



EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Quail 2 State Com

#723H

**NM OIL CONSERVATION
ARTESIA DISTRICT**

OH

MAR 18 2019

30-015-45793

RECEIVED

Plan: Plan #0.1

Standard Planning Report

05 March, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #723H
Company:	EOG Resources - Midland	TVD Reference:	KB = @ 3242.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB = @ 3242.0usft
Site:	Quail 2 State Com	North Reference:	Grid
Well:	#723H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project	Eddy 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	Quail 2 State Com		
Site Position:		Northing:	392,709.00 usft
From:	Map	Easting:	692,792.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 4' 43.295 N
		Longitude:	103° 50' 39.610 W
		Grid Convergence:	0.26 °

Well	#723H		
Well Position	+N-S	-121.0 usft	Northing: 392,588.00 usft
	+E-W	-2,697.0 usft	Easting: 690,095.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 4' 42.218 N
			Longitude: 103° 51' 10.963 W
			Ground Level: 3,217.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	3/5/2019	8.89
			Dip Angle
			59.86
			Field Strength
			47,647.50179599 (nT)

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			174.97

Plan Survey Tool Program	Date	3/5/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name	Remarks
(usft)	(usft)			
1	0.0	16,209.8 Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

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)	(°)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,596.9	5.94	57.60	1,596.4	8.2	13.0	2.00	2.00	0.00	57.60	
5,809.7	5.94	57.60	5,786.6	241.8	381.0	0.00	0.00	0.00	0.00	
6,106.7	0.00	0.00	6,083.0	250.0	394.0	2.00	-2.00	0.00	180.00	
10,897.2	0.00	0.00	10,873.5	250.0	394.0	0.00	0.00	0.00	0.00	KOP(Quail 2 State Cc
11,847.2	90.00	179.68	11,351.0	-227.5	396.7	12.00	12.00	23.96	179.68	
16,209.8	90.00	179.68	11,351.0	-4,790.0	422.0	0.00	0.00	0.00	0.00	PBHL(Quail 2 State C

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Site:	Quail 2 State Com	North Reference:	Grid
Well:	#723H	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	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	2.00	57.60	1,400.0	0.9	1.5	-0.8	2.00	2.00	0.00	
1,500.0	4.00	57.60	1,499.8	3.7	5.9	-3.2	2.00	2.00	0.00	
1,596.9	5.94	57.60	1,596.4	8.2	13.0	-7.1	2.00	2.00	0.00	
1,600.0	5.94	57.60	1,599.5	8.4	13.2	-7.2	0.00	0.00	0.00	
1,700.0	5.94	57.60	1,698.9	14.0	22.0	-12.0	0.00	0.00	0.00	
1,800.0	5.94	57.60	1,798.4	19.5	30.7	-16.7	0.00	0.00	0.00	
1,900.0	5.94	57.60	1,897.8	25.0	39.5	-21.5	0.00	0.00	0.00	
2,000.0	5.94	57.60	1,997.3	30.6	48.2	-26.2	0.00	0.00	0.00	
2,100.0	5.94	57.60	2,096.8	36.1	56.9	-31.0	0.00	0.00	0.00	
2,200.0	5.94	57.60	2,196.2	41.7	65.7	-35.7	0.00	0.00	0.00	
2,300.0	5.94	57.60	2,295.7	47.2	74.4	-40.5	0.00	0.00	0.00	
2,400.0	5.94	57.60	2,395.2	52.8	83.1	-45.3	0.00	0.00	0.00	
2,500.0	5.94	57.60	2,494.6	58.3	91.9	-50.0	0.00	0.00	0.00	
2,600.0	5.94	57.60	2,594.1	63.8	100.6	-54.8	0.00	0.00	0.00	
2,700.0	5.94	57.60	2,693.5	69.4	109.3	-59.5	0.00	0.00	0.00	
2,800.0	5.94	57.60	2,793.0	74.9	118.1	-64.3	0.00	0.00	0.00	
2,900.0	5.94	57.60	2,892.5	80.5	126.8	-69.0	0.00	0.00	0.00	
3,000.0	5.94	57.60	2,991.9	86.0	135.6	-73.8	0.00	0.00	0.00	
3,100.0	5.94	57.60	3,091.4	91.6	144.3	-78.5	0.00	0.00	0.00	
3,200.0	5.94	57.60	3,190.9	97.1	153.0	-83.3	0.00	0.00	0.00	
3,300.0	5.94	57.60	3,290.3	102.6	161.8	-88.0	0.00	0.00	0.00	
3,400.0	5.94	57.60	3,389.8	108.2	170.5	-92.8	0.00	0.00	0.00	
3,500.0	5.94	57.60	3,489.3	113.7	179.2	-97.6	0.00	0.00	0.00	
3,600.0	5.94	57.60	3,588.7	119.3	188.0	-102.3	0.00	0.00	0.00	
3,700.0	5.94	57.60	3,688.2	124.8	196.7	-107.1	0.00	0.00	0.00	
3,800.0	5.94	57.60	3,787.6	130.4	205.4	-111.8	0.00	0.00	0.00	
3,900.0	5.94	57.60	3,887.1	135.9	214.2	-116.6	0.00	0.00	0.00	
4,000.0	5.94	57.60	3,986.6	141.4	222.9	-121.3	0.00	0.00	0.00	
4,100.0	5.94	57.60	4,086.0	147.0	231.7	-126.1	0.00	0.00	0.00	
4,200.0	5.94	57.60	4,185.5	152.5	240.4	-130.8	0.00	0.00	0.00	
4,300.0	5.94	57.60	4,285.0	158.1	249.1	-135.6	0.00	0.00	0.00	
4,400.0	5.94	57.60	4,384.4	163.6	257.9	-140.4	0.00	0.00	0.00	
4,500.0	5.94	57.60	4,483.9	169.2	266.6	-145.1	0.00	0.00	0.00	
4,600.0	5.94	57.60	4,583.4	174.7	275.3	-149.9	0.00	0.00	0.00	
4,700.0	5.94	57.60	4,682.8	180.2	284.1	-154.6	0.00	0.00	0.00	
4,800.0	5.94	57.60	4,782.3	185.8	292.8	-159.4	0.00	0.00	0.00	
4,900.0	5.94	57.60	4,881.7	191.3	301.5	-164.1	0.00	0.00	0.00	
5,000.0	5.94	57.60	4,981.2	196.9	310.3	-168.9	0.00	0.00	0.00	
5,100.0	5.94	57.60	5,080.7	202.4	319.0	-173.6	0.00	0.00	0.00	
5,200.0	5.94	57.60	5,180.1	208.0	327.8	-178.4	0.00	0.00	0.00	

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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	5.94	57.60	5,279.6	213.5	336.5	-183.2	0.00	0.00	0.00	
5,400.0	5.94	57.60	5,379.1	219.1	345.2	-187.9	0.00	0.00	0.00	
5,500.0	5.94	57.60	5,478.5	224.6	354.0	-192.7	0.00	0.00	0.00	
5,600.0	5.94	57.60	5,578.0	230.1	362.7	-197.4	0.00	0.00	0.00	
5,700.0	5.94	57.60	5,677.4	235.7	371.4	-202.2	0.00	0.00	0.00	
5,809.7	5.94	57.60	5,786.8	241.8	381.0	-207.4	0.00	0.00	0.00	
5,900.0	4.13	57.60	5,876.5	246.0	387.7	-211.0	2.00	-2.00	0.00	
6,000.0	2.13	57.60	5,976.4	248.9	392.3	-213.5	2.00	-2.00	0.00	
6,106.7	0.00	0.00	6,083.0	250.0	394.0	-214.5	2.00	-2.00	0.00	
6,200.0	0.00	0.00	6,176.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,300.0	0.00	0.00	6,276.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,400.0	0.00	0.00	6,376.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,500.0	0.00	0.00	6,476.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,600.0	0.00	0.00	6,576.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,700.0	0.00	0.00	6,676.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,800.0	0.00	0.00	6,776.3	250.0	394.0	-214.5	0.00	0.00	0.00	
6,900.0	0.00	0.00	6,876.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,000.0	0.00	0.00	6,976.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,100.0	0.00	0.00	7,076.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,200.0	0.00	0.00	7,176.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,300.0	0.00	0.00	7,276.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,400.0	0.00	0.00	7,376.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,500.0	0.00	0.00	7,476.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,600.0	0.00	0.00	7,576.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,700.0	0.00	0.00	7,676.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,800.0	0.00	0.00	7,776.3	250.0	394.0	-214.5	0.00	0.00	0.00	
7,900.0	0.00	0.00	7,876.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,000.0	0.00	0.00	7,976.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,100.0	0.00	0.00	8,076.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,200.0	0.00	0.00	8,176.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,300.0	0.00	0.00	8,276.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,400.0	0.00	0.00	8,376.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,500.0	0.00	0.00	8,476.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,600.0	0.00	0.00	8,576.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,700.0	0.00	0.00	8,676.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,800.0	0.00	0.00	8,776.3	250.0	394.0	-214.5	0.00	0.00	0.00	
8,900.0	0.00	0.00	8,876.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,000.0	0.00	0.00	8,976.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,100.0	0.00	0.00	9,076.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,200.0	0.00	0.00	9,176.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,300.0	0.00	0.00	9,276.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,400.0	0.00	0.00	9,376.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,500.0	0.00	0.00	9,476.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,600.0	0.00	0.00	9,576.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,700.0	0.00	0.00	9,676.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,800.0	0.00	0.00	9,776.3	250.0	394.0	-214.5	0.00	0.00	0.00	
9,900.0	0.00	0.00	9,876.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,000.0	0.00	0.00	9,976.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,100.0	0.00	0.00	10,076.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,200.0	0.00	0.00	10,176.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,300.0	0.00	0.00	10,276.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,400.0	0.00	0.00	10,376.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,500.0	0.00	0.00	10,476.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,600.0	0.00	0.00	10,576.3	250.0	394.0	-214.5	0.00	0.00	0.00	

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Site:	Quail 2 State Com	North Reference:	Grid
Well:	#723H	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)	
10,700.0	0.00	0.00	10,878.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,800.0	0.00	0.00	10,778.3	250.0	394.0	-214.5	0.00	0.00	0.00	
10,897.2	0.00	0.00	10,873.5	250.0	394.0	-214.5	0.00	0.00	0.00	
KOP(Quail 2 State Com #723H)										
10,900.0	0.34	179.68	10,876.3	250.0	394.0	-214.4	12.00	12.00	0.00	
10,925.0	3.34	179.68	10,901.3	249.2	394.0	-213.6	12.00	12.00	0.00	
10,950.0	6.34	179.68	10,928.2	247.1	394.0	-211.5	12.00	12.00	0.00	
10,975.0	9.34	179.68	10,951.0	243.7	394.0	-208.2	12.00	12.00	0.00	
11,000.0	12.34	179.68	10,975.5	239.0	394.1	-203.5	12.00	12.00	0.00	
11,025.0	15.34	179.68	10,999.8	233.0	394.1	-197.5	12.00	12.00	0.00	
11,050.0	18.34	179.68	11,023.7	225.7	394.1	-190.3	12.00	12.00	0.00	
11,075.0	21.34	179.68	11,047.2	217.3	394.2	-181.8	12.00	12.00	0.00	
11,100.0	24.34	179.68	11,070.3	207.6	394.2	-172.2	12.00	12.00	0.00	
11,125.0	27.34	179.68	11,092.8	196.7	394.3	-161.3	12.00	12.00	0.00	
11,150.0	30.34	179.68	11,114.7	184.6	394.4	-149.3	12.00	12.00	0.00	
11,175.0	33.34	179.68	11,135.9	171.4	394.4	-136.1	12.00	12.00	0.00	
11,200.0	36.34	179.68	11,158.4	157.1	394.5	-121.9	12.00	12.00	0.00	
11,225.0	39.34	179.68	11,178.2	141.8	394.6	-106.6	12.00	12.00	0.00	
11,250.0	42.34	179.68	11,195.1	125.5	394.7	-90.3	12.00	12.00	0.00	
11,275.0	45.34	179.68	11,213.1	108.2	394.8	-73.1	12.00	12.00	0.00	
11,300.0	48.34	179.68	11,230.2	89.9	394.9	-54.9	12.00	12.00	0.00	
11,325.0	51.34	179.68	11,246.3	70.8	395.0	-35.9	12.00	12.00	0.00	
11,350.0	54.34	179.68	11,261.4	50.9	395.1	-16.0	12.00	12.00	0.00	
11,375.0	57.34	179.68	11,275.5	30.2	395.2	4.6	12.00	12.00	0.00	
11,400.0	60.34	179.68	11,288.4	8.8	395.3	25.9	12.00	12.00	0.00	
11,425.0	63.34	179.68	11,300.2	-13.2	395.5	47.9	12.00	12.00	0.00	
11,450.0	66.34	179.68	11,310.8	-35.8	395.6	70.4	12.00	12.00	0.00	
11,457.0	67.17	179.68	11,313.6	-42.2	395.6	76.8	12.00	12.00	0.00	
FTP(Quail 2 State Com #723H)										
11,475.0	69.34	179.68	11,320.3	-59.0	395.7	93.5	12.00	12.00	0.00	
11,500.0	72.34	179.68	11,328.5	-82.6	395.8	117.0	12.00	12.00	0.00	
11,525.0	75.34	179.68	11,335.4	-106.6	396.0	141.0	12.00	12.00	0.00	
11,550.0	78.34	179.68	11,341.1	-131.0	396.1	165.2	12.00	12.00	0.00	
11,575.0	81.34	179.68	11,345.5	-155.6	396.3	189.7	12.00	12.00	0.00	
11,600.0	84.34	179.68	11,348.6	-180.4	396.4	214.5	12.00	12.00	0.00	
11,625.0	87.34	179.68	11,350.4	-205.3	396.5	239.3	12.00	12.00	0.00	
11,647.2	90.00	179.68	11,351.0	-227.5	396.7	261.4	12.00	12.00	0.00	
11,700.0	90.00	179.68	11,351.0	-280.3	396.9	314.0	0.00	0.00	0.00	
11,800.0	90.00	179.68	11,351.0	-380.3	397.5	413.7	0.00	0.00	0.00	
11,900.0	90.00	179.68	11,351.0	-480.3	398.1	513.4	0.00	0.00	0.00	
12,000.0	90.00	179.68	11,351.0	-580.3	398.6	613.0	0.00	0.00	0.00	
12,100.0	90.00	179.68	11,351.0	-680.3	399.2	712.7	0.00	0.00	0.00	
12,200.0	90.00	179.68	11,351.0	-780.3	399.7	812.3	0.00	0.00	0.00	
12,300.0	90.00	179.68	11,351.0	-880.3	400.3	912.0	0.00	0.00	0.00	
12,400.0	90.00	179.68	11,351.0	-980.3	400.8	1,011.7	0.00	0.00	0.00	
12,500.0	90.00	179.68	11,351.0	-1,080.3	401.4	1,111.3	0.00	0.00	0.00	
12,600.0	90.00	179.68	11,351.0	-1,180.3	401.9	1,211.0	0.00	0.00	0.00	
12,700.0	90.00	179.68	11,351.0	-1,280.3	402.5	1,310.7	0.00	0.00	0.00	
12,800.0	90.00	179.68	11,351.0	-1,380.3	403.1	1,410.3	0.00	0.00	0.00	
12,900.0	90.00	179.68	11,351.0	-1,480.3	403.6	1,510.0	0.00	0.00	0.00	
13,000.0	90.00	179.68	11,351.0	-1,580.3	404.2	1,609.6	0.00	0.00	0.00	
13,100.0	90.00	179.68	11,351.0	-1,680.3	404.7	1,709.3	0.00	0.00	0.00	
13,200.0	90.00	179.68	11,351.0	-1,780.3	405.3	1,809.0	0.00	0.00	0.00	
13,300.0	90.00	179.68	11,351.0	-1,880.3	405.8	1,908.6	0.00	0.00	0.00	

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #723H
Company:	EOG Resources - Midland	TVD Reference:	KB = @ 3242.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB = @ 3242.0usft
Site:	Quail 2 State Com	North Reference:	Grid
Well:	#723H	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)
13,400.0	90.00	179.68	11,351.0	-1,980.3	406.4	2,008.3	0.00	0.00	0.00
13,500.0	90.00	179.68	11,351.0	-2,080.3	406.9	2,107.9	0.00	0.00	0.00
13,600.0	90.00	179.68	11,351.0	-2,180.3	407.5	2,207.6	0.00	0.00	0.00
13,700.0	90.00	179.68	11,351.0	-2,280.3	408.1	2,307.3	0.00	0.00	0.00
13,800.0	90.00	179.68	11,351.0	-2,380.3	408.6	2,406.9	0.00	0.00	0.00
13,900.0	90.00	179.68	11,351.0	-2,480.3	409.2	2,506.6	0.00	0.00	0.00
14,000.0	90.00	179.68	11,351.0	-2,580.2	409.7	2,606.3	0.00	0.00	0.00
14,100.0	90.00	179.68	11,351.0	-2,680.2	410.3	2,705.9	0.00	0.00	0.00
14,200.0	90.00	179.68	11,351.0	-2,780.2	410.8	2,805.6	0.00	0.00	0.00
14,300.0	90.00	179.68	11,351.0	-2,880.2	411.4	2,905.2	0.00	0.00	0.00
14,400.0	90.00	179.68	11,351.0	-2,980.2	411.9	3,004.9	0.00	0.00	0.00
14,500.0	90.00	179.68	11,351.0	-3,080.2	412.5	3,104.6	0.00	0.00	0.00
14,600.0	90.00	179.68	11,351.0	-3,180.2	413.1	3,204.2	0.00	0.00	0.00
14,700.0	90.00	179.68	11,351.0	-3,280.2	413.6	3,303.9	0.00	0.00	0.00
14,800.0	90.00	179.68	11,351.0	-3,380.2	414.2	3,403.5	0.00	0.00	0.00
14,900.0	90.00	179.68	11,351.0	-3,480.2	414.7	3,503.2	0.00	0.00	0.00
15,000.0	90.00	179.68	11,351.0	-3,580.2	415.3	3,602.9	0.00	0.00	0.00
15,100.0	90.00	179.68	11,351.0	-3,680.2	415.8	3,702.5	0.00	0.00	0.00
15,200.0	90.00	179.68	11,351.0	-3,780.2	416.4	3,802.2	0.00	0.00	0.00
15,300.0	90.00	179.68	11,351.0	-3,880.2	416.9	3,901.8	0.00	0.00	0.00
15,400.0	90.00	179.68	11,351.0	-3,980.2	417.5	4,001.5	0.00	0.00	0.00
15,500.0	90.00	179.68	11,351.0	-4,080.2	418.1	4,101.2	0.00	0.00	0.00
15,600.0	90.00	179.68	11,351.0	-4,180.2	418.6	4,200.8	0.00	0.00	0.00
15,700.0	90.00	179.68	11,351.0	-4,280.2	419.2	4,300.5	0.00	0.00	0.00
15,800.0	90.00	179.68	11,351.0	-4,380.2	419.7	4,400.2	0.00	0.00	0.00
15,900.0	90.00	179.68	11,351.0	-4,480.2	420.3	4,499.8	0.00	0.00	0.00
16,000.0	90.00	179.68	11,351.0	-4,580.2	420.8	4,599.5	0.00	0.00	0.00
16,100.0	90.00	179.68	11,351.0	-4,680.2	421.4	4,699.1	0.00	0.00	0.00
16,209.8	90.00	179.68	11,351.0	-4,790.0	422.0	4,808.6	0.00	0.00	0.00

PBHL(Quail 2 State Com #723H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Quail 2 State Com - hit/miss target - Shape - Point	0.00	0.00	10,873.5	250.0	394.0	392,838.00	690,489.00	32° 4' 44.674 N	103° 51' 6.371 W
FTP(Quail 2 State Com - plan hits target center by 40.4usft at 11457.0usft MD (11313.6 TVD, -42.2 N, 395.6 E) - Point	0.00	0.00	11,351.0	-27.0	394.0	392,561.00	690,489.00	32° 4' 41.933 N	103° 51' 6.385 W
PBHL(Quail 2 State Com - plan hits target center - Point	0.00	0.01	11,351.0	-4,790.0	422.0	387,798.00	690,517.00	32° 3' 54.797 N	103° 51' 6.307 W