORTH APPROX. 1.5 MILES. TURN LEFT AND GO WEST APPROX. 0.2 MILES. THIS LOCATION STAKE IS APPROX. 140 FEET SOUTH OF THE LEASE ROAD.



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



COG OPERATING, LLC

TEX MACK 11 FEDERAL #28 WELL
LOCATED 960 FEET FROM THE NORTH LINE
AND 1035 FEET FROM THE WEST LINE OF SECTION 11,
TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO

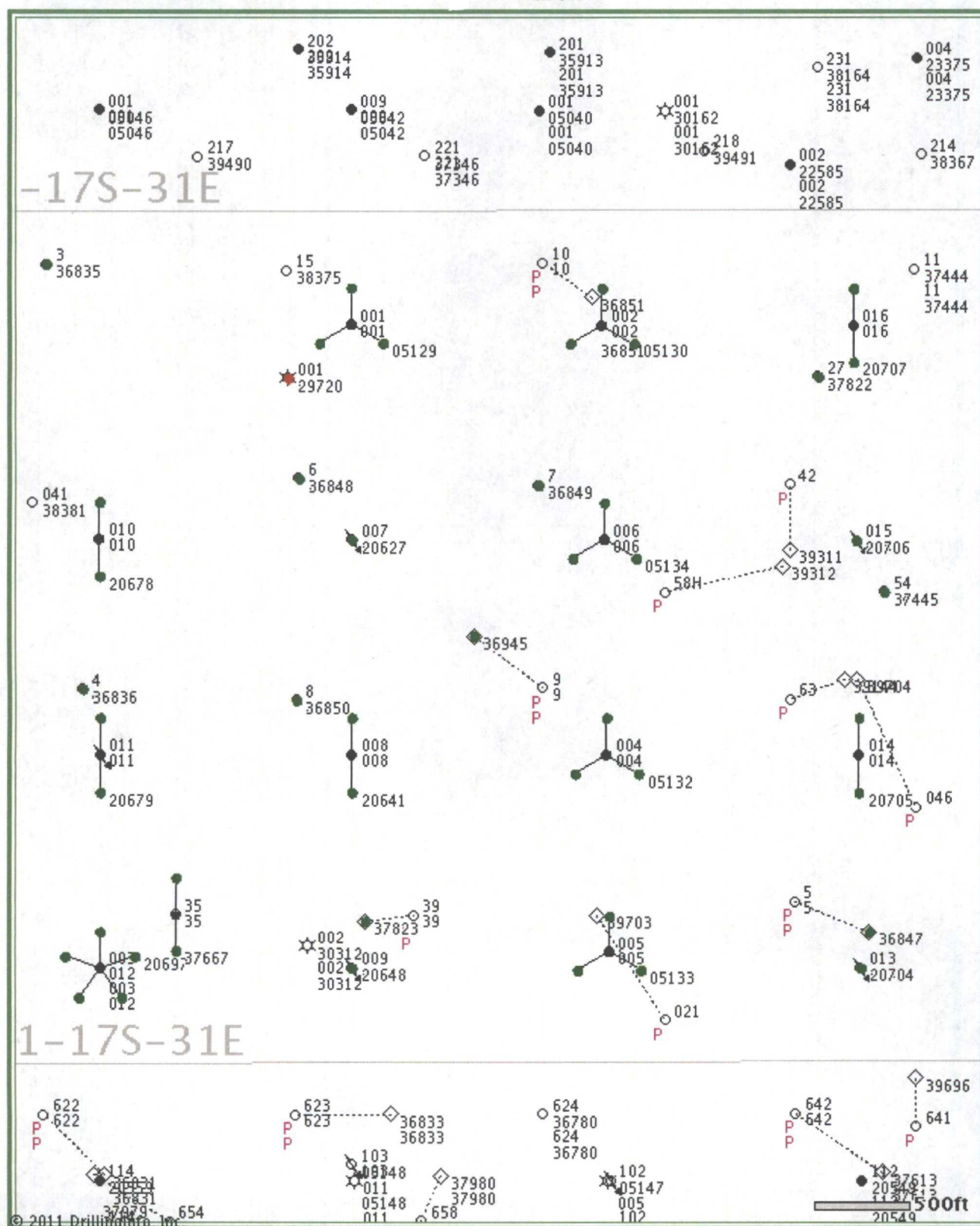
Survey Date: 11/21/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.2214	Dr. By: AF Rev 1:
Date: 12/7/11	Rel. W.O.: 11112214 Scale: 1"=100'

Producing Wells in Sec-11, T-17S, R-31E

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-05132	WESTBROOK OIL CORP	LEA C	004	EDDY	S:11, T:17S, R:31E	3,798	O	Temporarily Abandoned	Jan 1963	Sep 2011	0.03
30-015-05130	WESTBROOK OIL CORP	LEA C	002	EDDY	S:11, T:17S, R:31E		O	Active	Oct 1959	Sep 2011	0.30
30-015-20679	WESTBROOK OIL CORP	LEA C	011	EDDY	S:11, T:17S, R:31E	3,930	I	Temporarily Abandoned	May 2007	Sep 2011	0.30
30-015-05129	WESTBROOK OIL CORP	LEA C	001	EDDY	S:11, T:17S, R:31E		O	Pumping	Jul 1959	Sep 2011	0.37
30-015-05133	WESTBROOK OIL CORP	LEA C	005	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1963	Sep 2011	0.37
30-015-05134	WESTBROOK OIL CORP	LEA C	006	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1963	Sep 2011	0.37
30-015-20641	WESTBROOK OIL CORP	LEA C	008	EDDY	S:11, T:17S, R:31E	3,920	O	Temporarily Abandoned	Jan 1979	Sep 2011	0.37
30-015-20678	WESTBROOK OIL CORP	LEA C	010	EDDY	S:11, T:17S, R:31E	3,954	O	Active	Jan 1979	Sep 2011	0.37
30-015-20697	WESTBROOK OIL CORP	LEA C	012	EDDY	S:11, T:17S, R:31E	3,995	O	Pumping	Jan 1979	Sep 2011	0.70
30-015-20707	WESTBROOK OIL CORP	LEA C	016	EDDY	S:11, T:17S, R:31E	4,060	O	Pumping	Jan 1979	Sep 2011	0.70
30-015-20705	WESTBROOK OIL CORP	LEA C	014	EDDY	S:11, T:17S, R:31E	4,020	O	Temporarily Abandoned	Jan 1979	Sep 1991	1.20
30-015-05131	WESTBROOK OIL CORP	LEA C	003	EDDY	S:11, T:17S, R:31E	3,953	O	Temporarily Abandoned	Jan 1963	Sep 1991	1.60
30-015-05131	WESTBROOK OIL CORP	LEA C	003	EDDY	S:11, T:17S, R:31E	3,953	O	Temporarily Abandoned	Jan 1967	Dec 1977	1.94
30-015-20705	WESTBROOK OIL CORP	LEA C	014	EDDY	S:11, T:17S, R:31E	4,020	O	Temporarily Abandoned	Oct 1972	Dec 1977	3.84
30-015-20706	WESTBROOK OIL CORP	LEA C	015	EDDY	S:11, T:17S, R:31E	4,030	I	Temporarily Abandoned	Oct 1972	Jun 1977	4.00
30-015-20648	WESTBROOK OIL CORP	LEA C	009	EDDY	S:11, T:17S, R:31E		I	Temporarily Abandoned	May 1972	Apr 1974	4.17
30-015-37667	COG OPERATING LLC	TEX MACK 11 FEDERAL	35	EDDY	S:11, T:17S, R:31E	6,788	O	Active Permit	Jul 2010	Sep 2011	4.30
30-015-20707	WESTBROOK OIL CORP	LEA C	016	EDDY	S:11, T:17S, R:31E	4,060	O	Pumping	Oct 1972	Dec 1977	4.81
30-015-05130	WESTBROOK OIL CORP	LEA C	002	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1967	Dec 1975	5.00
30-015-20679	WESTBROOK OIL CORP	LEA C	011	EDDY	S:11, T:17S, R:31E	3,930	I	Temporarily Abandoned	Aug 1972	Dec 1975	5.55
30-015-36849	COG OPERATING LLC	TEX MACK 11 FEDERAL	7	EDDY	S:11, T:17S, R:31E	6,600	O	Active Permit	Jan 2010	Sep 2011	5.77
30-015-05132	WESTBROOK OIL CORP	LEA C	004	EDDY	S:11, T:17S, R:31E	3,798	O	Temporarily Abandoned	Jan 1967	Apr 1974	6.40
	COG OPERATING	TEX MACK 11			S:11, T:17S, R:31E						

30-015-36836	LLC	FEDERAL	4	EDDY	R-31E	6,822	O	Active Permit	Oct 2009	Sep 2011	6.73
30-015-20704	WESTBROOK OIL CORP	LEA C	013	EDDY	S:11, T:17S, R:31E	4,000	I	Temporarily Abandoned	Oct 1972	Jun 1977	7.00
30-015-05133	WESTBROOK OIL CORP	LEA C	005	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1967	Dec 1977	7.68
30-015-20627	WESTBROOK OIL CORP	LEA C	007	EDDY	S:11, T:17S, R:31E	3,970	I	Temporarily Abandoned	May 1972	Apr 1974	9.33
30-015-05129	SKELLY OIL CO.	LEA FED C	001	EDDY	S:11, T:17S, R:31E		O	Pumping	Jan 1960	Dec 1962	9.94
30-015-05130	SKELLY OIL CO.	LEA FED C	002	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1960	Dec 1962	9.94
30-015-05131	SKELLY OIL CO.	LEA FED C	003	EDDY	S:11, T:17S, R:31E	3,953	O	Temporarily Abandoned	May 1960	Dec 1962	9.94
30-015-05134	SKELLY OIL CO.	LEA FED C	006	EDDY	S:11, T:17S, R:31E		O	Active	Apr 1962	Dec 1962	10.16
30-015-05134	WESTBROOK OIL CORP	LEA C	006	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1967	Dec 1977	10.58
30-015-37445	COG OPERATING LLC	TEX MACK 11 FEDERAL	54	EDDY	S:11, T:17S, R:31E	6,800	PO	Active Permit	Jul 2010	Sep 2011	11.50
30-015-20678	WESTBROOK OIL CORP	LEA C	010	EDDY	S:11, T:17S, R:31E	3,954	O	Active	Aug 1972	Dec 1977	12.48
30-015-05129	WESTBROOK OIL CORP	LEA C	001	EDDY	S:11, T:17S, R:31E		O	Pumping	Jan 1967	Dec 1977	14.42
30-015-36848	COG OPERATING LLC	TEX MACK 11 FEDERAL	6	EDDY	S:11, T:17S, R:31E	6,852	O	Active Permit	Feb 2010	Sep 2011	15.83
30-015-05132	SKELLY OIL CO.	LEA FED C	004	EDDY	S:11, T:17S, R:31E	3,798	O	Temporarily Abandoned	May 1961	Dec 1962	18.29
30-015-05133	SKELLY OIL CO.	LEA FED C	005	EDDY	S:11, T:17S, R:31E		O	Active	Jul 1961	Dec 1962	18.29
30-015-20697	WESTBROOK OIL CORP	LEA C	012	EDDY	S:11, T:17S, R:31E	3,995	O	Pumping	Sep 1972	Dec 1977	19.23
30-015-37822	CHEVRON U S A INC	TEX MACK 11 FEDERAL	27	EDDY	S:11, T:17S, R:31E	6,861	O	Active Permit	Apr 2011	Aug 2011	19.39
30-015-36835	COG OPERATING LLC	TEX MACK 11 FEDERAL	3	EDDY	S:11, T:17S, R:31E	6,805	O	Active Permit	Jun 2009	Sep 2011	24.43
30-015-36850	COG OPERATING LLC	TEX MACK 11 FEDERAL	8	EDDY	S:11, T:17S, R:31E	6,655	O	Active Permit	Nov 2009	Sep 2011	28.23
30-015-20641	WESTBROOK OIL CORP	LEA C	008	EDDY	S:11, T:17S, R:31E	3,920	O	Temporarily Abandoned	May 1972	Dec 1977	37.48
30-015-36847	COG OPERATING LLC	TEX MACK 11 FEDERAL	5	EDDY	S:11, T:17S, R:31E	6,845	O	Active Permit	Mar 2010	Sep 2011	43.13
30-015-36945	COG OPERATING LLC	TEX MACK 11 FEDERAL	9	EDDY	S:11, T:17S, R:31E	6,840	O	Active Permit	Mar 2010	Sep 2011	43.13
30-015-37667	COG OPERATING LLC	TEX MACK 11 FEDERAL	35	EDDY	S:11, T:17S, R:31E	6,788	O	Active Permit	May 2010	Oct 2010	61.71
30-015-37823	CHEVRON U S A INC	TEX MACK 11 FEDERAL	39	EDDY	S:11, T:17S, R:31E	6,897	O	Active Permit	Apr 2011	Aug 2011	79.65
30-015-29720	CHEVRON U S A INC	TEXMACK 11 FEDERAL	001	EDDY	S:11, T:17S, R:31E		G	Flowing	Nov 1997	Dec 2010	

Producing Wells in Sec 11, T17S, R31E



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