



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Braswell 16 State

#501H

OH

Plan: Plan #0.1

Standard Planning Report

25 June, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #501H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3303.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3303.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Braswell 16 State					
Site Position:		Northing:	382,755.00 usft	Latitude:	32° 3' 0.088 N	
From:	Map	Easting:	775,286.00 usft	Longitude:	103° 34' 41.632 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.40 °

Well	#501H					
Well Position	+N/-S	16.0 usft	Northing:	382,771.00 usft	Latitude:	32° 3' 0.309 N
	+E/-W	-907.0 usft	Easting:	774,379.00 usft	Longitude:	103° 34' 52.169 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,278.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	6/25/2019	6.73	59.87	47,627.37822994

Design	Plan #0.1			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	192.11

Plan Survey Tool Program	Date	6/25/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,665.5 Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

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	
1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,523.1	10.46	280.06	1,520.2	8.3	-46.9	2.00	2.00	0.00	280.06	
7,145.2	10.46	280.06	7,048.8	186.7	-1,052.1	0.00	0.00	0.00	0.00	
7,668.3	0.00	0.00	7,569.0	195.0	-1,099.0	2.00	-2.00	0.00	180.00	
10,255.8	0.00	0.00	10,156.5	195.0	-1,099.0	0.00	0.00	0.00	0.00	KOP (Braswell 16 Sta
11,005.8	90.00	179.57	10,634.0	-282.4	-1,095.4	12.00	12.00	23.94	179.57	
15,665.5	90.00	179.57	10,634.0	-4,942.0	-1,060.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 St

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Site:	Braswell 16 State	North Reference:	Grid
Well:	#501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	2.00	280.06	1,100.0	0.3	-1.7	0.1	2.00	2.00	0.00
1,200.0	4.00	280.06	1,199.8	1.2	-6.9	0.2	2.00	2.00	0.00
1,300.0	6.00	280.06	1,299.5	2.7	-15.5	0.6	2.00	2.00	0.00
1,400.0	8.00	280.06	1,398.7	4.9	-27.5	1.0	2.00	2.00	0.00
1,500.0	10.00	280.06	1,497.5	7.6	-42.9	1.6	2.00	2.00	0.00
1,523.1	10.46	280.06	1,520.2	8.3	-46.9	1.7	2.00	2.00	0.00
1,600.0	10.46	280.06	1,595.8	10.8	-60.6	2.2	0.00	0.00	0.00
1,700.0	10.46	280.06	1,694.2	13.9	-78.5	2.8	0.00	0.00	0.00
1,800.0	10.46	280.06	1,792.5	17.1	-96.4	3.5	0.00	0.00	0.00
1,900.0	10.46	280.06	1,890.8	20.3	-114.3	4.1	0.00	0.00	0.00
2,000.0	10.46	280.06	1,989.2	23.4	-132.2	4.8	0.00	0.00	0.00
2,100.0	10.46	280.06	2,087.5	26.6	-150.0	5.4	0.00	0.00	0.00
2,200.0	10.46	280.06	2,185.8	29.8	-167.9	6.1	0.00	0.00	0.00
2,300.0	10.46	280.06	2,284.2	33.0	-185.8	6.7	0.00	0.00	0.00
2,400.0	10.46	280.06	2,382.5	36.1	-203.7	7.4	0.00	0.00	0.00
2,500.0	10.46	280.06	2,480.9	39.3	-221.6	8.0	0.00	0.00	0.00
2,600.0	10.46	280.06	2,579.2	42.5	-239.4	8.7	0.00	0.00	0.00
2,700.0	10.46	280.06	2,677.5	45.7	-257.3	9.3	0.00	0.00	0.00
2,800.0	10.46	280.06	2,775.9	48.8	-275.2	10.0	0.00	0.00	0.00
2,900.0	10.46	280.06	2,874.2	52.0	-293.1	10.6	0.00	0.00	0.00
3,000.0	10.46	280.06	2,972.5	55.2	-311.0	11.3	0.00	0.00	0.00
3,100.0	10.46	280.06	3,070.9	58.3	-328.8	11.9	0.00	0.00	0.00
3,200.0	10.46	280.06	3,169.2	61.5	-346.7	12.6	0.00	0.00	0.00
3,300.0	10.46	280.06	3,267.6	64.7	-364.6	13.2	0.00	0.00	0.00
3,400.0	10.46	280.06	3,365.9	67.9	-382.5	13.9	0.00	0.00	0.00
3,500.0	10.46	280.06	3,464.2	71.0	-400.4	14.5	0.00	0.00	0.00
3,600.0	10.46	280.06	3,562.6	74.2	-418.2	15.2	0.00	0.00	0.00
3,700.0	10.46	280.06	3,660.9	77.4	-436.1	15.8	0.00	0.00	0.00
3,800.0	10.46	280.06	3,759.2	80.6	-454.0	16.4	0.00	0.00	0.00
3,900.0	10.46	280.06	3,857.6	83.7	-471.9	17.1	0.00	0.00	0.00
4,000.0	10.46	280.06	3,955.9	86.9	-489.8	17.7	0.00	0.00	0.00
4,100.0	10.46	280.06	4,054.3	90.1	-507.6	18.4	0.00	0.00	0.00
4,200.0	10.46	280.06	4,152.6	93.2	-525.5	19.0	0.00	0.00	0.00
4,300.0	10.46	280.06	4,250.9	96.4	-543.4	19.7	0.00	0.00	0.00
4,400.0	10.46	280.06	4,349.3	99.6	-561.3	20.3	0.00	0.00	0.00
4,500.0	10.46	280.06	4,447.6	102.8	-579.2	21.0	0.00	0.00	0.00
4,600.0	10.46	280.06	4,545.9	105.9	-597.0	21.6	0.00	0.00	0.00
4,700.0	10.46	280.06	4,644.3	109.1	-614.9	22.3	0.00	0.00	0.00
4,800.0	10.46	280.06	4,742.6	112.3	-632.8	22.9	0.00	0.00	0.00
4,900.0	10.46	280.06	4,841.0	115.5	-650.7	23.6	0.00	0.00	0.00
5,000.0	10.46	280.06	4,939.3	118.6	-668.6	24.2	0.00	0.00	0.00
5,100.0	10.46	280.06	5,037.6	121.8	-686.4	24.9	0.00	0.00	0.00
5,200.0	10.46	280.06	5,136.0	125.0	-704.3	25.5	0.00	0.00	0.00

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Site:	Braswell 16 State	North Reference:	Grid
Well:	#501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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)
5,300.0	10.46	280.06	5,234.3	128.1	-722.2	26.2	0.00	0.00	0.00
5,400.0	10.46	280.06	5,332.6	131.3	-740.1	26.8	0.00	0.00	0.00
5,500.0	10.46	280.06	5,431.0	134.5	-758.0	27.5	0.00	0.00	0.00
5,600.0	10.46	280.06	5,529.3	137.7	-775.8	28.1	0.00	0.00	0.00
5,700.0	10.46	280.06	5,627.7	140.8	-793.7	28.8	0.00	0.00	0.00
5,800.0	10.46	280.06	5,726.0	144.0	-811.6	29.4	0.00	0.00	0.00
5,900.0	10.46	280.06	5,824.3	147.2	-829.5	30.1	0.00	0.00	0.00
6,000.0	10.46	280.06	5,922.7	150.3	-847.4	30.7	0.00	0.00	0.00
6,100.0	10.46	280.06	6,021.0	153.5	-865.2	31.3	0.00	0.00	0.00
6,200.0	10.46	280.06	6,119.3	156.7	-883.1	32.0	0.00	0.00	0.00
6,300.0	10.46	280.06	6,217.7	159.9	-901.0	32.6	0.00	0.00	0.00
6,400.0	10.46	280.06	6,316.0	163.0	-918.9	33.3	0.00	0.00	0.00
6,500.0	10.46	280.06	6,414.4	166.2	-936.8	33.9	0.00	0.00	0.00
6,600.0	10.46	280.06	6,512.7	169.4	-954.6	34.6	0.00	0.00	0.00
6,700.0	10.46	280.06	6,611.0	172.6	-972.5	35.2	0.00	0.00	0.00
6,800.0	10.46	280.06	6,709.4	175.7	-990.4	35.9	0.00	0.00	0.00
6,900.0	10.46	280.06	6,807.7	178.9	-1,008.3	36.5	0.00	0.00	0.00
7,000.0	10.46	280.06	6,906.0	182.1	-1,026.1	37.2	0.00	0.00	0.00
7,100.0	10.46	280.06	7,004.4	185.2	-1,044.0	37.8	0.00	0.00	0.00
7,145.2	10.46	280.06	7,048.8	186.7	-1,052.1	38.1	0.00	0.00	0.00
7,200.0	9.37	280.06	7,102.8	188.3	-1,061.4	38.5	2.00	-2.00	0.00
7,300.0	7.37	280.06	7,201.7	190.9	-1,075.7	39.0	2.00	-2.00	0.00
7,400.0	5.37	280.06	7,301.1	192.8	-1,086.6	39.4	2.00	-2.00	0.00
7,500.0	3.37	280.06	7,400.8	194.1	-1,094.1	39.6	2.00	-2.00	0.00
7,600.0	1.37	280.06	7,500.7	194.9	-1,098.2	39.8	2.00	-2.00	0.00
7,668.3	0.00	0.00	7,569.0	195.0	-1,099.0	39.8	2.00	-2.00	0.00
7,700.0	0.00	0.00	7,600.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
7,800.0	0.00	0.00	7,700.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
7,900.0	0.00	0.00	7,800.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,000.0	0.00	0.00	7,900.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,100.0	0.00	0.00	8,000.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,200.0	0.00	0.00	8,100.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,300.0	0.00	0.00	8,200.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,400.0	0.00	0.00	8,300.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,500.0	0.00	0.00	8,400.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,600.0	0.00	0.00	8,500.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,700.0	0.00	0.00	8,600.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,800.0	0.00	0.00	8,700.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
8,900.0	0.00	0.00	8,800.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,000.0	0.00	0.00	8,900.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,100.0	0.00	0.00	9,000.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,200.0	0.00	0.00	9,100.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,300.0	0.00	0.00	9,200.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,400.0	0.00	0.00	9,300.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,500.0	0.00	0.00	9,400.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,600.0	0.00	0.00	9,500.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,700.0	0.00	0.00	9,600.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,800.0	0.00	0.00	9,700.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
9,900.0	0.00	0.00	9,800.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
10,000.0	0.00	0.00	9,900.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
10,100.0	0.00	0.00	10,000.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
10,200.0	0.00	0.00	10,100.7	195.0	-1,099.0	39.8	0.00	0.00	0.00
10,255.8	0.00	0.00	10,156.5	195.0	-1,099.0	39.8	0.00	0.00	0.00

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Wellbore:	OH		
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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)
KOP (Braswell 16 State #501H)									
10,275.0	2.31	179.57	10,175.7	194.6	-1,099.0	40.2	12.00	12.00	0.00
10,300.0	5.31	179.57	10,200.7	193.0	-1,099.0	41.8	12.00	12.00	0.00
10,325.0	8.31	179.57	10,225.5	190.0	-1,099.0	44.7	12.00	12.00	0.00
10,350.0	11.31	179.57	10,250.1	185.7	-1,098.9	48.9	12.00	12.00	0.00
10,375.0	14.31	179.57	10,274.5	180.2	-1,098.9	54.3	12.00	12.00	0.00
10,400.0	17.31	179.57	10,298.5	173.4	-1,098.8	60.9	12.00	12.00	0.00
10,425.0	20.31	179.57	10,322.2	165.3	-1,098.8	68.8	12.00	12.00	0.00
10,450.0	23.31	179.57	10,345.4	156.0	-1,098.7	77.8	12.00	12.00	0.00
10,475.0	26.31	179.57	10,368.1	145.6	-1,098.6	88.1	12.00	12.00	0.00
10,500.0	29.31	179.57	10,390.2	133.9	-1,098.5	99.5	12.00	12.00	0.00
10,525.0	32.31	179.57	10,411.7	121.1	-1,098.4	112.0	12.00	12.00	0.00
10,550.0	35.31	179.57	10,432.5	107.2	-1,098.3	125.5	12.00	12.00	0.00
10,575.0	38.31	179.57	10,452.5	92.2	-1,098.2	140.2	12.00	12.00	0.00
10,600.0	41.31	179.57	10,471.7	76.2	-1,098.1	155.8	12.00	12.00	0.00
10,625.0	44.31	179.57	10,490.0	59.2	-1,098.0	172.4	12.00	12.00	0.00
10,650.0	47.31	179.57	10,507.4	41.3	-1,097.8	189.9	12.00	12.00	0.00
10,655.3	47.94	179.57	10,511.0	37.4	-1,097.8	193.7	12.00	12.00	0.00
FTP (Braswell 16 State #501H)									
10,675.0	50.31	179.57	10,523.9	22.5	-1,097.7	208.2	12.00	12.00	0.00
10,700.0	53.31	179.57	10,539.4	2.8	-1,097.5	227.4	12.00	12.00	0.00
10,725.0	56.31	179.57	10,553.8	-17.6	-1,097.4	247.3	12.00	12.00	0.00
10,750.0	59.31	179.57	10,567.1	-38.7	-1,097.2	268.0	12.00	12.00	0.00
10,775.0	62.31	179.57	10,579.3	-60.6	-1,097.1	289.3	12.00	12.00	0.00
10,800.0	65.31	179.57	10,590.3	-83.0	-1,096.9	311.2	12.00	12.00	0.00
10,825.0	68.31	179.57	10,600.1	-106.0	-1,096.7	333.6	12.00	12.00	0.00
10,850.0	71.31	179.57	10,608.8	-129.4	-1,096.5	356.5	12.00	12.00	0.00
10,875.0	74.31	179.57	10,616.2	-153.3	-1,096.4	379.8	12.00	12.00	0.00
10,900.0	77.31	179.57	10,622.3	-177.5	-1,096.2	403.5	12.00	12.00	0.00
10,925.0	80.31	179.57	10,627.1	-202.1	-1,096.0	427.4	12.00	12.00	0.00
10,950.0	83.31	179.57	10,630.7	-226.8	-1,095.8	451.6	12.00	12.00	0.00
10,975.0	86.31	179.57	10,633.0	-251.7	-1,095.6	475.9	12.00	12.00	0.00
11,000.0	89.31	179.57	10,633.9	-276.7	-1,095.4	500.3	12.00	12.00	0.00
11,005.8	90.00	179.57	10,634.0	-282.4	-1,095.4	505.9	12.00	12.00	0.00
11,100.0	90.00	179.57	10,634.0	-376.7	-1,094.7	597.9	0.00	0.00	0.00
11,200.0	90.00	179.57	10,634.0	-476.7	-1,093.9	695.5	0.00	0.00	0.00
11,300.0	90.00	179.57	10,634.0	-576.7	-1,093.1	793.1	0.00	0.00	0.00
11,400.0	90.00	179.57	10,634.0	-676.7	-1,092.4	890.7	0.00	0.00	0.00
11,500.0	90.00	179.57	10,634.0	-776.7	-1,091.6	988.3	0.00	0.00	0.00
11,600.0	90.00	179.57	10,634.0	-876.7	-1,090.9	1,085.9	0.00	0.00	0.00
11,700.0	90.00	179.57	10,634.0	-976.7	-1,090.1	1,183.6	0.00	0.00	0.00
11,800.0	90.00	179.57	10,634.0	-1,076.7	-1,089.3	1,281.2	0.00	0.00	0.00
11,900.0	90.00	179.57	10,634.0	-1,176.7	-1,088.6	1,378.8	0.00	0.00	0.00
12,000.0	90.00	179.57	10,634.0	-1,276.6	-1,087.8	1,476.4	0.00	0.00	0.00
12,100.0	90.00	179.57	10,634.0	-1,376.6	-1,087.1	1,574.0	0.00	0.00	0.00
12,200.0	90.00	179.57	10,634.0	-1,476.6	-1,086.3	1,671.6	0.00	0.00	0.00
12,300.0	90.00	179.57	10,634.0	-1,576.6	-1,085.5	1,769.2	0.00	0.00	0.00
12,400.0	90.00	179.57	10,634.0	-1,676.6	-1,084.8	1,866.9	0.00	0.00	0.00
12,500.0	90.00	179.57	10,634.0	-1,776.6	-1,084.0	1,964.5	0.00	0.00	0.00
12,600.0	90.00	179.57	10,634.0	-1,876.6	-1,083.3	2,062.1	0.00	0.00	0.00
12,700.0	90.00	179.57	10,634.0	-1,976.6	-1,082.5	2,159.7	0.00	0.00	0.00
12,800.0	90.00	179.57	10,634.0	-2,076.6	-1,081.8	2,257.3	0.00	0.00	0.00
12,900.0	90.00	179.57	10,634.0	-2,176.6	-1,081.0	2,354.9	0.00	0.00	0.00
13,000.0	90.00	179.57	10,634.0	-2,276.6	-1,080.2	2,452.5	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #501H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3303.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3303.0usft
Site:	Braswell 16 State	North Reference:	Grid
Well:	#501H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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)
13,100.0	90.00	179.57	10,634.0	-2,376.6	-1,079.5	2,550.1	0.00	0.00	0.00
13,200.0	90.00	179.57	10,634.0	-2,476.6	-1,078.7	2,647.8	0.00	0.00	0.00
13,300.0	90.00	179.57	10,634.0	-2,576.6	-1,078.0	2,745.4	0.00	0.00	0.00
13,400.0	90.00	179.57	10,634.0	-2,676.6	-1,077.2	2,843.0	0.00	0.00	0.00
13,500.0	90.00	179.57	10,634.0	-2,776.6	-1,076.4	2,940.6	0.00	0.00	0.00
13,600.0	90.00	179.57	10,634.0	-2,876.6	-1,075.7	3,038.2	0.00	0.00	0.00
13,700.0	90.00	179.57	10,634.0	-2,976.6	-1,074.9	3,135.8	0.00	0.00	0.00
13,800.0	90.00	179.57	10,634.0	-3,076.6	-1,074.2	3,233.4	0.00	0.00	0.00
13,900.0	90.00	179.57	10,634.0	-3,176.6	-1,073.4	3,331.1	0.00	0.00	0.00
14,000.0	90.00	179.57	10,634.0	-3,276.6	-1,072.6	3,428.7	0.00	0.00	0.00
14,100.0	90.00	179.57	10,634.0	-3,376.6	-1,071.9	3,526.3	0.00	0.00	0.00
14,200.0	90.00	179.57	10,634.0	-3,476.6	-1,071.1	3,623.9	0.00	0.00	0.00
14,300.0	90.00	179.57	10,634.0	-3,576.6	-1,070.4	3,721.5	0.00	0.00	0.00
14,400.0	90.00	179.57	10,634.0	-3,676.6	-1,069.6	3,819.1	0.00	0.00	0.00
14,500.0	90.00	179.57	10,634.0	-3,776.6	-1,068.8	3,916.7	0.00	0.00	0.00
14,600.0	90.00	179.57	10,634.0	-3,876.6	-1,068.1	4,014.4	0.00	0.00	0.00
14,700.0	90.00	179.57	10,634.0	-3,976.6	-1,067.3	4,112.0	0.00	0.00	0.00
14,800.0	90.00	179.57	10,634.0	-4,076.6	-1,066.6	4,209.6	0.00	0.00	0.00
14,900.0	90.00	179.57	10,634.0	-4,176.6	-1,065.8	4,307.2	0.00	0.00	0.00
15,000.0	90.00	179.57	10,634.0	-4,276.6	-1,065.1	4,404.8	0.00	0.00	0.00
15,100.0	90.00	179.57	10,634.0	-4,376.6	-1,064.3	4,502.4	0.00	0.00	0.00
15,200.0	90.00	179.57	10,634.0	-4,476.6	-1,063.5	4,600.0	0.00	0.00	0.00
15,300.0	90.00	179.57	10,634.0	-4,576.6	-1,062.8	4,697.7	0.00	0.00	0.00
15,400.0	90.00	179.57	10,634.0	-4,676.5	-1,062.0	4,795.3	0.00	0.00	0.00
15,500.0	90.00	179.57	10,634.0	-4,776.5	-1,061.3	4,892.9	0.00	0.00	0.00
15,600.0	90.00	179.57	10,634.0	-4,876.5	-1,060.5	4,990.5	0.00	0.00	0.00
15,665.5	90.00	179.57	10,634.0	-4,942.0	-1,060.0	5,054.4	0.00	0.00	0.00
PBHL (Braswell 16 State #501H)									

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP (Braswell 16 State - hit/miss target - Shape - Point	0.00	0.00	10,156.5	195.0	-1,099.0	382,966.00	773,280.00	32° 3' 2.314 N	103° 35' 4.922 W
PBHL (Braswell 16 State - plan hits target center - Point	0.00	0.00	10,634.0	-4,942.0	-1,060.0	377,829.00	773,319.00	32° 2' 11.478 N	103° 35' 4.883 W
FTP (Braswell 16 State # - plan misses target center by 163.4usft at 10655.3usft MD (10511.0 TVD, 37.4 N, -1097.8 E) - Point	0.00	0.00	10,634.0	145.0	-1,099.0	382,916.00	773,280.00	32° 3' 1.819 N	103° 35' 4.926 W