

DATE IN 04/23/13	SUSPENSE	ENGINEER PAG	LOGGED IN 04/23/13	TYPE NSL	APP NO. PPRG1311355431
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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



30-015 - Pending
41346
Tex Mack II
Federal # 116 H
CoG Operating

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

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
2013 APR 23 A 11:11

[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

4-22-13
Date

(432) 685-4384
Phone Number

kholly@concho.com
E-mail Address

**Tex Mack 11 Federal #116H
Eddy County, NM**

HORIZONTAL Fren; Glorieta Yeso East oil well
TVD of approximately 6,500' & MD of approximately 10,900'

Non-Standard Location:

SHL: 1525' FSL & 330' FWL	Sec 11, T17S, R31E, Unit L
BHL: 1650' FSL & 330' FEL	Sec 11, T17S, R31E, Unit I

Non-standard location due to buried pipelines 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
Puckett 13 Federal Com #6H

SHL: 36' FNL & 1627' FEL	Sec 13, T17S, R31E, Unit B
BHL: 330' FSL & 1650' FEL	Sec 13, T17S, R31E, Unit O

Non-standard Completed Interval (Approximate)

This well is completed in the Yeso formation.

This Yeso completion has overall perforations from 6700' – 11,300', but is divided into 8 perf/stimulation intervals.

1st Interval: 6700 - 7100 w/6 SPF, 30 holes. Acidize w/4000 gals 15% acid. Frac w/13,668 gals waterfrac, 169,155 gals gel, 5,513# 100 mesh, 266,257# 20/40 white sand, 45,638# 20/40 SLC.

2nd Interval: 7300 - 7700 w/6 SPF, 30 holes. Acidize w/4000 gals 15% acid. Frac w/12,350 gals waterfrac, 174,437 gals gel, 5,626# 100 mesh, 257,729# 20/40 white sand, 45,016# 20/40 SLC.

3rd Interval: 7900 - 8300 w/6 SPF, 30 holes. Acidize w/4,000 gals 15% acid. Frac w/13,995 gals waterfrac, 171,861 gals gel, 3,933# 100 mesh, 262,894# 20/40 white sand, 47,415# 20/40 SLC.

4th Interval: 8500 - 8900 w/6 SPF, 30 holes. Acidize w/4,000 gals 15% acid. Frac w/14,035 gals waterfrac, 171,690 gals gel, 5,569# 100 mesh, 260,356# 20/40 white sand, 42,630# 20/40 SLC.

5th Interval: 9100 - 9500 w/6 SPF, 30 holes. Acidize w/4,000 gals 15% acid. Frac w/15,907 gals waterfrac, 172,716 gals gel, 3,757# 100 mesh, 268,854# 20/40 white sand, 43,573# 20/40 SLC.

6th Interval: 9700 - 10,100 w/6 SPF, 30 holes. Acidize w/4,000 gals 15% acid. Frac w/16,590 gals waterfrac, 174,272 gals gel, 3,464# 100 mesh, 264,969# 20/40 white sand, 44,891# 20/40 SLC.

7th Interval: 10,700 - 10,300 w/6 SPF, 30 holes. Acidize w/1000 gals 15% acid.
Frac w/16,935 gals waterfrac, 173,374 gals gel, 3,649# 100 mesh, 268,026#
20/40 white sand, 44,052# 20/40 SLC.

8th Interval: 10,900 - 11,300 w/6 SPF, 30 holes. Acidize w/1000 gals 15% acid.
Frac w/25,639 gals waterfrac, 166,292 gals gel, 6,532# 100 Mesh, 264,738#
20/40 white sand, 45,707# 20/40 SLC.

Attachment 1

Plat and map

Attachment 2

Map and legend of offset wells.

Attachment 3

Updated land plat showing COG Operating LLC acreage.

The acreage we are encroaching is Unit M of Section 11 & Unit P of Section 10.

Proof of notification sent to Chevron and ZPZ is attached.

Interests are the same.

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

District I
1625 N. French Dr., Hobbs, NM 88240
Phone (575) 353-6161 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, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015- 41346	² Pool Code 97213	³ Pool Name Fren; Glorieta Yeso East
⁴ Property Code	⁵ Property Name TEX MACK 11 FEDERAL	⁶ Well Number 116H
⁷ OGRID No. 229137	⁸ Operator Name COG OPERATING, LLC	⁹ Elevation 3927'

¹⁰ 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	11	17-S	31-E		1525	SOUTH	330	WEST	EDDY

¹¹ 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
I	11	17-S	31-E		1650	SOUTH	330	EAST	EDDY

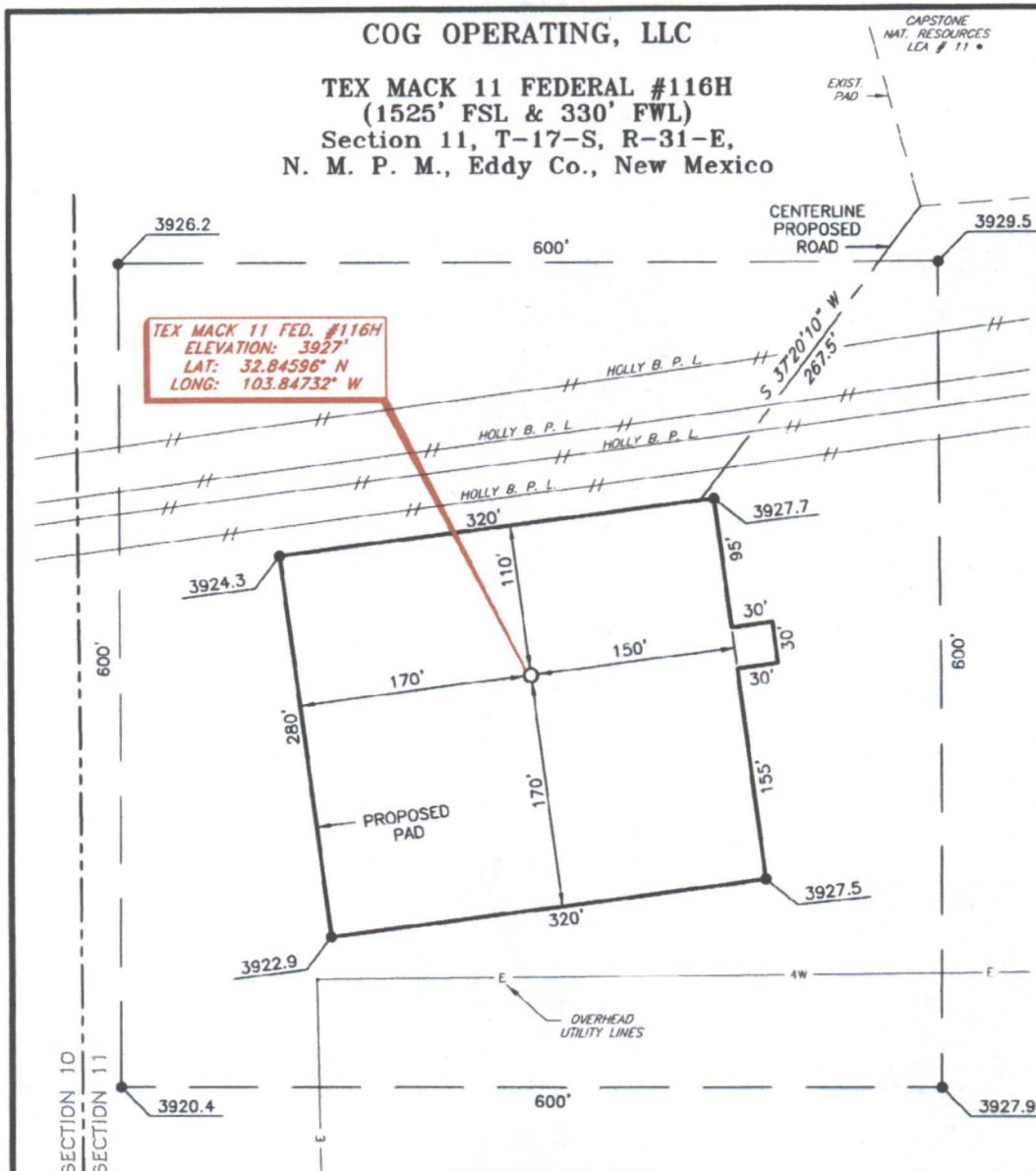
¹² Dedicated Acres 160	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

¹⁶ CORNER DATA NAD 27 GRID - NM EAST A: BRASS CAP "1916" N 670286.1 - E 648942.2 B: BRASS CAP "1916" N 672925.8 - E 648927.1 C: BRASS CAP "1916" N 672963.1 - E 654206.1 D: BRASS CAP "1916" N 670323.4 - E 654220.9 E: BRASS CAP "1916" N 670306.2 - E 651581.6 F: CALCULATED POINT N 672944.4 - E 651566.7 G: CALCULATED POINT N 671605.9 - E 648934.7 H: CALCULATED POINT N 671625.3 - E 651574.1	¹⁷ OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or undivided 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 a 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> 2-12-13 Signature Date Kelly J. Holly Printed Name kholly@concho.com E-mail Address
Project Area Producing Area N 88°02'24" E (GRID) 4,621.2' (HORIZ.) S.L. SEE DETAIL "A" Estimated Completed Interval: 1525 FSL + 330 FWL DETAIL "A" 3926.2 600' 3929.5 3920.4 600' 3927.9 S.L.	¹⁸ 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. 12/13/12 Date of Survey Signature and Seal of Professional Surveyor: <i>Robert M. Howett</i> 19680 Certificate Number Revised: Well No. 2/4/13

COG OPERATING, LLC

TEX MACK 11 FEDERAL #116H
(1525' FSL & 330' FWL)
Section 11, T-17-S, R-31-E,
N. M. P. M., Eddy Co., New Mexico



DIRECTIONS TO LOCATION

From the intersection of U. S. Hwy. No. 82 and County Road No. 223 (Sweet Gum);

Go Northeasterly on U. S. Hwy. No. 82 approx. 1.5 miles;

Turn Left, at the Wiser Oil Co. sign, and go Northwest on a lease road approx. 0.3 mile;

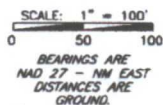
Turn right. Go North 0.3 mile;

Turn right. Go Northeast approx. 0.5 mile;

Turn left. Go North approx. 1.0 mile;

Turn left. Go West approx. 0.4 mile to the Capstone Natural Resources Lea #11;

Location is approx 565' Southwest of the existing Capstone Natural Resources Lea #11.



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1	Well No.	2/4/13
NO.	REVISION	DATE
JOB NO.: LS120023		
DWG. NO.: 120023PAD		

PROSPERITY CONSULTANTS, LLC



2251 Double Creek Drive, Suite 602, Round Rock, Texas 78664

o (512) 992-2087 f (512) 251-2518

SCALE: 1" = 100'
DATE: 12/13/12
SURVEYED BY: RH/GB
DRAWN BY: LWB
APPROVED BY: LWB
SHEET : 1 OF 1

Producing wells in Sec 11, T17S, R31E, Eddy County

API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Prac. IP (MCF/D)
30-015-20641	WESTBROOK OIL CORP	LEA C	008	EDDY	S:11, T:17S, R:31E	3,920	O	Temporarily Abandoned	Jan 1979	Dec 2012	0.00
30-015-20678	WESTBROOK OIL CORP	LEA C	010	EDDY	S:11, T:17S, R:31E	3,954	O	Active	Jan 1979	Dec 2012	0.00
30-015-20705	WESTBROOK OIL CORP	LEA C	014	EDDY	S:11, T:17S, R:31E	4,020	O	Temporarily Abandoned	Jan 1979	Dec 2012	0.00
30-015-37823	CHEVRON U S A INC	TEX MACK 11 FEDERAL	039	EDDY	S:11, T:17S, R:31E	6,897	O	Active Permit	Jan 2012	Feb 2012	1.24
30-015-05134	WESTBROOK OIL CORP	LEA C	006	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1967	Dec 1977	4.07
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	4.77
30-015-20697	WESTBROOK OIL CORP	LEA C	012	EDDY	S:11, T:17S, R:31E	3,995	O	Pumping	Jan 1979	Dec 2012	7.93
30-015-05129	WESTBROOK OIL CORP	LEA C	001	EDDY	S:11, T:17S, R:31E		O	Pumping	Jan 1967	Dec 1977	9.61
30-015-20648	WESTBROOK OIL CORP	LEA C	009	EDDY	S:11, T:17S, R:31E	3,950	U	Temporarily Abandoned	May 1972	Apr 1974	9.80
30-015-05134	WESTBROOK OIL CORP	LEA C	006	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1963	Dec 2012	10.86
30-015-05129	WESTBROOK OIL CORP	LEA C	001	EDDY	S:11, T:17S, R:31E		O	Pumping	Jul 1959	Dec 2012	12.19
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	12.53
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	14.43
30-015-05130	WESTBROOK OIL CORP	LEA C	002	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1967	Dec 1975	14.57
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	16.40
30-015-05134	SKELLY OIL CO	LEA FED C	006	EDDY	S:11, T:17S, R:31E		O	Active	Apr 1962	Dec 1962	16.52
30-015-05133	WESTBROOK OIL CORP	LEA C	005	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1967	Dec 1977	17.86
30-015-20627	WESTBROOK OIL CORP	LEA C	007	EDDY	S:11, T:17S, R:31E	3,970	O	Temporarily Abandoned	May 1972	Apr 1974	18.87
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	Nov 2012	18.87
30-015-20706	WESTBROOK OIL CORP	LEA C	015	EDDY	S:11, T:17S, R:31E	4,030	O	Temporarily Abandoned	Oct 1972	Jun 1977	19.50
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	20.50
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	20.61
	WESTBROOK OIL				S:11, T:17S,						

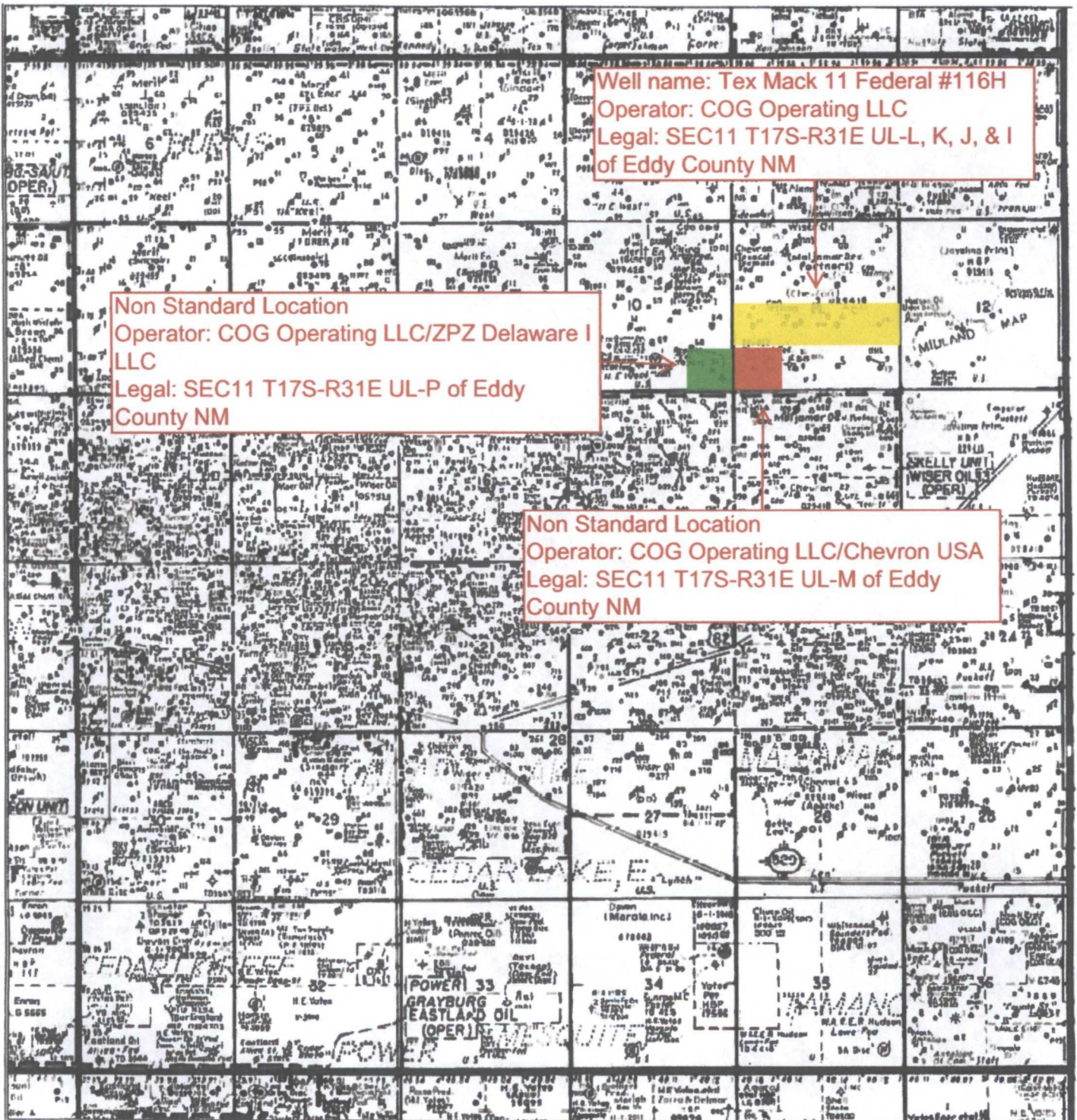
30-015-20707	CORP	LEA C	016	EDDY	R:31E	4,060	O	Pumping	Jan 1979	Dec 2012	23.57
30-015-36836	COG OPERATING LLC	TEX MACK 11 FEDERAL	4	EDDY	S:11, T:17S, R:31E	6,822	O	Active Permit	Oct 2009	Nov 2012	25.30
30-015-05131	WESTBROOK OIL CORP	LEA C	003	EDDY	S:11, T:17S, R:31E	3,953	O	Temporarily Abandoned	Jan 1963	Sep 1991	26.00
30-015-20697	WESTBROOK OIL CORP	LEA C	012	EDDY	S:11, T:17S, R:31E	3,995	O	Pumping	Sep 1972	Dec 1977	27.13
30-015-20704	WESTBROOK OIL CORP	LEA C	013	EDDY	S:11, T:17S, R:31E	4,000	O	Temporarily Abandoned	Oct 1972	Jun 1977	27.43
30-015-20678	WESTBROOK OIL CORP	LEA C	010	EDDY	S:11, T:17S, R:31E	3,954	O	Active	Aug 1972	Dec 1977	30.97
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	40.67
30-015-05130	WESTBROOK OIL CORP	LEA C	002	EDDY	S:11, T:17S, R:31E		O	Active	Oct 1959	Dec 2012	44.97
30-015-05133	WESTBROOK OIL CORP	LEA C	005	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1963	Dec 2012	47.89
30-015-05130	SKELLY OIL CO.	LEA FED C	002	EDDY	S:11, T:17S, R:31E		O	Active	Jan 1960	Dec 1962	47.97
30-015-37444	CHEVRON U S A INC	TEX MACK 11 FEDERAL	11	EDDY	S:11, T:17S, R:31E	6,830	O	Active Permit	Aug 2012	Nov 2012	49.43
30-015-05132	WESTBROOK OIL CORP	LEA C	004	EDDY	S:11, T:17S, R:31E	3,798	O	Temporarily Abandoned	Jan 1963	Dec 2012	55.07
30-015-38375	CHEVRON U S A INC	TEX MACK 11 FEDERAL	015	EDDY	S:11, T:17S, R:31E	6,730	O	Active Permit	Feb 2012	Nov 2012	56.84
30-015-39311	CHEVRON U S A INC	TEX MACK 11 FEDERAL	042	EDDY	S:11, T:17S, R:31E	7,020	O	Active Permit	Jul 2012	Oct 2012	57.71
30-015-36851	CHEVRON U S A INC	TEX MACK 11 FEDERAL	10	EDDY	S:11, T:17S, R:31E	6,663	O	Active Permit	May 2012	Nov 2012	57.80
30-015-20707	WESTBROOK OIL CORP	LEA C	016	EDDY	S:11, T:17S, R:31E	4,060	O	Pumping	Oct 1972	Dec 1977	58.10
30-015-05133	SKELLY OIL CO.	LEA FED C	005	EDDY	S:11, T:17S, R:31E		O	Active	Jul 1961	Dec 1962	63.39
30-015-37823	CHEVRON U S A INC	TEX MACK 11 FEDERAL	039	EDDY	S:11, T:17S, R:31E	6,897	O	Active Permit	Apr 2011	Nov 2012	65.23
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	Nov 2012	66.58
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	Nov 2012	68.26
30-015-05129	SKELLY OIL CO.	LEA FED C	001	EDDY	S:11, T:17S, R:31E		O	Pumping	Jan 1960	Dec 1962	70.10
30-015-40010	CHEVRON U S A INC	TEX MACK 11 FEDERAL	057	EDDY	S:11, T:17S, R:31E	6,861	O	Active Permit	Aug 2012	Nov 2012	70.50
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	73.40
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	Nov 2012	74.06
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	Nov 2012	82.00

30-015-40011	CHEVRON U S A INC	TEX MACK 11 FEDERAL	061	EDDY	S:11, T:17S, R:31E	6,831	O	Active Permit	Aug 2012	Nov 2012	85.10
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	Nov 2012	86.37
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	Nov 2012	86.84
30-015-40009	CHEVRON U S A INC	TEX MACK 11 FEDERAL	32	EDDY	S:11, T:17S, R:31E	6,872	O	Active Permit	Aug 2012	Nov 2012	93.17
30-015-29720	CHEVRON U S A INC	TEXMACK 11 FEDERAL	1	EDDY	S:11, T:17S, R:31E	12,359	O	Flowing	May 2012	Nov 2012	100.60
30-015-38381	CHEVRON U S A INC	TEX MACK 11 FEDERAL	041	EDDY	S:11, T:17S, R:31E	6,747	O	Active Permit	Apr 2012	Nov 2012	104.48
30-015-37822	CHEVRON U S A INC	TEX MACK 11 FEDERAL	027	EDDY	S:11, T:17S, R:31E	6,861	O	Active Permit	Apr 2011	Nov 2012	109.03
30-015-40008	CHEVRON U S A INC	TEX MACK 11 FEDERAL	028	EDDY	S:11, T:17S, R:31E	6,834	O	Active Permit	Aug 2012	Nov 2012	109.40
30-015-39144	CHEVRON U S A INC	TEX MACK 11 FEDERAL	063	EDDY	S:11, T:17S, R:31E	6,959	O	Active Permit	Aug 2012	Nov 2012	138.47
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	Nov 2012	167.50
30-015-29720	CHEVRON U S A INC	TEXMACK 11 FEDERAL	1	EDDY	S:11, T:17S, R:31E	12,359	O	Flowing	Nov 1997	Dec 2010	4940.55
30-015-20627	WESTBROOK OIL CORP	LEA C	007	EDDY	S:11, T:17S, R:31E	3,970	O	Temporarily Abandoned	Nov 2012	Dec 2012	
30-015-20648	WESTBROOK OIL CORP	LEA C	009	EDDY	S:11, T:17S, R:31E	3,950	U	Temporarily Abandoned	Nov 2012	Dec 2012	
30-015-20679	WESTBROOK OIL CORP	LEA C	011	EDDY	S:11, T:17S, R:31E	3,930	I	Temporarily Abandoned	May 2007	Dec 2012	
30-015-20704	WESTBROOK OIL CORP	LEA C	013	EDDY	S:11, T:17S, R:31E	4,000	O	Temporarily Abandoned	Sep 2012	Dec 2012	
30-015-20706	WESTBROOK OIL CORP	LEA C	015	EDDY	S:11, T:17S, R:31E	4,030	O	Temporarily Abandoned	Sep 2012	Dec 2012	
30-015-37822	CHEVRON U S A INC	TEX MACK 11 FEDERAL	027	EDDY	S:11, T:17S, R:31E	6,861	O	Active Permit	Feb 2012	Feb 2012	

Well name: Tex Mack 11 Federal #116H
Operator: COG Operating LLC
Legal: SEC11 T17S-R31E UL-L, K, J, & I
of Eddy County NM

Non Standard Location
Operator: COG Operating LLC/ZPZ Delaware I
LLC
Legal: SEC11 T17S-R31E UL-P of Eddy
County NM

Non Standard Location
Operator: COG Operating LLC/Chevron USA
Legal: SEC11 T17S-R31E UL-M of Eddy
County NM



Plan Proposal

FOR

**COG Operating, LLC
Tex Mack 11 Federal #116H
Eddy Co., NM**

Design #1

Presented By:

**Aaron Boger
Account Manager**

**Bret Wolford
Well Planner**

**SHL
1525' FSL & 330' FWL
Penetration Point
1650' FSL & 339' FEL
PBHL
1650' FSL & 330' FEL**

Attacher



COG Operating, LLC

Eddy County(NM27E)

Sec.11-T17S-R31E

Tex Mack 11 Federal #116H

Wellbore #1

Plan: Design #1

Standard Planning Report

08 February, 2013

Archer

Database: EDM 5000.1 Single User Db
Company: COG Operating, LLC
Project: Eddy County(NM27E)
Site: Sec.11-T17S-R31E
Well: Tex Mack 11 Federal #116H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference: Well Tex Mack 11 Federal #116H
TVD Reference: WELL @ 3941.00usft (Original Well Elev)
MD Reference: WELL @ 3941.00usft (Original Well Elev)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project	Eddy County(NM27E), ,		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Sec.11-T17S-R31E		
Site Position:		Northing:	671,813.200 usft
From:	Map	Easting:	649,263.500 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"
		Latitude:	32° 50' 45.440 N
		Longitude:	103° 50' 50.342 W
		Grid Convergence:	0.26 °

Well	Tex Mack 11 Federal #116H		
Well Position	+N-S	0.00 usft	Northing: 671,813.200 usft
	+E-W	0.00 usft	Easting: 649,263.500 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 50' 45.440 N
		Longitude:	103° 50' 50.342 W
		Ground Level:	3,927.00 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	01/14/13	7.57	60.67	48,798

Design	Design #1			
Audit Notes:				
Version:	Phase:	PROTOTYPE	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N-S (usft)	+E-W (usft)	Direction (°)
	0.00	0.00	0.00	88.04

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5,979.21	0.00	0.00	5,979.21	0.00	0.00	0.00	0.00	0.00	0.00	
6,806.48	91.00	88.04	6,500.00	18.13	529.65	11.00	11.00	0.00	88.04	Tex Mack 11 Fed #116
10,897.95	91.00	88.04	6,428.60	158.10	4,618.10	0.00	0.00	0.00	0.00	Tex Mack 11 Fed #116



Database: EDM 5000.1 Single User Db
Company: COG Operating, LLC
Project: Eddy County(NM27E)
Site: Sec.11-T17S-R31E
Well: Tex Mack 11 Federal #116H
Wellbore: Wellbore #1
Design: Design #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well Tex Mack 11 Federal #116H
WELL @ 3941.00usft (Original Well Elev)
WELL @ 3941.00usft (Original Well Elev)
Grid
Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
1,700.00	0.00	0.00	1,700.00	0.00	0.00	0.00	0.00	0.00	0.00
1,800.00	0.00	0.00	1,800.00	0.00	0.00	0.00	0.00	0.00	0.00
1,900.00	0.00	0.00	1,900.00	0.00	0.00	0.00	0.00	0.00	0.00
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
2,100.00	0.00	0.00	2,100.00	0.00	0.00	0.00	0.00	0.00	0.00
2,200.00	0.00	0.00	2,200.00	0.00	0.00	0.00	0.00	0.00	0.00
2,300.00	0.00	0.00	2,300.00	0.00	0.00	0.00	0.00	0.00	0.00
2,400.00	0.00	0.00	2,400.00	0.00	0.00	0.00	0.00	0.00	0.00
2,500.00	0.00	0.00	2,500.00	0.00	0.00	0.00	0.00	0.00	0.00
2,600.00	0.00	0.00	2,600.00	0.00	0.00	0.00	0.00	0.00	0.00
2,700.00	0.00	0.00	2,700.00	0.00	0.00	0.00	0.00	0.00	0.00
2,800.00	0.00	0.00	2,800.00	0.00	0.00	0.00	0.00	0.00	0.00
2,900.00	0.00	0.00	2,900.00	0.00	0.00	0.00	0.00	0.00	0.00
3,000.00	0.00	0.00	3,000.00	0.00	0.00	0.00	0.00	0.00	0.00
3,100.00	0.00	0.00	3,100.00	0.00	0.00	0.00	0.00	0.00	0.00
3,200.00	0.00	0.00	3,200.00	0.00	0.00	0.00	0.00	0.00	0.00
3,300.00	0.00	0.00	3,300.00	0.00	0.00	0.00	0.00	0.00	0.00
3,400.00	0.00	0.00	3,400.00	0.00	0.00	0.00	0.00	0.00	0.00
3,500.00	0.00	0.00	3,500.00	0.00	0.00	0.00	0.00	0.00	0.00
3,600.00	0.00	0.00	3,600.00	0.00	0.00	0.00	0.00	0.00	0.00
3,700.00	0.00	0.00	3,700.00	0.00	0.00	0.00	0.00	0.00	0.00
3,800.00	0.00	0.00	3,800.00	0.00	0.00	0.00	0.00	0.00	0.00
3,900.00	0.00	0.00	3,900.00	0.00	0.00	0.00	0.00	0.00	0.00
4,000.00	0.00	0.00	4,000.00	0.00	0.00	0.00	0.00	0.00	0.00
4,100.00	0.00	0.00	4,100.00	0.00	0.00	0.00	0.00	0.00	0.00
4,200.00	0.00	0.00	4,200.00	0.00	0.00	0.00	0.00	0.00	0.00
4,300.00	0.00	0.00	4,300.00	0.00	0.00	0.00	0.00	0.00	0.00
4,400.00	0.00	0.00	4,400.00	0.00	0.00	0.00	0.00	0.00	0.00
4,500.00	0.00	0.00	4,500.00	0.00	0.00	0.00	0.00	0.00	0.00
4,600.00	0.00	0.00	4,600.00	0.00	0.00	0.00	0.00	0.00	0.00
4,700.00	0.00	0.00	4,700.00	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	0.00	0.00	4,800.00	0.00	0.00	0.00	0.00	0.00	0.00
4,900.00	0.00	0.00	4,900.00	0.00	0.00	0.00	0.00	0.00	0.00
5,000.00	0.00	0.00	5,000.00	0.00	0.00	0.00	0.00	0.00	0.00
5,100.00	0.00	0.00	5,100.00	0.00	0.00	0.00	0.00	0.00	0.00
5,200.00	0.00	0.00	5,200.00	0.00	0.00	0.00	0.00	0.00	0.00
5,300.00	0.00	0.00	5,300.00	0.00	0.00	0.00	0.00	0.00	0.00

Database: EDM 5000.1 Single User Db
 Company: COG Operating, LLC
 Project: Eddy County(NM27E)
 Site: Sec.11-T17S-R31E
 Well: Tex Mack 11 Federal #116H
 Wellbore: Wellbore #1
 Design: Design #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Well Tex Mack 11 Federal #116H
 WELL @ 3941.00usft (Original Well Elev)
 WELL @ 3941.00usft (Original Well Elev)
 Grid
 Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N-S (usft)	+E-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,400.00	0.00	0.00	5,400.00	0.00	0.00	0.00	0.00	0.00	0.00
5,500.00	0.00	0.00	5,500.00	0.00	0.00	0.00	0.00	0.00	0.00
5,600.00	0.00	0.00	5,600.00	0.00	0.00	0.00	0.00	0.00	0.00
5,700.00	0.00	0.00	5,700.00	0.00	0.00	0.00	0.00	0.00	0.00
5,800.00	0.00	0.00	5,800.00	0.00	0.00	0.00	0.00	0.00	0.00
5,900.00	0.00	0.00	5,900.00	0.00	0.00	0.00	0.00	0.00	0.00
KOP - Build 11°/100'									
5,979.21	0.00	0.00	5,979.21	0.00	0.00	0.00	0.00	0.00	0.00
6,000.00	2.29	88.04	5,999.99	0.01	0.41	0.41	11.00	11.00	0.00
6,050.00	7.79	88.04	6,049.78	0.16	4.80	4.80	11.00	11.00	0.00
6,100.00	13.29	88.04	6,098.92	0.48	13.93	13.94	11.00	11.00	0.00
6,150.00	18.79	88.04	6,146.96	0.95	27.73	27.75	11.00	11.00	0.00
6,200.00	24.29	88.04	6,193.45	1.58	46.07	46.10	11.00	11.00	0.00
6,250.00	29.79	88.04	6,237.97	2.35	68.78	68.82	11.00	11.00	0.00
6,300.00	35.29	88.04	6,280.10	3.27	95.64	95.70	11.00	11.00	0.00
6,350.00	40.79	88.04	6,319.47	4.33	126.42	126.50	11.00	11.00	0.00
6,400.00	46.29	88.04	6,355.70	5.51	160.83	160.92	11.00	11.00	0.00
6,450.00	51.79	88.04	6,388.47	6.80	198.55	198.67	11.00	11.00	0.00
6,500.00	57.29	88.04	6,417.46	8.19	239.23	239.38	11.00	11.00	0.00
6,550.00	62.79	88.04	6,442.43	9.67	282.51	282.68	11.00	11.00	0.00
6,600.00	68.29	88.04	6,463.12	11.23	327.98	328.17	11.00	11.00	0.00
6,650.00	73.79	88.04	6,479.37	12.85	375.22	375.44	11.00	11.00	0.00
6,700.00	79.29	88.04	6,491.00	14.51	423.80	424.05	11.00	11.00	0.00
6,750.00	84.79	88.04	6,497.93	16.20	473.27	473.54	11.00	11.00	0.00
6,800.00	90.29	88.04	6,500.07	17.91	523.17	523.48	11.00	11.00	0.00
EOC - Hold to TD									
6,806.48	91.00	88.04	6,500.00	18.13	529.65	529.96	11.00	11.00	0.00
6,900.00	91.00	88.04	6,498.37	21.33	623.10	623.46	0.00	0.00	0.00
7,000.00	91.00	88.04	6,496.62	24.75	723.03	723.45	0.00	0.00	0.00
7,100.00	91.00	88.04	6,494.88	28.17	822.95	823.43	0.00	0.00	0.00
7,200.00	91.00	88.04	6,493.13	31.59	922.88	923.42	0.00	0.00	0.00
7,300.00	91.00	88.04	6,491.39	35.02	1,022.80	1,023.40	0.00	0.00	0.00
7,400.00	91.00	88.04	6,489.64	38.44	1,122.73	1,123.39	0.00	0.00	0.00
7,500.00	91.00	88.04	6,487.90	41.86	1,222.66	1,223.37	0.00	0.00	0.00
7,600.00	91.00	88.04	6,486.15	45.28	1,322.58	1,323.36	0.00	0.00	0.00
7,700.00	91.00	88.04	6,484.41	48.70	1,422.51	1,423.34	0.00	0.00	0.00
7,800.00	91.00	88.04	6,482.66	52.12	1,522.44	1,523.33	0.00	0.00	0.00
7,900.00	91.00	88.04	6,480.92	55.54	1,622.36	1,623.31	0.00	0.00	0.00
8,000.00	91.00	88.04	6,479.17	58.96	1,722.29	1,723.30	0.00	0.00	0.00
8,100.00	91.00	88.04	6,477.43	62.38	1,822.21	1,823.28	0.00	0.00	0.00
8,200.00	91.00	88.04	6,475.68	65.80	1,922.14	1,923.27	0.00	0.00	0.00
8,300.00	91.00	88.04	6,473.94	69.23	2,022.07	2,023.25	0.00	0.00	0.00
8,400.00	91.00	88.04	6,472.19	72.65	2,121.99	2,123.24	0.00	0.00	0.00
8,500.00	91.00	88.04	6,470.45	76.07	2,221.92	2,223.22	0.00	0.00	0.00
8,600.00	91.00	88.04	6,468.70	79.49	2,321.85	2,323.21	0.00	0.00	0.00
8,700.00	91.00	88.04	6,466.95	82.91	2,421.77	2,423.19	0.00	0.00	0.00
8,800.00	91.00	88.04	6,465.21	86.33	2,521.70	2,523.17	0.00	0.00	0.00
8,900.00	91.00	88.04	6,463.46	89.75	2,621.62	2,623.16	0.00	0.00	0.00
9,000.00	91.00	88.04	6,461.72	93.17	2,721.55	2,723.14	0.00	0.00	0.00
9,100.00	91.00	88.04	6,459.97	96.59	2,821.48	2,823.13	0.00	0.00	0.00
9,200.00	91.00	88.04	6,458.23	100.01	2,921.40	2,923.11	0.00	0.00	0.00
9,300.00	91.00	88.04	6,456.48	103.43	3,021.33	3,023.10	0.00	0.00	0.00
9,400.00	91.00	88.04	6,454.74	106.86	3,121.25	3,123.08	0.00	0.00	0.00

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Well Tex Mack 11 Federal #116H
WELL @ 3941.00usft (Original Well Elev)
WELL @ 3941.00usft (Original Well Elev)
Grid
Minimum Curvature

Planned Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
9,500.00	91.00	88.04	6,452.99	110.28	3,221.18	3,223.07	0.00	0.00	0.00
9,600.00	91.00	88.04	6,451.25	113.70	3,321.11	3,323.05	0.00	0.00	0.00
9,700.00	91.00	88.04	6,449.50	117.12	3,421.03	3,423.04	0.00	0.00	0.00
9,800.00	91.00	88.04	6,447.76	120.54	3,520.96	3,523.02	0.00	0.00	0.00
9,900.00	91.00	88.04	6,446.01	123.96	3,620.89	3,623.01	0.00	0.00	0.00
10,000.00	91.00	88.04	6,444.27	127.38	3,720.81	3,722.99	0.00	0.00	0.00
10,100.00	91.00	88.04	6,442.52	130.80	3,820.74	3,822.98	0.00	0.00	0.00
10,200.00	91.00	88.04	6,440.78	134.22	3,920.66	3,922.96	0.00	0.00	0.00
10,300.00	91.00	88.04	6,439.03	137.64	4,020.59	4,022.95	0.00	0.00	0.00
10,400.00	91.00	88.04	6,437.29	141.07	4,120.52	4,122.93	0.00	0.00	0.00
10,500.00	91.00	88.04	6,435.54	144.49	4,220.44	4,222.92	0.00	0.00	0.00
10,600.00	91.00	88.04	6,433.80	147.91	4,320.37	4,322.90	0.00	0.00	0.00
10,700.00	91.00	88.04	6,432.05	151.33	4,420.30	4,422.89	0.00	0.00	0.00
10,800.00	91.00	88.04	6,430.30	154.75	4,520.22	4,522.87	0.00	0.00	0.00
TD at 10897.95 - Tex Mack 11 Fed #116H PBHL									
10,897.95	91.00	88.04	6,428.60	158.10	4,618.10	4,620.81	0.00	0.00	0.00

Design Targets

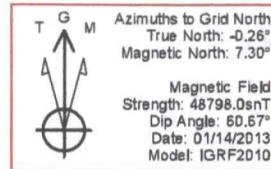
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
Tex Mack 11 Fed #116H	0.00	0.00	6,428.60	158.10	4,618.10	671,971.300	653,881.600	32° 50' 46.791 N	103° 49' 56.202 W
- hit/miss target									
- Shape									
- plan hits target center									
- Point									

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
5,979.21	5,979.21	0.00	0.00	KOP - Build 11°/100'
6,806.48	6,500.00	18.13	529.65	EOC - Hold to TD
10,897.95	6,428.60	158.10	4,618.10	TD at 10897.95



Project: Eddy County(NM27E)
 Site: Sec.11-T17S-R31E
 Well: Tex Mack 11 Federal #116H
 Wellbore: Wellbore #1
 Design: Design #1
 Lat: 32° 50' 45.440 N
 Long: 103° 50' 50.342 W
 GL: 3927.00
 KB: WELL @ 3941.00usft (Original Well Elev)



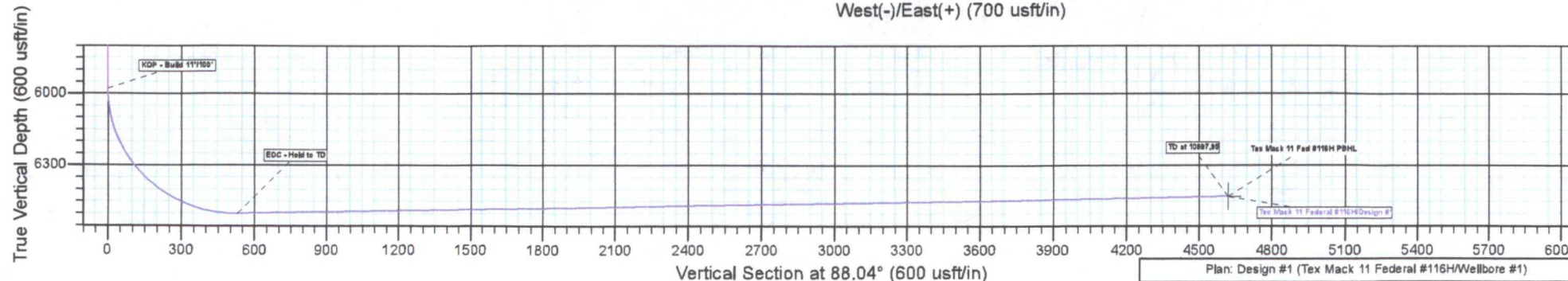
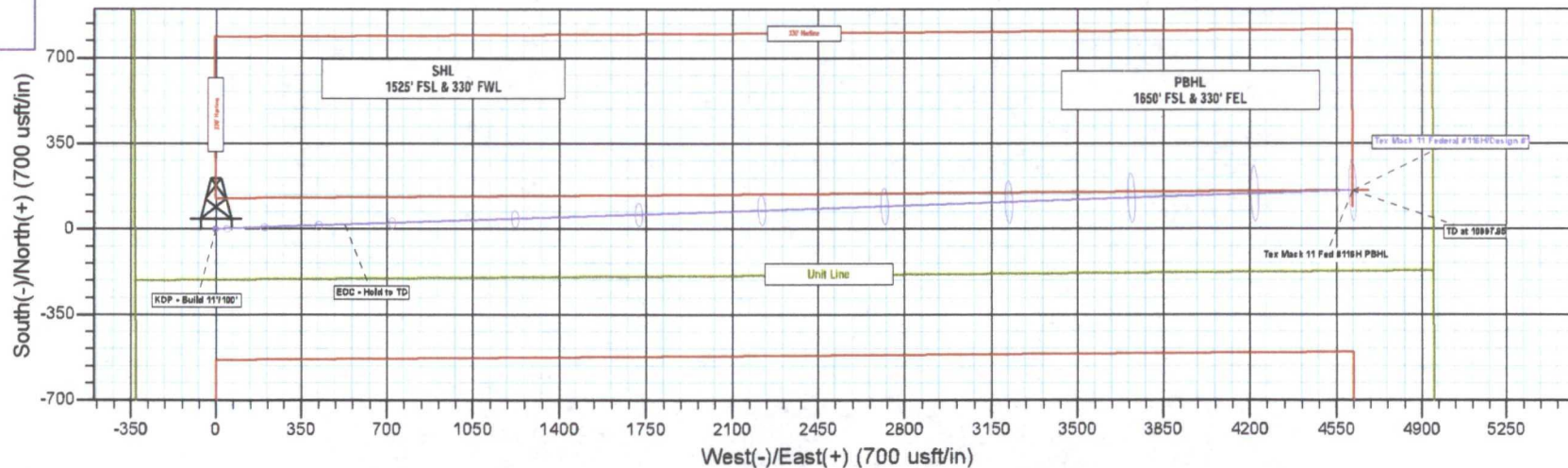
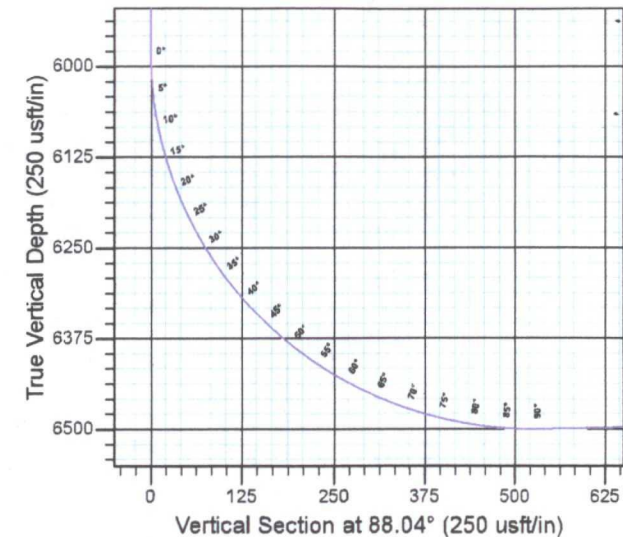
SECTION DETAILS									
MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	Vsect	Annotation
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
5979.21	0.00	0.00	5979.21	0.00	0.00	0.00	0.00	0.00	KOP - Build 11'/100'
8806.48	91.00	88.04	6500.00	18.13	529.65	11.00	88.04	529.96	EOC - Hold to TD
10897.95	91.00	88.04	6428.60	158.10	4618.10	0.00	0.00	4620.81	TD at 10897.95

WELL DETAILS: Tex Mack 11 Federal #116H									
+N/-S	+E/-W	Northing	Ground Level:	3927.00	Longitude	Slot			
0.00	0.00	671813.200	Easting	649263.500	32° 50' 45.440 N	103° 50' 50.342 W			

PROJECT DETAILS: Eddy County(NM27E)
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level

WELLBORE TARGET DETAILS (LAT/LONG)							
Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape	Point
Tex Mack 11 Fed #116H PBHL	6428.60	158.10	4618.10	32° 50' 46.791 N	103° 49' 56.202 W		

SITE DETAILS: Sec.11-T17S-R31E
 Site Centre Latitude: 32° 50' 45.440 N
 Longitude: 103° 50' 50.342 W
 Positional Uncertainty: 0.00
 Convergence: 0.26
 Local North: Grid



Plan: Design #1 (Tex Mack 11 Federal #116H/Wellbore #1)
 Created By: Lando Hiler Date: 14:02, February 08 2013

**COG OPERATING LLC
ONE CONCHO CENTER
600 W ILLINOIS AVE
MIDLAND, TX 79701**

April 2, 2013

ZPZ Delaware I, LLC
Attn: Lee Scarborough
303 Veterans Airpark Ln Ste 3000
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 Fren: GLORIETA-YESO EAST oil well.

**Tex Mack 11 Federal #116H
Eddy County, NM**

**SHL: 1525' FSL & 330' FWL Sec 11, T17S, R31E, Unit L
BHL: 1650' FSL & 330' FEL Sec 11, T17S, R31E, Unit I**

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



Kelly J. Holly
Permitting Tech – NM Regulatory
432-685-4384
kholly@concho.com

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.		A. Signature X <i>[Signature]</i> ☐ Agent ☐ Addressee	
1. Article Addressed to: ZPZ Delaware I, LLC Attn: Lee Scarborough 303 Veterans Airpark Ln Ste 3000 Midland TX 79705		B. Received by (Printed Name)	C. Date of Delivery 4-10-13
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
		3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.	
		4. Restricted Delivery? (Extra Fee) ☐ Yes	
2. Article Number (Transfer from service label)		91 7199 9991 7030 0512 1533	
PS Form 3811, February 2004		Domestic Return Receipt	
		102595-02-M-1540	

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USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

COG Operating LLC
One Concho Center
Attn: Kelly Holly
600 W Illinois Ave
Midland, TX 79701

**COG OPERATING LLC
ONE CONCHO CENTER
600 W ILLINOIS AVE
MIDLAND, TX 79701**

April 2, 2013

Chevron USA
P.O. Box 1635
Houston, TX 77251

Re: Request for Unorthodox Well Location

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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 Fren: GLORIETA-YESO EAST oil well.

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1. Article Addressed to: Chevron USA P.O. Box 1635 Houston, TX 77251		B. Received by (Printed Name) Anthony Alleyne	C. Date of Delivery 4-12-13
		D. Is delivery address different from item 1? ☐ Yes If YES, enter delivery address below: ☐ No	
		3. Service Type ☐ Certified Mail ☐ Express Mail ☐ Registered ☐ Return Receipt for Merchandise ☐ Insured Mail ☐ C.O.D.	
		4. Restricted Delivery? (Extra Fee) ☐ Yes	
2. Article Number (Transfer from service label)		91 7199 9991 7030 0512 1540	
PS Form 3811, February 2004		Domestic Return Receipt	
		102595-02-M-1540	

UNITED STATES POSTAL SERVICE


First-Class Mail
Postage & Fees Paid
USPS
Permit No. G-10

• Sender: Please print your name, address, and ZIP+4 in this box •

COG Operating LLC
One Concho Center
Attn: Kelly Holly
600 W Illinois Ave
Midland, TX 79701