



OCD - HOBBS
07/31/2019
RECEIVED

EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Yarrow 32 State

#204H

OH

Plan: Plan #0.1

Standard Planning Report

29 July, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #204H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3697.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3697.0usft
Site:	Yarrow 32 State	North Reference:	Grid
Well:	#204H	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		Yarrow 32 State			
Site Position:		Northing:	457,304.00 usft	Latitude:	32° 15' 18.011 N
From:	Map	Easting:	771,862.00 usft	Longitude:	103° 35' 15.414 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.40 °

Well	#204H					
Well Position	+N/-S	56.0 usft	Northing:	457,360.00 usft	Latitude:	32° 15' 18.639 N
	+E/-W	-1,080.0 usft	Easting:	770,782.00 usft	Longitude:	103° 35' 27.986 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,672.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/25/2019	6.74	60.06	47,736.34503632

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	350.99

Plan Survey Tool Program	Date	7/29/2019			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	14,632.4 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	
1,500.0	0.00	0.00	1,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,920.3	8.41	240.31	1,918.8	-15.2	-26.7	2.00	2.00	0.00	240.31	
7,105.4	8.41	240.31	7,048.2	-390.8	-685.3	0.00	0.00	0.00	0.00	
7,525.7	0.00	0.00	7,467.0	-406.0	-712.0	2.00	-2.00	0.00	180.00	
9,229.7	0.00	0.00	9,171.0	-406.0	-712.0	0.00	0.00	0.00	0.00	KOP (Yarrow 32 State
9,979.7	90.00	359.59	9,648.5	71.4	-715.4	12.00	12.00	-0.06	359.59	
14,632.4	90.00	359.59	9,648.5	4,724.0	-749.0	0.00	0.00	0.00	0.00	PBHL (Yarrow 32 Stat

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Site:	Yarrow 32 State	North Reference:	Grid
Well:	#204H	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	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	2.00	240.31	1,600.0	-0.9	-1.5	-0.6	2.00	2.00	0.00
1,700.0	4.00	240.31	1,699.8	-3.5	-6.1	-2.5	2.00	2.00	0.00
1,800.0	6.00	240.31	1,799.5	-7.8	-13.6	-5.5	2.00	2.00	0.00
1,900.0	8.00	240.31	1,898.7	-13.8	-24.2	-9.8	2.00	2.00	0.00
1,920.3	8.41	240.31	1,918.8	-15.2	-26.7	-10.9	2.00	2.00	0.00
2,000.0	8.41	240.31	1,997.6	-21.0	-36.9	-15.0	0.00	0.00	0.00
2,100.0	8.41	240.31	2,096.6	-28.3	-49.6	-20.1	0.00	0.00	0.00
2,200.0	8.41	240.31	2,195.5	-35.5	-62.3	-25.3	0.00	0.00	0.00
2,300.0	8.41	240.31	2,294.4	-42.7	-75.0	-30.5	0.00	0.00	0.00
2,400.0	8.41	240.31	2,393.3	-50.0	-87.7	-35.6	0.00	0.00	0.00
2,500.0	8.41	240.31	2,492.3	-57.2	-100.4	-40.8	0.00	0.00	0.00
2,600.0	8.41	240.31	2,591.2	-64.5	-113.1	-46.0	0.00	0.00	0.00
2,700.0	8.41	240.31	2,690.1	-71.7	-125.8	-51.1	0.00	0.00	0.00
2,800.0	8.41	240.31	2,789.0	-79.0	-138.5	-56.3	0.00	0.00	0.00
2,900.0	8.41	240.31	2,888.0	-86.2	-151.2	-61.5	0.00	0.00	0.00
3,000.0	8.41	240.31	2,986.9	-93.4	-163.9	-66.6	0.00	0.00	0.00
3,100.0	8.41	240.31	3,085.8	-100.7	-176.6	-71.8	0.00	0.00	0.00
3,200.0	8.41	240.31	3,184.7	-107.9	-189.3	-77.0	0.00	0.00	0.00
3,300.0	8.41	240.31	3,283.7	-115.2	-202.0	-82.1	0.00	0.00	0.00
3,400.0	8.41	240.31	3,382.6	-122.4	-214.7	-87.3	0.00	0.00	0.00
3,500.0	8.41	240.31	3,481.5	-129.6	-227.4	-92.4	0.00	0.00	0.00
3,600.0	8.41	240.31	3,580.4	-136.9	-240.1	-97.6	0.00	0.00	0.00
3,700.0	8.41	240.31	3,679.4	-144.1	-252.8	-102.8	0.00	0.00	0.00
3,800.0	8.41	240.31	3,778.3	-151.4	-265.5	-107.9	0.00	0.00	0.00
3,900.0	8.41	240.31	3,877.2	-158.6	-278.2	-113.1	0.00	0.00	0.00
4,000.0	8.41	240.31	3,976.1	-165.9	-290.9	-118.3	0.00	0.00	0.00
4,100.0	8.41	240.31	4,075.1	-173.1	-303.6	-123.4	0.00	0.00	0.00
4,200.0	8.41	240.31	4,174.0	-180.3	-316.3	-128.6	0.00	0.00	0.00
4,300.0	8.41	240.31	4,272.9	-187.6	-329.0	-133.8	0.00	0.00	0.00
4,400.0	8.41	240.31	4,371.8	-194.8	-341.7	-138.9	0.00	0.00	0.00
4,500.0	8.41	240.31	4,470.8	-202.1	-354.4	-144.1	0.00	0.00	0.00
4,600.0	8.41	240.31	4,569.7	-209.3	-367.1	-149.2	0.00	0.00	0.00
4,700.0	8.41	240.31	4,668.6	-216.6	-379.8	-154.4	0.00	0.00	0.00
4,800.0	8.41	240.31	4,767.6	-223.8	-392.5	-159.6	0.00	0.00	0.00
4,900.0	8.41	240.31	4,866.5	-231.0	-405.2	-164.7	0.00	0.00	0.00
5,000.0	8.41	240.31	4,965.4	-238.3	-417.9	-169.9	0.00	0.00	0.00
5,100.0	8.41	240.31	5,064.3	-245.5	-430.6	-175.1	0.00	0.00	0.00
5,200.0	8.41	240.31	5,163.3	-252.8	-443.3	-180.2	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	8.41	240.31	5,262.2	-260.0	-456.0	-185.4	0.00	0.00	0.00
5,400.0	8.41	240.31	5,361.1	-267.2	-468.7	-190.6	0.00	0.00	0.00
5,500.0	8.41	240.31	5,460.0	-274.5	-481.4	-195.7	0.00	0.00	0.00
5,600.0	8.41	240.31	5,559.0	-281.7	-494.1	-200.9	0.00	0.00	0.00
5,700.0	8.41	240.31	5,657.9	-289.0	-506.8	-206.0	0.00	0.00	0.00
5,800.0	8.41	240.31	5,756.8	-296.2	-519.5	-211.2	0.00	0.00	0.00
5,900.0	8.41	240.31	5,855.7	-303.5	-532.2	-216.4	0.00	0.00	0.00
6,000.0	8.41	240.31	5,954.7	-310.7	-544.9	-221.5	0.00	0.00	0.00
6,100.0	8.41	240.31	6,053.6	-317.9	-557.6	-226.7	0.00	0.00	0.00
6,200.0	8.41	240.31	6,152.5	-325.2	-570.3	-231.9	0.00	0.00	0.00
6,300.0	8.41	240.31	6,251.4	-332.4	-583.0	-237.0	0.00	0.00	0.00
6,400.0	8.41	240.31	6,350.4	-339.7	-595.7	-242.2	0.00	0.00	0.00
6,500.0	8.41	240.31	6,449.3	-346.9	-608.4	-247.4	0.00	0.00	0.00
6,600.0	8.41	240.31	6,548.2	-354.2	-621.1	-252.5	0.00	0.00	0.00
6,700.0	8.41	240.31	6,647.1	-361.4	-633.8	-257.7	0.00	0.00	0.00
6,800.0	8.41	240.31	6,746.1	-368.6	-646.5	-262.9	0.00	0.00	0.00
6,900.0	8.41	240.31	6,845.0	-375.9	-659.2	-268.0	0.00	0.00	0.00
7,000.0	8.41	240.31	6,943.9	-383.1	-671.9	-273.2	0.00	0.00	0.00
7,105.4	8.41	240.31	7,048.2	-390.8	-685.3	-278.6	0.00	0.00	0.00
7,200.0	6.51	240.31	7,142.0	-396.8	-695.9	-283.0	2.00	-2.00	0.00
7,300.0	4.51	240.31	7,241.5	-401.6	-704.3	-286.4	2.00	-2.00	0.00
7,400.0	2.51	240.31	7,341.3	-404.6	-709.6	-288.5	2.00	-2.00	0.00
7,500.0	0.51	240.31	7,441.3	-405.9	-711.9	-289.5	2.00	-2.00	0.00
7,525.7	0.00	0.00	7,467.0	-406.0	-712.0	-289.5	2.00	-2.00	0.00
7,600.0	0.00	0.00	7,541.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
7,700.0	0.00	0.00	7,641.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
7,800.0	0.00	0.00	7,741.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
7,900.0	0.00	0.00	7,841.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,941.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,100.0	0.00	0.00	8,041.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,141.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,241.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,341.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,441.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,541.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,641.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,741.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,841.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,941.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
9,100.0	0.00	0.00	9,041.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,141.3	-406.0	-712.0	-289.5	0.00	0.00	0.00
9,229.7	0.00	0.00	9,171.0	-406.0	-712.0	-289.5	0.00	0.00	0.00
KOP (Yarrow 32 State #204H)									
9,250.0	2.43	359.59	9,191.3	-405.6	-712.0	-289.1	12.00	12.00	0.00
9,275.0	5.43	359.59	9,216.2	-403.9	-712.0	-287.4	12.00	12.00	0.00
9,300.0	8.43	359.59	9,241.0	-400.8	-712.0	-284.4	12.00	12.00	0.00
9,325.0	11.43	359.59	9,265.6	-396.5	-712.1	-280.1	12.00	12.00	0.00
9,350.0	14.43	359.59	9,290.0	-390.9	-712.1	-274.6	12.00	12.00	0.00
9,375.0	17.43	359.59	9,314.0	-384.1	-712.2	-267.8	12.00	12.00	0.00
9,400.0	20.43	359.59	9,337.7	-376.0	-712.2	-259.8	12.00	12.00	0.00
9,425.0	23.43	359.59	9,360.9	-366.6	-712.3	-250.6	12.00	12.00	0.00
9,450.0	26.43	359.59	9,383.5	-356.1	-712.4	-240.1	12.00	12.00	0.00
9,475.0	29.43	359.59	9,405.6	-344.4	-712.4	-228.6	12.00	12.00	0.00

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Site:	Yarrow 32 State	North Reference:	Grid
Well:	#204H	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)
9,500.0	32.43	359.59	9,427.1	-331.5	-712.5	-215.9	12.00	12.00	0.00
9,525.0	35.43	359.59	9,447.8	-317.6	-712.6	-202.1	12.00	12.00	0.00
9,550.0	38.43	359.59	9,467.8	-302.6	-712.7	-187.2	12.00	12.00	0.00
9,575.0	41.43	359.59	9,487.0	-286.5	-712.9	-171.3	12.00	12.00	0.00
9,600.0	44.43	359.59	9,505.3	-269.5	-713.0	-154.5	12.00	12.00	0.00
9,625.0	47.43	359.59	9,522.6	-251.5	-713.1	-136.7	12.00	12.00	0.00
9,628.9	47.90	359.59	9,525.3	-248.6	-713.1	-133.9	12.00	12.00	0.00
FTP (Yarrow 32 State #204H)									
9,650.0	50.43	359.59	9,539.1	-232.7	-713.3	-118.1	12.00	12.00	0.00
9,675.0	53.43	359.59	9,554.5	-213.0	-713.4	-98.7	12.00	12.00	0.00
9,700.0	56.43	359.59	9,568.8	-192.5	-713.5	-78.4	12.00	12.00	0.00
9,725.0	59.43	359.59	9,582.1	-171.4	-713.7	-57.5	12.00	12.00	0.00
9,750.0	62.43	359.59	9,594.3	-149.5	-713.8	-35.9	12.00	12.00	0.00
9,775.0	65.43	359.59	9,605.2	-127.1	-714.0	-13.7	12.00	12.00	0.00
9,800.0	68.43	359.59	9,615.0	-104.1	-714.2	9.1	12.00	12.00	0.00
9,825.0	71.43	359.59	9,623.6	-80.6	-714.3	32.3	12.00	12.00	0.00
9,850.0	74.43	359.59	9,630.9	-56.7	-714.5	55.9	12.00	12.00	0.00
9,875.0	77.43	359.59	9,637.0	-32.4	-714.7	79.9	12.00	12.00	0.00
9,900.0	80.43	359.59	9,641.8	-7.9	-714.9	104.1	12.00	12.00	0.00
9,925.0	83.43	359.59	9,645.3	16.8	-715.0	128.6	12.00	12.00	0.00
9,950.0	86.43	359.59	9,647.5	41.7	-715.2	153.2	12.00	12.00	0.00
9,975.0	89.43	359.59	9,648.4	66.7	-715.4	177.9	12.00	12.00	0.00
9,979.7	90.00	359.59	9,648.5	71.4	-715.4	182.6	12.00	12.00	0.00
10,000.0	90.00	359.59	9,648.5	91.7	-715.6	202.7	0.00	0.00	0.00
10,100.0	90.00	359.59	9,648.5	191.7	-716.3	301.5	0.00	0.00	0.00
10,200.0	90.00	359.59	9,648.5	291.7	-717.0	400.4	0.00	0.00	0.00
10,300.0	90.00	359.59	9,648.5	391.7	-717.8	499.3	0.00	0.00	0.00
10,400.0	90.00	359.59	9,648.5	491.7	-718.5	598.2	0.00	0.00	0.00
10,500.0	90.00	359.59	9,648.5	591.7	-719.2	697.0	0.00	0.00	0.00
10,600.0	90.00	359.59	9,648.5	691.7	-719.9	795.9	0.00	0.00	0.00
10,700.0	90.00	359.59	9,648.5	791.7	-720.6	894.8	0.00	0.00	0.00
10,800.0	90.00	359.59	9,648.5	891.7	-721.4	993.7	0.00	0.00	0.00
10,900.0	90.00	359.59	9,648.5	991.7	-722.1	1,092.5	0.00	0.00	0.00
11,000.0	90.00	359.59	9,648.5	1,091.7	-722.8	1,191.4	0.00	0.00	0.00
11,100.0	90.00	359.59	9,648.5	1,191.7	-723.5	1,290.3	0.00	0.00	0.00
11,200.0	90.00	359.59	9,648.5	1,291.7	-724.2	1,389.2	0.00	0.00	0.00
11,300.0	90.00	359.59	9,648.5	1,391.7	-725.0	1,488.0	0.00	0.00	0.00
11,400.0	90.00	359.59	9,648.5	1,491.7	-725.7	1,586.9	0.00	0.00	0.00
11,500.0	90.00	359.59	9,648.5	1,591.7	-726.4	1,685.8	0.00	0.00	0.00
11,600.0	90.00	359.59	9,648.5	1,691.7	-727.1	1,784.7	0.00	0.00	0.00
11,700.0	90.00	359.59	9,648.5	1,791.7	-727.9	1,883.6	0.00	0.00	0.00
11,800.0	90.00	359.59	9,648.5	1,891.7	-728.6	1,982.4	0.00	0.00	0.00
11,900.0	90.00	359.59	9,648.5	1,991.7	-729.3	2,081.3	0.00	0.00	0.00
12,000.0	90.00	359.59	9,648.5	2,091.7	-730.0	2,180.2	0.00	0.00	0.00
12,100.0	90.00	359.59	9,648.5	2,191.7	-730.7	2,279.1	0.00	0.00	0.00
12,200.0	90.00	359.59	9,648.5	2,291.7	-731.5	2,377.9	0.00	0.00	0.00
12,300.0	90.00	359.59	9,648.5	2,391.7	-732.2	2,476.8	0.00	0.00	0.00
12,400.0	90.00	359.59	9,648.5	2,491.7	-732.9	2,575.7	0.00	0.00	0.00
12,500.0	90.00	359.59	9,648.5	2,591.7	-733.6	2,674.6	0.00	0.00	0.00
12,600.0	90.00	359.59	9,648.5	2,691.7	-734.3	2,773.4	0.00	0.00	0.00
12,700.0	90.00	359.59	9,648.5	2,791.7	-735.1	2,872.3	0.00	0.00	0.00
12,800.0	90.00	359.59	9,648.5	2,891.7	-735.8	2,971.2	0.00	0.00	0.00
12,900.0	90.00	359.59	9,648.5	2,991.6	-736.5	3,070.1	0.00	0.00	0.00
13,000.0	90.00	359.59	9,648.5	3,091.6	-737.2	3,169.0	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #204H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3697.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3697.0usft
Site:	Yarrow 32 State	North Reference:	Grid
Well:	#204H	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	359.59	9,648.5	3,191.6	-737.9	3,267.8	0.00	0.00	0.00
13,200.0	90.00	359.59	9,648.5	3,291.6	-738.7	3,366.7	0.00	0.00	0.00
13,300.0	90.00	359.59	9,648.5	3,391.6	-739.4	3,465.6	0.00	0.00	0.00
13,400.0	90.00	359.59	9,648.5	3,491.6	-740.1	3,564.5	0.00	0.00	0.00
13,500.0	90.00	359.59	9,648.5	3,591.6	-740.8	3,663.3	0.00	0.00	0.00
13,600.0	90.00	359.59	9,648.5	3,691.6	-741.6	3,762.2	0.00	0.00	0.00
13,700.0	90.00	359.59	9,648.5	3,791.6	-742.3	3,861.1	0.00	0.00	0.00
13,800.0	90.00	359.59	9,648.5	3,891.6	-743.0	3,960.0	0.00	0.00	0.00
13,900.0	90.00	359.59	9,648.5	3,991.6	-743.7	4,058.8	0.00	0.00	0.00
14,000.0	90.00	359.59	9,648.5	4,091.6	-744.4	4,157.7	0.00	0.00	0.00
14,100.0	90.00	359.59	9,648.5	4,191.6	-745.2	4,256.6	0.00	0.00	0.00
14,200.0	90.00	359.59	9,648.5	4,291.6	-745.9	4,355.5	0.00	0.00	0.00
14,300.0	90.00	359.59	9,648.5	4,391.6	-746.6	4,454.3	0.00	0.00	0.00
14,400.0	90.00	359.59	9,648.5	4,491.6	-747.3	4,553.2	0.00	0.00	0.00
14,500.0	90.00	359.59	9,648.5	4,591.6	-748.0	4,652.1	0.00	0.00	0.00
14,600.0	90.00	359.59	9,648.5	4,691.6	-748.8	4,751.0	0.00	0.00	0.00
14,632.4	90.00	359.59	9,648.5	4,724.0	-749.0	4,783.0	0.00	0.00	0.00
PBHL (Yarrow 32 State #204H)									

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
KOP (Yarrow 32 State #: - plan hits target center - Point	0.00	0.00	9,171.0	-406.0	-712.0	456,954.00	770,070.00	32° 15' 14.670 N	103° 35' 36.310 W
PBHL (Yarrow 32 State # - plan hits target center - Point	0.00	0.00	9,648.5	4,724.0	-749.0	462,084.00	770,033.00	32° 16' 5.435 N	103° 35' 36.329 W
FTP (Yarrow 32 State #2 - plan misses target center by 163.4usft at 9628.9usft MD (9525.3 TVD, -248.6 N, -713.1 E) - Point	0.00	0.00	9,648.5	-356.0	-712.0	457,004.00	770,070.00	32° 15' 15.165 N	103° 35' 36.306 W