



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Getty 5 Fed Com

#505H

OH

Plan: Plan #0.3

Standard Planning Report

07 August, 2019

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Getty 5 Fed Com
 Well: #505H
 Wellbore: OH
 Design: Plan #0.3

Local Co-ordinate Reference: Well #505H
 TVD Reference: KB = 25 @ 3469.0usft
 MD Reference: KB = 25 @ 3469.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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	Getty 5 Fed Com		
Site Position:	Map	Northing: 420,163.00 usft	Latitude: 32° 9' 10.475 N
From:		Easting: 772,092.00 usft	Longitude: 103° 35' 15.736 W
Position Uncertainty:	0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.40 °

Well	#505H		
Well Position	+N/-S 43.0 usft	Northing: 420,206.00 usft	Latitude: 32° 9' 10.986 N
	+E/-W -1,243.0 usft	Easting: 770,849.00 usft	Longitude: 103° 35' 30.191 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 3,444.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/13/2018	6.80	59.97	47,740.58783592

Design	Plan #0.3		
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	0.0 356.05

Plan Survey Tool Program			Date	8/7/2019	
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	18,311.3	Plan #0.3 (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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,803.5	12.07	246.33	1,799.0	-25.4	-58.0	2.00	2.00	0.00	246.33	
3,615.5	12.07	246.33	3,571.0	-177.6	-405.0	0.00	0.00	0.00	0.00	
4,219.0	0.00	0.61	4,170.0	-203.0	-463.0	2.00	-2.00	0.00	180.00	
10,216.0	0.00	0.61	10,167.0	-203.0	-463.0	0.00	0.00	0.00	0.00	KOP(Getty 5 FC #50E
11,114.0	89.80	359.56	10,740.0	367.9	-467.3	10.00	10.00	-0.12	359.56	
18,311.3	89.80	359.56	10,765.0	7,565.0	-522.0	0.00	0.00	0.00	0.00	PBHL(Getty 5 FC #50



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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)
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	2.00	246.33	1,300.0	-0.7	-1.6	-0.6	2.00	2.00	0.00
1,400.0	4.00	246.33	1,399.8	-2.8	-6.4	-2.4	2.00	2.00	0.00
1,500.0	6.00	246.33	1,499.5	-6.3	-14.4	-5.3	2.00	2.00	0.00
1,600.0	8.00	246.33	1,598.7	-11.2	-25.5	-9.4	2.00	2.00	0.00
1,700.0	10.00	246.33	1,697.5	-17.5	-39.9	-14.7	2.00	2.00	0.00
1,803.5	12.07	246.33	1,799.0	-25.4	-58.0	-21.4	2.00	2.00	0.00
1,900.0	12.07	246.33	1,893.4	-33.5	-76.5	-28.2	0.00	0.00	0.00
2,000.0	12.07	246.33	1,991.2	-41.9	-95.6	-35.2	0.00	0.00	0.00
2,100.0	12.07	246.33	2,089.0	-50.3	-114.8	-42.3	0.00	0.00	0.00
2,200.0	12.07	246.33	2,186.8	-58.7	-133.9	-49.4	0.00	0.00	0.00
2,300.0	12.07	246.33	2,284.6	-67.1	-153.1	-56.4	0.00	0.00	0.00
2,400.0	12.07	246.33	2,382.4	-75.5	-172.2	-63.5	0.00	0.00	0.00
2,500.0	12.07	246.33	2,480.1	-83.9	-191.4	-70.5	0.00	0.00	0.00
2,600.0	12.07	246.33	2,577.9	-92.3	-210.5	-77.6	0.00	0.00	0.00
2,700.0	12.07	246.33	2,675.7	-100.7	-229.7	-84.7	0.00	0.00	0.00
2,800.0	12.07	246.33	2,773.5	-109.1	-248.8	-91.7	0.00	0.00	0.00
2,900.0	12.07	246.33	2,871.3	-117.5	-268.0	-98.8	0.00	0.00	0.00
3,000.0	12.07	246.33	2,969.1	-125.9	-287.1	-105.8	0.00	0.00	0.00
3,100.0	12.07	246.33	3,066.9	-134.3	-306.3	-112.9	0.00	0.00	0.00
3,200.0	12.07	246.33	3,164.7	-142.7	-325.4	-119.9	0.00	0.00	0.00
3,300.0	12.07	246.33	3,262.5	-151.1	-344.6	-127.0	0.00	0.00	0.00
3,400.0	12.07	246.33	3,360.3	-159.5	-363.7	-134.1	0.00	0.00	0.00
3,500.0	12.07	246.33	3,458.0	-167.9	-382.9	-141.1	0.00	0.00	0.00
3,600.0	12.07	246.33	3,555.8	-176.3	-402.0	-148.2	0.00	0.00	0.00
3,615.5	12.07	246.33	3,571.0	-177.6	-405.0	-149.3	0.00	0.00	0.00
3,700.0	10.38	246.33	3,653.9	-184.2	-420.1	-154.8	2.00	-2.00	0.00
3,800.0	8.38	246.33	3,752.5	-190.7	-435.0	-160.3	2.00	-2.00	0.00
3,900.0	6.38	246.33	3,851.7	-195.9	-446.8	-164.7	2.00	-2.00	0.00
4,000.0	4.38	246.33	3,951.3	-199.6	-455.3	-167.8	2.00	-2.00	0.00
4,100.0	2.38	246.33	4,051.1	-202.0	-460.7	-169.8	2.00	-2.00	0.00
4,200.0	0.38	246.33	4,151.0	-203.0	-462.9	-170.6	2.00	-2.00	0.00
4,219.0	0.00	0.61	4,170.0	-203.0	-463.0	-170.6	2.00	-2.00	0.00
4,300.0	0.00	0.00	4,251.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
4,400.0	0.00	0.00	4,351.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
4,500.0	0.00	0.00	4,451.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
4,600.0	0.00	0.00	4,551.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
4,700.0	0.00	0.00	4,651.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
4,800.0	0.00	0.00	4,751.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
4,900.0	0.00	0.00	4,851.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,000.0	0.00	0.00	4,951.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,100.0	0.00	0.00	5,051.0	-203.0	-463.0	-170.6	0.00	0.00	0.00

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5,200.0	0.00	0.00	5,151.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,300.0	0.00	0.00	5,251.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,400.0	0.00	0.00	5,351.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,500.0	0.00	0.00	5,451.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,600.0	0.00	0.00	5,551.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,700.0	0.00	0.00	5,651.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,800.0	0.00	0.00	5,751.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
5,900.0	0.00	0.00	5,851.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,000.0	0.00	0.00	5,951.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,100.0	0.00	0.00	6,051.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,200.0	0.00	0.00	6,151.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,300.0	0.00	0.00	6,251.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,400.0	0.00	0.00	6,351.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,500.0	0.00	0.00	6,451.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,600.0	0.00	0.00	6,551.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,700.0	0.00	0.00	6,651.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,800.0	0.00	0.00	6,751.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
6,900.0	0.00	0.00	6,851.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,000.0	0.00	0.00	6,951.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,100.0	0.00	0.00	7,051.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,200.0	0.00	0.00	7,151.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,300.0	0.00	0.00	7,251.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,400.0	0.00	0.00	7,351.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,500.0	0.00	0.00	7,451.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,600.0	0.00	0.00	7,551.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,700.0	0.00	0.00	7,651.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,800.0	0.00	0.00	7,751.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,851.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,951.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,051.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,151.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,251.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,351.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,451.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,551.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,651.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,800.0	0.00	0.00	8,751.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
8,900.0	0.00	0.00	8,851.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,000.0	0.00	0.00	8,951.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,100.0	0.00	0.00	9,051.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,200.0	0.00	0.00	9,151.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,300.0	0.00	0.00	9,251.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,400.0	0.00	0.00	9,351.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,500.0	0.00	0.00	9,451.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,600.0	0.00	0.00	9,551.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,700.0	0.00	0.00	9,651.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,800.0	0.00	0.00	9,751.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
9,900.0	0.00	0.00	9,851.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
10,000.0	0.00	0.00	9,951.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
10,100.0	0.00	0.00	10,051.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
10,200.0	0.00	0.00	10,151.0	-203.0	-463.0	-170.6	0.00	0.00	0.00
10,216.0	0.00	0.61	10,167.0	-203.0	-463.0	-170.6	0.00	0.00	0.00

KOP(Getty 5 FC #505H)

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10,250.0	3.40	359.56	10,201.0	-202.0	-463.0	-169.6	10.00	10.00	0.00
10,300.0	8.40	359.56	10,250.7	-196.8	-463.0	-164.5	10.00	10.00	0.00
10,350.0	13.40	359.56	10,299.8	-187.4	-463.1	-155.1	10.00	10.00	0.00
10,400.0	18.40	359.56	10,347.9	-173.7	-463.2	-141.4	10.00	10.00	0.00
10,450.0	23.40	359.56	10,394.6	-155.9	-463.4	-123.6	10.00	10.00	0.00
10,500.0	28.40	359.56	10,439.5	-134.0	-463.5	-101.8	10.00	10.00	0.00
10,550.0	33.40	359.56	10,482.4	-108.4	-463.7	-76.2	10.00	10.00	0.00
10,600.0	38.40	359.56	10,522.9	-79.0	-463.9	-46.9	10.00	10.00	0.00
10,650.0	43.40	359.56	10,560.7	-46.3	-464.2	-14.3	10.00	10.00	0.00
10,698.2	48.22	359.56	10,594.3	-11.8	-464.5	20.2	10.00	10.00	0.00
FTP(Getty 5 FC #505H)									
10,700.0	48.40	359.56	10,595.5	-10.4	-464.5	21.6	10.00	10.00	0.00
10,750.0	53.40	359.56	10,627.0	28.4	-464.8	60.3	10.00	10.00	0.00
10,800.0	58.40	359.56	10,655.0	69.8	-465.1	101.6	10.00	10.00	0.00
10,850.0	63.40	359.56	10,679.3	113.4	-465.4	145.2	10.00	10.00	0.00
10,900.0	68.40	359.56	10,699.7	159.1	-465.7	190.7	10.00	10.00	0.00
10,950.0	73.40	359.56	10,716.1	206.3	-466.1	237.9	10.00	10.00	0.00
11,000.0	78.40	359.56	10,728.3	254.8	-466.5	286.3	10.00	10.00	0.00
11,050.0	83.40	359.56	10,736.2	304.1	-466.9	335.5	10.00	10.00	0.00
11,100.0	88.40	359.56	10,739.7	354.0	-467.2	385.3	10.00	10.00	0.00
11,114.0	89.80	359.56	10,740.0	367.9	-467.3	399.2	10.00	10.00	0.00
11,200.0	89.80	359.56	10,740.3	454.0	-468.0	485.1	0.00	0.00	0.00
11,300.0	89.80	359.56	10,740.6	554.0	-468.7	584.9	0.00	0.00	0.00
11,400.0	89.80	359.56	10,740.9	654.0	-469.5	684.7	0.00	0.00	0.00
11,500.0	89.80	359.56	10,741.3	754.0	-470.3	784.5	0.00	0.00	0.00
11,600.0	89.80	359.56	10,741.6	854.0	-471.0	884.4	0.00	0.00	0.00
11,700.0	89.80	359.56	10,742.0	954.0	-471.8	984.2	0.00	0.00	0.00
11,800.0	89.80	359.56	10,742.3	1,054.0	-472.5	1,084.0	0.00	0.00	0.00
11,900.0	89.80	359.56	10,742.7	1,154.0	-473.3	1,183.8	0.00	0.00	0.00
12,000.0	89.80	359.56	10,743.0	1,253.9	-474.1	1,283.6	0.00	0.00	0.00
12,100.0	89.80	359.56	10,743.4	1,353.9	-474.8	1,383.4	0.00	0.00	0.00
12,200.0	89.80	359.56	10,743.7	1,453.9	-475.6	1,483.2	0.00	0.00	0.00
12,300.0	89.80	359.56	10,744.1	1,553.9	-476.3	1,583.0	0.00	0.00	0.00
12,400.0	89.80	359.56	10,744.4	1,653.9	-477.1	1,682.9	0.00	0.00	0.00
12,500.0	89.80	359.56	10,744.8	1,753.9	-477.9	1,782.7	0.00	0.00	0.00
12,600.0	89.80	359.56	10,745.1	1,853.9	-478.6	1,882.5	0.00	0.00	0.00
12,700.0	89.80	359.56	10,745.5	1,953.9	-479.4	1,982.3	0.00	0.00	0.00
12,800.0	89.80	359.56	10,745.8	2,053.9	-480.1	2,082.1	0.00	0.00	0.00
12,900.0	89.80	359.56	10,746.2	2,153.9	-480.9	2,181.9	0.00	0.00	0.00
13,000.0	89.80	359.56	10,746.5	2,253.9	-481.7	2,281.7	0.00	0.00	0.00
13,100.0	89.80	359.56	10,746.9	2,353.9	-482.4	2,381.5	0.00	0.00	0.00
13,200.0	89.80	359.56	10,747.2	2,453.9	-483.2	2,481.3	0.00	0.00	0.00
13,300.0	89.80	359.56	10,747.6	2,553.9	-483.9	2,581.2	0.00	0.00	0.00
13,400.0	89.80	359.56	10,747.9	2,653.9	-484.7	2,681.0	0.00	0.00	0.00
13,500.0	89.80	359.56	10,748.3	2,753.9	-485.5	2,780.8	0.00	0.00	0.00
13,600.0	89.80	359.56	10,748.6	2,853.9	-486.2	2,880.6	0.00	0.00	0.00
13,700.0	89.80	359.56	10,749.0	2,953.9	-487.0	2,980.4	0.00	0.00	0.00
13,800.0	89.80	359.56	10,749.3	3,053.9	-487.7	3,080.2	0.00	0.00	0.00
13,900.0	89.80	359.56	10,749.6	3,153.9	-488.5	3,180.0	0.00	0.00	0.00
14,000.0	89.80	359.56	10,750.0	3,253.9	-489.3	3,279.8	0.00	0.00	0.00
14,100.0	89.80	359.56	10,750.3	3,353.9	-490.0	3,379.7	0.00	0.00	0.00
14,200.0	89.80	359.56	10,750.7	3,453.9	-490.8	3,479.5	0.00	0.00	0.00
14,300.0	89.80	359.56	10,751.0	3,553.9	-491.5	3,579.3	0.00	0.00	0.00
14,400.0	89.80	359.56	10,751.4	3,653.9	-492.3	3,679.1	0.00	0.00	0.00

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Getty 5 Fed Com
 Well: #505H
 Wellbore: OH
 Design: Plan #0.3

Local Co-ordinate Reference: Well #505H
 TVD Reference: KB = 25 @ 3469.0usft
 MD Reference: KB = 25 @ 3469.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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)
14,500.0	89.80	359.56	10,751.7	3,753.9	-493.1	3,778.9	0.00	0.00	0.00
14,600.0	89.80	359.56	10,752.1	3,853.9	-493.8	3,878.7	0.00	0.00	0.00
14,700.0	89.80	359.56	10,752.4	3,953.9	-494.6	3,978.5	0.00	0.00	0.00
14,800.0	89.80	359.56	10,752.8	4,053.8	-495.3	4,078.3	0.00	0.00	0.00
14,900.0	89.80	359.56	10,753.1	4,153.8	-496.1	4,178.1	0.00	0.00	0.00
15,000.0	89.80	359.56	10,753.5	4,253.8	-496.9	4,278.0	0.00	0.00	0.00
15,100.0	89.80	359.56	10,753.8	4,353.8	-497.6	4,377.8	0.00	0.00	0.00
15,200.0	89.80	359.56	10,754.2	4,453.8	-498.4	4,477.6	0.00	0.00	0.00
15,300.0	89.80	359.56	10,754.5	4,553.8	-499.1	4,577.4	0.00	0.00	0.00
15,400.0	89.80	359.56	10,754.9	4,653.8	-499.9	4,677.2	0.00	0.00	0.00
15,500.0	89.80	359.56	10,755.2	4,753.8	-500.6	4,777.0	0.00	0.00	0.00
15,600.0	89.80	359.56	10,755.6	4,853.8	-501.4	4,876.8	0.00	0.00	0.00
15,700.0	89.80	359.56	10,755.9	4,953.8	-502.2	4,976.6	0.00	0.00	0.00
15,800.0	89.80	359.56	10,756.3	5,053.8	-502.9	5,076.4	0.00	0.00	0.00
15,900.0	89.80	359.56	10,756.6	5,153.8	-503.7	5,176.3	0.00	0.00	0.00
16,000.0	89.80	359.56	10,757.0	5,253.8	-504.4	5,276.1	0.00	0.00	0.00
16,100.0	89.80	359.56	10,757.3	5,353.8	-505.2	5,375.9	0.00	0.00	0.00
16,200.0	89.80	359.56	10,757.7	5,453.8	-506.0	5,475.7	0.00	0.00	0.00
16,300.0	89.80	359.56	10,758.0	5,553.8	-506.7	5,575.5	0.00	0.00	0.00
16,400.0	89.80	359.56	10,758.3	5,653.8	-507.5	5,675.3	0.00	0.00	0.00
16,500.0	89.80	359.56	10,758.7	5,753.8	-508.2	5,775.1	0.00	0.00	0.00
16,600.0	89.80	359.56	10,759.0	5,853.8	-509.0	5,874.9	0.00	0.00	0.00
16,700.0	89.80	359.56	10,759.4	5,953.8	-509.8	5,974.8	0.00	0.00	0.00
16,800.0	89.80	359.56	10,759.7	6,053.8	-510.5	6,074.6	0.00	0.00	0.00
16,900.0	89.80	359.56	10,760.1	6,153.8	-511.3	6,174.4	0.00	0.00	0.00
17,000.0	89.80	359.56	10,760.4	6,253.8	-512.0	6,274.2	0.00	0.00	0.00
17,100.0	89.80	359.56	10,760.8	6,353.8	-512.8	6,374.0	0.00	0.00	0.00
17,200.0	89.80	359.56	10,761.1	6,453.8	-513.6	6,473.8	0.00	0.00	0.00
17,300.0	89.80	359.56	10,761.5	6,553.8	-514.3	6,573.6	0.00	0.00	0.00
17,400.0	89.80	359.56	10,761.8	6,653.8	-515.1	6,673.4	0.00	0.00	0.00
17,500.0	89.80	359.56	10,762.2	6,753.8	-515.8	6,773.2	0.00	0.00	0.00
17,600.0	89.80	359.56	10,762.5	6,853.8	-516.6	6,873.1	0.00	0.00	0.00
17,700.0	89.80	359.56	10,762.9	6,953.7	-517.4	6,972.9	0.00	0.00	0.00
17,800.0	89.80	359.56	10,763.2	7,053.7	-518.1	7,072.7	0.00	0.00	0.00
17,900.0	89.80	359.56	10,763.6	7,153.7	-518.9	7,172.5	0.00	0.00	0.00
18,000.0	89.80	359.56	10,763.9	7,253.7	-519.6	7,272.3	0.00	0.00	0.00
18,100.0	89.80	359.56	10,764.3	7,353.7	-520.4	7,372.1	0.00	0.00	0.00
18,200.0	89.80	359.56	10,764.6	7,453.7	-521.2	7,471.9	0.00	0.00	0.00
18,300.0	89.80	359.56	10,765.0	7,553.7	-521.9	7,571.7	0.00	0.00	0.00
18,311.3	89.80	359.56	10,765.0	7,565.0	-522.0	7,583.0	0.00	0.00	0.00

PBHL(Getty 5 FC #505H)

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Getty 5 Fed Com
Well: #505H
Wellbore: OH
Design: Plan #0.3

Local Co-ordinate Reference: Well #505H
TVD Reference: KB = 25 @ 3469.0usft
MD Reference: KB = 25 @ 3469.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

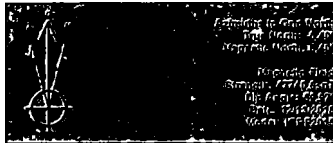
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(Getty 5 FC #505H) - plan hits target center - Point	0.00	0.00	10,167.0	-203.0	-463.0	420,003.00	770,386.00	32° 9' 9.009 N	103° 35' 35.592 W
FTP(Getty 5 FC #505H) - plan misses target center by 202.9usft at 10698.2usft MD (10594.3 TVD, -11.8 N, -464.5 E) - Point	0.00	0.00	10,740.0	-153.0	-463.0	420,053.00	770,386.00	32° 9' 9.503 N	103° 35' 35.588 W
PBHL(Getty 5 FC #505H) - plan hits target center - Point	0.00	0.01	10,765.0	7,565.0	-522.0	427,771.00	770,327.00	32° 10' 25.880 N	103° 35' 35.657 W



Lea County, NM (NAD 83 NME)

Getty 5 Fed Com #505H

Plan #0.3



To convert a Magnetic Direction to a Grid Direction, Add 0.00°
To convert a True Direction to a Grid Direction, Add 0.00° East
To convert a True Direction to a Grid Direction, Subtract 0.00°

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Elevation: GRB 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #505H

KB = 25 @ 3489,0usft 3444.0
Northing 420206.00 Easting 770349.00 Latitude 32° 0' 10.884 N Longitude 103° 35' 30.191 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSeal	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1803.6	12.07	246.33	1799.0	-26.4	-59.0	2.00	246.33	-21.4	
4	3616.6	12.07	246.33	3571.0	-177.6	-405.0	0.00	0.00	-149.3	
5	4219.0	0.00	0.61	4170.0	-203.0	-483.0	2.00	180.00	-170.6	KOP(Getty 5 FC #505H)
6	10216.0	0.00	0.61	10167.0	-203.0	-483.0	0.00	0.00	-170.6	
7	11114.0	89.80	359.56	10740.0	387.9	-487.3	10.00	359.56	399.2	
8	18311.3	89.80	359.56	10765.0	7665.0	-522.0	0.00	0.00	7563.0	PBHL(Getty 5 FC #505H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
KOP(Getty 5 FC #505H)	19167.0	-203.0	-483.0	420093.00	770386.00
PBHL(Getty 5 FC #505H)	10766.0	7665.0	-423.0	427771.80	770327.00
FTT(Getty 5 FC #505H)	10740.0	-183.0	-483.0	420053.00	770286.00

