

Submit 1 Copy To Appropriate District Office
District I - (505) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (505) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised August 1, 2011

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-015-40417
5. Indicate Type of Lease STATE ☒ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Quimet State Com
8. Well Number 2H
9. OGRID Number 229137
10. Pool name or Wildcat Empire; Glorieta Yeso East 96610

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐	
2. Name of Operator COG Operating LLC	
3. Address of Operator One Concho Center - 600 W Illinois Ave Midland, TX 79701	
4. Well Location Unit Letter A : 850 feet from the NORTH line and 330 feet from the EAST line Section 2 Township 17S Range 29E NMPM County EDDY	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3660'	

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: **Change BHL & TVD** ☒

OTHER: ☐

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

COG Operating LLC submitted APD for this well at this location:

SHL: 850' FNL 330' FEL, Unit A

BHL: 990' FNL 330' FWL, Unit D

COG Operating LLC respectfully requests permission to change the BHL:

SHL: 850' FNL 330' FEL, Unit A

BHL: 984' FNL 330' FWL, Unit D

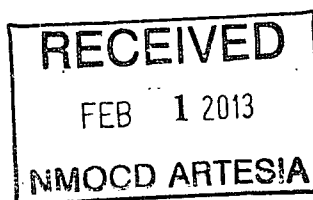
COG Operating LLC respectfully requests permission to change the TVD to 5300'.

Reason for changing the BHL is to avoid a Non-Standard location.

A revised C-102 and directional plan are attached for your review.

Spud Date:

Rig Release Date:



I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE TITLE **Permitting Tech** DATE **01/30/2013**

Type or print name **Kelly J. Holly** E-mail address: **kholly@concho.com** PHONE: **432-685-4384**

For State Use Only

APPROVED BY: TITLE **Geologist** DATE **2/4/2013**

Conditions of Approval (if any):

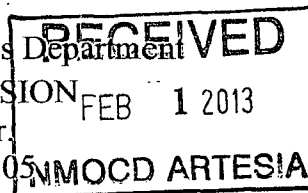
DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

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

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505



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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-40417	Pool Code 96610	Pool Name Empire; Glorieta Yeso, East
Property Code	Property Name OUMET STATE COM	Well Number 2H
OGRID No. 229137	Operator Name COG OPERATING, LLC	Elevation 3660'

Surface Location

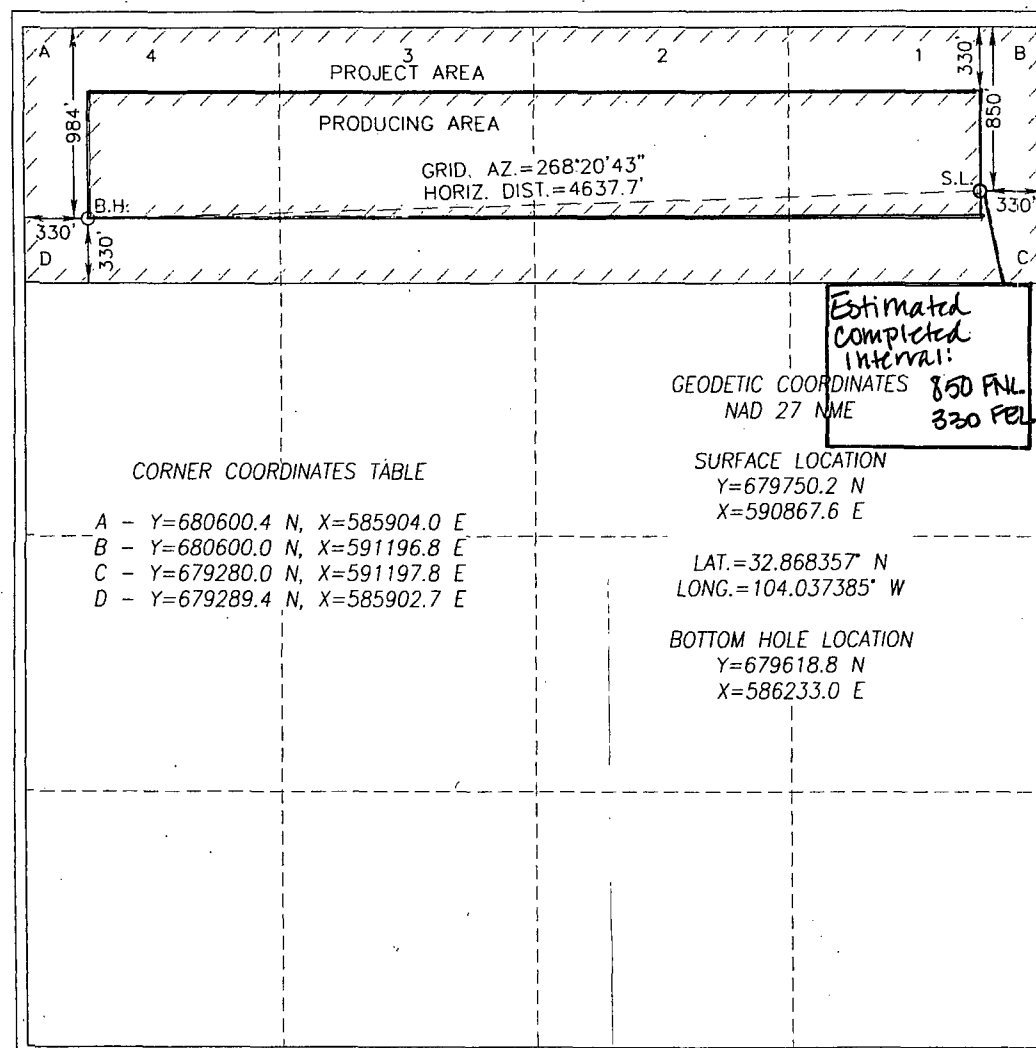
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
1	2	17-S	29-E		850	NORTH	330	EAST	EDDY

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
4	2	17-S	29-E		984	NORTH	330	WEST	EDDY

Dedicated Acres 160	Joint or Infill	Consolidation Code	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



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: *Kelly J. Holly* Date: **1-29-13**
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.

MAY 4, 2012

Date of Survey
Signature & Seal of Professional Surveyor:

GARY G. EIDSON
NEW MEXICO
12641
Certificate Number: **12641**
Gary G. Eidson
Ronald J. Eidson
3239
BKL REL. W/O. 12.11.0792 JWSC W.O. 13.13.0094

RECEIVED

FEB 1 2013

NMOCD ARTESIA

Plan Proposal

FOR

COG Operating, LLC
Ouimet State Com #2H
Eddy Co., NM

Design #2

Presented By:

Aaron Boger
Account Manager

Dusty Moyer
Well Planner

SHL
850' FNL & 330' FEL
Penetration Point
850' FNL & 330' FEL
PBHL
984' FNL & 330' FWL

ARTESIA

Archer

COG Operating, LLC

Eddy County(NM27E)

Sec.2-T17S-R29E

Ouimet State Com #2H

Wellbore #1

Plan: Design #2

Standard Planning Report

25 January, 2013



Database:	EDMDBBW	Local Co-ordinate Reference:	Well Ouimet State Com #2H
Company:	COG Operating, LLC	TVD Reference:	WELL @ 3674.00usft (Original Well Elev)
Project:	Eddy County(NM27E)	MD Reference:	WELL @ 3674.00usft (Original Well Elev)
Site:	Sec.2-T17S-R29E	North Reference:	Grid
Well:	Ouimet State Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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.2-T17S-R29E		
Site Position:		Northing:	678,180.600 usft
From:	Map	Easting:	590,868.800 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"
		Latitude:	32° 51' 50.585 N
		Longitude:	104° 2' 14.622 W
		Grid Convergence:	0.16 °

Well:	Ouimet State Com #2H		
Well Position	+N/-S	1,569.60 usft	Northing:
	+E/-W	-1.20 usft	Easting:
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 52' 6.117 N
		Longitude:	104° 2' 14.584 W
		Ground Level:	3,660.00 usft

Wellbore:	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2010	01/14/13	7.66
			Dip Angle
			(°)
			Field Strength
			(nT)
			48,792

Design:	Design #2		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth:
			0.00
Vertical Section	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.00	0.00	0.00
			Direction
			(°)
			268.38

Plan Sections										
Measured Depth	Inclination	Azimuth	Vertical Depth	+N/-S	+E/-W	Dogleg Rate	Build Rate	Turn Rate	TFO	Target
(usft)	(°)	(°)	(usft)	(usft)	(usft)	(°/100usft)	(°/100usft)	(°/100usft)	(°)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4,779.21	0.00	0.00	4,779.21	0.00	0.00	0.00	0.00	0.00	0.00	
5,606.48	91.00	268.38	5,300.00	-15.02	-529.75	11.00	11.00	0.00	268.38	Ouimet State Com #2
9,713.61	91.00	268.38	5,228.32	-131.40	-4,634.60	0.00	0.00	0.00	0.00	Ouimet State Com #2



Database:	EDMDBBW	Local Co-ordinate Reference:	Well Ouimet State Com #2H
Company:	COG Operating, LLC	TVD Reference:	WELL @ 3674.00usft (Original Well Elev)
Project:	Eddy County (NM27E)	MD Reference:	WELL @ 3674.00usft (Original Well Elev)
Site:	Sec.2-T17S-R29E	North Reference:	Grid
Well:	Ouimet State Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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
KOP - Build 11°/100'									
4,779.21	0.00	0.00	4,779.21	0.00	0.00	0.00	0.00	0.00	0.00
4,800.00	2.29	268.38	4,799.99	-0.01	-0.41	0.41	11.00	11.00	0.00
4,850.00	7.79	268.38	4,849.78	-0.14	-4.80	4.80	11.00	11.00	0.00
4,900.00	13.29	268.38	4,898.92	-0.40	-13.94	13.94	11.00	11.00	0.00
4,950.00	18.79	268.38	4,946.96	-0.79	-27.74	27.75	11.00	11.00	0.00

Database:	EDMDBBW	Local Co-ordinate Reference:	Well-Quimet State Com #2H
Company:	COG Operating, LLC	TVD Reference:	WELL @ 3674.00usft (Original Well Elev)
Project:	Eddy County(NM27E)	MD Reference:	WELL @ 3674.00usft (Original Well Elev)
Site:	Sec 2-T17S-R29E	North Reference:	Grid
Well:	Quimet State Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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)
5,000.00	24.29	268.38	4,993.45	-1.31	-46.08	46.10	11.00	11.00	0.00
5,050.00	29.79	268.38	5,037.97	-1.95	-68.79	68.82	11.00	11.00	0.00
5,100.00	35.29	268.38	5,080.10	-2.71	-95.66	95.70	11.00	11.00	0.00
5,150.00	40.79	268.38	5,119.47	-3.58	-126.45	126.50	11.00	11.00	0.00
5,200.00	46.29	268.38	5,155.70	-4.56	-160.86	160.92	11.00	11.00	0.00
5,250.00	51.79	268.38	5,188.47	-5.63	-198.59	198.67	11.00	11.00	0.00
5,300.00	57.29	268.38	5,217.46	-6.78	-239.28	239.38	11.00	11.00	0.00
5,350.00	62.79	268.38	5,242.43	-8.01	-282.56	282.68	11.00	11.00	0.00
5,400.00	68.29	268.38	5,263.12	-9.30	-328.04	328.17	11.00	11.00	0.00
5,450.00	73.79	268.38	5,279.37	-10.64	-375.29	375.44	11.00	11.00	0.00
5,500.00	79.29	268.38	5,291.00	-12.02	-423.88	424.05	11.00	11.00	0.00
5,550.00	84.79	268.38	5,297.93	-13.42	-473.35	473.54	11.00	11.00	0.00
5,600.00	90.29	268.38	5,300.07	-14.84	-523.27	523.48	11.00	11.00	0.00
EOC - Hold to TD									
5,606.48	91.00	268.38	5,300.00	-15.02	-529.75	529.96	11.00	11.00	0.00
5,700.00	91.00	268.38	5,298.37	-17.67	-623.21	623.46	0.00	0.00	0.00
5,800.00	91.00	268.38	5,296.62	-20.50	-723.16	723.45	0.00	0.00	0.00
5,900.00	91.00	268.38	5,294.88	-23.34	-823.10	823.43	0.00	0.00	0.00
6,000.00	91.00	268.38	5,293.13	-26.17	-923.05	923.42	0.00	0.00	0.00
6,100.00	91.00	268.38	5,291.39	-29.00	-1,022.99	1,023.40	0.00	0.00	0.00
6,200.00	91.00	268.38	5,289.64	-31.84	-1,122.94	1,123.39	0.00	0.00	0.00
6,300.00	91.00	268.38	5,287.90	-34.67	-1,222.88	1,223.37	0.00	0.00	0.00
6,400.00	91.00	268.38	5,286.15	-37.50	-1,322.83	1,323.36	0.00	0.00	0.00
6,500.00	91.00	268.38	5,284.41	-40.34	-1,422.77	1,423.34	0.00	0.00	0.00
6,600.00	91.00	268.38	5,282.66	-43.17	-1,522.72	1,523.33	0.00	0.00	0.00
6,700.00	91.00	268.38	5,280.92	-46.01	-1,622.66	1,623.31	0.00	0.00	0.00
6,800.00	91.00	268.38	5,279.17	-48.84	-1,722.60	1,723.30	0.00	0.00	0.00
6,900.00	91.00	268.38	5,277.43	-51.67	-1,822.55	1,823.28	0.00	0.00	0.00
7,000.00	91.00	268.38	5,275.68	-54.51	-1,922.49	1,923.27	0.00	0.00	0.00
7,100.00	91.00	268.38	5,273.94	-57.34	-2,022.44	2,023.25	0.00	0.00	0.00
7,200.00	91.00	268.38	5,272.19	-60.17	-2,122.38	2,123.24	0.00	0.00	0.00
7,300.00	91.00	268.38	5,270.45	-63.01	-2,222.33	2,223.22	0.00	0.00	0.00
7,400.00	91.00	268.38	5,268.70	-65.84	-2,322.27	2,323.21	0.00	0.00	0.00
7,500.00	91.00	268.38	5,266.95	-68.67	-2,422.22	2,423.19	0.00	0.00	0.00
7,600.00	91.00	268.38	5,265.21	-71.51	-2,522.16	2,523.17	0.00	0.00	0.00
7,700.00	91.00	268.38	5,263.46	-74.34	-2,622.11	2,623.16	0.00	0.00	0.00
7,800.00	91.00	268.38	5,261.72	-77.18	-2,722.05	2,723.14	0.00	0.00	0.00
7,900.00	91.00	268.38	5,259.97	-80.01	-2,822.00	2,823.13	0.00	0.00	0.00
8,000.00	91.00	268.38	5,258.23	-82.84	-2,921.94	2,923.11	0.00	0.00	0.00
8,100.00	91.00	268.38	5,256.48	-85.68	-3,021.88	3,023.10	0.00	0.00	0.00
8,200.00	91.00	268.38	5,254.74	-88.51	-3,121.83	3,123.08	0.00	0.00	0.00
8,300.00	91.00	268.38	5,252.99	-91.34	-3,221.77	3,223.07	0.00	0.00	0.00
8,400.00	91.00	268.38	5,251.25	-94.18	-3,321.72	3,323.05	0.00	0.00	0.00
8,500.00	91.00	268.38	5,249.50	-97.01	-3,421.66	3,423.04	0.00	0.00	0.00
8,600.00	91.00	268.38	5,247.76	-99.84	-3,521.61	3,523.02	0.00	0.00	0.00
8,700.00	91.00	268.38	5,246.01	-102.68	-3,621.55	3,623.01	0.00	0.00	0.00
8,800.00	91.00	268.38	5,244.27	-105.51	-3,721.50	3,722.99	0.00	0.00	0.00
8,900.00	91.00	268.38	5,242.52	-108.35	-3,821.44	3,822.98	0.00	0.00	0.00
9,000.00	91.00	268.38	5,240.78	-111.18	-3,921.39	3,922.96	0.00	0.00	0.00
9,100.00	91.00	268.38	5,239.03	-114.01	-4,021.33	4,022.95	0.00	0.00	0.00
9,200.00	91.00	268.38	5,237.29	-116.85	-4,121.28	4,122.93	0.00	0.00	0.00
9,300.00	91.00	268.38	5,235.54	-119.68	-4,221.22	4,222.92	0.00	0.00	0.00
9,400.00	91.00	268.38	5,233.80	-122.51	-4,321.16	4,322.90	0.00	0.00	0.00

Database:	EDMDBBW	Local Co-ordinate Reference:	Well Ouimet State Com #2H
Company:	COG Operating, LLC	TVD Reference:	WELL @ 3674.00usft (Original Well Elev)
Project:	Eddy County(NM27E)	MD Reference:	WELL @ 3674.00usft (Original Well Elev)
Site:	Sec.2-T17S-R29E	North Reference:	Grid
Well:	Ouimet State Com #2H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Design #2		

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	268.38	5,232.05	-125.35	-4,421.11	4,422.89	0.00	0.00	0.00
9,600.00	91.00	268.38	5,230.30	-128.18	-4,521.05	4,522.87	0.00	0.00	0.00
9,700.00	91.00	268.38	5,228.56	-131.01	-4,621.00	4,622.85	0.00	0.00	0.00
TD at 9713.61									
9,713.61	91.00	268.38	5,228.32	-131.40	-4,634.60	4,636.46	0.00	0.00	0.00

Design Targets									
Target Name	hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude Longitude
Ouimet State Com #2H	- plan hits target center	0.00	0.00	5,228.32	-131.40	-4,634.60	679,618.800	586,233.000	32° 52' 4.942 N 104° 3' 8.928 W
	- Point								

Plan Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
4,779.21	4,779.21	0.00	0.00	KOP - Build 11°/100'	
5,606.48	5,300.00	-15.02	-529.75	EOC - Hold to TD	
9,713.61	5,228.32	-131.40	-4,634.60	TD at 9713.61	



Project: Eddy County(NM27E)
 Site: Sec.2-T17S-R29E
 Well: Ouimet State Com #2H
 Wellbore: Wellbore #1
 Design: Design #2
 Lat: 32° 52' 6.117 N
 Long: 104° 2' 14.584 W
 GL: 3660.00
 KB: WELL @ 3674.00usft (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	
4779.21	0.00	0.00	4779.21	0.00	0.00	0.00	0.00	0.00	KOP - Build 11°100'
5606.48	91.00	268.38	5300.00	-15.02	-529.75	11.00	268.38	529.96	EOC - Hold to TD
9713.61	91.00	268.38	5228.32	-131.40	-4634.60	0.00	0.00	4636.46	TD at 9713.61

WELL DETAILS: Ouimet State Com #2H

+N/-S	+E/-W	Northing	Ground Level: Easting	3660.00 Latitude	Longitude	Slot
0.00	0.00	679750.200	590867.600	32° 52' 6.117 N	104° 2' 14.584 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

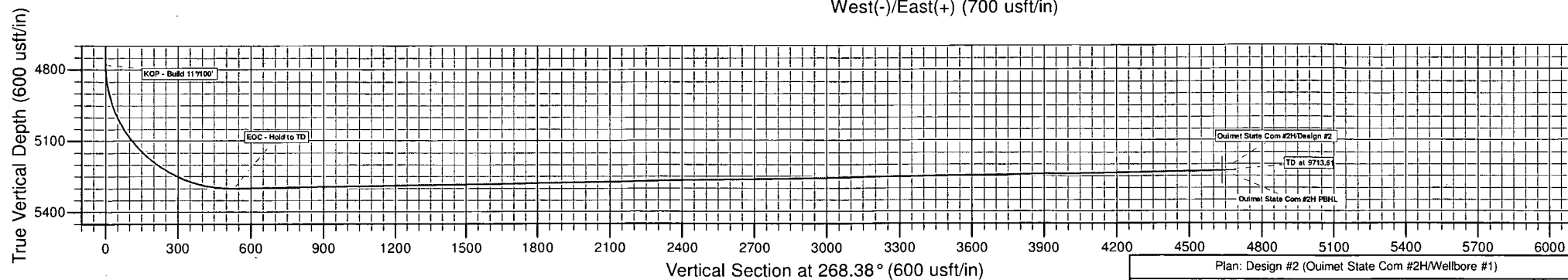
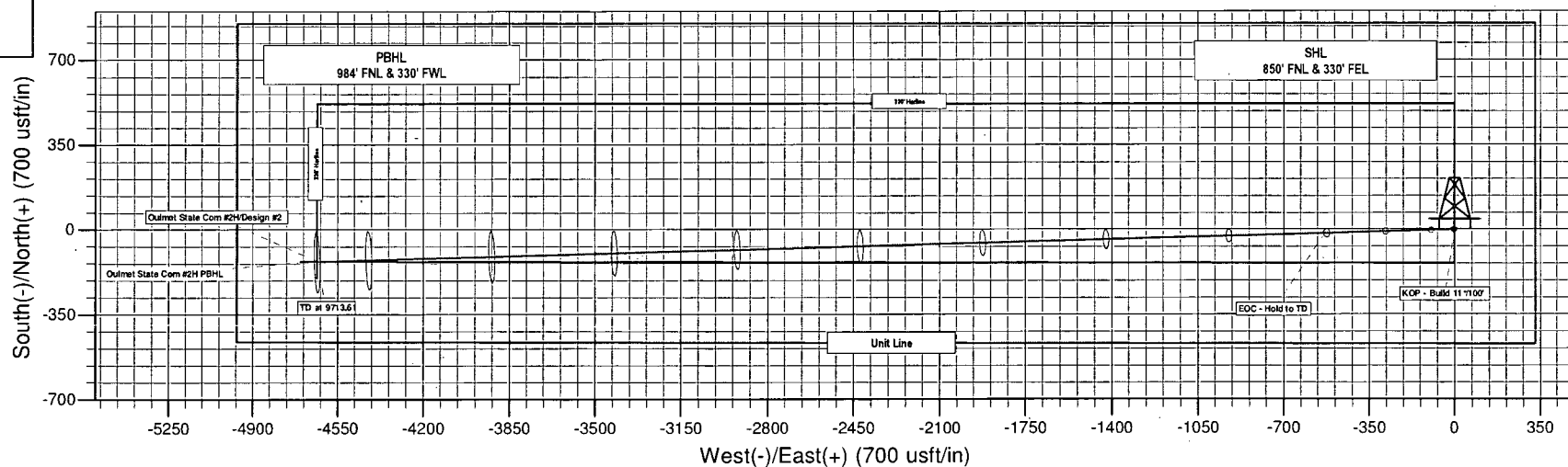
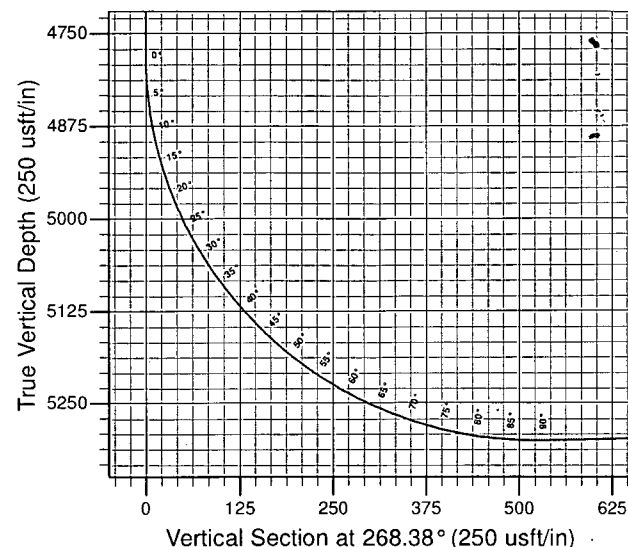
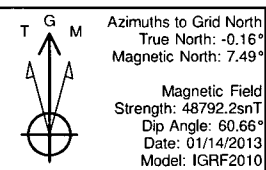
SITE DETAILS: Sec.2-T17S-R29E

Site Centre Latitude: 32° 51' 50.585 N
 Longitude: 104° 2' 14.622 W

Positional Uncertainty: 0.00
 Convergence: 0.16
 Local North: Grid

WELLBORE TARGET DETAILS (LAT/LONG)

Name	TVD	+N/-S	+E/-W	Latitude	Longitude	Shape Point
Ouimet State Com #2H PBHL	5228.32	-131.40	-4634.60	32° 52' 4.942 N	104° 3' 8.928 W	



Plan: Design #2 (Ouimet State Com #2H Wellbore #1)

Created By: Dusty Moyer Date: 12:46, January 25 2013