



Section Details

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	5229.1	0.00	0.00	5229.1	0.0	0.0	0.00	0.00	0.0	
3	6047.3	90.00	89.83	5750.0	1.6	520.9	11.00	89.83	520.9	
4	11822.3	90.00	89.83	5750.0	19.1	6295.9	0.00	0.00	6295.9	PBHL (B-CFC #17H/OH)

Ground Elevation:: 4055.0
RKB Elevation: KB @ 4067.0usft (United 43)

Northing 671390.10 Easting 670054.50 Latitude 32° 50' 40.241 N Longitude 103° 46' 46.667 W

COG Operating LLC
Project: Lea County, NM
Site: Branex-COG Federal Com #17H

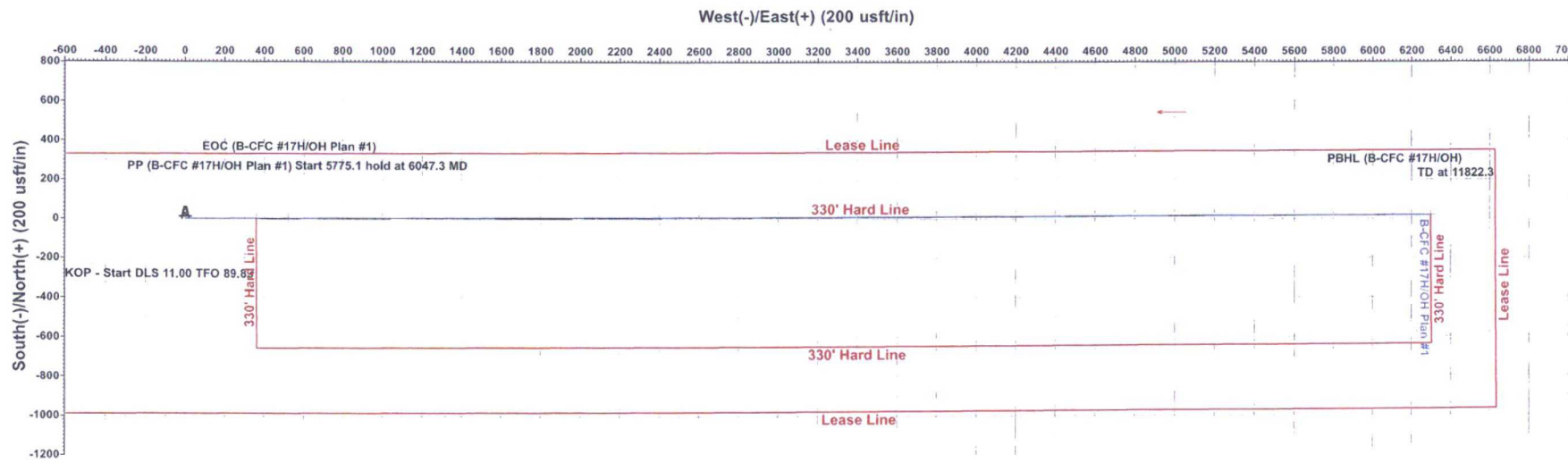
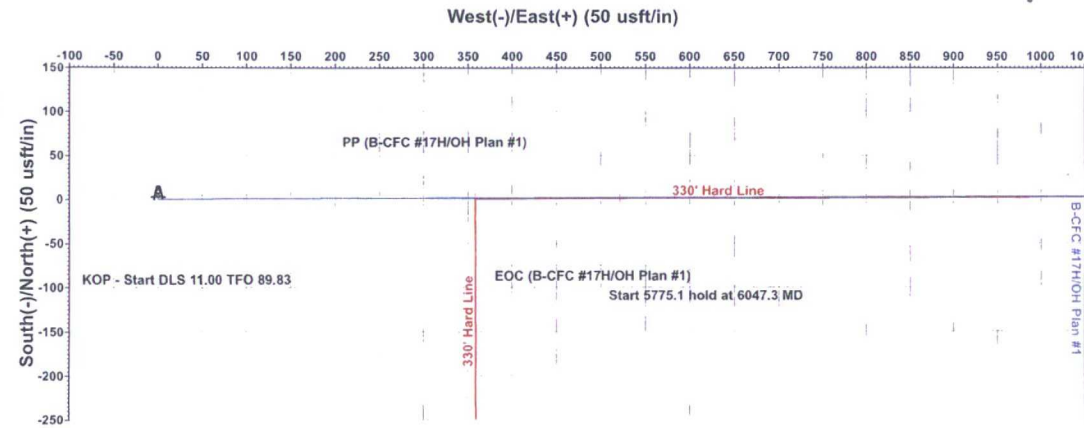
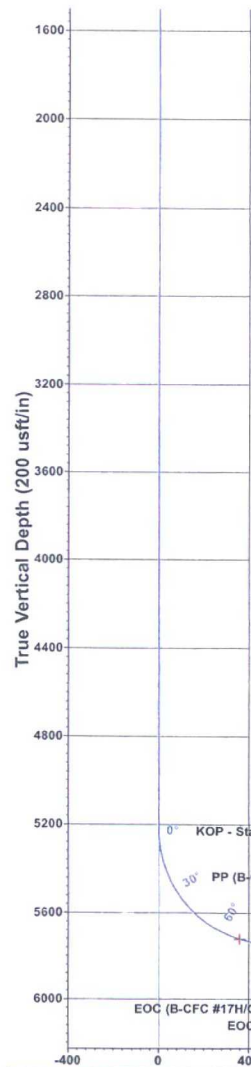
Well: SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
Wellbore: BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M

an: Plan #1 (SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P/BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M)



Azimuths to Grid North
True North: -0.30°
Magnetic North: 6.94°

Magnetic Field
Strength: 48567.8snT
Dip Angle: 60.62°
Date: 5/21/2015
Model: IGRF2010



Vertical Section at 89.83° (200 usf/in)

Terra Directional Services LLC
322 Spring Hill Drive, Suite A300, Spring, Tx 77386
Phone: 432-425-7532

PROJECT DETAILS: Lea County, NM
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
Local North: Grid





HOEBS OCD
APR 17 2017
RECEIVED

COG Operating LLC

Lea County, NM

Branex-COG Federal Com #17H

SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P

PP: 990' FSL, 330' FWL, Sec 9, T17S, R32E, Unit M

BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M

Plan: Plan #1

Standard Planning Report

28 May, 2015



Database:	EDM 5000.1 Single User Db	Local Co-ordinate Reference:	Well SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
Company:	COG Operating LLC	TVD Reference:	KB @ 4067.0usft (United 43)
Project:	Lea County, NM	MD Reference:	KB @ 4067.0usft (United 43)
Site:	Branex-COG Federal Com #17H	North Reference:	Grid
Well:	SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P	Survey Calculation Method:	Minimum Curvature
Wellbore:	BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M		
Design:	Plan #1		

Project	Lea County, NM		
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	Branex-COG Federal Com #17H				
Site Position:		Northing:	671,390.10 usft	Latitude:	32° 50' 40.241 N
From:	Map	Easting:	670,054.50 usft	Longitude:	103° 46' 46.667 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.30 °

Well	SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P					
Well Position	+N/-S	0.0 usft	Northing:	671,390.10 usft	Latitude:	32° 50' 40.241 N
	+E/-W	0.0 usft	Easting:	670,054.50 usft	Longitude:	103° 46' 46.667 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	4,055.0 usft

Wellbore BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	5/21/2015	7.24	60.62	48,568

Design Plan #1

Audit Notes:

Version:	Phase:	PLAN	Tie On Depth:	0.0
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Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	89.83

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
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,229.1	0.00	0.00	5,229.1	0.0	0.0	0.00	0.00	0.00	0.00	
6,047.3	90.00	89.83	5,750.0	1.6	520.9	11.00	11.00	10.98	89.83	
11,822.3	90.00	89.83	5,750.0	19.1	6,295.9	0.00	0.00	0.00	0.00	PBHL (B-CFC #17H/C)

Database: EDM 5000.1 Single User Db

Local Co-ordinate Reference:

Well SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P

Company: COG Operating LLC

TVD Reference:

KB @ 4067.0usft (United 43)

Project: Lea County, NM

MD Reference:

KB @ 4067.0usft (United 43)

Site: Branex-COG Federal Com #17H

North Reference:

Grid

Well: SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P

Survey Calculation Method:

Minimum Curvature

Wellbore: BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M

Design: Plan #1

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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
100.0	0.00	0.00	100.0	0.0	0.0	0.0	0.00	0.00	0.00
200.0	0.00	0.00	200.0	0.0	0.0	0.0	0.00	0.00	0.00
300.0	0.00	0.00	300.0	0.0	0.0	0.0	0.00	0.00	0.00
400.0	0.00	0.00	400.0	0.0	0.0	0.0	0.00	0.00	0.00
500.0	0.00	0.00	500.0	0.0	0.0	0.0	0.00	0.00	0.00
600.0	0.00	0.00	600.0	0.0	0.0	0.0	0.00	0.00	0.00
700.0	0.00	0.00	700.0	0.0	0.0	0.0	0.00	0.00	0.00
800.0	0.00	0.00	800.0	0.0	0.0	0.0	0.00	0.00	0.00
900.0	0.00	0.00	900.0	0.0	0.0	0.0	0.00	0.00	0.00
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.0	0.00	0.00	0.00
1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.0	0.00	0.00	0.00
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.0	0.00	0.00	0.00
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.0	0.00	0.00	0.00
1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.0	0.00	0.00	0.00
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.0	0.00	0.00	0.00
1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00

Database: EDM 5000.1 Single User Db
Company: COG Operating LLC
Project: Lea County, NM
Site: Branex-COG Federal Com #17H
Well: SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
Wellbore: BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M
Design: Plan #1

Local Co-ordinate Reference: Well SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
TVD Reference: KB @ 4067.0usft (United 43)
MD Reference: KB @ 4067.0usft (United 43)
North Reference: Grid
Survey Calculation Method: 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)
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,229.1	0.00	0.00	5,229.1	0.0	0.0	0.0	0.00	0.00	0.00
KOP - Start DLS 11.00 TFO 89.83									
5,250.0	2.30	89.83	5,250.0	0.0	0.4	0.4	11.00	11.00	0.00
5,300.0	7.80	89.83	5,299.8	0.0	4.8	4.8	11.00	11.00	0.00
5,350.0	13.30	89.83	5,348.9	0.0	14.0	14.0	11.00	11.00	0.00
5,400.0	18.80	89.83	5,397.0	0.1	27.8	27.8	11.00	11.00	0.00
5,450.0	24.30	89.83	5,443.4	0.1	46.1	46.1	11.00	11.00	0.00
5,500.0	29.80	89.83	5,488.0	0.2	68.9	68.9	11.00	11.00	0.00
5,550.0	35.30	89.83	5,530.1	0.3	95.8	95.8	11.00	11.00	0.00
5,600.0	40.80	89.83	5,569.4	0.4	126.6	126.6	11.00	11.00	0.00
5,650.0	46.30	89.83	5,605.7	0.5	161.0	161.0	11.00	11.00	0.00
5,700.0	51.80	89.83	5,638.4	0.6	198.8	198.8	11.00	11.00	0.00
5,750.0	57.30	89.83	5,667.4	0.7	239.5	239.5	11.00	11.00	0.00
5,800.0	62.80	89.83	5,692.4	0.9	282.8	282.8	11.00	11.00	0.00
5,850.0	68.30	89.83	5,713.1	1.0	328.3	328.3	11.00	11.00	0.00
5,900.0	73.80	89.83	5,729.3	1.1	375.5	375.5	11.00	11.00	0.00
5,950.0	79.30	89.83	5,740.9	1.3	424.2	424.2	11.00	11.00	0.00
6,000.0	84.80	89.83	5,747.8	1.4	473.7	473.7	11.00	11.00	0.00
6,047.3	90.00	89.83	5,750.0	1.6	520.9	520.9	11.00	11.00	0.00
EOC - Start 5775.1 hold at 6047.3 MD									
6,100.0	90.00	89.83	5,750.0	1.7	573.6	573.6	0.00	0.00	0.00
6,200.0	90.00	89.83	5,750.0	2.0	673.6	673.6	0.00	0.00	0.00
6,300.0	90.00	89.83	5,750.0	2.3	773.6	773.6	0.00	0.00	0.00
6,400.0	90.00	89.83	5,750.0	2.7	873.6	873.6	0.00	0.00	0.00
6,500.0	90.00	89.83	5,750.0	3.0	973.6	973.6	0.00	0.00	0.00
6,600.0	90.00	89.83	5,750.0	3.3	1,073.6	1,073.6	0.00	0.00	0.00
6,700.0	90.00	89.83	5,750.0	3.6	1,173.6	1,173.6	0.00	0.00	0.00
6,800.0	90.00	89.83	5,750.0	3.9	1,273.6	1,273.6	0.00	0.00	0.00
6,900.0	90.00	89.83	5,750.0	4.2	1,373.6	1,373.6	0.00	0.00	0.00
7,000.0	90.00	89.83	5,750.0	4.5	1,473.6	1,473.6	0.00	0.00	0.00
7,100.0	90.00	89.83	5,750.0	4.8	1,573.6	1,573.6	0.00	0.00	0.00
7,200.0	90.00	89.83	5,750.0	5.1	1,673.6	1,673.6	0.00	0.00	0.00
7,300.0	90.00	89.83	5,750.0	5.4	1,773.6	1,773.6	0.00	0.00	0.00
7,400.0	90.00	89.83	5,750.0	5.7	1,873.6	1,873.6	0.00	0.00	0.00
7,500.0	90.00	89.83	5,750.0	6.0	1,973.6	1,973.6	0.00	0.00	0.00
7,600.0	90.00	89.83	5,750.0	6.3	2,073.6	2,073.6	0.00	0.00	0.00
7,700.0	90.00	89.83	5,750.0	6.6	2,173.6	2,173.6	0.00	0.00	0.00
7,800.0	90.00	89.83	5,750.0	6.9	2,273.6	2,273.6	0.00	0.00	0.00
7,900.0	90.00	89.83	5,750.0	7.2	2,373.6	2,373.6	0.00	0.00	0.00
8,000.0	90.00	89.83	5,750.0	7.5	2,473.6	2,473.6	0.00	0.00	0.00
8,100.0	90.00	89.83	5,750.0	7.8	2,573.6	2,573.6	0.00	0.00	0.00
8,200.0	90.00	89.83	5,750.0	8.1	2,673.6	2,673.6	0.00	0.00	0.00
8,300.0	90.00	89.83	5,750.0	8.4	2,773.6	2,773.6	0.00	0.00	0.00
8,400.0	90.00	89.83	5,750.0	8.7	2,873.6	2,873.6	0.00	0.00	0.00
8,500.0	90.00	89.83	5,750.0	9.0	2,973.6	2,973.6	0.00	0.00	0.00
8,600.0	90.00	89.83	5,750.0	9.3	3,073.6	3,073.6	0.00	0.00	0.00
8,700.0	90.00	89.83	5,750.0	9.6	3,173.6	3,173.6	0.00	0.00	0.00
8,800.0	90.00	89.83	5,750.0	9.9	3,273.6	3,273.6	0.00	0.00	0.00
8,900.0	90.00	89.83	5,750.0	10.2	3,373.6	3,373.6	0.00	0.00	0.00

Database: EDM 5000.1 Single User Db
Company: COG Operating LLC
Project: Lea County, NM
Site: Branex-COG Federal Com #17H
Well: SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
Wellbore: BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M
Design: Plan #1

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

Well SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
KB @ 4067.0usft (United 43)
KB @ 4067.0usft (United 43)
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)
9,000.0	90.00	89.83	5,750.0	10.5	3,473.6	3,473.6	0.00	0.00	0.00
9,100.0	90.00	89.83	5,750.0	10.8	3,573.6	3,573.6	0.00	0.00	0.00
9,200.0	90.00	89.83	5,750.0	11.1	3,673.6	3,673.6	0.00	0.00	0.00
9,300.0	90.00	89.83	5,750.0	11.4	3,773.6	3,773.6	0.00	0.00	0.00
9,400.0	90.00	89.83	5,750.0	11.8	3,873.6	3,873.6	0.00	0.00	0.00
9,500.0	90.00	89.83	5,750.0	12.1	3,973.6	3,973.6	0.00	0.00	0.00
9,600.0	90.00	89.83	5,750.0	12.4	4,073.6	4,073.6	0.00	0.00	0.00
9,700.0	90.00	89.83	5,750.0	12.7	4,173.6	4,173.6	0.00	0.00	0.00
9,800.0	90.00	89.83	5,750.0	13.0	4,273.6	4,273.6	0.00	0.00	0.00
9,900.0	90.00	89.83	5,750.0	13.3	4,373.6	4,373.6	0.00	0.00	0.00
10,000.0	90.00	89.83	5,750.0	13.6	4,473.6	4,473.6	0.00	0.00	0.00
10,100.0	90.00	89.83	5,750.0	13.9	4,573.6	4,573.6	0.00	0.00	0.00
10,200.0	90.00	89.83	5,750.0	14.2	4,673.6	4,673.6	0.00	0.00	0.00
10,300.0	90.00	89.83	5,750.0	14.5	4,773.6	4,773.6	0.00	0.00	0.00
10,400.0	90.00	89.83	5,750.0	14.8	4,873.6	4,873.6	0.00	0.00	0.00
10,500.0	90.00	89.83	5,750.0	15.1	4,973.6	4,973.6	0.00	0.00	0.00
10,600.0	90.00	89.83	5,750.0	15.4	5,073.6	5,073.6	0.00	0.00	0.00
10,700.0	90.00	89.83	5,750.0	15.7	5,173.6	5,173.6	0.00	0.00	0.00
10,800.0	90.00	89.83	5,750.0	16.0	5,273.6	5,273.6	0.00	0.00	0.00
10,900.0	90.00	89.83	5,750.0	16.3	5,373.6	5,373.6	0.00	0.00	0.00
11,000.0	90.00	89.83	5,750.0	16.6	5,473.6	5,473.6	0.00	0.00	0.00
11,100.0	90.00	89.83	5,750.0	16.9	5,573.6	5,573.6	0.00	0.00	0.00
11,200.0	90.00	89.83	5,750.0	17.2	5,673.6	5,673.6	0.00	0.00	0.00
11,300.0	90.00	89.83	5,750.0	17.5	5,773.6	5,773.6	0.00	0.00	0.00
11,400.0	90.00	89.83	5,750.0	17.8	5,873.6	5,873.6	0.00	0.00	0.00
11,500.0	90.00	89.83	5,750.0	18.1	5,973.6	5,973.6	0.00	0.00	0.00
11,600.0	90.00	89.83	5,750.0	18.4	6,073.6	6,073.6	0.00	0.00	0.00
11,700.0	90.00	89.83	5,750.0	18.7	6,173.6	6,173.6	0.00	0.00	0.00
11,800.0	90.00	89.83	5,750.0	19.0	6,273.6	6,273.6	0.00	0.00	0.00
11,822.3	90.00	89.83	5,750.0	19.1	6,295.9	6,295.9	0.00	0.00	0.00

TD at 11822.3

Design Targets

Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PP (B-CFC #17H/OH Pl; - plan hits target center - Point	0.00	0.00	5,723.8	1.1	357.9	671,391.18	670,412.40	32° 50' 40.233 N	103° 46' 42.472 W
EOC (B-CFC #17H/OH I - plan hits target center - Point	0.00	0.00	5,750.0	1.6	520.9	671,391.68	670,575.39	32° 50' 40.229 N	103° 46' 40.561 W
PBHL (B-CFC #17H/OH - plan hits target center - Point	0.00	0.00	5,750.0	19.1	6,295.9	671,409.20	676,350.40	32° 50' 40.097 N	103° 45' 32.870 W

Database: EDM 5000.1 Single User Db
Company: COG Operating LLC
Project: Lea County, NM
Site: Branex-COG Federal Com #17H
Well: SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
Wellbore: BHL: 989' FSL, 989' FWL, Sec 10, T17S, R32E, Unit M
Design: Plan #1

Local Co-ordinate Reference: Well SHL: 990' FSL, 25' FEL, Sec 8, T17S, R32E, Unit P
TVD Reference: KB @ 4067.0usft (United 43)
MD Reference: KB @ 4067.0usft (United 43)
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
5,229.1	5,229.1	0.0	0.0	KOP - Start DLS 11.00 TFO 89.83
6,047.3	5,750.0	1.6	520.9	EOC - Start 5775.1 hold at 6047.3 MD
11,822.3	5,750.0	19.1	6,295.9	TD at 11822.3