

DATE 7/29/11	SUSPENSE	ENGINEER DB.	LOGGED 7/29/11	TYPE NSL	APP NO 1121028368
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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



229137 COG
Tex-Mex # 224
6454

ADMINISTRATIVE APPLICATION CHECKLIST **30-015-39243**

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 _____

A-2-17531E

[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

2011 JUL 28 P 1:26

RECEIVED COG

INTEREST ARE THE SAME

[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

7-27-11
 Date

(432) 685-4384
 Phone Number

kholly@conchoresources.com
 E-mail Address

**Tex-Mack #224
Eddy County, NM**

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

Non-Standard Location:

865' FNL & 1105' FEL Sec 2, T17S, R31E, Unit A

Non-standard location due to existing well 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 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 NW/4 NE/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 30-015	Pool Code 26770	Pool Name Fren; Glorieta-Yeso
Property Code 36826	Property Name TEX MACK	Well Number 224
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 4027'

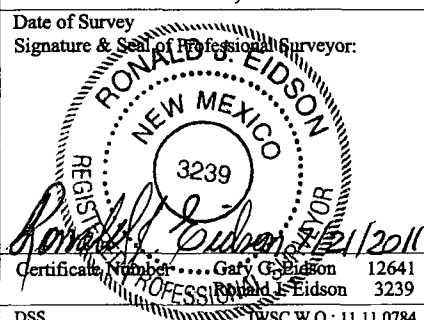
Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	2	17-S	31-E		865	NORTH	1105	EAST	EDDY

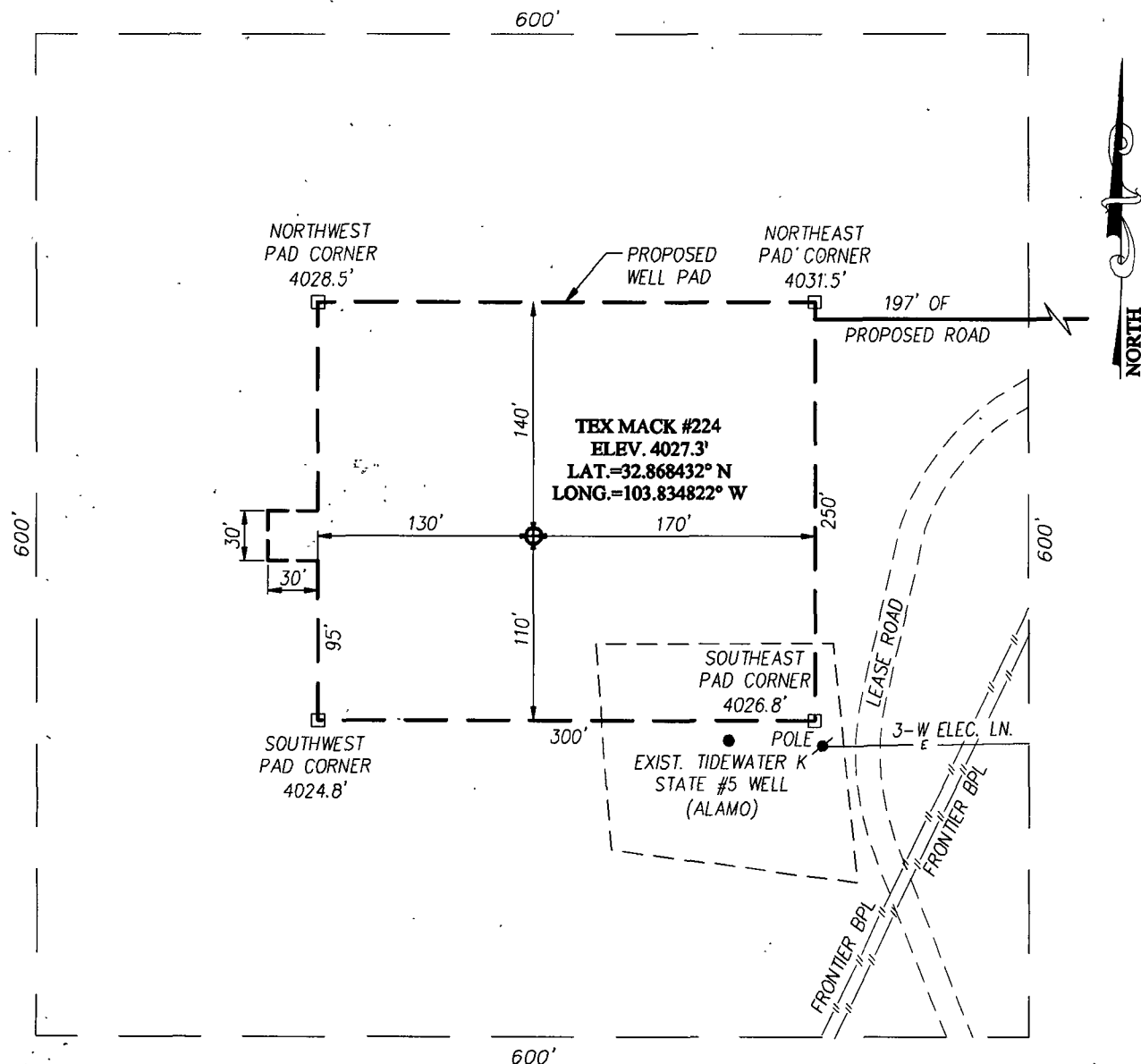
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Dedicated Acres 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

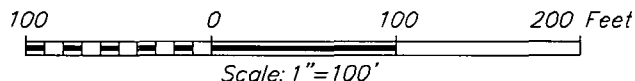
LOT 4	LOT 3	LOT 2	LOT 1
39.90 AC	39.90 AC	39.90 AC	39.90 AC
865' 1105'			
GEODETIC COORDINATES NAD 27 NME SURFACE LOCATION Y=680008.2 N X=653062.3 E LAT.=32.868432° N LONG.=103.834822° W			
OPERATOR CERTIFICATION I hereby certify that the information herein is true and complete to the best of my knowledge 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. Signature: <i>Kelly J. Holly</i> Date: 7-27-11 Printed Name: Kelly J. Holly E-mail Address: kholly@concho.com			
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 11, 2011 Date of Survey Signature & Seal of Professional Surveyor:  Certificate Number: Gary C. Eidson 12641 Ronald J. Eidson 3239 DSS JWSC W.O.: 11.11.0784			

SECTION 2, TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.
 EDDY COUNTY NEW MEXICO



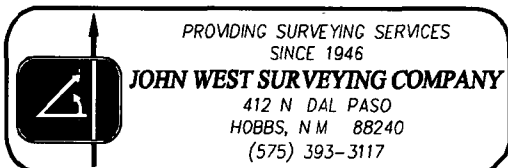
DIRECTIONS TO LOCATION

HEADING EAST ON U.S. HWY. #82 FROM MILE MARKER 140, GO APPROX. 0.3 MILES. TURN LEFT AND GO NORTH APPROX. 0.3 MILES. TURN RIGHT AND FOLLOW LEASE ROAD NORTH-NORTHEAST APPROX. 3.0 MILES. TURN RIGHT AND GO EAST APPROX. 0.5 MILES. TURN LEFT AND GO NORTH APPROX. 0.2 MILES TO THE EXISTING TIDEWATER STATE #5 WELL. THIS LOCATION STAKE IS APPROX. 170 FEET NORTHWEST OF THE EXISTING WELL HEAD



COG OPERATING, LLC

TEX MACK #224 WELL
 LOCATED 865 FEET FROM THE NORTH LINE
 AND 1105 FEET FROM THE EAST LINE OF SECTION 2,
 TOWNSHIP 17 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY, NEW MEXICO



Survey Date: 7/11/11	Sheet 1 of 1 Sheets
W.O. Number: 11.11.0784	Dr. By: DSS
Date: 7/15/11	Rel. W.O.:
11110784	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		PI	Temporarily Abandoned	Feb 1959	Jan 1964	0.00
30-015-05049	DORAL ENERGY CORP.	TIDEWATER K STATE	004	EDDY	S:2, T:17S, R:31E	3,850	O	Active	Jan 1963	Apr 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
30-015-05046	DORAL ENERGY CORP.	TIDEWATER K STATE	001	EDDY	S:2, T:17S, R:31E	3,755	O	Pumping	Jan 1963	Apr 2011	0.13
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
30-015-05039	CBS OPERATING CORP	FEATHERSTONE	004	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in	Jan 1963	Apr 2011	0.17
30-015-05042	DORAL ENERGY CORP.	STATE BKC	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping	Feb 1959	Apr 2011	0.20
30-015-05043	DORAL ENERGY CORP.	STATE BKC	010	EDDY	S:2, T:17S, R:31E	3,655	O	Pumping	Jan 1963	Apr 2011	0.20
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	DORAL ENERGY CORP.	TIDEWATER K STATE	002	EDDY	S:2, T:17S, R:31E	3,775	O	Pumping	Jan 1963	Apr 2011	0.23
30-015-05040	CBS OPERATING CORP.	WILSON	001	EDDY	S:2, T:17S, R:31E	3,824	O	Active	Aug 1959	Apr 2011	0.30
30-015-05038	CBS OPERATING CORP	FEATHERSTONE	003	EDDY	S:2, T:17S, R:31E	3,825	O	Active	Jan 1963	Apr 2011	0.33
30-015-05045	DORAL ENERGY CORP.	TIDEWATER K STATE	005	EDDY	S:2, T:17S, R:31E	3,851	O	Active	Jan 1963	Apr 2011	0.37
30-015-22641	DORAL ENERGY CORP.	TIDEWATER K STATE	006	EDDY	S:2, T:17S, R:31E	3,910	O	Active	Jan 1993	Apr 2011	0.37
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,						

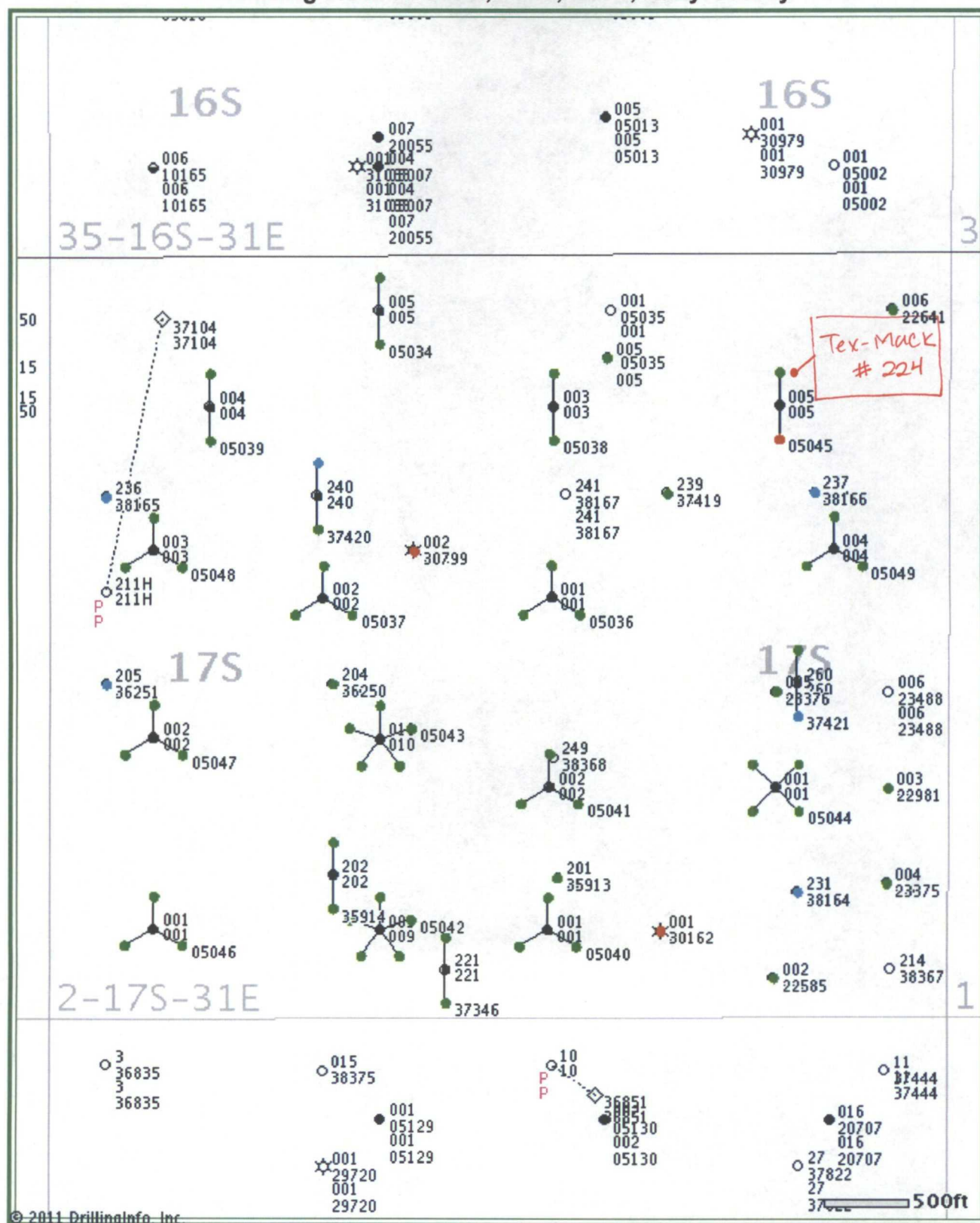
30-015-05041	CBS OPERATING CORP	WILSON	002	EDDY	T:17S, R:31E	3,774	O	Shut-in	Sep 1959	Apr 2011	0.47
30-015-05044	MACK ENERGY CORP	STATE BGK	001	EDDY	S:2, T:17S, R:31E	0	O	Pumping	Jan 1963	Nov 1995	0.47
30-015-05042	FEATHERSTONE FARMS, LTD.	STATE	009	EDDY	S:2, T:17S, R:31E	3,760	O	Pumping	Jan 1971	Dec 1971	0.48
30-015-23376	DORAL ENERGY CORP.	STATE BGK	005	EDDY	S:2, T:17S, R:31E	3,856	O	Active	Jan 1993	Oct 2010	0.58
30-015-05037	CBS OPERATING CORP	FEATHERSTONE	002	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in	Oct 1959	Apr 2011	0.67
30-015-22585	DORAL ENERGY CORP.	STATE BGK	002	EDDY	S:2, T:17S, R:31E	3,867	O	Active	Jan 1979	Apr 2011	0.67
30-015-22981	DORAL ENERGY CORP.	STATE BGK	003	EDDY	S:2, T:17S, R:31E	0	O	Active	Jan 1993	Apr 2011	0.67
30-015-23375	DORAL ENERGY CORP.	STATE BGK	004	EDDY	S:2, T:17S, R:31E	3,875	O	Pumping	Jan 1993	Apr 2011	0.67
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
30-015-05045	MID CENTURY OIL AND GAS CO.	TIDEWATER ST	005	EDDY	S:2, T:17S, R:31E	3,851	O	Active	Jul 1961	Dec 1962	2.90
					S:2,						

30-015-05040	CBS OPERATING CORP	WILSON	001	EDDY	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
30-015-35914	COG OPERATING LLC	TEX-MACK	202	EDDY	S:2, T:17S, R:31E	12,581	O	Unknown	Dec 2010	May 2011	3.29
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	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	DORAL ENERGY CORP.	TIDEWATER K STATE	003	EDDY	S:2, T:17S, R:31E	3,795	O	Pumping	Jan 1963	Apr 2011	5.97
30-015-36250	COG OPERATING LLC	TEX-MACK	204	EDDY	S:2, T:17S, R:31E	6,594	O	Active Permit	Jun 2009	May 2011	6.58
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
30-015-05039	B T A OIL PRODUCERS	FEATHERSTONE STATE	004	EDDY	S:2, T:17S, R:31E	3,650	O	Shut-in	Jan 1960	Dec 1962	7.68
					S:2,						

30-015-05034	B T A OIL PRODUCERS	FEATHERSTONE STATE	005	EDDY	T:17S, R:31E		PI	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	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	May 2011	12.35
30-015-37346	COG OPERATING LLC	TEX-MACK	221	EDDY	S:2, T:17S, R:31E	6,832	O	Active Permit	Dec 2010	May 2011	13.74
30-015-37419	COG OPERATING LLC	TEX-MACK	239	EDDY	S:2, T:17S, R:31E	6,740	O	Active Permit	Nov 2010	May 2011	14.00
30-015-36195	COG OPERATING LLC	TEX-MACK	203	EDDY	S:2, T:17S, R:31E	6,872	O	Active Permit	Mar 2010	May 2011	20.58
30-015-38165	COG OPERATING LLC	TEX-MACK	236	EDDY	S:2, T:17S, R:31E	6,785	O	Active Permit	Jan 2011	May 2011	23.45
30-015-35913	COG OPERATING LLC	TEX-MACK	201	EDDY	S:2, T:17S, R:31E	6,725	O	Active	Dec 2010	May 2011	28.81
30-015-37421	COG OPERATING LLC	TEX-MACK	260	EDDY	S:2, T:17S, R:31E	6,850	O	Active Permit	May 2011	May 2011	48.55
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
30-015-37420	COG OPERATING LLC	TEX-MACK	240	EDDY	S:2, T:17S, R:31E	6,952	O	Active Permit	May 2011	May 2011	61.71
30-015-38166	COG OPERATING LLC	TEX-MACK	237	EDDY	S:2, T:17S, R:31E	6,775	PO	Active Permit	May 2011	May 2011	62.74
					S:2,						

30-015-38164	COG OPERATING LLC	TEX-MACK	231	EDDY	T:17S, R:31E	6,830	O	Active Permit	Apr 2011	May 2011	67.26
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
30-015-30162	CHEVRON U S A INC	TEXMACK 2 STATE COM	001	EDDY	S:2, T:17S, R:31E	12,430	G	Flowing	Aug 1998	Apr 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	Apr 2011	

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



Tex-Mack
COG Operating LLC - 100%