



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Hearns 34 State

#405H

OH

Plan: Plan #0.1

Standard Planning Report

11 February, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #405H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3510.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3510.0usft
Site:	Hearns 34 State	North Reference:	Grid
Well:	#405H	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		Hearns 34 State			
Site Position:		Northing:	425,605.00 usft	Latitude:	32° 10' 3.565 N
From:	Map	Easting:	782,931.00 usft	Longitude:	103° 33' 9.201 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.42 °

Well:	#405H					
Well Position	+N/-S	0.0 usft	Northing:	425,605.00 usft	Latitude:	32° 10' 3.565 N
	+E/-W	0.0 usft	Easting:	782,931.00 usft	Longitude:	103° 33' 9.201 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,485.0 usft

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/5/2019	6.76	59.99	47,737.82231816

Design	Plan #0.1
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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	347.32

Plan Survey Tool Program			Date	2/5/2019
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,300.0	Plan #0.1 (OH)	MWD
			OWSG MWD - Standard	

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #405H
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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3510.0usft
Site:	Hearns 34 State	North Reference:	Grid
Well:	#405H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,680.0	13.60	260.02	3,673.7	-13.9	-79.1	2.00	2.00	-14.70	260.02	
5,321.8	13.60	260.02	5,269.4	-80.8	-459.4	0.00	0.00	0.00	0.00	AC TGT(Hearns 34 S
5,443.5	14.33	250.38	5,387.5	-88.3	-487.6	2.00	0.60	-7.92	-77.43	
7,101.7	14.33	250.38	6,994.2	-226.1	-874.1	0.00	0.00	0.00	0.00	
7,818.0	0.00	0.00	7,703.0	-256.0	-958.0	2.00	-2.00	0.00	180.00	
10,151.5	0.00	0.00	10,036.5	-256.0	-958.0	0.00	0.00	0.00	0.00	
10,901.5	90.00	355.30	10,514.0	219.9	-997.1	12.00	12.00	0.00	355.30	
11,042.3	90.00	359.52	10,514.0	360.5	-1,003.5	3.00	0.00	3.00	90.01	
15,300.0	90.00	359.52	10,514.0	4,618.1	-1,038.9	0.00	0.00	0.00	0.00	AC PBHL(Hearns 34 :

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Site:	Hearns 34 State	North Reference:	Grid
Well:	#405H	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	0.00	0.00	1,600.0	0.0	0.0	0.0	0.00	0.00	0.00
1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.0	0.00	0.00	0.00
1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.0	0.00	0.00	0.00
1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.0	0.00	0.00	0.00
2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.0	0.00	0.00	0.00
2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.0	0.00	0.00	0.00
2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.0	0.00	0.00	0.00
2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.0	0.00	0.00	0.00
2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.0	0.00	0.00	0.00
2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.0	0.00	0.00	0.00
2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.0	0.00	0.00	0.00
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.0	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.0	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.0	0.00	0.00	0.00
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.0	0.00	0.00	0.00
3,100.0	2.00	260.02	3,100.0	-0.3	-1.7	0.1	2.00	2.00	0.00
3,200.0	4.00	260.02	3,199.8	-1.2	-6.9	0.3	2.00	2.00	0.00
3,300.0	6.00	260.02	3,299.5	-2.7	-15.5	0.7	2.00	2.00	0.00
3,400.0	8.00	260.02	3,398.7	-4.8	-27.5	1.3	2.00	2.00	0.00
3,500.0	10.00	260.02	3,497.5	-7.5	-42.9	2.1	2.00	2.00	0.00
3,600.0	12.00	260.02	3,595.6	-10.8	-61.7	3.0	2.00	2.00	0.00
3,680.0	13.60	260.02	3,673.7	-13.9	-79.1	3.8	2.00	2.00	0.00
3,700.0	13.60	260.02	3,693.1	-14.7	-83.7	4.0	0.00	0.00	0.00
3,800.0	13.60	260.02	3,790.3	-18.8	-106.9	5.1	0.00	0.00	0.00
3,900.0	13.60	260.02	3,887.5	-22.9	-130.1	6.2	0.00	0.00	0.00
4,000.0	13.60	260.02	3,984.7	-27.0	-153.2	7.3	0.00	0.00	0.00
4,100.0	13.60	260.02	4,081.9	-31.0	-176.4	8.4	0.00	0.00	0.00
4,200.0	13.60	260.02	4,179.1	-35.1	-199.5	9.6	0.00	0.00	0.00
4,300.0	13.60	260.02	4,276.2	-39.2	-222.7	10.7	0.00	0.00	0.00
4,400.0	13.60	260.02	4,373.4	-43.2	-245.9	11.8	0.00	0.00	0.00
4,500.0	13.60	260.02	4,470.6	-47.3	-269.0	12.9	0.00	0.00	0.00
4,600.0	13.60	260.02	4,567.8	-51.4	-292.2	14.0	0.00	0.00	0.00
4,700.0	13.60	260.02	4,665.0	-55.5	-315.3	15.1	0.00	0.00	0.00
4,800.0	13.60	260.02	4,762.2	-59.5	-338.5	16.2	0.00	0.00	0.00
4,900.0	13.60	260.02	4,859.4	-63.6	-361.7	17.3	0.00	0.00	0.00
5,000.0	13.60	260.02	4,956.6	-67.7	-384.8	18.4	0.00	0.00	0.00
5,100.0	13.60	260.02	5,053.8	-71.8	-408.0	19.5	0.00	0.00	0.00
5,200.0	13.60	260.02	5,151.0	-75.8	-431.1	20.6	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	13.60	260.02	5,248.2	-79.9	-454.3	21.7	0.00	0.00	0.00
5,321.8	13.60	260.02	5,269.4	-80.8	-459.4	22.0	0.00	0.00	0.00
AC TGT(Hearns 34 State #405H)									
5,400.0	14.02	253.72	5,345.3	-85.0	-477.5	21.8	2.00	0.54	-8.07
5,443.5	14.33	250.38	5,387.5	-88.3	-487.6	20.8	2.00	0.69	-7.66
5,500.0	14.33	250.38	5,442.3	-93.0	-500.8	19.2	0.00	0.00	0.00
5,600.0	14.33	250.38	5,539.1	-101.3	-524.1	16.2	0.00	0.00	0.00
5,700.0	14.33	250.38	5,636.0	-109.6	-547.4	13.2	0.00	0.00	0.00
5,800.0	14.33	250.38	5,732.9	-117.9	-570.7	10.2	0.00	0.00	0.00
5,900.0	14.33	250.38	5,829.8	-126.3	-594.0	7.2	0.00	0.00	0.00
6,000.0	14.33	250.38	5,926.7	-134.6	-617.3	4.2	0.00	0.00	0.00
6,100.0	14.33	250.38	6,023.6	-142.9	-640.6	1.2	0.00	0.00	0.00
6,200.0	14.33	250.38	6,120.5	-151.2	-663.9	-1.8	0.00	0.00	0.00
6,300.0	14.33	250.38	6,217.4	-159.5	-687.2	-4.8	0.00	0.00	0.00
6,400.0	14.33	250.38	6,314.3	-167.8	-710.6	-7.8	0.00	0.00	0.00
6,500.0	14.33	250.38	6,411.2	-176.1	-733.9	-10.7	0.00	0.00	0.00
6,600.0	14.33	250.38	6,508.1	-184.4	-757.2	-13.7	0.00	0.00	0.00
6,700.0	14.33	250.38	6,604.9	-192.7	-780.5	-16.7	0.00	0.00	0.00
6,800.0	14.33	250.38	6,701.8	-201.0	-803.8	-19.7	0.00	0.00	0.00
6,900.0	14.33	250.38	6,798.7	-209.3	-827.1	-22.7	0.00	0.00	0.00
7,000.0	14.33	250.38	6,895.6	-217.6	-850.4	-25.7	0.00	0.00	0.00
7,101.7	14.33	250.38	6,994.2	-226.1	-874.1	-28.7	0.00	0.00	0.00
7,200.0	12.36	250.38	7,089.8	-233.7	-895.5	-31.5	2.00	-2.00	0.00
7,300.0	10.36	250.38	7,187.8	-240.3	-914.0	-33.9	2.00	-2.00	0.00
7,400.0	8.36	250.38	7,286.5	-245.8	-929.3	-35.8	2.00	-2.00	0.00
7,500.0	6.36	250.38	7,385.7	-250.1	-941.4	-37.4	2.00	-2.00	0.00
7,600.0	4.36	250.38	7,485.2	-253.2	-950.2	-38.5	2.00	-2.00	0.00
7,700.0	2.36	250.38	7,585.0	-255.2	-955.7	-39.2	2.00	-2.00	0.00
7,800.0	0.36	250.38	7,685.0	-256.0	-957.9	-39.5	2.00	-2.00	0.00
7,818.0	0.00	0.00	7,703.0	-256.0	-958.0	-39.5	2.00	-2.00	0.00
7,900.0	0.00	0.00	7,785.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,000.0	0.00	0.00	7,885.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,100.0	0.00	0.00	7,985.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,200.0	0.00	0.00	8,085.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,300.0	0.00	0.00	8,185.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,400.0	0.00	0.00	8,285.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,500.0	0.00	0.00	8,385.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,600.0	0.00	0.00	8,485.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,700.0	0.00	0.00	8,585.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,800.0	0.00	0.00	8,685.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
8,900.0	0.00	0.00	8,785.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,000.0	0.00	0.00	8,885.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,100.0	0.00	0.00	8,985.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,200.0	0.00	0.00	9,085.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,300.0	0.00	0.00	9,185.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,400.0	0.00	0.00	9,285.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,500.0	0.00	0.00	9,385.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,600.0	0.00	0.00	9,485.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,700.0	0.00	0.00	9,585.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,800.0	0.00	0.00	9,685.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
9,900.0	0.00	0.00	9,785.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
10,000.0	0.00	0.00	9,885.0	-256.0	-958.0	-39.5	0.00	0.00	0.00
10,100.0	0.00	0.00	9,985.0	-256.0	-958.0	-39.5	0.00	0.00	0.00

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Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3510.0usft
Site:	Hearns 34 State	North Reference:	Grid
Well:	#405H	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)
10,151.5	0.00	0.00	10,036.5	-256.0	-958.0	-39.5	0.00	0.00	0.00
KOP(Hearns 34 State #405H)									
10,175.0	2.82	355.30	10,060.0	-255.4	-958.0	-38.9	12.00	12.00	0.00
10,200.0	5.82	355.30	10,084.9	-253.5	-958.2	-37.1	12.00	12.00	0.00
10,225.0	8.82	355.30	10,109.7	-250.4	-958.5	-33.9	12.00	12.00	0.00
10,250.0	11.82	355.30	10,134.3	-245.9	-958.8	-29.5	12.00	12.00	0.00
10,275.0	14.82	355.30	10,158.6	-240.2	-959.3	-23.8	12.00	12.00	0.00
10,300.0	17.82	355.30	10,182.6	-233.2	-959.9	-16.8	12.00	12.00	0.00
10,325.0	20.82	355.30	10,206.2	-224.9	-960.6	-8.6	12.00	12.00	0.00
10,350.0	23.82	355.30	10,229.3	-215.5	-961.3	0.8	12.00	12.00	0.00
10,375.0	26.82	355.30	10,251.9	-204.8	-962.2	11.4	12.00	12.00	0.00
10,400.0	29.82	355.30	10,273.9	-193.0	-963.2	23.1	12.00	12.00	0.00
10,425.0	32.82	355.30	10,295.3	-180.0	-964.2	36.0	12.00	12.00	0.00
10,450.0	35.82	355.30	10,315.9	-166.0	-965.4	49.9	12.00	12.00	0.00
10,475.0	38.82	355.30	10,335.8	-150.9	-966.6	64.9	12.00	12.00	0.00
10,500.0	41.82	355.30	10,354.9	-134.8	-968.0	81.0	12.00	12.00	0.00
10,525.0	44.82	355.30	10,373.1	-117.7	-969.4	98.0	12.00	12.00	0.00
10,550.0	47.82	355.30	10,390.3	-99.7	-970.9	115.9	12.00	12.00	0.00
10,551.9	48.05	355.30	10,391.6	-98.2	-971.0	117.3	12.00	12.00	0.00
FTP(Hearns 34 State #405H)									
10,575.0	50.82	355.30	10,406.6	-80.8	-972.4	134.6	12.00	12.00	0.00
10,600.0	53.82	355.30	10,421.9	-61.0	-974.0	154.2	12.00	12.00	0.00
10,625.0	56.82	355.30	10,436.1	-40.6	-975.7	174.6	12.00	12.00	0.00
10,650.0	59.82	355.30	10,449.3	-19.4	-977.5	195.6	12.00	12.00	0.00
10,675.0	62.82	355.30	10,461.2	2.5	-979.3	217.4	12.00	12.00	0.00
10,700.0	65.82	355.30	10,472.1	25.0	-981.1	239.7	12.00	12.00	0.00
10,725.0	68.82	355.30	10,481.7	47.9	-983.0	262.5	12.00	12.00	0.00
10,750.0	71.82	355.30	10,490.1	71.4	-984.9	285.8	12.00	12.00	0.00
10,775.0	74.82	355.30	10,497.3	95.3	-986.9	309.5	12.00	12.00	0.00
10,800.0	77.82	355.30	10,503.2	119.5	-988.9	333.6	12.00	12.00	0.00
10,825.0	80.82	355.30	10,507.9	144.0	-990.9	357.9	12.00	12.00	0.00
10,850.0	83.82	355.30	10,511.2	168.6	-992.9	382.5	12.00	12.00	0.00
10,875.0	86.82	355.30	10,513.2	193.5	-995.0	407.1	12.00	12.00	0.00
10,901.5	90.00	355.30	10,514.0	219.9	-997.1	433.3	12.00	12.00	0.00
11,000.0	90.00	358.26	10,514.0	318.2	-1,002.7	530.5	3.00	0.00	3.00
11,042.3	90.00	359.52	10,514.0	360.5	-1,003.5	571.9	3.00	0.00	3.00
11,100.0	90.00	359.52	10,514.0	418.2	-1,004.0	628.3	0.00	0.00	0.00
11,200.0	90.00	359.52	10,514.0	518.2	-1,004.8	726.1	0.00	0.00	0.00
11,300.0	90.00	359.52	10,514.0	618.2	-1,005.6	823.8	0.00	0.00	0.00
11,400.0	90.00	359.52	10,514.0	718.2	-1,006.5	921.6	0.00	0.00	0.00
11,500.0	90.00	359.52	10,514.0	818.2	-1,007.3	1,019.3	0.00	0.00	0.00
11,600.0	90.00	359.52	10,514.0	918.2	-1,008.1	1,117.0	0.00	0.00	0.00
11,700.0	90.00	359.52	10,514.0	1,018.2	-1,008.9	1,214.8	0.00	0.00	0.00
11,800.0	90.00	359.52	10,514.0	1,118.2	-1,009.8	1,312.5	0.00	0.00	0.00
11,900.0	90.00	359.52	10,514.0	1,218.2	-1,010.6	1,410.3	0.00	0.00	0.00
12,000.0	90.00	359.52	10,514.0	1,318.2	-1,011.4	1,508.0	0.00	0.00	0.00
12,100.0	90.00	359.52	10,514.0	1,418.2	-1,012.3	1,605.8	0.00	0.00	0.00
12,200.0	90.00	359.52	10,514.0	1,518.2	-1,013.1	1,703.5	0.00	0.00	0.00
12,300.0	90.00	359.52	10,514.0	1,618.2	-1,013.9	1,801.2	0.00	0.00	0.00
12,400.0	90.00	359.52	10,514.0	1,718.2	-1,014.8	1,899.0	0.00	0.00	0.00
12,500.0	90.00	359.52	10,514.0	1,818.1	-1,015.6	1,996.7	0.00	0.00	0.00
12,600.0	90.00	359.52	10,514.0	1,918.1	-1,016.4	2,094.5	0.00	0.00	0.00
12,700.0	90.00	359.52	10,514.0	2,018.1	-1,017.3	2,192.2	0.00	0.00	0.00
12,800.0	90.00	359.52	10,514.0	2,118.1	-1,018.1	2,289.9	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #405H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3510.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3510.0usft
Site:	Hearns 34 State	North Reference:	Grid
Well:	#405H	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)
12,900.0	90.00	359.52	10,514.0	2,218.1	-1,018.9	2,387.7	0.00	0.00	0.00
13,000.0	90.00	359.52	10,514.0	2,318.1	-1,019.8	2,485.4	0.00	0.00	0.00
13,100.0	90.00	359.52	10,514.0	2,418.1	-1,020.6	2,583.2	0.00	0.00	0.00
13,200.0	90.00	359.52	10,514.0	2,518.1	-1,021.4	2,680.9	0.00	0.00	0.00
13,300.0	90.00	359.52	10,514.0	2,618.1	-1,022.2	2,778.6	0.00	0.00	0.00
13,400.0	90.00	359.52	10,514.0	2,718.1	-1,023.1	2,876.4	0.00	0.00	0.00
13,500.0	90.00	359.52	10,514.0	2,818.1	-1,023.9	2,974.1	0.00	0.00	0.00
13,600.0	90.00	359.52	10,514.0	2,918.1	-1,024.7	3,071.9	0.00	0.00	0.00
13,700.0	90.00	359.52	10,514.0	3,018.1	-1,025.6	3,169.6	0.00	0.00	0.00
13,800.0	90.00	359.52	10,514.0	3,118.1	-1,026.4	3,267.3	0.00	0.00	0.00
13,900.0	90.00	359.52	10,514.0	3,218.1	-1,027.2	3,365.1	0.00	0.00	0.00
14,000.0	90.00	359.52	10,514.0	3,318.1	-1,028.1	3,462.8	0.00	0.00	0.00
14,100.0	90.00	359.52	10,514.0	3,418.1	-1,028.9	3,560.6	0.00	0.00	0.00
14,200.0	90.00	359.52	10,514.0	3,518.1	-1,029.7	3,658.3	0.00	0.00	0.00
14,300.0	90.00	359.52	10,514.0	3,618.1	-1,030.6	3,756.1	0.00	0.00	0.00
14,400.0	90.00	359.52	10,514.0	3,718.1	-1,031.4	3,853.8	0.00	0.00	0.00
14,500.0	90.00	359.52	10,514.0	3,818.1	-1,032.2	3,951.5	0.00	0.00	0.00
14,600.0	90.00	359.52	10,514.0	3,918.1	-1,033.1	4,049.3	0.00	0.00	0.00
14,700.0	90.00	359.52	10,514.0	4,018.1	-1,033.9	4,147.0	0.00	0.00	0.00
14,800.0	90.00	359.52	10,514.0	4,118.1	-1,034.7	4,244.8	0.00	0.00	0.00
14,900.0	90.00	359.52	10,514.0	4,218.1	-1,035.5	4,342.5	0.00	0.00	0.00
15,000.0	90.00	359.52	10,514.0	4,318.1	-1,036.4	4,440.2	0.00	0.00	0.00
15,100.0	90.00	359.52	10,514.0	4,418.1	-1,037.2	4,538.0	0.00	0.00	0.00
15,200.0	90.00	359.52	10,514.0	4,518.1	-1,038.0	4,635.7	0.00	0.00	0.00
15,300.0	90.00	359.52	10,514.0	4,618.1	-1,038.9	4,733.5	0.00	0.00	0.00

AC PBHL(Hearns 34 State #405H) - PBHL(Hearns 34 State #405H)

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
AC TGT(Hearns 34 State #405H) - plan hits target center - Point	0.00	0.00	5,269.4	-80.8	-459.4	425,524.20	782,471.63	32° 10' 2.798 N	103° 33' 14.552 W
KOP(Hearns 34 State #405H) - plan hits target center - Point	0.00	0.00	10,036.5	-256.0	-958.0	425,349.00	781,973.00	32° 10' 1.100 N	103° 33' 20.368 W
AC PBHL(Hearns 34 State #405H) - plan hits target center - Point	0.00	0.00	10,514.0	4,618.1	-1,038.9	430,223.05	781,892.13	32° 10' 49.336 N	103° 33' 20.899 W
FTP(Hearns 34 State #405H) - plan misses target center by 165.3usft at 10551.9usft MD (10391.6 TVD, -98.2 N, -971.0 E) - Point	0.00	0.00	10,514.0	-206.0	-998.0	425,399.00	781,933.00	32° 10' 1.598 N	103° 33' 20.829 W
PBHL(Hearns 34 State #405H) - plan misses target center by 256.0usft at 15300.0usft MD (10514.0 TVD, 4618.1 N, -1038.9 E) - Point	0.00	0.01	10,514.0	4,874.0	-1,041.0	430,479.00	781,890.00	32° 10' 51.869 N	103° 33' 20.902 W