



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Braswell 16 State

#502H

OH

Plan: Plan #0.1

Standard Planning Report

25 June, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #502H
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:	#502H	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	#502H					
Well Position	+N/-S	17.0 usft	Northing:	382,772.00 usft	Latitude:	32° 3' 0.317 N
	+E/-W	-874.0 usft	Easting:	774,412.00 usft	Longitude:	103° 34' 51.785 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	47,627.39053146

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	181.31

Plan Survey Tool Program	Date	6/25/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,590.9 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	
1,110.0	2.20	322.67	1,110.0	1.7	-1.3	2.00	2.00	0.00	322.67	
7,484.7	2.20	322.67	7,480.0	196.3	-149.7	0.00	0.00	0.00	0.00	
7,594.8	0.00	0.01	7,590.0	198.0	-151.0	2.00	-2.00	0.00	180.00	
10,182.3	0.00	0.01	10,177.5	198.0	-151.0	0.00	0.00	0.00	0.00	KOP (Braswell 16 Sta
10,932.3	90.00	179.58	10,655.0	-279.4	-147.5	12.00	12.00	23.94	179.58	
15,590.9	90.00	179.58	10,655.0	-4,938.0	-113.0	0.00	0.00	0.00	0.00	PBHL (Braswell 16 St

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Site:	Braswell 16 State	North Reference:	Grid
Well:	#502H	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	322.67	1,100.0	1.4	-1.1	-1.4	2.00	2.00	0.00
1,110.0	2.20	322.67	1,110.0	1.7	-1.3	-1.7	2.00	2.00	0.00
1,200.0	2.20	322.67	1,199.9	4.4	-3.4	-4.3	0.00	0.00	0.00
1,300.0	2.20	322.67	1,299.8	7.5	-5.7	-7.3	0.00	0.00	0.00
1,400.0	2.20	322.67	1,399.8	10.5	-8.0	-10.3	0.00	0.00	0.00
1,500.0	2.20	322.67	1,499.7	13.6	-10.4	-13.3	0.00	0.00	0.00
1,600.0	2.20	322.67	1,599.6	16.6	-12.7	-16.3	0.00	0.00	0.00
1,700.0	2.20	322.67	1,699.5	19.7	-15.0	-19.3	0.00	0.00	0.00
1,800.0	2.20	322.67	1,799.5	22.7	-17.3	-22.3	0.00	0.00	0.00
1,900.0	2.20	322.67	1,899.4	25.8	-19.7	-25.3	0.00	0.00	0.00
2,000.0	2.20	322.67	1,999.3	28.9	-22.0	-28.3	0.00	0.00	0.00
2,100.0	2.20	322.67	2,099.2	31.9	-24.3	-31.3	0.00	0.00	0.00
2,200.0	2.20	322.67	2,199.2	35.0	-26.7	-34.3	0.00	0.00	0.00
2,300.0	2.20	322.67	2,299.1	38.0	-29.0	-37.3	0.00	0.00	0.00
2,400.0	2.20	322.67	2,399.0	41.1	-31.3	-40.3	0.00	0.00	0.00
2,500.0	2.20	322.67	2,498.9	44.1	-33.6	-43.3	0.00	0.00	0.00
2,600.0	2.20	322.67	2,598.9	47.2	-36.0	-46.3	0.00	0.00	0.00
2,700.0	2.20	322.67	2,698.8	50.2	-38.3	-49.3	0.00	0.00	0.00
2,800.0	2.20	322.67	2,798.7	53.3	-40.6	-52.3	0.00	0.00	0.00
2,900.0	2.20	322.67	2,898.7	56.3	-43.0	-55.3	0.00	0.00	0.00
3,000.0	2.20	322.67	2,998.6	59.4	-45.3	-58.3	0.00	0.00	0.00
3,100.0	2.20	322.67	3,098.5	62.4	-47.6	-61.3	0.00	0.00	0.00
3,200.0	2.20	322.67	3,198.4	65.5	-49.9	-64.3	0.00	0.00	0.00
3,300.0	2.20	322.67	3,298.4	68.5	-52.3	-67.3	0.00	0.00	0.00
3,400.0	2.20	322.67	3,398.3	71.6	-54.6	-70.3	0.00	0.00	0.00
3,500.0	2.20	322.67	3,498.2	74.7	-56.9	-73.3	0.00	0.00	0.00
3,600.0	2.20	322.67	3,598.1	77.7	-59.3	-76.3	0.00	0.00	0.00
3,700.0	2.20	322.67	3,698.1	80.8	-61.6	-79.3	0.00	0.00	0.00
3,800.0	2.20	322.67	3,798.0	83.8	-63.9	-82.3	0.00	0.00	0.00
3,900.0	2.20	322.67	3,897.9	86.9	-66.2	-85.3	0.00	0.00	0.00
4,000.0	2.20	322.67	3,997.8	89.9	-68.6	-88.3	0.00	0.00	0.00
4,100.0	2.20	322.67	4,097.8	93.0	-70.9	-91.3	0.00	0.00	0.00
4,200.0	2.20	322.67	4,197.7	96.0	-73.2	-94.3	0.00	0.00	0.00
4,300.0	2.20	322.67	4,297.6	99.1	-75.6	-97.3	0.00	0.00	0.00
4,400.0	2.20	322.67	4,397.5	102.1	-77.9	-100.3	0.00	0.00	0.00
4,500.0	2.20	322.67	4,497.5	105.2	-80.2	-103.3	0.00	0.00	0.00
4,600.0	2.20	322.67	4,597.4	108.2	-82.5	-106.3	0.00	0.00	0.00
4,700.0	2.20	322.67	4,697.3	111.3	-84.9	-109.3	0.00	0.00	0.00
4,800.0	2.20	322.67	4,797.3	114.3	-87.2	-112.3	0.00	0.00	0.00
4,900.0	2.20	322.67	4,897.2	117.4	-89.5	-115.3	0.00	0.00	0.00
5,000.0	2.20	322.67	4,997.1	120.5	-91.9	-118.3	0.00	0.00	0.00
5,100.0	2.20	322.67	5,097.0	123.5	-94.2	-121.3	0.00	0.00	0.00
5,200.0	2.20	322.67	5,197.0	126.6	-96.5	-124.3	0.00	0.00	0.00

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Site:	Braswell 16 State	North Reference:	Grid
Well:	#502H	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	2.20	322.67	5,296.9	129.6	-98.8	-127.3	0.00	0.00	0.00
5,400.0	2.20	322.67	5,396.8	132.7	-101.2	-130.3	0.00	0.00	0.00
5,500.0	2.20	322.67	5,496.7	135.7	-103.5	-133.3	0.00	0.00	0.00
5,600.0	2.20	322.67	5,596.7	138.8	-105.8	-136.3	0.00	0.00	0.00
5,700.0	2.20	322.67	5,696.6	141.8	-108.2	-139.3	0.00	0.00	0.00
5,800.0	2.20	322.67	5,796.5	144.9	-110.5	-142.3	0.00	0.00	0.00
5,900.0	2.20	322.67	5,896.4	147.9	-112.8	-145.3	0.00	0.00	0.00
6,000.0	2.20	322.67	5,996.4	151.0	-115.1	-148.3	0.00	0.00	0.00
6,100.0	2.20	322.67	6,096.3	154.0	-117.5	-151.3	0.00	0.00	0.00
6,200.0	2.20	322.67	6,196.2	157.1	-119.8	-154.3	0.00	0.00	0.00
6,300.0	2.20	322.67	6,296.1	160.1	-122.1	-157.3	0.00	0.00	0.00
6,400.0	2.20	322.67	6,396.1	163.2	-124.5	-160.3	0.00	0.00	0.00
6,500.0	2.20	322.67	6,496.0	166.3	-126.8	-163.3	0.00	0.00	0.00
6,600.0	2.20	322.67	6,595.9	169.3	-129.1	-166.3	0.00	0.00	0.00
6,700.0	2.20	322.67	6,695.9	172.4	-131.4	-169.3	0.00	0.00	0.00
6,800.0	2.20	322.67	6,795.8	175.4	-133.8	-172.3	0.00	0.00	0.00
6,900.0	2.20	322.67	6,895.7	178.5	-136.1	-175.3	0.00	0.00	0.00
7,000.0	2.20	322.67	6,995.6	181.5	-138.4	-178.3	0.00	0.00	0.00
7,100.0	2.20	322.67	7,095.6	184.6	-140.8	-181.3	0.00	0.00	0.00
7,200.0	2.20	322.67	7,195.5	187.6	-143.1	-184.3	0.00	0.00	0.00
7,300.0	2.20	322.67	7,295.4	190.7	-145.4	-187.3	0.00	0.00	0.00
7,400.0	2.20	322.67	7,395.3	193.7	-147.7	-190.3	0.00	0.00	0.00
7,484.7	2.20	322.67	7,480.0	196.3	-149.7	-192.8	0.00	0.00	0.00
7,500.0	1.90	322.67	7,495.3	196.8	-150.0	-193.3	2.00	-2.00	0.00
7,594.8	0.00	0.01	7,590.0	198.0	-151.0	-194.5	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,595.2	198.0	-151.0	-194.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,695.2	198.0	-151.0	-194.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,795.2	198.0	-151.0	-194.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,895.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,995.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,100.0	0.00	0.00	8,095.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,195.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,295.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,395.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,495.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,595.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,695.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,795.2	198.0	-151.0	-194.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,895.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,995.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,095.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,195.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,295.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,400.0	0.00	0.00	9,395.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,500.0	0.00	0.00	9,495.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,600.0	0.00	0.00	9,595.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,700.0	0.00	0.00	9,695.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,800.0	0.00	0.00	9,795.2	198.0	-151.0	-194.5	0.00	0.00	0.00
9,900.0	0.00	0.00	9,895.2	198.0	-151.0	-194.5	0.00	0.00	0.00
10,000.0	0.00	0.00	9,995.2	198.0	-151.0	-194.5	0.00	0.00	0.00
10,100.0	0.00	0.00	10,095.2	198.0	-151.0	-194.5	0.00	0.00	0.00
10,182.3	0.00	0.01	10,177.5	198.0	-151.0	-194.5	0.00	0.00	0.00
KOP (Braswell 16 State #502H)									

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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)
10,200.0	2.13	179.58	10,195.2	197.7	-151.0	-194.2	12.00	12.00	0.00
10,225.0	5.13	179.58	10,220.2	196.1	-151.0	-192.6	12.00	12.00	0.00
10,250.0	8.13	179.58	10,245.0	193.2	-151.0	-189.7	12.00	12.00	0.00
10,275.0	11.13	179.58	10,269.7	189.0	-150.9	-185.5	12.00	12.00	0.00
10,300.0	14.13	179.58	10,294.1	183.6	-150.9	-180.1	12.00	12.00	0.00
10,325.0	17.13	179.58	10,318.1	176.8	-150.8	-173.3	12.00	12.00	0.00
10,350.0	20.13	179.58	10,341.8	168.8	-150.8	-165.3	12.00	12.00	0.00
10,375.0	23.13	179.58	10,365.1	159.6	-150.7	-156.1	12.00	12.00	0.00
10,400.0	26.13	179.58	10,387.8	149.2	-150.6	-145.7	12.00	12.00	0.00
10,425.0	29.13	179.58	10,409.9	137.6	-150.6	-134.1	12.00	12.00	0.00
10,450.0	32.13	179.58	10,431.4	124.9	-150.5	-121.4	12.00	12.00	0.00
10,475.0	35.13	179.58	10,452.2	111.0	-150.4	-107.6	12.00	12.00	0.00
10,500.0	38.13	179.58	10,472.3	96.1	-150.2	-92.7	12.00	12.00	0.00
10,525.0	41.13	179.58	10,491.6	80.2	-150.1	-76.7	12.00	12.00	0.00
10,550.0	44.13	179.58	10,509.9	63.2	-150.0	-59.8	12.00	12.00	0.00
10,575.0	47.13	179.58	10,527.4	45.4	-149.9	-41.9	12.00	12.00	0.00
10,582.3	48.01	179.58	10,532.4	40.0	-149.8	-36.6	12.00	12.00	0.00
FTP (Braswell 16 State #502H)									
10,600.0	50.13	179.58	10,544.0	26.6	-149.7	-23.2	12.00	12.00	0.00
10,625.0	53.13	179.58	10,559.5	7.0	-149.6	-3.6	12.00	12.00	0.00
10,650.0	56.13	179.58	10,573.9	-13.4	-149.4	16.8	12.00	12.00	0.00
10,675.0	59.13	179.58	10,587.3	-34.5	-149.3	37.9	12.00	12.00	0.00
10,700.0	62.13	179.58	10,599.6	-56.3	-149.1	59.7	12.00	12.00	0.00
10,725.0	65.13	179.58	10,610.7	-78.6	-149.0	82.0	12.00	12.00	0.00
10,750.0	68.13	179.58	10,620.6	-101.6	-148.8	105.0	12.00	12.00	0.00
10,775.0	71.13	179.58	10,629.3	-125.0	-148.6	128.4	12.00	12.00	0.00
10,800.0	74.13	179.58	10,636.8	-148.9	-148.4	152.2	12.00	12.00	0.00
10,825.0	77.13	179.58	10,643.0	-173.1	-148.3	176.4	12.00	12.00	0.00
10,850.0	80.13	179.58	10,647.9	-197.6	-148.1	200.9	12.00	12.00	0.00
10,875.0	83.13	179.58	10,651.5	-222.3	-147.9	225.7	12.00	12.00	0.00
10,900.0	86.13	179.58	10,653.9	-247.2	-147.7	250.5	12.00	12.00	0.00
10,925.0	89.13	179.58	10,654.9	-272.2	-147.5	275.5	12.00	12.00	0.00
10,932.3	90.00	179.58	10,655.0	-279.4	-147.5	282.7	12.00	12.00	0.00
11,000.0	90.00	179.58	10,655.0	-347.2	-147.0	350.5	0.00	0.00	0.00
11,100.0	90.00	179.58	10,655.0	-447.2	-146.2	450.4	0.00	0.00	0.00
11,200.0	90.00	179.58	10,655.0	-547.2	-145.5	550.4	0.00	0.00	0.00
11,300.0	90.00	179.58	10,655.0	-647.2	-144.7	650.3	0.00	0.00	0.00
11,400.0	90.00	179.58	10,655.0	-747.2	-144.0	750.3	0.00	0.00	0.00
11,500.0	90.00	179.58	10,655.0	-847.2	-143.3	850.2	0.00	0.00	0.00
11,600.0	90.00	179.58	10,655.0	-947.2	-142.5	950.2	0.00	0.00	0.00
11,700.0	90.00	179.58	10,655.0	-1,047.2	-141.8	1,050.1	0.00	0.00	0.00
11,800.0	90.00	179.58	10,655.0	-1,147.2	-141.0	1,150.1	0.00	0.00	0.00
11,900.0	90.00	179.58	10,655.0	-1,247.2	-140.3	1,250.1	0.00	0.00	0.00
12,000.0	90.00	179.58	10,655.0	-1,347.2	-139.6	1,350.0	0.00	0.00	0.00
12,100.0	90.00	179.58	10,655.0	-1,447.2	-138.8	1,450.0	0.00	0.00	0.00
12,200.0	90.00	179.58	10,655.0	-1,547.2	-138.1	1,549.9	0.00	0.00	0.00
12,300.0	90.00	179.58	10,655.0	-1,647.2	-137.3	1,649.9	0.00	0.00	0.00
12,400.0	90.00	179.58	10,655.0	-1,747.2	-136.6	1,749.8	0.00	0.00	0.00
12,500.0	90.00	179.58	10,655.0	-1,847.2	-135.9	1,849.8	0.00	0.00	0.00
12,600.0	90.00	179.58	10,655.0	-1,947.2	-135.1	1,949.7	0.00	0.00	0.00
12,700.0	90.00	179.58	10,655.0	-2,047.1	-134.4	2,049.7	0.00	0.00	0.00
12,800.0	90.00	179.58	10,655.0	-2,147.1	-133.6	2,149.6	0.00	0.00	0.00
12,900.0	90.00	179.58	10,655.0	-2,247.1	-132.9	2,249.6	0.00	0.00	0.00
13,000.0	90.00	179.58	10,655.0	-2,347.1	-132.2	2,349.5	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #502H
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:	#502H	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	179.58	10,655.0	-2,447.1	-131.4	2,449.5	0.00	0.00	0.00	
13,200.0	90.00	179.58	10,655.0	-2,547.1	-130.7	2,549.5	0.00	0.00	0.00	
13,300.0	90.00	179.58	10,655.0	-2,647.1	-129.9	2,649.4	0.00	0.00	0.00	
13,400.0	90.00	179.58	10,655.0	-2,747.1	-129.2	2,749.4	0.00	0.00	0.00	
13,500.0	90.00	179.58	10,655.0	-2,847.1	-128.5	2,849.3	0.00	0.00	0.00	
13,600.0	90.00	179.58	10,655.0	-2,947.1	-127.7	2,949.3	0.00	0.00	0.00	
13,700.0	90.00	179.58	10,655.0	-3,047.1	-127.0	3,049.2	0.00	0.00	0.00	
13,800.0	90.00	179.58	10,655.0	-3,147.1	-126.3	3,149.2	0.00	0.00	0.00	
13,900.0	90.00	179.58	10,655.0	-3,247.1	-125.5	3,249.1	0.00	0.00	0.00	
14,000.0	90.00	179.58	10,655.0	-3,347.1	-124.8	3,349.1	0.00	0.00	0.00	
14,100.0	90.00	179.58	10,655.0	-3,447.1	-124.0	3,449.0	0.00	0.00	0.00	
14,200.0	90.00	179.58	10,655.0	-3,547.1	-123.3	3,549.0	0.00	0.00	0.00	
14,300.0	90.00	179.58	10,655.0	-3,647.1	-122.6	3,649.0	0.00	0.00	0.00	
14,400.0	90.00	179.58	10,655.0	-3,747.1	-121.8	3,748.9	0.00	0.00	0.00	
14,500.0	90.00	179.58	10,655.0	-3,847.1	-121.1	3,848.9	0.00	0.00	0.00	
14,600.0	90.00	179.58	10,655.0	-3,947.1	-120.3	3,948.8	0.00	0.00	0.00	
14,700.0	90.00	179.58	10,655.0	-4,047.1	-119.6	4,048.8	0.00	0.00	0.00	
14,800.0	90.00	179.58	10,655.0	-4,147.1	-118.9	4,148.7	0.00	0.00	0.00	
14,900.0	90.00	179.58	10,655.0	-4,247.1	-118.1	4,248.7	0.00	0.00	0.00	
15,000.0	90.00	179.58	10,655.0	-4,347.1	-117.4	4,348.6	0.00	0.00	0.00	
15,100.0	90.00	179.58	10,655.0	-4,447.1	-116.6	4,448.6	0.00	0.00	0.00	
15,200.0	90.00	179.58	10,655.0	-4,547.1	-115.9	4,548.5	0.00	0.00	0.00	
15,300.0	90.00	179.58	10,655.0	-4,647.1	-115.2	4,648.5	0.00	0.00	0.00	
15,400.0	90.00	179.58	10,655.0	-4,747.1	-114.4	4,748.4	0.00	0.00	0.00	
15,500.0	90.00	179.58	10,655.0	-4,847.1	-113.7	4,848.4	0.00	0.00	0.00	
15,590.9	90.00	179.58	10,655.0	-4,938.0	-113.0	4,939.3	0.00	0.00	0.00	
PBHL (Braswell 16 State #502H)										

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 - plan hits target center - Point	0.00	0.01	10,177.5	198.0	-151.0	382,970.00	774,261.00	32° 3' 2.286 N	103° 34' 53.524 W	
FTP (Braswell 16 State # - plan misses target center by 163.4usft at 10582.3usft MD (10532.4 TVD, 40.0 N, -149.8 E) - Point	0.00	0.01	10,655.0	148.0	-151.0	382,920.00	774,261.00	32° 3' 1.792 N	103° 34' 53.528 W	
PBHL (Braswell 16 State - plan hits target center - Point	0.00	0.00	10,655.0	-4,938.0	-113.0	377,834.00	774,299.00	32° 2' 11.460 N	103° 34' 53.497 W	