



EOG Resources - Midland

Eddy County, NM (NAD 83 NME)

Quail 2 State Com

#594H

**NM OIL CONSERVATION
ARTESIA DISTRICT**

MAR 18 2019

RECEIVED

OH

30.015-45788

Plan: Plan #0.1

Standard Planning Report

05 March, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #594H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3242.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3242.0usft
Site:	Quail 2 State Com	North Reference:	Grid
Well:	#594H	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:	Map	Northing:	392,709.00 usft
From:		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	#594H		
Well Position	+N-S	-121.0 usft	Northing:
	+E-W	-2,730.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	3,217.0 usft
		Latitude:	32° 4' 42.219 N
		Longitude:	103° 51' 11.347 W

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
			(°)
	IGRF2015	3/5/2019	6.89
			Dip Angle
			(°)
			Field Strength
			(nT)
			59.86
			47,647.49074340

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
			(°)
			188.20

Plan Survey Tool Program	Date 3/5/2019		
Depth From	Depth To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
1	0.0	15,431.8 Plan #0.1 (OH)	MWD
			OWSG MWD - Standard
			Remarks

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	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,821.3	10.43	288.13	1,818.5	14.7	-45.0	2.00	2.00	0.00	288.13	
5,830.3	10.43	288.13	5,564.5	229.3	-700.0	0.00	0.00	0.00	0.00	
6,151.6	0.00	0.00	6,083.0	244.0	-745.0	2.00	-2.00	0.00	180.00	
9,986.1	0.00	0.00	9,917.5	244.0	-745.0	0.00	0.00	0.00	0.00	KOP(Quail 2 State C
10,736.1	90.00	179.61	10,395.0	-233.5	-741.8	12.00	12.00	23.95	179.61	
15,431.8	90.00	179.61	10,395.0	-4,929.0	-710.0	0.00	0.00	0.00	0.00	PBHL(Quail 2 State C

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Site:	Quail 2 State Corn	North Reference:	Grid
Well:	#594H	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	288.13	1,400.0	0.5	-1.7	-0.3	2.00	2.00	0.00
1,500.0	4.00	288.13	1,499.8	2.2	-6.6	-1.2	2.00	2.00	0.00
1,600.0	6.00	288.13	1,599.5	4.9	-14.9	-2.7	2.00	2.00	0.00
1,700.0	8.00	288.13	1,698.7	8.7	-28.5	-4.8	2.00	2.00	0.00
1,800.0	10.00	288.13	1,797.5	13.5	-41.4	-7.5	2.00	2.00	0.00
1,821.3	10.43	288.13	1,818.5	14.7	-45.0	-8.2	2.00	2.00	0.00
1,900.0	10.43	288.13	1,895.8	19.2	-58.5	-10.6	0.00	0.00	0.00
2,000.0	10.43	288.13	1,994.2	24.8	-75.7	-13.7	0.00	0.00	0.00
2,100.0	10.43	288.13	2,092.5	30.4	-92.9	-16.9	0.00	0.00	0.00
2,200.0	10.43	288.13	2,190.9	36.1	-110.1	-20.0	0.00	0.00	0.00
2,300.0	10.43	288.13	2,289.2	41.7	-127.3	-23.1	0.00	0.00	0.00
2,400.0	10.43	288.13	2,387.6	47.3	-144.5	-26.2	0.00	0.00	0.00
2,500.0	10.43	288.13	2,485.9	53.0	-161.7	-29.4	0.00	0.00	0.00
2,600.0	10.43	288.13	2,584.3	58.6	-178.9	-32.5	0.00	0.00	0.00
2,700.0	10.43	288.13	2,682.6	64.2	-196.1	-35.6	0.00	0.00	0.00
2,800.0	10.43	288.13	2,781.0	69.9	-213.3	-38.7	0.00	0.00	0.00
2,900.0	10.43	288.13	2,879.3	75.5	-230.5	-41.9	0.00	0.00	0.00
3,000.0	10.43	288.13	2,977.7	81.1	-247.7	-45.0	0.00	0.00	0.00
3,100.0	10.43	288.13	3,076.0	86.7	-264.9	-48.1	0.00	0.00	0.00
3,200.0	10.43	288.13	3,174.4	92.4	-282.1	-51.2	0.00	0.00	0.00
3,300.0	10.43	288.13	3,272.7	98.0	-299.3	-54.3	0.00	0.00	0.00
3,400.0	10.43	288.13	3,371.1	103.6	-316.5	-57.5	0.00	0.00	0.00
3,500.0	10.43	288.13	3,469.4	109.3	-333.7	-60.6	0.00	0.00	0.00
3,600.0	10.43	288.13	3,567.8	114.9	-350.9	-63.7	0.00	0.00	0.00
3,700.0	10.43	288.13	3,666.1	120.5	-368.1	-66.8	0.00	0.00	0.00
3,800.0	10.43	288.13	3,764.5	126.2	-385.3	-70.0	0.00	0.00	0.00
3,900.0	10.43	288.13	3,862.8	131.8	-402.5	-73.1	0.00	0.00	0.00
4,000.0	10.43	288.13	3,961.2	137.4	-419.7	-76.2	0.00	0.00	0.00
4,100.0	10.43	288.13	4,059.5	143.1	-436.9	-79.3	0.00	0.00	0.00
4,200.0	10.43	288.13	4,157.8	148.7	-454.1	-82.5	0.00	0.00	0.00
4,300.0	10.43	288.13	4,256.2	154.3	-471.3	-85.6	0.00	0.00	0.00
4,400.0	10.43	288.13	4,354.5	160.0	-488.4	-88.7	0.00	0.00	0.00
4,500.0	10.43	288.13	4,452.9	165.6	-505.6	-91.8	0.00	0.00	0.00
4,600.0	10.43	288.13	4,551.2	171.2	-522.8	-94.9	0.00	0.00	0.00
4,700.0	10.43	288.13	4,649.6	176.9	-540.0	-98.1	0.00	0.00	0.00
4,800.0	10.43	288.13	4,747.9	182.5	-557.2	-101.2	0.00	0.00	0.00
4,900.0	10.43	288.13	4,846.3	188.1	-574.4	-104.3	0.00	0.00	0.00
5,000.0	10.43	288.13	4,944.6	193.8	-591.6	-107.4	0.00	0.00	0.00
5,100.0	10.43	288.13	5,043.0	199.4	-608.8	-110.6	0.00	0.00	0.00
5,200.0	10.43	288.13	5,141.3	205.0	-626.0	-113.7	0.00	0.00	0.00

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Site:	Quail 2 State Com	North Reference:	Grid
Well:	#584H	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	10.43	288.13	5,239.7	210.7	-643.2	-116.8	0.00	0.00	0.00
5,400.0	10.43	288.13	5,338.0	216.3	-660.4	-119.9	0.00	0.00	0.00
5,500.0	10.43	288.13	5,436.4	221.9	-677.6	-123.1	0.00	0.00	0.00
5,600.0	10.43	288.13	5,534.7	227.6	-694.8	-126.2	0.00	0.00	0.00
5,630.3	10.43	288.13	5,564.5	229.3	-700.0	-127.1	0.00	0.00	0.00
5,700.0	9.03	288.13	5,633.2	232.9	-711.2	-129.2	2.00	-2.00	0.00
5,800.0	7.03	288.13	5,732.2	237.3	-724.5	-131.6	2.00	-2.00	0.00
5,900.0	5.03	288.13	5,831.7	240.6	-734.5	-133.4	2.00	-2.00	0.00
6,000.0	3.03	288.13	5,931.4	242.8	-741.2	-134.6	2.00	-2.00	0.00
6,100.0	1.03	288.13	6,031.4	243.9	-744.6	-135.2	2.00	-2.00	0.00
6,151.6	0.00	0.00	6,083.0	244.0	-745.0	-135.3	2.00	-2.00	0.00
6,200.0	0.00	0.00	6,131.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,300.0	0.00	0.00	6,231.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,400.0	0.00	0.00	6,331.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,500.0	0.00	0.00	6,431.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,600.0	0.00	0.00	6,531.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,700.0	0.00	0.00	6,631.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,800.0	0.00	0.00	6,731.4	244.0	-745.0	-135.3	0.00	0.00	0.00
6,900.0	0.00	0.00	6,831.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,000.0	0.00	0.00	6,931.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,100.0	0.00	0.00	7,031.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,200.0	0.00	0.00	7,131.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,300.0	0.00	0.00	7,231.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,400.0	0.00	0.00	7,331.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,500.0	0.00	0.00	7,431.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,600.0	0.00	0.00	7,531.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,700.0	0.00	0.00	7,631.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,800.0	0.00	0.00	7,731.4	244.0	-745.0	-135.3	0.00	0.00	0.00
7,900.0	0.00	0.00	7,831.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,000.0	0.00	0.00	7,931.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,100.0	0.00	0.00	8,031.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,200.0	0.00	0.00	8,131.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,300.0	0.00	0.00	8,231.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,400.0	0.00	0.00	8,331.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,500.0	0.00	0.00	8,431.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,600.0	0.00	0.00	8,531.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,700.0	0.00	0.00	8,631.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,800.0	0.00	0.00	8,731.4	244.0	-745.0	-135.3	0.00	0.00	0.00
8,900.0	0.00	0.00	8,831.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,000.0	0.00	0.00	8,931.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,100.0	0.00	0.00	9,031.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,200.0	0.00	0.00	9,131.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,300.0	0.00	0.00	9,231.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,400.0	0.00	0.00	9,331.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,500.0	0.00	0.00	9,431.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,600.0	0.00	0.00	9,531.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,700.0	0.00	0.00	9,631.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,800.0	0.00	0.00	9,731.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,900.0	0.00	0.00	9,831.4	244.0	-745.0	-135.3	0.00	0.00	0.00
9,986.1	0.00	0.00	9,917.5	244.0	-745.0	-135.3	0.00	0.00	0.00
KOP(Quail 2 State Com #584H)									
10,000.0	1.66	179.61	9,931.4	243.8	-745.0	-135.1	12.00	12.00	0.00
10,025.0	4.66	179.61	9,956.3	242.4	-745.0	-133.7	12.00	12.00	0.00

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Well:	#594H	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)
10,050.0	7.66	179.61	9,981.2	239.7	-745.0	-131.1	12.00	12.00	0.00
10,075.0	10.66	179.61	10,005.8	235.8	-744.9	-127.1	12.00	12.00	0.00
10,100.0	13.66	179.61	10,030.3	230.5	-744.9	-121.9	12.00	12.00	0.00
10,125.0	16.66	179.61	10,054.4	224.0	-744.9	-115.5	12.00	12.00	0.00
10,150.0	19.66	179.61	10,078.2	216.2	-744.8	-107.8	12.00	12.00	0.00
10,175.0	22.66	179.61	10,101.5	207.1	-744.8	-98.8	12.00	12.00	0.00
10,200.0	25.66	179.61	10,124.3	196.9	-744.7	-88.7	12.00	12.00	0.00
10,225.0	28.66	179.61	10,146.5	185.5	-744.6	-77.4	12.00	12.00	0.00
10,250.0	31.66	179.61	10,168.1	172.9	-744.5	-65.0	12.00	12.00	0.00
10,275.0	34.66	179.61	10,189.1	159.3	-744.4	-51.5	12.00	12.00	0.00
10,300.0	37.66	179.61	10,209.2	144.5	-744.3	-36.9	12.00	12.00	0.00
10,325.0	40.66	179.61	10,228.6	128.7	-744.2	-21.3	12.00	12.00	0.00
10,350.0	43.66	179.61	10,247.1	111.9	-744.1	-4.7	12.00	12.00	0.00
10,375.0	46.66	179.61	10,264.8	94.2	-744.0	12.8	12.00	12.00	0.00
10,387.5	48.17	179.61	10,273.2	85.0	-743.9	21.9	12.00	12.00	0.00
FTP(Quail 2 State Com #594H)									
10,400.0	49.66	179.61	10,281.4	75.6	-743.9	31.2	12.00	12.00	0.00
10,425.0	52.66	179.61	10,297.1	56.1	-743.7	50.5	12.00	12.00	0.00
10,450.0	55.66	179.61	10,311.8	35.9	-743.6	70.5	12.00	12.00	0.00
10,475.0	58.66	179.61	10,325.3	14.9	-743.4	91.3	12.00	12.00	0.00
10,500.0	61.66	179.61	10,337.8	-6.8	-743.3	112.7	12.00	12.00	0.00
10,525.0	64.66	179.61	10,349.0	-29.1	-743.2	134.8	12.00	12.00	0.00
10,550.0	67.66	179.61	10,359.1	-52.0	-743.0	157.4	12.00	12.00	0.00
10,575.0	70.66	179.61	10,368.0	-75.4	-742.8	180.5	12.00	12.00	0.00
10,600.0	73.66	179.61	10,375.7	-99.2	-742.7	204.0	12.00	12.00	0.00
10,625.0	76.66	179.61	10,382.1	-123.3	-742.5	227.9	12.00	12.00	0.00
10,650.0	79.66	179.61	10,387.2	-147.8	-742.3	252.1	12.00	12.00	0.00
10,675.0	82.66	179.61	10,391.1	-172.5	-742.2	276.5	12.00	12.00	0.00
10,700.0	85.66	179.61	10,393.6	-197.3	-742.0	301.1	12.00	12.00	0.00
10,725.0	88.66	179.61	10,394.8	-222.3	-741.8	325.8	12.00	12.00	0.00
10,736.1	90.00	179.61	10,395.0	-233.5	-741.8	336.8	12.00	12.00	0.00
10,800.0	90.00	179.61	10,395.0	-297.3	-741.3	400.0	0.00	0.00	0.00
10,900.0	90.00	179.61	10,395.0	-397.3	-740.7	498.8	0.00	0.00	0.00
11,000.0	90.00	179.61	10,395.0	-497.3	-740.0	597.7	0.00	0.00	0.00
11,100.0	90.00	179.61	10,395.0	-597.3	-739.3	696.6	0.00	0.00	0.00
11,200.0	90.00	179.61	10,395.0	-697.3	-738.6	795.5	0.00	0.00	0.00
11,300.0	90.00	179.61	10,395.0	-797.3	-738.0	894.4	0.00	0.00	0.00
11,400.0	90.00	179.61	10,395.0	-897.3	-737.3	993.2	0.00	0.00	0.00
11,500.0	90.00	179.61	10,395.0	-997.3	-736.6	1,092.1	0.00	0.00	0.00
11,600.0	90.00	179.61	10,395.0	-1,097.3	-735.9	1,191.0	0.00	0.00	0.00
11,700.0	90.00	179.61	10,395.0	-1,197.3	-735.2	1,289.9	0.00	0.00	0.00
11,800.0	90.00	179.61	10,395.0	-1,297.3	-734.6	1,388.8	0.00	0.00	0.00
11,900.0	90.00	179.61	10,395.0	-1,397.3	-733.9	1,487.6	0.00	0.00	0.00
12,000.0	90.00	179.61	10,395.0	-1,497.3	-733.2	1,586.5	0.00	0.00	0.00
12,100.0	90.00	179.61	10,395.0	-1,597.3	-732.5	1,685.4	0.00	0.00	0.00
12,200.0	90.00	179.61	10,395.0	-1,697.3	-731.9	1,784.3	0.00	0.00	0.00
12,300.0	90.00	179.61	10,395.0	-1,797.3	-731.2	1,883.2	0.00	0.00	0.00
12,400.0	90.00	179.61	10,395.0	-1,897.3	-730.5	1,982.0	0.00	0.00	0.00
12,500.0	90.00	179.61	10,395.0	-1,997.3	-729.8	2,080.9	0.00	0.00	0.00
12,600.0	90.00	179.61	10,395.0	-2,097.3	-729.2	2,179.8	0.00	0.00	0.00
12,700.0	90.00	179.61	10,395.0	-2,197.3	-728.5	2,278.7	0.00	0.00	0.00
12,800.0	90.00	179.61	10,395.0	-2,297.3	-727.8	2,377.6	0.00	0.00	0.00
12,900.0	90.00	179.61	10,395.0	-2,397.3	-727.1	2,476.4	0.00	0.00	0.00
13,000.0	90.00	179.61	10,395.0	-2,497.3	-726.5	2,575.3	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #594H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3242.0usft
Project:	Eddy County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3242.0usft
Site:	Quail 2 State Com	North Reference:	Grid
Well:	#594H	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)	Bulld Rate (°/100usft)	Turn Rate (°/100usft)
13,100.0	90.00	179.61	10,395.0	-2,597.3	-725.8	2,674.2	0.00	0.00	0.00
13,200.0	90.00	179.61	10,395.0	-2,697.3	-725.1	2,773.1	0.00	0.00	0.00
13,300.0	90.00	179.61	10,395.0	-2,797.3	-724.4	2,872.0	0.00	0.00	0.00
13,400.0	90.00	179.61	10,395.0	-2,897.3	-723.7	2,970.8	0.00	0.00	0.00
13,500.0	90.00	179.61	10,395.0	-2,997.3	-723.1	3,069.7	0.00	0.00	0.00
13,600.0	90.00	179.61	10,395.0	-3,097.2	-722.4	3,168.6	0.00	0.00	0.00
13,700.0	90.00	179.61	10,395.0	-3,197.2	-721.7	3,267.5	0.00	0.00	0.00
13,800.0	90.00	179.61	10,395.0	-3,297.2	-721.0	3,366.4	0.00	0.00	0.00
13,900.0	90.00	179.61	10,395.0	-3,397.2	-720.4	3,465.2	0.00	0.00	0.00
14,000.0	90.00	179.61	10,395.0	-3,497.2	-719.7	3,564.1	0.00	0.00	0.00
14,100.0	90.00	179.61	10,395.0	-3,597.2	-719.0	3,663.0	0.00	0.00	0.00
14,200.0	90.00	179.61	10,395.0	-3,697.2	-718.3	3,761.9	0.00	0.00	0.00
14,300.0	90.00	179.61	10,395.0	-3,797.2	-717.7	3,860.8	0.00	0.00	0.00
14,400.0	90.00	179.61	10,395.0	-3,897.2	-717.0	3,959.6	0.00	0.00	0.00
14,500.0	90.00	179.61	10,395.0	-3,997.2	-716.3	4,058.5	0.00	0.00	0.00
14,600.0	90.00	179.61	10,395.0	-4,097.2	-715.6	4,157.4	0.00	0.00	0.00
14,700.0	90.00	179.61	10,395.0	-4,197.2	-715.0	4,256.3	0.00	0.00	0.00
14,800.0	90.00	179.61	10,395.0	-4,297.2	-714.3	4,355.2	0.00	0.00	0.00
14,900.0	90.00	179.61	10,395.0	-4,397.2	-713.6	4,454.0	0.00	0.00	0.00
15,000.0	90.00	179.61	10,395.0	-4,497.2	-712.9	4,552.9	0.00	0.00	0.00
15,100.0	90.00	179.61	10,395.0	-4,597.2	-712.2	4,651.8	0.00	0.00	0.00
15,200.0	90.00	179.61	10,395.0	-4,697.2	-711.6	4,750.7	0.00	0.00	0.00
15,300.0	90.00	179.61	10,395.0	-4,797.2	-710.9	4,849.6	0.00	0.00	0.00
15,400.0	90.00	179.61	10,395.0	-4,897.2	-710.2	4,948.4	0.00	0.00	0.00
15,431.8	90.00	179.61	10,395.0	-4,929.0	-710.0	4,979.9	0.00	0.00	0.00
PBHL(Quail 2 State Com #594H)									

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	9,917.5	244.0	-745.0	392,832.00	689,317.00	32° 4' 44.667 N	103° 51' 19.993 W
FTP(Quail 2 State Com ; - plan misses target center by 163.4usft at 10387.5usft MD (10273.2 TVD, 85.0 N, -743.9 E) - Point	0.00	0.00	10,395.0	194.0	-745.0	392,782.00	689,317.00	32° 4' 44.172 N	103° 51' 19.996 W
PBHL(Quail 2 State Con - plan hits target center - Point	0.00	0.01	10,395.0	-4,929.0	-710.0	387,659.00	689,352.00	32° 3' 53.473 N	103° 51' 19.853 W