

DATE 10-5	SUSPENSE	ENGINEER DB	LOGGED IN 10.7.11	TYPE NSL	APP NO. 1128634626
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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



PTCW
 COG 229137
 Tex-Mach # 246

ADMINISTRATIVE APPLICATION CHECKLIST 30-015-39481

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 _____

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[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

10-4-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

**Tex-Mack #246
Eddy County, NM**

VERTICAL Fren; Glorieta Yeso oil well
TD of approximately 6700'

Non-Standard Location:
1780' FSL & 1140' FWL Sec 2, T17S, R31E, Unit L

Non-standard location due to a drainage are 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 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 #240 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 SW/4 of Section 2.
COG Operating LLC owns all of Section 2.

Interests are common.

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	Pool Code	Pool Name
30-015	26770	Fren; Glorieta-Yeso
Property Code	Property Name	Well Number
36826	TEX MACK	246
OGRID No.	Operator Name	Elevation
229137	COG OPERATING, LLC	3679'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
L	2	17-S	31-E		1780	SOUTH	1140	WEST	EDDY

Bottom Hole Location If Different From Surface

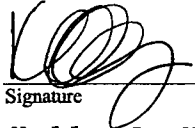
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres	Joint or Infill	Consolidation Code	Order No.						
40									

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

LOT 4	LOT 3	LOT 2	LOT 1
39.90 AC	39.90 AC	39.90 AC	39.90 AC
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=677354.5 N X=650041.4 E LAT.=32.861176° N LONG.=103.844701° W 1140' 1081'			

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.

 9-23-11

Signature Date

Kelly J. Holly

Printed Name

kholly@concho.com

E-mail Address

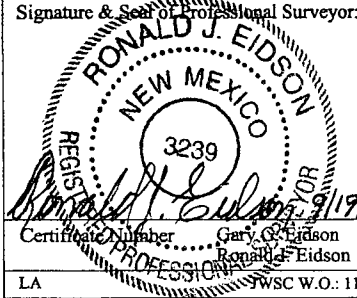
SURVEYOR CERTIFICATION

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.

AUGUST 27, 2011

Date of Survey

Signature & Seal of Professional Surveyor:



Certificate Number Gary J. Eidson 12641
Ronald J. Eidson 3239

LA WSC W.O.: 11.11.0156

EDDY COUNTY

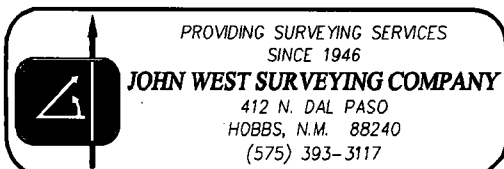
NEW MEXICO



GO EAST ON U.S. HWY. #82 FROM MILE MARKER 140 0.3 MILES. TURN LEFT AND GO NORTHWEST APPROX. 0.1 MILE. TURN LEFT AND GO WEST-NORTHWEST APPROX. 0.2 MILES. TURN RIGHT AND GO NORTH-NORTHEAST APPROX. 0.3 MILES. TURN RIGHT AND GO NORTHEAST APPROX. 0.4 MILES. TURN LEFT AND GO NORTH-NORTHEAST APPROX. 0.1 MILE. TURN LEFT AND GO NORTH APPROX. 0.5 MILES. TURN LEFT AND GO NORTHWEST APPROX. 1.1 MILES. TURN LEFT AND GO WEST APPROX. 0.1 MILE. TURN LEFT AND GO SOUTH-SOUTHWEST APPROX. 0.2 MILES. THIS LOCATION IS APPROX. 251 FEET SOUTHWEST.



TEX MACK #246 WELL
LOCATED 1780 FEET FROM THE SOUTH LINE
AND 1140 FEET FROM THE WEST LINE OF SECTION 2,
TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
EDDY COUNTY, NEW MEXICO



Survey Date: 8/27/11		Sheet 1 of 1 Sheets	
W.O. Number: 11.11.0156		Dr. By: LA	Rev 1:
Date: 9/16/11	Rel. W.O.:	11110156	Scale: 1"=100'

Producing Wells in Sec 2, T17S, R31E, Eddy County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-05034	CBS OPERATING CORP	FEATHERSTONE	005	EDDY	S:2, T:17S, R:31E			Temporarily Abandoned	Feb 1959	Jan 1964	0.00
30-015-05049	ALAMO PERMIAN RESOURCES, LLC	TIDEWATER K STATE	004	EDDY	S:2, T:17S, R:31E	3,850	O	Active	Jan 1963	Jul 2011	0.03
30-015-05042	HANSON ENERGY	STATE BKC	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping	Jan 1967	Dec 1977	0.13
30-015-05038	ALAMO PERMIAN RESOURCES, LLC	FEATHERSTONE	003	EDDY	S:2, T:17S, R:31E	3,825	O	Active	Jan 1963	Jul 2011	0.16
30-015-05042	ALAMO PERMIAN RESOURCES, LLC	STATE BKC	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping	Feb 1959	Jul 2011	0.16
30-015-05043	ALAMO PERMIAN RESOURCES, LLC	STATE BKC	010	EDDY	S:2, T:17S, R:31E	3,655	O	Pumping	Jan 1963	Jul 2011	0.16
30-015-05043	HANSON ENERGY	STATE BKC	010	EDDY	S:2, T:17S, R:31E	3,655	O	Pumping	Jan 1967	Dec 1977	0.16
30-015-05046	ALAMO PERMIAN RESOURCES, LLC	TIDEWATER K STATE	001	EDDY	S:2, T:17S, R:31E	3,755	O	Pumping	Jan 1963	Jul 2011	0.16
30-015-05040	ALAMO PERMIAN RESOURCES, LLC	WILSON	001	EDDY	S:2, T:17S, R:31E	3,824	O	Active	Aug 1959	Jul 2011	0.23
30-015-05044	MACK ENERGY CORP	STATE BGK	001	EDDY	S:2, T:17S, R:31E	0	O	Pumping	Jan 1972	Dec 1977	0.23
30-015-05047	ALAMO PERMIAN RESOURCES, LLC	TIDEWATER K STATE	002	EDDY	S:2, T:17S, R:31E	3,775	O	Pumping	Jan 1963	Jul 2011	0.26
30-015-05039	ALAMO PERMIAN RESOURCES, LLC	FEATHERSTONE	004	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in	Jan 1963	Jul 2011	0.32
30-015-05045	ALAMO PERMIAN RESOURCES, LLC	TIDEWATER K STATE	005	EDDY	S:2, T:17S, R:31E	3,851	O	Active	Jan 1963	Jul 2011	0.32
30-015-22641	ALAMO PERMIAN RESOURCES, LLC	TIDEWATER K STATE	006	EDDY	S:2, T:17S, R:31E	3,910	O	Active	Jan 1993	Jul 2011	0.32
30-015-00000	FEATHERSTONE, OLEN F	STATE	005	EDDY	S:2, T:17S, R:31E		O	Active	May 1954	Dec 1957	0.39
					S:2,						

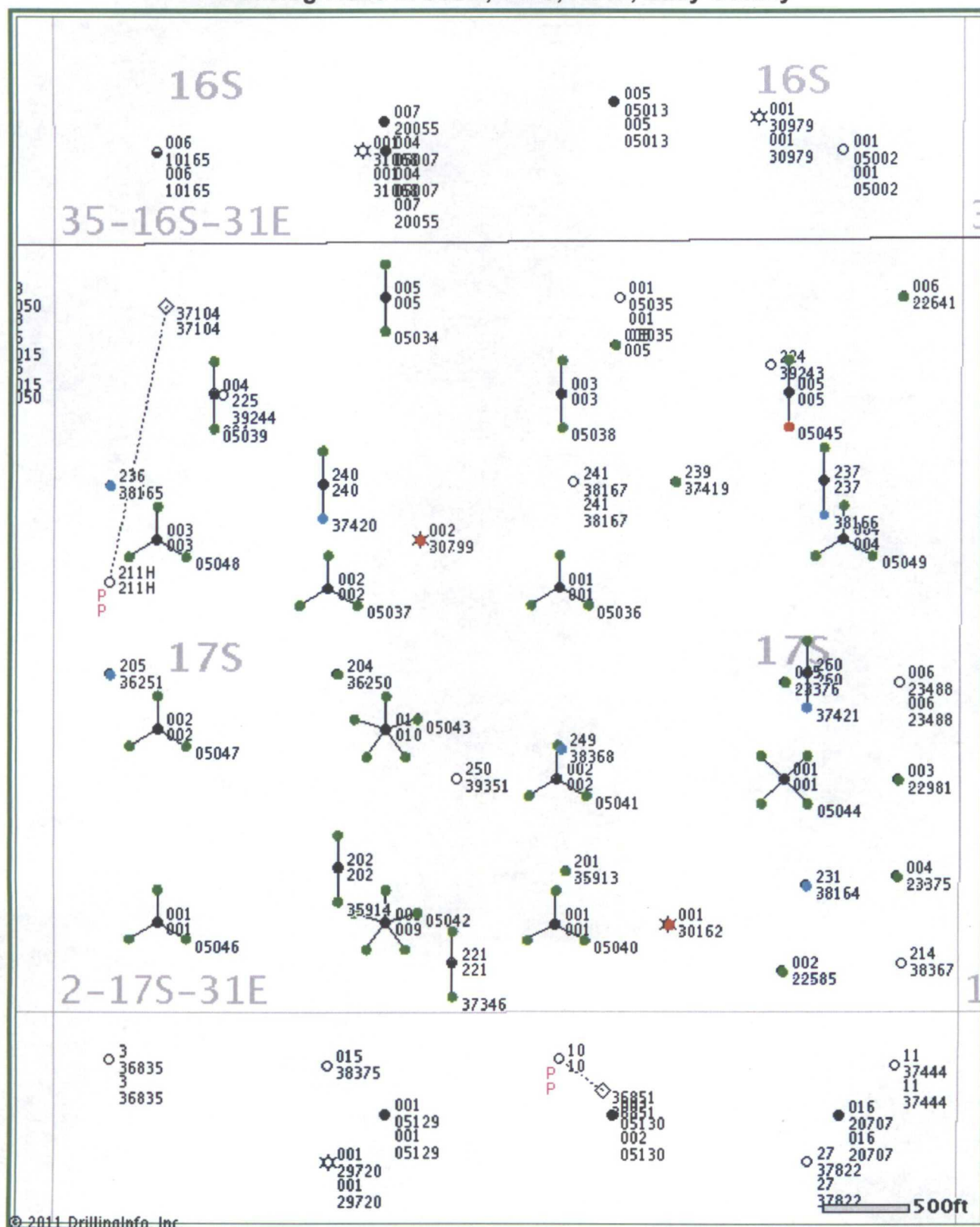
30-015-05041	ALAMO PERMIAN RESOURCES, LLC	WILSON	002	EDDY	T:17S, R:31E	3,774	O	Shut-in	Sep 1959	Jul 2011	0.45
30-015-05044	MACK ENERGY CORP	STATE BGK	001	EDDY	S:2, T:17S, R:31E	0	O	Pumping	Jan 1963	Nov 1995	0.47
30-015-05042	FEATHERSTONE FARMS, LTD.	STATE	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping	Jan 1971	Dec 1971	0.48
30-015-23376	ALAMO PERMIAN RESOURCES, LLC	STATE BGK	005	EDDY	S:2, T:17S, R:31E	3,856	O	Active	Jan 1993	Oct 2010	0.58
30-015-05037	ALAMO PERMIAN RESOURCES, LLC	FEATHERSTONE	002	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in	Oct 1959	Jul 2011	0.65
30-015-36250	COG OPERATING LLC	TEX-MACK	204	EDDY	S:2, T:17S, R:31E	6,594	O	Active Permit	Jun 2009	Jul 2011	0.71
30-015-22585	ALAMO PERMIAN RESOURCES, LLC	STATE BGK	002	EDDY	S:2, T:17S, R:31E	3,867	O	Active	Jan 1979	Jul 2011	0.84
30-015-22981	ALAMO PERMIAN RESOURCES, LLC	STATE BGK	003	EDDY	S:2, T:17S, R:31E	0	O	Active	Jan 1993	Jul 2011	0.84
30-015-23375	ALAMO PERMIAN RESOURCES, LLC	STATE BGK	004	EDDY	S:2, T:17S, R:31E	3,875	O	Pumping	Jan 1993	Jul 2011	0.84
30-015-05036	XERIC OIL & GAS CORP	FEATHERSTONE	001	EDDY	S:2, T:17S, R:31E	3,675	O	Flowing	Jan 1967	Jun 1967	0.90
30-015-05044	KENNEDY OIL COMPANY INCORPORATED	NEW MEXICO BG STATE	001	EDDY	S:2, T:17S, R:31E	0	O	Pumping	Jan 1971	Dec 1971	1.29
30-015-05043	OLEN F FEATHERSTONE	STATE B 3635	010	EDDY	S:2, T:17S, R:31E	3,655	O	Pumping	Jan 1965	Dec 1965	1.48
30-015-05042	OLEN F FEATHERSTONE	STATE B10920	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping	Jan 1965	Dec 1965	1.48
30-015-05036	XERIC OIL & GAS CORP	FEATHERSTONE	001	EDDY	S:2, T:17S, R:31E	3,675	O	Flowing	Oct 1959	Dec 1966	2.06
30-015-05043	FEATHERSTONE FARMS, LTD.	STATE B	010	EDDY	S:2, T:17S, R:31E	3,655	O	Pumping	Jan 1971	Dec 1971	2.10
30-015-05046	MID CENTURY OIL AND GAS CO.	TIDEWATER ST	001	EDDY	S:2, T:17S, R:31E	3,755	O	Pumping	Oct 1960	Dec 1962	2.32
30-015-05044	HUMBLE OIL AND REFINING CO.	STATE BG	001	EDDY	S:2, T:17S, R:31E	0	O	Pumping	Oct 1960	Dec 1962	2.61
					S:2,						

30-015-05045	MID CENTURY OIL AND GAS CO.	TIDEWATER ST	005	EDDY	T:17S, R:31E	3,851	O	Active		Jul 1961	Dec 1962	2.90
30-015-05040	CBS OPERATING CORP	WILSON	001	EDDY	S:2, T:17S, R:31E	3,824	O	Active		Jan 1967	Dec 1977	3.06
30-015-05041	CBS OPERATING CORP	WILSON	002	EDDY	S:2, T:17S, R:31E	3,774	O	Shut-in		Jan 1967	Dec 1977	3.13
30-015-05049	HANSON ENERGY	TIDEWATER K STATE	004	EDDY	S:2, T:17S, R:31E	3,850	O	Active		Jan 1967	Dec 1977	3.23
30-015-05042	FEATHERSTONE OLEN F	STATE	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping		Jan 1960	Nov 1962	4.07
30-015-05047	HANSON ENERGY	TIDEWATER K STATE	002	EDDY	S:2, T:17S, R:31E	3,775	O	Pumping		Jan 1965	Dec 1977	4.68
30-015-05040	B T A OIL PRODUCERS	WILSON STATE	001	EDDY	S:2, T:17S, R:31E	3,824	O	Active		Jan 1960	Dec 1962	4.90
30-015-05041	B T A OIL PRODUCERS	WILSON STATE	002	EDDY	S:2, T:17S, R:31E	3,774	O	Shut-in		Jan 1960	Dec 1962	4.90
30-015-05046	HANSON ENERGY	TIDEWATER K STATE	001	EDDY	S:2, T:17S, R:31E	3,755	O	Pumping		Jan 1967	Dec 1977	5.48
30-015-35914	COG OPERATING LLC	TEX-MACK	202	EDDY	S:2, T:17S, R:31E	12,581	O	Unknown		Aug 2008	Jul 2011	5.55
30-015-35914	COG OPERATING LLC	TEX-MACK	202	EDDY	S:2, T:17S, R:31E	12,581	O	Unknown		Jan 2008	Nov 2010	5.73
30-015-05049	MID CENTURY OIL AND GAS CO.	TIDEWATER ST	004	EDDY	S:2, T:17S, R:31E	3,850	O	Active		Feb 1961	Dec 1962	5.87
30-015-05048	ALAMO PERMIAN RESOURCES, LLC	TIDEWATER K STATE	003	EDDY	S:2, T:17S, R:31E	3,795	O	Pumping		Jan 1963	Jul 2011	6.68
30-015-37419	COG OPERATING LLC	TEX-MACK	239	EDDY	S:2, T:17S, R:31E	6,740	O	Active Permit		Nov 2010	Jul 2011	7.13
30-015-05048	HANSON ENERGY	TIDEWATER K STATE	003	EDDY	S:2, T:17S, R:31E	3,795	O	Pumping		Jan 1967	Dec 1977	7.32
30-015-05037	B T A OIL PRODUCERS	FEATHERSTONE STATE	002	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in		Jan 1960	Dec 1962	7.68
30-015-05038	B T A OIL PRODUCERS	FEATHERSTONE STATE	003	EDDY	S:2, T:17S, R:31E	3,825	O	Active		Jan 1960	Dec 1962	7.68
					S:2,							

30-015-05039	B T A OIL PRODUCERS	FEATHERSTONE STATE	004	EDDY	T:17S, R:31E	3,650	O	Shut-in	Jan 1960	Dec 1962	7.68
30-015-05034	B T A OIL PRODUCERS	FEATHERSTONE STATE	005	EDDY	S:2, T:17S, R:31E			Temporarily Abandoned	Jan 1956	Dec 1962	7.68
30-015-05036	B T A OIL PRODUCERS	FEATHERSTONE STATE	001	EDDY	S:2, T:17S, R:31E	3,675	O	Flowing	Jan 1960	Dec 1962	7.71
30-015-05037	CBS OPERATING CORP	FEATHERSTONE STATE	002	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in	Jan 1967	Dec 1977	8.39
30-015-05043	FEATHERSTONE OLEN F	STATE	010	EDDY	S:2, T:17S, R:31E	3,655	O	Pumping	Jan 1961	Dec 1962	9.42
30-015-05048	MID CENTURY OIL AND GAS CO.	TIDEWATER ST	003	EDDY	S:2, T:17S, R:31E	3,795	O	Pumping	Jan 1961	Dec 1962	10.13
30-015-05047	MID CENTURY OIL AND GAS CO.	TIDEWATER ST	002	EDDY	S:2, T:17S, R:31E	3,775	O	Pumping	Nov 1960	Dec 1962	11.45
30-015-36251	COG OPERATING LLC	TEX-MACK	205	EDDY	S:2, T:17S, R:31E	6,685	O	Active Permit	Nov 2010	Jul 2011	15.10
30-015-36195	COG OPERATING LLC	TEX-MACK	203	EDDY	S:2, T:17S, R:31E	6,872	O	Active Permit	Mar 2010	Jul 2011	18.10
30-015-38165	COG OPERATING LLC	TEX-MACK	236	EDDY	S:2, T:17S, R:31E	6,785	O	Active Permit	Jan 2011	Jul 2011	19.71
30-015-35913	COG OPERATING LLC	TEX-MACK	201	EDDY	S:2, T:17S, R:31E	6,725	O	Active	Dec 2010	Jul 2011	20.58
30-015-37420	COG OPERATING LLC	TEX-MACK	240	EDDY	S:2, T:17S, R:31E	6,952	O	Active Permit	May 2011	Jul 2011	21.00
30-015-38166	COG OPERATING LLC	TEX-MACK	237	EDDY	S:2, T:17S, R:31E	6,915	O	Active Permit	Jun 2011	Jul 2011	28.52
30-015-37346	COG OPERATING LLC	TEX-MACK	221	EDDY	S:2, T:17S, R:31E	6,832	O	Active Permit	Dec 2010	Jul 2011	30.52
30-015-37421	COG OPERATING LLC	TEX-MACK	260	EDDY	S:2, T:17S, R:31E	6,850	O	Active Permit	May 2011	Jul 2011	33.26
30-015-37420	COG OPERATING LLC	TEX-MACK	240	EDDY	S:2, T:17S, R:31E	6,952	O	Active Permit	Apr 2011	Apr 2011	54.83
30-015-37421	COG OPERATING LLC	TEX-MACK	260	EDDY	S:2, T:17S, R:31E	6,850	O	Active Permit	Dec 2010	Apr 2011	55.67
					S:2,						

30-015-38166	COG OPERATING LLC	TEX-MACK	237	EDDY	T:17S, R:31E	6,915	O	Active Permit	May 2011	May 2011	62.74
30-015-37346	COG OPERATING LLC	TEX-MACK	221	EDDY	S:2, T:17S, R:31E	6,832	O	Active Permit	Apr 2010	Nov 2010	69.33
30-015-38368	COG OPERATING LLC	TEX-MACK	249	EDDY	S:2, T:17S, R:31E	6,925	O	Active Permit	Jul 2011	Jul 2011	102.06
30-015-38164	COG OPERATING LLC	TEX-MACK	231	EDDY	S:2, T:17S, R:31E	6,830	O	Active Permit	Apr 2011	Jul 2011	104.00
30-015-30162	CHEVRON U S A INC	TEXMACK 2 STATE COM	001	EDDY	S:2, T:17S, R:31E	12,430	G	Flowing	Aug 1998	Jul 2011	
30-015-30799	CHEVRON U S A INC	TEXMACK 2 STATE COM	002	EDDY	S:2, T:17S, R:31E	12,500	G	Flowing	Mar 2000	Jul 2011	

Producing Wells in Sec 2, T17S, R31E, Eddy County



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Tex-Mack
COG Operating LLC - 100%

