Phone Number

ENGINEÉD

DB

DOGED IN 8/16/12

TYPE N5L

PKURIZZZ9S6535

ABOVE THIS LINE FOR DIVISION USE ONLY

NEW MEXICO OIL CONSERVATION DIVISION

- Engineering Bureau -

1220 South St. Francis Drive, Santa Fe, NM 87505



E-mail Address

COG Ownet StCom#4H

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] **IWFX-Waterflood Expansion [PMX-Pressure Maintenance Expansion] ISWD-Salt Water Disposall IIPI-Injection Pressure Increasel IEOR-Qualified Enhanced Oil Recovery Certification [PPR-Positive Production Response]** TYPE OF APPLICATION - Check Those Which Apply for [A] [1] Location - Spacing Unit - Simultaneous Dedication ⊠ NSL □ NSP □ SD Check One Only for [B] or [C] 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 **NOTIFICATION REQUIRED TO:** - Check Those Which Apply, or Does Not Apply [2] 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, Waivers are Attached [F][3] SUBMIT ACCURATE AND COMPLETE INFORMATION REQUIRED TO PROCESS THE TYPE OF APPLICATION INDICATED ABOVE. **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. 8-9-12 Kelly J. Holly Permitting Tech Print or Type Name Title (432) 685-4384 kholly@concho.com

Ouimet State Com #4H Eddy County, NM

COG proposes to drill a Horizontal 160 acre spacing Grayburg Jackson; SR-Q-G-SA Oil Well TVD of approximately 4228' and MD of approximately 8752'

Non-Standard Location:

SHL: 2420' FNL & 330' FEL Sec 2, T17S, R29E, Unit H BHL: 2310' FNL & 330' FWL Sec 2, T17S, R29E, Unit E

This well had to be drilled at a non-standard location due to buried pipelines.

This well is to be completed in the Empire; Glorieta-Yeso, East (96610) formation. We won't know the exact perfs until we drill & log it, but it will be very similar to the Folk Federal #4 which was completed in October 2007 and is located 2310' FNL & 2110' FWL, Unit F in Sec 17, T17S, R29E.

Folk Federal #4 has Yeso open perfs from: 4300' – 5160' overall, but broken up into 3 separate intervals, with 3 separate fracs:

1st interval: 4960' – 5160' acidized w/ 5000 gals, frac w/ 69,248 gals gel, & 61,172# 16/30 sand, & 5676# LiteProp

2nd interval: 4510' – 4710' acidized w/ 5000 gals, frac w/ 68,981 gals gel, & 61,488# 16/30 sand, & 5766# LiteProp

3rd interval: 4300' – 4440' acidized w/ 5000 gals, frac w/ 68,906 16/30 sand, & 4330# LiteProp

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 on is Unit I of Section 2.

Offset acreage is owned by Rubicon Oil & Gas. Proof of notification to Rubicon Oil & Gas is attached.

All 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) 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

API Number

DISTRICT IV

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

Pool Name

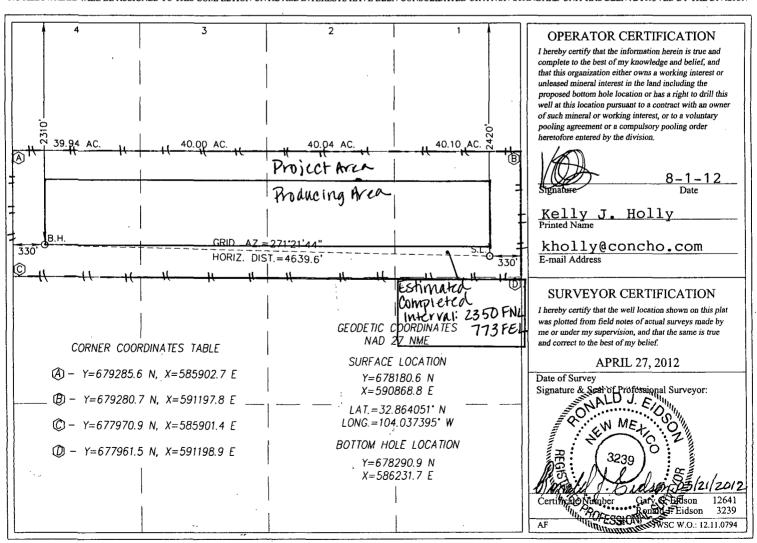
1220 S. St. Francis Dr., Santa Fe, NM 87505 Phone: (505) 476-3460 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

Pool Code

,	1114111001	i			ı				
30-015	-40419	9		28509	Gra	ayburg Jac	kson; SR-	Q-G-SA	
Property C	ode]			Property Nan	ne		We	ll Number
39292		}		OU	IMET STAT	ГЕ СОМ			4H
OGRID N	lo.				Operator Nan	ne		E	levation
229137	•			COC	OPERATI	NG, LLC		- :	3663'
					Surface Locat	ion			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
Н	2	17-S	29-E		2420	NORTH	- 330	EAST	EDDY
				Bottom Hol	e Location If Diff	erent From Surface			
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
E	2	17-S	29-E		2310	NORTH	330	WEST	EDDY
Dedicated Acres	Joint or	Infill C	onsolidation C	ode Ord	er No.			<u> </u>	
160				}					•

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



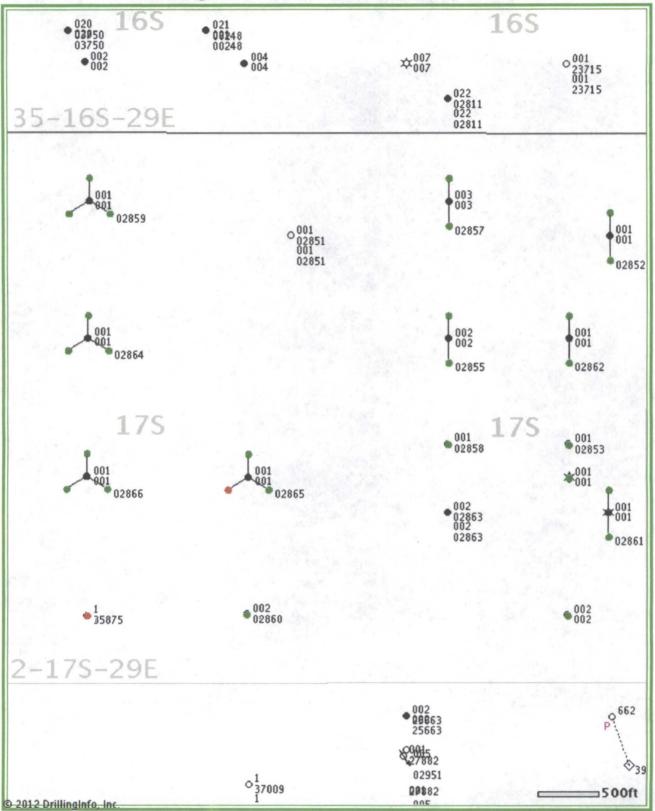
SECTION 2, TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M. **EDDY COUNTY NEW MEXICO** 600 PROP PAD CORNER 3664.0 PROP. PAD CORNER 3663.1 **OUIMET STATE COM #4H** ELEV. 3663.4' LAT.=32,864051° N LONG.=104.037395° W PROP PAD CORNE 3664.9 "CENTURION" BPL PROP. PAD CORNER 3664.2 COMP. STATION TRAIL RD 600 100 200 Feet 100 HHHHH Scale: 1"=100 OPERATING. DIRECTIONS TO LOCATION FROM THE INTERSECTION OF U.S. HWY. #82 AND CO. RD. #215 **OUIMET STATE COM #4H WELL** (KEWANEE) GO NORTH ON CO. RD. #215 APPROX. 2.9 MILËS. LOCATED 2420 FEET FROM THE NORTH LINE VEER LEFT AND GO NORTHWEST 279 FEET TO THIS LOCATION. AND 330 FEET FROM THE EAST LINE OF SECTION 2, PROVIDING SURVEYING SERVICES TOWNSHIP 17 SOUTH, RANGE 29 EAST, N.M.P.M., SINCE 1946 EDDY COUNTY, NEW MEXICO JOHN WEST SURVEYING COMPANY 412 N. DAL PASO Survey Date: 4/27/12 CAD Date: 5/21/12 Drawn By: AF HOBBS, N.M. 88240 W.O. No.: 12110794 Rev: Rel. W.O.: Sheet 1 of 1 (575) 393-3117 www.jwsc.biz © ABEL\2012\COG OPERATING, LLC\Wells

Producing wells in Sec 2, T17S, R29E, Eddy County

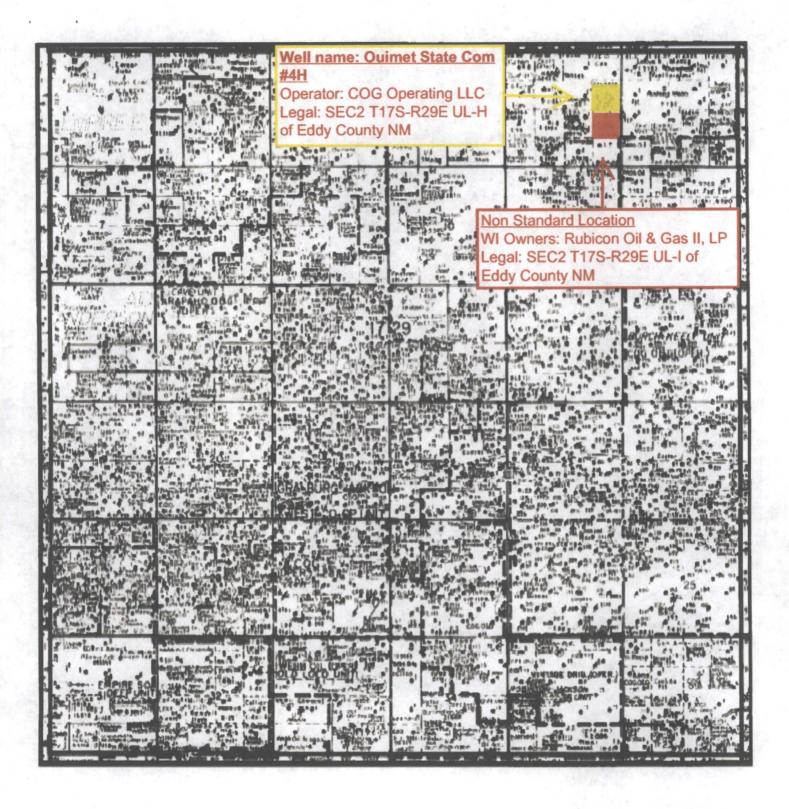
API#	Operator	Lease	Well#	County	Legal	Total Depth	Well Type	Well Status	First Prod.	Last Prod.	Avg. (BO/D)
30-015-02862		STATE C	001	EDDY	S:2, T:17S, R:29E		0	Active	Feb 1958	Oct 1968	0.00
30-01 5-02857	C F M OIL CO DBA LOUIS AND JUDY FULTON	MORGAN STATE	003	EDDY .	S:2, T:17S, R:29E	0	0	Temporarily Abandoned	Aug 2003	May 2011	0.03
30-01 5-02858	C F M OIL CO DBA LOUIS AND JUDY FULTON	ATLANTIC STATE	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Sep 1959	May 2011	0.03
30-01 5-02865	C F M OIL CO DBA LOUIS AND JUDY FULTON	STATE B	001	EDDY	S:2, T:17S, R:29E	2,586	0	Active	Jan 1958	Jun 2010	0.03
30-01 5-02866	HERMAN J LEDBETTER	ANDERSON STATE	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Jan 1958	Dec 1992	0.06
30-01 5-02864	SALSICH NEIL E	STATE AA	001	EDDY	S:2, T:17S, R:29E	. 0	0	Pumping	Jan 1958	Jul 1964	0.06
30-015-00000		GULF B STATE	002	EDDY	S:2, T:17S, R:29E		0	Active	Jan 1960	Apr 1960	0.13
30-015-02866	SPURCK WILLIAM	STATE	001	EDDY	S:2, T:17S, R:29E	o	0	Pumping	Jan 1958	Mar 1965	0.26
30-015-02865	SALSICH NEIL E	STATE AB	001	EDDY	S:2, T:17S, R:29E	2,586	0	Active	Jan 1960	Dec 1965	0.2 6
30-015-02861	R. D. COLLIER	GULF STATE	001	EDDY	S:2, T:17S, R:29E		G	Active	Jan 1964	Nov 1971	0.37
30-015-02852	C F M OIL CO DBA LOUIS AND JUDY FULTON	MORGAN STATE	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Feb 1959	May 2011	0.45
30-015-02855	C F M OIL CO DBA LOUIS AND JUDY FULTON	MORGAN STATE	002	EDDY	S:2, T:17S, R:29E	o	0	Active	Apr 1959	May 2011	0.48
30-015-02861	FRYMAN A D	GULF STATE SEC 2	001	EDDY	S:2, T:17S, R:29E		G	Active	Jan 1961	Dec 1962	0.68
30-015-02857		GULF STATE	003	EDDY	S:2, T:17S, R:29E	0.	0	Temporarily Abandoned	May 1959	Feb 1983	0.71
30-015-02864	C O FULTON	STATE A	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Jan 1958	Jul 2011	0.77
30-015-02859	GULF OIL CORPORATION	EDDY STATE A	001	EDDY	S:2, T:17S, R:29E	0	. 0	Pumping	Jan 1950	Dec 1957	0.90
30-015-02853	C F M OIL CO DBA LOUIS AND JUDY FULTON	KK STATE	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Jan 1967	May 2011	0.94
30-015-02859	C O FULTON	GULF STATE	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Jan 1956	Jul 2011	1.10
30-015-02859	GULF OIL CORPORATION	EDDY ST.	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Oct 1948	Dec 1953	1.29
30-015-02855	BRISCOE ORLANDO	GULF STATE	002	EDDY	S:2, T:17S, R:29E	0	0	Active	Jan 1960	Dec 1971	1.52
30-015-02852	BRISCOE ORLANDO	GULF STATE	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Jan 1960	Dec 1971	1.55
30-015-02860	MACY-TALMADGE, COWELL	STATE	002	EDDY	S:2, T:17S, R:29E		0	Active	Feb 1947	Jun 1950	1.57
					S:2, T:17S,						

30-015-02866	SPURCK, WILLIAM	ANDERSON ST.	001	EDDY	R:29E	0	0	Pumping	Feb 1957	Dec 1957	1.74
30-015-02862	SALSICH NEIL E	STATE AC	001	EDDY	S:2, T:17S, R:29E		0	Active	Jan 1960	Dec 1965	2.77
30-015-00000		STATE	001	EDDY	S:2, T:17S, R:29E		G	Active	Mar 1959	Dec 1969	3.61
30-015-35875	MEWBOURNE OIL CO	TETRA 2 STATE COM	1	EDDY	S:2, T:17S, R:29E	10,970	G	Active Permit	Apr 2008	Mar 2012	4.42
30-015-02864	SALSICH, NEIL E.	STATE AA	001	EDDY	S:2, T:17S, R:29E	0	0	Pumping	Sep 1957	Dec 1957	13.97
30-015-02865	SALSICH, NEIL E.	STATE AB	001	EDDY	S:2, T:17S, R:29E	2,586	0	Active	Oct 1957	Dec 1957	18.35

Producing wells in Sec 2, T17S, R29E, Eddy County



© 2012 Drilling Info, Inc. All rights reserved. All data and information is provided "As Is" and subject to the DI subscription agreement.



COG Operating LLC

Eddy County, NM Ouimet State Com 4H Ouimet State Com 4H

Wellbore #1

Plan: Plan #1

Surface: 2420' FNL, 330' FEL, Sec 2, T17S, R29E, Unit H BHL: 2310' FNL, 330' FWL, Sec 2, T17S, R29E, Unit E PP: 2350' FNL, 773' FEL, Sec 2 T17S, R29E, Unit H

Standard Planning Report

31 May, 2012

Crescent Directional Drilling

Planning Report

R5000 Houston DB Database: COG Operating LLC Company: Project: Eddy County, NM Site: Ouimet State Com 4H Well: Ouimet State Com 4H Wellbore: Wellbore #1

Local Co-ordinate Reference: TVD Reference: MD Reference: North Reference:

Survey Calculation Method:

Site Ouimet State Com 4H WELL @ 3681.00ft (Original Well Elev) WELL @ 3681.00ft (Original Well Elev)

Minimum Curvature

Eddy County, NM Project

Map System:

US State Plane 1927 (Exact solution)

Mean Sea Level

Geo Datum: Map Zone:

Design:

NAD 1927 (NADCON CONUS)

New Mexico East 3001

Plan #1

Ouimet State Com 4H

Site Position:

Northing:

678,180.60 ft

32.86404777

From: Position Uncertainty:

Easting: 0.00 ft

590,868.80 ft Longitude: Grid Convergence: -104.03739883 0.16 °

Slot Radius:

13.200 in

Well Ouimet State Com 4H

Well Position

+N/-S +E/-W

Мар

0.00 ft Northing: 0.00 ft Easting:

678,180.60 ft 590,868.80 ft

Longitude:

32.86404777

Position Uncertainty

0.00 ft

Wellhead Elevation:

5/31/2012

Ground Level:

-104.03739883 3,663.00 ft

Wellbore Wellbore #1

Magnetics IGRF2010 (°)

Dip Angle

60.67

Field Strength (nT)

48,852

Audit Notes:

Version:

PLAN

Tie On Depth:

0.00

Vertical Section:

Depth From (TVD) . (ft) 0.00

+E/-W (ft) 0.00 0.00

(°) 271.36

Measured	Inclination	Azimuth	Vertical	+N/-S	AE/AN	Dogleg Rate	Build Rate	Turn	TFO	
(ft)	(9)	(°)	(ft)	(ft)	(ft)	(°/100ft)	(°/100ft)	(°/100ft)	(°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3,822.61	0.00	0.00	3,822.61	0.00	0.00	0.00	0.00	0.00	0.00	
4,580.94	91.00	284.30	4,300.00	119.99	-470.75	12.00	12.00	0.00	284.30	
4,958.75	91.00	269.19	4,293.39	164.21	-844.79	4.00	0.00	-4.00	-89.89	
8,752.01	91.00	269.19	4,227.50	110.30	-4,637.10	0.00	0.00	0.00	0.00	PBHL (Ouimet State (

Crescent Directional Drilling

Planning Report

Database: Company: Project: Site: Well: R5000 Houston DB COG Operating LLC Eddy County, NM-Ouimet State Com 4H Ouimet State Com 4H

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

Site Ouimet State Com 4H.
WELL @ 3681.00ft (Original Well Elev)
WELL @ 3681.00ft (Original Well Elev)
Grid
Minimum Curvature

Wellbore: Wellbore #1
Design: Plan #1

0.00 12.00°/100° 9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60	284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30	Vertical Depth (ft) 3,892.61 3,895.95 4,084.66 4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	119.99 124.57 144.57 157.68	-6.06 -31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	Vertical. Section (ft) 0.00 6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	Turn (Rate (/100n) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 -4.00
0.00 12.00°/100° 9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD, 91.00 91.00 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 37.60 INC; 2 284.30 4275.54 279.54 271.54	3,899.66 3,995.95 4,084.66 4,161.91 4,224.34 4,269.21 4,299.66 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	0.00 1.55 8.05 19.35 34.96 54.20 76.22 100.07 113.00 88.VS 119.99 124.57 144.57 157.68	-6.06 -31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	Section (ft) 0.00 6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47 492.06	Rate (7/100ft) 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 4.00	Rate (*/100ff) 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	Rate (*/100ft) 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.
0.00 12.00°/100° 9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD, 91.00 91.00 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 37.60 INC; 2 284.30 4275.54 279.54 271.54	3,899.66 3,995.95 4,084.66 4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	0.00 1.55 8.05 19.35 34.96 54.20 76.22 100.07 113.00 88.VS 119.99 124.57 144.57 157.68	-6.06 -31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	0.00 6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	(2/100ft) 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	(°/100ff) 0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
0.00 12.00°/100° 9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD, 91.00 11 Turn @ 4.0 91.01 91.01 91.01 91.00 91.00 91.00	0.00 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 287.60 INC; 2 284.30 287.60 INC; 2 287.60 INC	3,899.66 3,995.95 4,084.66 4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	0.00 1.55 8.05 19.35 34.96 54.20 76.22 100.07 113.00 88.VS 119.99 124.57 144.57 157.68	0.00 -6.06 -31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	0.00 6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 4.00	0.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.00
9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD 91.00 91.01 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 387.60 INC; 2 280.7100' 283.54 279.54 275.54 271.54	3,899.66 3,995.95 4,084.66 4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	1.55 .8.05 .19.35 .34.96 .54.20 .76.22 .100.07 .113.00 .88 VS .119.99 .124.57 .144.57 .157.68	-6.06 -31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75	6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD 91.00 91.01 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 387.60 INC; 2 280.7100' 283.54 279.54 275.54 271.54	3,899.66 3,995.95 4,084.66 4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	1.55 .8.05 .19.35 .34.96 .54.20 .76.22 .100.07 .113.00 .88 VS .119.99 .124.57 .144.57 .157.68	-6.06 -31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75	6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00 0.0
9.29 21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD 91.00 91.00 91.01 91.01 91.01 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 284.30 387.60 INC; 2 284.30 300°/100° 283.54 279.54 275.54 271.54	3,995,95 4,084,66 4,161,91 4,224,34 4,269,21 4,294,56 4,299,66 284,30 AZ, 445,8 4,300,00 4,299,67 4,297,92 4,296,16 4,294,41	8.05 19.35 34.96 54.20 76.22 100.07 113.00 88.VS 119.99 124.57 144.57 157.68	-31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	6.10 31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
21.29 33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD 91.00 91.01 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 284.30 87.60 INC; 2 284.30 00°/100' 283.54 279.54 275.54 271.54	3,995,95 4,084,66 4,161,91 4,224,34 4,269,21 4,294,56 4,299,66 284,30 AZ, 445,8 4,300,00 4,299,67 4,297,92 4,296,16 4,294,41	8.05 19.35 34.96 54.20 76.22 100.07 113.00 88.VS 119.99 124.57 144.57 157.68	-31.57 -75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	31.75 76.35 137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
33.29 45.29 57.29 69.29 81.29 87.60 299.66 TVD 91.00 91.00 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 284.30 87.60 INC; 2 284.30 00°/100' 283.54 279.54 275.54 271.54	4,084.66 4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	19.35 34.96 54.20 76.22 100.07 113.00 88 VS 119.99 124.57 144.57 157.68	-75.91 -137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	76.35 137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00 0.00
45.29 57.29 69.29 81.29 87.60 299.66 TVD, 91.00 91.00 91.01 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 284.30 , 87.60 INC; 2 284.30 00°/100' 283.54 279.54 271.54	4,161.91 4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	34.96 54.20 76.22 100.07 113.00 88 VS 119.99 124.57 144.57 157.68	-137.15 -212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	137.95 213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00 0.00
57.29 69.29 81.29 87.60 299.66 TVD, 91.00 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 284.30 , 87.60 INC; 2 284.30 00°/100' 283.54 279.54 271.54	4,224.34 4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	54.20 76.22 100.07 113.00 88 VS 119.99 124.57 144.57 157.68	-212.63 -299.03 -392.58 -443.32 -470.75 -489.24 -587.18	213.86 300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00 0.00
69.29 81.29 87.60 299.66 TVD 91.00 91.00 91.01 91.01 91.00 91.00 91.00	284.30 284.30 284.30 ,87.60 INC; 2 284.30 00°/100' 283.54 279.54 275.54 271.54	4,269.21 4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	76.22 100.07 113.00 88.VS 119.99 124.57 144.57 157.68	-299.03 -392.58 -443.32 -470.75 -489.24 -587.18	300.76 394.85 445.88 473.47	12.00 12.00 12.00 12.00	12.00 12.00 12.00 12.00	0.00 0.00 0.00 0.00
81.29 87.60 299.66 TVD 91.00 11 Turn @ 4.0 91.01 91.01 91.00 91.00 91.00 91.00	284.30 284.30 , 87.60 INC; 2 284.30 00°/100° 283.54 279.54 275.54 271.54	4,294.56 4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	100.07 113.00 88 VS 119.99 124.57 144.57 157.68	-392.58 -443.32 -470.75 -489.24 -587.18	394.85 445.88 473.47 492.06	12.00 12.00 12.00 4.00	12.00 12.00 12.00 0.01	0.00 0.00 0.00
87.60 299.66 TVD, 91.00 rt Turn @ 4.0 91.00 91.01 91.01 91.00 91.00 91.00	284.30 , 87.60 INC; 2 284.30 00°/100° 283.54 279.54 275.54 271.54	4,299.66 284.30 AZ, 445.8 4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	113.00 88 VS 119.99 124.57 144.57 157.68	-443.32 -470.75 -489.24 -587.18	445.88 473.47 492.06	12.00 12.00 4.00	12.00 12.00 0.01	0.00 0.00 -4.00
299.66 TVD, 91.00 rt Turn @ 4.6 91.00 91.01 91.01 91.00 91.00 91.00	87.60 INC; 2 284.30 00°/100° 283.54 279.54 275.54 271.54	4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	119.99 124.57 144.57 157.68	-470.75 -489.24 -587.18	473.47 492.06	12.00 4.00	12.00 0.01	0.00
91.00 rt Turn @ 4.0 91.00 91.01 91.01 91.00 91.00 9° AZ	284.30 00°/100° 283.54 279.54 275.54 271.54	4,300.00 4,299.67 4,297.92 4,296.16 4,294.41	119.99 124.57 144.57 157.68	-489.24 -587.18	492.06	4.00	12.00 0.01	-4.00
91.00 91.01 91.01 91.01 91.00 91.00	283.54 279.54 275.54 271.54	4,299.67 4,297.92 4,296.16 4,294.41	124.57 144.57 157.68	-489.24 -587.18	492.06	4.00	0.01	-4.00
91.00 91.01 91.01 91.00 91.00	283.54 279.54 275.54 271.54	4,297.92 4,296.16 4,294.41	144.57 157.68	-587.18				
91.01 91.01 91.00 91.00 9* AZ	279.54 275.54 271.54	4,297.92 4,296.16 4,294.41	144.57 157.68	-587.18				
91.01 91.00 91.00 9° AZ	275.54 271.54	4,296.16 4,294.41	157.68		E00 40	400	0.00	4 00
91.00 91.00 9° AZ	271.54	4,294.41			590.46	4.00	0.00	-4.00
91.00 9° AZ		•	400 05	-686.29	689.84	4.00	0.00	-4.00
9° AZ	269.19		163.85	-786.06	789.73	4.00	-0.01	-4.00
	7	4,293.39	164.21	-844.79	848.46	4.00	-0.01	-4.00
91.00	is the con-						그 그렇게 했다	
	269.19	4,292.67	163.63	-886.03	889.67	0.00	0.00	0.00
91.00	269.19	4,290.93	162.21	-986.01	989.59	0.00	0.00	0.00
91.00	269.19	4,289.20	160.79	-1,085.98	1,089.50	0.00	0.00	0.00
91.00	269.19	4,287.46	159.36	-1,185.96	1,189.41	0.00	0.00	0.00
91.00	269.19	4,285.72	157.94	-1,285.93	1,289.33	. 0.00	0.00	0.00
91.00	269.19	4,283.98	156.52	-1,385.91	1,389.24	0.00	0.00	0.00
91.00	269.19	4,282.25	155,10	-1,485,88	1,489.15	0.00	0.00	0.00
91.00	269.19	4,280.51	153.68	-1,585.86	1,589.06	0.00	0.00	0.00
91.00	269.19	4,278.77	152.26	-1,685.83	1,688.98	0.00	0.00	0.00
91.00	269.19	4,277.04	150.84	-1,785.81	1,788.89	0.00	0.00	0.00
91.00	269,19	4,275.30	149.42	-1,885.78	1,888.80	0.00	0.00	0.00
91.00	269.19	4,273.56	147.99	-1,985.76	1.988.72	0.00	0.00	0.00
		•		•	•			0.00
91.00	269.19	4,270.09	145.15	-2,185.71	2,188.54	0.00	0.00	0.00
91.00	269.19	4,268.35	143.73	-2,285.68	2,288.45	0.00	00.0	0.00
91.00	269.19	4,266.62	142.31	-2,385.66	2,388.37	0.00	0.00	0.00
91.00	269 19	4 264 88	140 89	-2 485 63	2 488 28	0.00	0.00	0.00
		,		•	•			0.00
91.00	269.19	4,261.40	138.04	•		0.00	0.00	0.00
91.00	269.19	4,259.67	136.62	-2,785.56	2,788.02	0.00	0.00	0.00
91.00	269.19	4,257.93	135,20	-2,885.53	2,887.93	0.00	0.00	0.00
91 00	260 10	A 256 10	133.78	_2 QR5 51	2 987 84	0.00	0.00	0.00
								0.00
				•				0.00
								0.00
91.00	269.19	4,249.25	128.10	•	•	0.00	0.00	0.00
		•						
				•				0.00
					•			0.00
		•						0.00
								0.00 0.00
		-						
91.00	269.19	4,238.82	119.57	-3,985.25	3,986.97	0.00	0.00	0.00
								0.00 0.00
	91.00 91.00	91.00 269.19 91.00 269.19	91.00 269.19 4,287.46 91.00 269.19 4,285.72 91.00 269.19 4,283.98 91.00 269.19 4,282.25 91.00 269.19 4,280.51 91.00 269.19 4,278.77 91.00 269.19 4,277.04 91.00 269.19 4,275.30 91.00 269.19 4,275.36 91.00 269.19 4,271.83 91.00 269.19 4,268.35 91.00 269.19 4,268.35 91.00 269.19 4,266.62 91.00 269.19 4,261.40 91.00 269.19 4,263.14 91.00 269.19 4,259.67 91.00 269.19 4,256.19 91.00 269.19 4,256.19 91.00 269.19 4,256.19 91.00 269.19 4,250.98 91.00 269.19 4,250.98 91.00 269.19 4,249.25 <td< td=""><td>91.00 269.19 4,287.46 159.36 91.00 269.19 4,285.72 157.94 91.00 269.19 4,283.98 156.52 91.00 269.19 4,282.25 155.10 91.00 269.19 4,280.51 153.68 91.00 269.19 4,277.77 152.26 91.00 269.19 4,277.04 150.84 91.00 269.19 4,277.35 149.42 91.00 269.19 4,273.56 147.99 91.00 269.19 4,270.09 145.15 91.00 269.19 4,268.35 143.73 91.00 269.19 4,266.62 142.31 91.00 269.19 4,264.88 140.89 91.00 269.19 4,264.88 140.89 91.00 269.19 4,263.14 139.47 91.00 269.19 4,264.48 140.89 91.00 269.19 4,261.40 138.04 91.00 269.19 4,25</td><td>91.00 269.19 4,287.46 159.36 -1,185.96 91.00 269.19 4,285.72 157.94 -1,285.93 91.00 269.19 4,283.98 156.52 -1,385.91 91.00 269.19 4,282.25 155.10 -1,485.88 91.00 269.19 4,280.51 153.68 -1,585.86 91.00 269.19 4,278.77 152.26 -1,685.83 91.00 269.19 4,277.04 150.84 -1,785.81 91.00 269.19 4,275.30 149.42 -1,885.78 91.00 269.19 4,273.56 147.99 -1,985.76 91.00 269.19 4,271.83 146.57 -2,085.73 91.00 269.19 4,263.35 143.73 -2,285.68 91.00 269.19 4,266.62 142.31 -2,385.66 91.00 269.19 4,263.14 139.47 -2,585.61 91.00 269.19 4,261.40 138.04 -2,685.58 91.00 <t< td=""><td>91.00</td><td>91.00</td><td>91.00</td></t<></td></td<>	91.00 269.19 4,287.46 159.36 91.00 269.19 4,285.72 157.94 91.00 269.19 4,283.98 156.52 91.00 269.19 4,282.25 155.10 91.00 269.19 4,280.51 153.68 91.00 269.19 4,277.77 152.26 91.00 269.19 4,277.04 150.84 91.00 269.19 4,277.35 149.42 91.00 269.19 4,273.56 147.99 91.00 269.19 4,270.09 145.15 91.00 269.19 4,268.35 143.73 91.00 269.19 4,266.62 142.31 91.00 269.19 4,264.88 140.89 91.00 269.19 4,264.88 140.89 91.00 269.19 4,263.14 139.47 91.00 269.19 4,264.48 140.89 91.00 269.19 4,261.40 138.04 91.00 269.19 4,25	91.00 269.19 4,287.46 159.36 -1,185.96 91.00 269.19 4,285.72 157.94 -1,285.93 91.00 269.19 4,283.98 156.52 -1,385.91 91.00 269.19 4,282.25 155.10 -1,485.88 91.00 269.19 4,280.51 153.68 -1,585.86 91.00 269.19 4,278.77 152.26 -1,685.83 91.00 269.19 4,277.04 150.84 -1,785.81 91.00 269.19 4,275.30 149.42 -1,885.78 91.00 269.19 4,273.56 147.99 -1,985.76 91.00 269.19 4,271.83 146.57 -2,085.73 91.00 269.19 4,263.35 143.73 -2,285.68 91.00 269.19 4,266.62 142.31 -2,385.66 91.00 269.19 4,263.14 139.47 -2,585.61 91.00 269.19 4,261.40 138.04 -2,685.58 91.00 <t< td=""><td>91.00</td><td>91.00</td><td>91.00</td></t<>	91.00	91.00	91.00

Crescent Directional Drilling

Planning Report

R5000 Houston DB Local Co-ordinate Reference: Database: Site Ouimet State Com 4H Company: COG Operating LLC WELL @ 3681 00ft (Original Well Elev) TVD Reference: Project: Eddy County, NM MD Reference: WELL @ 3681.00ft (Original Well Elev) Site: Ouimet State Com 4H North Reference: Well: Ouimet State Com 4H Survey Calculation Method: Minimum Curvature Wellbore: Wellbore #1 Design: Plan #1

Planned Survey	esper en la management	amercajal nec		A Paris Land	ELECTRONIC STREET	namar baratan	Maria Carantes Anno 1921		President and the second
Measured	Inclination (Azımuth (°)	Vertical Depth (ft)	+N/-S (M)	+E/-W -,(ft)	Vertical Section (ft)	Dogleg Rate (*/100ft)	Build Rate (°/100ft)	Turn Rate (7/100N)
8.400.00	91.00	269.19	4.233.61	115.30	-4.285.18	4.286.71	0.00	0.00	0.00
8,500.00	91.00	269.19	4,231.88	113.88	-4,385.15	4,386.62	0.00	0.00	0.00
8,600.00	91.00	269.19	4,230.14	112.46	-4,485.13	4,486.53	0.00	0.00	0.00
8,700.00	91.00	269.19	4,228.40	111.04	-4,585.10	4,586.45	0.00	0.00	0.00
8,752.01	91.00	269.19	4,227.50	110.30	-4,637.10	4,638.41	0.00	0.00	0.00
TD @ 8752.01	I' MD, 4227.50' TV	D - PBHL (Ou	met State Com	4H Plan 1)				PRES	

Design Targets Target Name hit/miss target	Angle Di	p Dir.	TVD:	+N/S (m)	+E/-W (ff)	Northing (ft)	Easting (ft)	Latitude V	Longitude
PBHL (Ouimet State Cor - plan hits target center - Point	0.00	0.00	4,227.50	110.30	-4,637.10	678,290.90	586,231.70	32.86438576	-104.05249963

Plan Annotations	والماه والمستنب والمطاولة والمتاز والمتاز والمستواط والمتنافة	minimizer programme and the second programme according	والمقتون للنحاسول لايبياه تشياس بالساساة بس	Brown and to the state of the s
		The state of the s		
Measured	Vertical	Local Coord	inates 🏸 🛴 🧽	
Depth -	் [®] ் Depth ்	+N/-S	+E/-W	
(m)	(n) (s	, (ft),	(ft)	Comment
3,822.61	3,822.61	0.00	0.00	KOP - Start Build @ 12.00°/100'
4,552.63	4,299.66	113.00	-443.32	PP @ 4552.63 MD, 4299.66 TVD, 87.60 INC, 284.30 AZ, 445.88 VS
4,580.94	4,300.00	119.99	-470.75	Landing Point - Start Turn @ 4.00°/100'
4,958.75	4,293.39	164.21	-844.79	EOT - Hold @ 269.19° AZ
8,752.01	4,227.50	110.30	-4,637.10	TD @ 8752.01' MD, 4227.50' TVD



1500-

2000-

2500-

Vertical Depth (1000 fVin)

4500

-500

Vertical Section at 271,36° (1000 ft/in)

COG Operating LLC Ouimet State Com 4H Eddy County, NM Plan #1

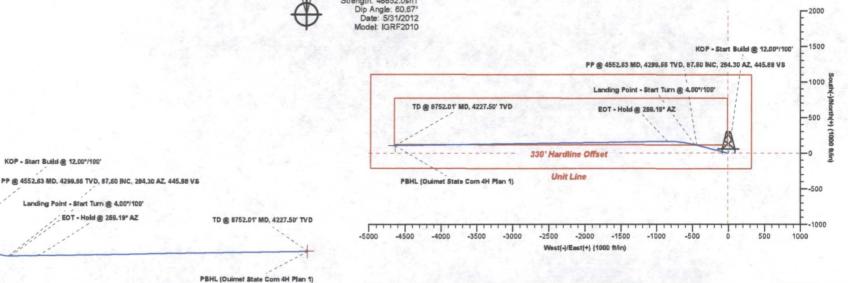


		TARG	ET DETAILS		9.5		7 135
Name	TVD	+N/-S	+E/-W	Northing	Easting 586231.70	Latitude	Longitude
PBHL (Ouimet State Com 4H Plan 1)	4227.50	110.30	-4637.10	678290.90		32.86438576	-104.05249963



Azimuths to Grid North True North: -0.16° Magnetic North: 7.57°

Magnetic Field Strength: 48852.0snT Dip Angle: 60.67° Date: 5/31/2012 Model: IGRF2010



						SECTIO	ON DETA	MLS		
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dieg	TFace	VSect	Annotation
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	3822.61	0.00	0.00	3822.61	0.00	0.00	0.00	0.00	0.00	KOP - Start Build @ 12.00°/100'
3	4580,94	91,00	284,30	4300,00	119,99	-470,75	12,00	284,30	473,47	Landing Point - Start Turn @ 4,00°/100
4	4958.75	91.00	269,19	4293.39	164.21	-844.79	4.00	-89.89	848.46	EOT - Hold @ 269.19° AZ
5	8752.01	91.00	269,19	4227,50	110.30	-4637.10	D.DD	0.00		TD @ 8752.01' MD, 4227.50' TVD

CONCHO

COG OPERATING LLC 550 W: TEXAS, SUITE 100 MIDLAND, TX 79701

August 1, 2012

Rubicon Oil & Gas II, LP 508 West Wall Avenue Midland TX 79701

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 Grayburg Jackson; SR-Q-G-SA oil well.

Ouimet State Com #4H Eddy County, NM

Non-Standard Location:

SHL: 2420' FNL & 330' FEL Sec 2, T17S, R29E, Unit H BHL: 2310' FNL & 330' FWL Sec 2, T17S, R29E, Unit E

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

432-685-4384 kholly@concho.com

COMPLETE THIS SECTION ON DELIVERY SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3. Also complete □ Agent item 4 if Restricted Delivery is desired. ☐ Addressee Print your name and address on the reverse so that we can return the card to you. C. Date of Delivery Attach this card to the back of the mailpiece, brandı or on the front if space permits. ☐ Yes D. Is delively address different from item 1? 1. Article Addressed to: If YES, enter delivery address below: Rubicon oil & Gas II, LP 508 West Wall Avenue Midland TX 79701 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-4429 91 7199 9991 7030 4014 (Transfer from service label) PS Form 3811, February 2004 **Domestic Return Receipt** 102595-02-M-1540

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

 COG Operating LLC
 Attn: Kelly Holly
 S50 W Texas Ave, Suite 100
 Midland, TX 79701

From:

Brooks, David K., EMNRD

Sent:

Tuesday, September 11, 2012 11:04 AM

To:

kholly@concho.com

Subject:

Ouimet State Com. #1H; NSL Application

Dear Ms. Holly

I note that this application states in one place that this well is to be in the Gayburg Jackson Seven Rivers-Queen-San Andres Pool, and a few lines down says it will be completed in the Empire Glorieta-Yeso. The notice letter to Rubicon identifies only the Grayburg Jackson.

Which is correct? If this is actually a Yeso well, a new notice letter will be needed.

Sincerely

David K. Brooks

From:

Brooks, David K., EMNRD

Sent:

Tuesday, September 11, 2012 2:05 PM

To:

Kautz, Paul, EMNRD

Subject:

FW: Ouimet State Com. #1H; NSL Application

Good Afternoon, Paul

I have been presented with the NSL application referenced in the below emails for COG's Ouimet State Com #4H, located in the S/2 N/2 of Section 2-17S-29E. It is shown on the C-102 and on OCD's well information screen as in the Grayburg Jackson Pool (28509).

COG says the pool is to be completed in the Yeso. As far as I can figure out, the Grayburg Jackson (28509) was expanded to include the Glorieta and part of the Yeso only within the horizontal limits of the Burch Keely Unit by Order R-10067. That area did not include Section 2 or any area within one mile of Section 2. Then that extension was undone by Order R-10067-E, leaving the base of the Grayburg Jackson (28509) as the top of the Glorieta. Thus, I am not sure how the Yeso in Section 2 can be in the Grayburg Jackson Pool.

Ordinarily, I am not particularly concerned with what pool is named in an NSL application because an NSL order approves a specific location, and whether statewide rules or special pool rules apply, the NSL order trumps the applicable rule. However, in this case, there is a notice issue since the notice letter sent to offsets identifies the well as being in the Grayburg Jackson Pool but does not state that it is to be completed in the Yeso.

Can you shed any light on this situation?

Sincerely

David

From: Kelly Holly [mailto:kholly@concho.com]
Sent: Tuesday, September 11, 2012 12:02 PM

To: Brooks, David K., EMNRD

Subject: RE: Ouimet State Com. #1H; NSL Application

Hi David,

It is in the Grayburg Jackson: SR-Q-G-SA 28509 Pool. It is in the Yeso formation.

Kelly Holly Permitting Tech-NM

One Concho Center, Floor 8 432.685.4384 (direct) kholly@concho.com

Mailing Address: One Concho Center 600 W Illinois Ave Midland, Texas 79701



**CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]

Sent: Tuesday, September 11, 2012 12:03 PM

To: Kelly Holly

Subject: Ouimet State Com. #1H; NSL Application

Dear Ms. Holly

I note that this application states in one place that this well is to be in the Gayburg Jackson Seven Rivers-Queen-San Andres Pool, and a few lines down says it will be completed in the Empire Glorieta-Yeso. The notice letter to Rubicon identifies only the Grayburg Jackson.

Which is correct? If this is actually a Yeso well, a new notice letter will be needed.

Sincerely

David K. Brooks

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

From:

Brooks, David K., EMNRD

Sent:

Tuesday, September 11, 2012 2:33 PM

To:

kholly@concho.com

Subject:

Ouimet State Com. #4H; NSL Application

Dear Ms. Holly

Paul Kautz in Hobbs confirms that this well incorrectly placed in the Grayburg Jackson Pool because that pool was never extended to include the Yeso in this area.

Since the notice to Rubicon identifies the well as being proposed in the Grayburg Jackson SR-Queen-Grayburg-San Andres Pool, and the Yeso is neither included in the Pool name nor actually included in that pool at that location, it seems that the notice identifying the Grayburg Jackson Pool is not sufficient to alert the offset operator that a Yeso completion is intended. Therefore, a new notice will be required.

Sincerely

David K. Brooks

From:

Kelly Holly <kholly@concho.com>

Sent:

Tuesday, September 18, 2012 9:57 AM

To:

Brooks, David K., EMNRD

Subject:

RE: Ouimet State Com. #4H; NSL Application

Hi David,

I have done some research and the correct pool should be the Empire Glorieta Yeso East 99610. I will do a sundry to change all of the Ouimet Wells. I will also send a new notification to Rubicon.

Do you need me to do another NSL for this well?

Kelly Holly Permitting Tech-NM

One Concho Center, Floor 8 432.685.4384 (direct) kholly@concho.com

Mailing Address:
One Concho Center
600 W Illinois Ave
Midland, Texas 79701

≫CONCHO

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]

Sent: Tuesday, September 11, 2012 3:32 PM

To: Kelly Holly

Subject: Ouimet State Com. #4H; NSL Application

Dear Ms. Holly

Paul Kautz in Hobbs confirms that this well incorrectly placed in the Grayburg Jackson Pool because that pool was never extended to include the Yeso in this area.

Since the notice to Rubicon identifies the well as being proposed in the Grayburg Jackson SR-Queen-Grayburg-San Andres Pool, and the Yeso is neither included in the Pool name nor actually included in that pool at that location, it seems that the notice identifying the Grayburg Jackson Pool is not sufficient to alert the offset operator that a Yeso completion is intended. Therefore, a new notice will be required.

Sincerely

David K. Brooks

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that

any Teview, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

From:

Brooks, David K., EMNRD

Sent:

Monday, October 22, 2012 3:52 PM

To:

kholly@concho.com

Subject:

Ouimet State Com. #4H; NSL Application

Attachments:

RE: Ouimet State Com. #4H; NSL Application

Dear Ms. Holly

Reference is made to your referenced application filed August 13, 2012.

There was a question about the correct pool for this location. This was resolved but required new notice since the original notice has specified the wrong pool. By email dated September 11, 2012, you advised that new notice would be sent, and furnished a copy of the proposed revised notice. However, we have never received any indication that new notice was sent.

Please confirm that the revised notice was in fact sent, so that we can issue an order and close this case.

Sincerely

David K. Brooks

From:

Kelly Holly <kholly@concho.com>

Sent:

Tuesday, October 23, 2012 7:31 AM

To:

Brooks, David K., EMNRD

Subject:

RE: Ouimet State Com. #4H; NSL Application

Attachments:

Ouimet State Com #4H NSL.pdf

Dear Mr. Brooks,

Please see attached revised letter and confirmation of notification sent to Rubicon.

Thank you.

Kelly Holly Permitting Tech-NM

One Concho Center, Floor 8 432.685.4384 (direct) kholly@concho.com

Mailing Address: One Concho Center 600 W Illinois Ave Midland, Texas 79701

場CONCHO

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you

From: Brooks, David K., EMNRD [mailto:david.brooks@state.nm.us]

Sent: Monday, October 22, 2012 4:52 PM

To: Kelly Holly

Subject: Ouimet State Com. #4H; NSL Application

Dear Ms. Holly

Reference is made to your referenced application filed August 13, 2012.

There was a question about the correct pool for this location. This was resolved but required new notice since the original notice has specified the wrong pool. By email dated September 11, 2012, you advised that new notice would be sent, and furnished a copy of the proposed revised notice. However, we have never received any indication that new notice was sent.

Please confirm that the revised notice was in fact sent, so that we can issue an order and close this case.

Sincerely

David K. Brooks

CONFIDENTIALITY NOTICE: The information in this email may be confidential and/or privileged. If you are not the intended recipient or an authorized representative of the intended recipient, you are hereby notified that any review, dissemination or copying of this email and its attachments, if any, or the information contained herein, is prohibited. If you have received this email in error, please immediately notify the sender by return email and delete this email from your system. Thank you.

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

September 18, 2012

Rubicon Oil & Gas II, LP 508 West Wall Avenue Midland TX 79701

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 Empire; Glorieta-Yeso, East (96610) oil well.

Ouimet State Com #4H Eddy County, NM

Non-Standard Location:

SHL: 2420' FNL & 330' FEL Sec 2, T17S, R29E, Unit H BHL: 2310' FNL & 330' FWL Sec 2, T17S, R29E, Unit E

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

432-685-4384 kholly@concho.com

				☐ Certified ☐ Rectision			Express Me Return Rec	all salot for Marchandi
							,	
			3.				Exormes Me	الد
		Ľ	8.	Service Typ				
Midland, TX 79701								
508 W Wall Avenue								
Rubicon Oil & Gas II, LP		- 11						
				If YES, ente	ic clearn	ery ac	acress Delo	W: LINO
1. Article Addressed to:			D.	is delivery a				
or on the front if space permits.	ilbioco,	- 11	(TANK	4	rc	en	101111111
so that we can return the card to you. Attach this card to the back of the ma	iloiece.	-	Æ,	Received by	y (Prin	ted N	lame) ,	C Tate of Delive
Print your name and address on the reso that we can return the card to you.	verse	-	-3		12	9		Address
Item 4 if Restricted Delivery is desired. Frint your name and address on the re		- []	X	ZYan	7 ,	2	1cm	☐ Agen
Complete items 1, 2, and 3. Also com	piete	- 11	A.	Signature		Ĺ	G	CT Amount
SENDER: COMPLETE THIS SECTION								JVEKE

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