



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Dragon 36 State

#706H

OH

Design: OH

EOG PVA

04 August, 2015



EOG Resources, Inc.
EOG PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 27 NME)	TVD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Site:	Dragon 36 State	MD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Project	Lea County, NM (NAD 27 NME)		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Dragon 36 State		
Site Position:		Northing:	425,530.00 usft
From:	Map	Easting:	751,878.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 10' 2.209 N
		Longitude:	103° 31' 9.625 W
		Grid Convergence:	0.43 °

Well		#706H				
Well Position	+N/-S	0.0 usft	Northing:	425,505.00 usft	Latitude:	32° 10' 2.265 N
	+E/-W	0.0 usft	Easting:	747,792.00 usft	Longitude:	103° 31' 57.161 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level:	3,492.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	8/9/2015	7.13	60.04	48,099

Design	OH			
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	357.76

Survey Program	Date	8/4/2015		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
177.0	17,305.0	DrilTech MWD #1 (OH)	MWD	MWD - Standard



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Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0	
177.0	0.40	145.20	177.0	-0.5	0.4	0.23	0.23	0.00	0.0	0.0	
268.0	0.50	147.20	268.0	-1.1	0.7	0.11	0.11	2.20	0.0	0.0	
326.0	0.40	118.90	326.0	-1.4	1.1	0.41	-0.17	-48.79	0.0	0.0	
386.0	0.50	131.70	386.0	-1.7	1.4	0.24	0.17	21.33	0.0	0.0	
447.0	0.50	154.50	447.0	-2.1	1.8	0.32	0.00	37.38	0.0	0.0	
539.0	0.90	195.30	539.0	-3.2	1.7	0.67	0.43	44.35	0.0	0.0	
600.0	0.90	184.20	600.0	-4.1	1.6	0.29	0.00	-18.20	0.0	0.0	
691.0	1.10	185.10	691.0	-5.7	1.4	0.22	0.22	0.99	0.0	0.0	
875.0	1.40	204.30	874.9	-9.5	0.4	0.28	0.16	10.43	0.0	0.0	
1,065.0	1.40	204.30	1,064.9	-13.7	-1.5	0.00	0.00	0.00	0.0	0.0	
1,159.0	0.70	224.30	1,158.8	-15.2	-2.4	0.83	-0.74	21.28	0.0	0.0	
1,212.0	0.70	204.80	1,211.8	-15.7	-2.8	0.45	0.00	-36.79	0.0	0.0	
1,340.0	0.40	172.60	1,339.8	-16.9	-3.1	0.33	-0.23	-25.16	0.0	0.0	
1,434.0	0.40	196.40	1,433.8	-17.5	-3.1	0.18	0.00	25.32	0.0	0.0	
1,527.0	0.50	181.80	1,526.8	-18.2	-3.2	0.16	0.11	-15.70	0.0	0.0	
1,621.0	0.50	181.80	1,620.8	-19.0	-3.2	0.00	0.00	0.00	0.0	0.0	
1,714.0	0.50	183.20	1,713.8	-19.8	-3.3	0.01	0.00	1.51	0.0	0.0	
1,808.0	0.50	182.80	1,807.8	-20.7	-3.3	0.00	0.00	-0.43	0.0	0.0	
1,901.0	0.50	187.10	1,900.8	-21.5	-3.4	0.04	0.00	4.62	0.0	0.0	
2,089.0	0.40	206.70	2,088.8	-22.9	-3.8	0.10	-0.05	10.43	0.0	0.0	
2,183.0	0.40	197.80	2,182.8	-23.5	-4.0	0.07	0.00	-9.47	0.0	0.0	
2,371.0	0.40	241.90	2,370.8	-24.4	-4.8	0.16	0.00	23.46	0.0	0.0	
2,465.0	0.40	231.40	2,464.8	-24.8	-5.4	0.08	0.00	-11.17	0.0	0.0	
2,559.0	0.40	241.70	2,558.8	-25.1	-5.9	0.08	0.00	10.96	0.0	0.0	
2,653.0	0.90	247.70	2,652.8	-25.6	-6.9	0.54	0.53	6.38	0.0	0.0	
2,747.0	1.90	226.10	2,746.8	-26.9	-8.7	1.18	1.06	-22.98	0.0	0.0	



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Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
2,841.0	2.30	214.70	2,840.7	-29.6	-10.9	0.61	0.43	-12.13	0.0	0.0
2,934.0	3.30	218.50	2,933.6	-33.2	-13.6	1.09	1.08	4.09	0.0	0.0
3,028.0	4.40	220.50	3,027.4	-38.1	-17.6	1.18	1.17	2.13	0.0	0.0
3,121.0	4.90	219.80	3,120.1	-43.8	-22.5	0.54	0.54	-0.75	0.0	0.0
3,215.0	5.80	218.50	3,213.7	-50.6	-28.0	0.97	0.96	-1.38	0.0	0.0
3,308.0	6.90	219.80	3,306.1	-58.6	-34.5	1.19	1.18	1.40	0.0	0.0
3,402.0	6.90	220.80	3,399.4	-67.2	-41.8	0.13	0.00	1.06	0.0	0.0
3,496.0	6.70	215.50	3,492.7	-75.9	-48.7	0.70	-0.21	-5.64	0.0	0.0
3,591.0	6.20	214.00	3,587.1	-84.7	-54.8	0.56	-0.53	-1.58	0.0	0.0
3,685.0	5.60	212.00	3,680.6	-92.8	-60.0	0.67	-0.64	-2.13	0.0	0.0
3,780.0	5.60	218.50	3,775.2	-100.4	-65.4	0.67	0.00	6.84	0.0	0.0
3,873.0	5.50	218.50	3,867.8	-107.4	-71.0	0.11	-0.11	0.00	0.0	0.0
3,967.0	5.10	221.20	3,961.4	-114.1	-76.5	0.50	-0.43	2.87	0.0	0.0
4,061.0	5.10	222.40	4,055.0	-120.3	-82.1	0.11	0.00	1.28	0.0	0.0
4,155.0	4.90	223.10	4,148.6	-126.3	-87.7	0.22	-0.21	0.74	0.0	0.0
4,249.0	4.40	223.10	4,242.3	-131.9	-92.9	0.53	-0.53	0.00	0.0	0.0
4,343.0	4.20	219.20	4,336.1	-137.2	-97.5	0.38	-0.21	-4.15	0.0	0.0
4,436.0	3.70	216.20	4,428.8	-142.2	-101.4	0.58	-0.54	-3.23	0.0	0.0
4,530.0	4.20	219.60	4,522.6	-147.3	-105.4	0.59	0.53	3.62	0.0	0.0
4,624.0	4.00	211.70	4,616.4	-152.8	-109.3	0.64	-0.21	-8.40	0.0	0.0
4,718.0	3.30	209.70	4,710.2	-157.9	-112.4	0.76	-0.74	-2.13	0.0	0.0
4,812.0	3.30	195.90	4,804.0	-162.9	-114.5	0.84	0.00	-14.68	0.0	0.0
4,907.0	3.70	185.10	4,898.8	-168.6	-115.5	0.81	0.42	-11.37	0.0	0.0
5,001.0	3.70	178.30	4,992.7	-174.6	-115.7	0.47	0.00	-7.23	0.0	0.0
5,095.0	3.20	180.00	5,086.5	-180.3	-115.6	0.54	-0.53	1.81	0.0	0.0
5,189.0	1.90	192.50	5,180.4	-184.4	-115.9	1.50	-1.38	13.30	0.0	0.0
5,283.0	0.70	273.50	5,274.4	-185.9	-116.9	2.04	-1.28	86.17	0.0	0.0



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5,378.0	0.50	288.70	5,369.4	-185.7	-117.8	0.27	-0.21	16.00	0.0	0.0
5,472.0	0.70	268.40	5,463.4	-185.6	-118.8	0.31	0.21	-21.60	0.0	0.0
5,567.0	0.50	277.20	5,558.3	-185.6	-119.8	0.23	-0.21	9.26	0.0	0.0
5,661.0	0.70	273.90	5,652.3	-185.5	-120.8	0.22	0.21	-3.51	0.0	0.0
5,755.0	0.70	283.70	5,746.3	-185.3	-121.9	0.13	0.00	10.43	0.0	0.0
5,850.0	0.70	290.20	5,841.3	-185.0	-123.0	0.08	0.00	6.84	0.0	0.0
5,944.0	0.70	300.40	5,935.3	-184.5	-124.0	0.13	0.00	10.85	0.0	0.0
6,038.0	0.50	299.00	6,029.3	-184.0	-124.9	0.21	-0.21	-1.49	0.0	0.0
6,133.0	0.50	267.64	6,124.3	-183.8	-125.7	0.28	0.00	-33.01	0.0	0.0
6,227.0	0.70	291.70	6,218.3	-183.6	-126.6	0.34	0.21	25.60	0.0	0.0
6,321.0	0.50	285.00	6,312.3	-183.3	-127.5	0.23	-0.21	-7.13	0.0	0.0
6,415.0	0.40	329.80	6,406.3	-182.9	-128.1	0.38	-0.11	47.66	0.0	0.0
6,509.0	0.50	301.00	6,500.3	-182.4	-128.6	0.26	0.11	-30.64	0.0	0.0
6,698.0	0.20	1.60	6,689.3	-181.7	-129.3	0.23	-0.16	32.06	0.0	0.0
6,793.0	0.40	352.60	6,784.3	-181.2	-129.3	0.22	0.21	-9.47	0.0	0.0
6,886.0	0.40	346.00	6,877.3	-180.5	-129.5	0.05	0.00	-7.10	0.0	0.0
6,981.0	0.50	18.10	6,972.3	-179.8	-129.4	0.28	0.11	33.79	0.0	0.0
7,075.0	0.50	349.70	7,066.3	-179.0	-129.4	0.26	0.00	-30.21	0.0	0.0
7,169.0	0.40	18.70	7,160.3	-178.3	-129.3	0.26	-0.11	30.85	0.0	0.0
7,262.0	0.40	7.60	7,253.3	-177.7	-129.2	0.08	0.00	-11.94	0.0	0.0
7,356.0	0.40	356.90	7,347.3	-177.0	-129.2	0.08	0.00	-11.38	0.0	0.0
7,451.0	0.20	52.90	7,442.3	-176.6	-129.0	0.35	-0.21	58.95	0.0	0.0
7,544.0	0.20	216.10	7,535.3	-176.6	-129.0	0.43	0.00	175.48	0.0	0.0
7,639.0	0.20	282.70	7,630.3	-176.7	-129.3	0.23	0.00	70.11	0.0	0.0
7,733.0	0.20	282.70	7,724.3	-176.6	-129.6	0.00	0.00	0.00	0.0	0.0
7,827.0	0.40	239.30	7,818.3	-176.8	-130.0	0.31	0.21	-46.17	0.0	0.0
7,922.0	0.00	179.50	7,913.3	-176.9	-130.3	0.42	-0.42	0.00	0.0	0.0



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8,002.0	0.20	16.70	7,993.3	-176.8	-130.3	0.25	0.25	0.00	0.0	0.0	
8,097.0	0.00	19.40	8,088.3	-176.7	-130.2	0.21	-0.21	0.00	0.0	0.0	
8,191.0	0.40	251.00	8,182.3	-176.8	-130.5	0.43	0.43	0.00	0.0	0.0	
8,286.0	0.20	195.00	8,277.3	-177.0	-130.9	0.35	-0.21	-58.95	0.0	0.0	
8,380.0	0.20	241.00	8,371.3	-177.3	-131.1	0.17	0.00	48.94	0.0	0.0	
8,474.0	0.40	216.40	8,465.3	-177.6	-131.4	0.25	0.21	-26.17	0.0	0.0	
8,568.0	0.40	207.50	8,559.3	-178.2	-131.8	0.07	0.00	-9.47	0.0	0.0	
8,662.0	0.40	235.40	8,653.3	-178.6	-132.2	0.21	0.00	29.68	0.0	0.0	
8,756.0	0.40	215.20	8,747.3	-179.1	-132.6	0.15	0.00	-21.49	0.0	0.0	
8,850.0	0.40	210.10	8,841.3	-179.7	-133.0	0.04	0.00	-5.43	0.0	0.0	
8,944.0	0.40	182.00	8,935.3	-180.3	-133.2	0.21	0.00	-29.89	0.0	0.0	
9,038.0	0.50	180.90	9,029.3	-181.0	-133.2	0.11	0.11	-1.17	0.0	0.0	
9,132.0	0.40	224.90	9,123.3	-181.6	-133.4	0.37	-0.11	46.81	0.0	0.0	
9,226.0	0.40	230.50	9,217.3	-182.1	-133.9	0.04	0.00	5.96	0.0	0.0	
9,320.0	0.50	200.80	9,311.2	-182.7	-134.3	0.27	0.11	-31.60	0.0	0.0	
9,414.0	0.40	224.30	9,405.2	-183.3	-134.7	0.22	-0.11	25.00	0.0	0.0	
9,508.0	0.40	199.50	9,499.2	-183.8	-135.0	0.18	0.00	-26.38	0.0	0.0	
9,602.0	0.40	282.70	9,593.2	-184.1	-135.5	0.57	0.00	88.51	0.0	0.0	
9,696.0	0.50	341.40	9,687.2	-183.6	-135.9	0.48	0.11	62.45	0.0	0.0	
9,791.0	0.70	347.20	9,782.2	-182.7	-136.2	0.22	0.21	6.11	0.0	0.0	
9,885.0	0.90	14.80	9,876.2	-181.4	-136.1	0.46	0.21	29.36	0.0	0.0	
9,980.0	1.60	28.70	9,971.2	-179.5	-135.3	0.80	0.74	14.63	0.0	0.0	
10,074.0	1.60	24.60	10,065.2	-177.2	-134.1	0.12	0.00	-4.36	0.0	0.0	
10,169.0	1.40	25.70	10,160.1	-174.9	-133.1	0.21	-0.21	1.16	0.0	0.0	
10,263.0	1.40	26.20	10,254.1	-172.8	-132.0	0.01	0.00	0.53	0.0	0.0	
10,358.0	1.10	24.10	10,349.1	-171.0	-131.2	0.32	-0.32	-2.21	0.0	0.0	
10,452.0	0.70	359.90	10,443.1	-169.6	-130.8	0.58	-0.43	-25.74	0.0	0.0	



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10,515.0	0.70	355.30	10,506.1	-168.8	-130.8	0.09	0.00	-7.30	0.0	0.0	
10,589.0	0.70	41.20	10,580.1	-168.0	-130.6	0.74	0.00	62.03	0.0	0.0	
10,683.0	0.90	111.50	10,674.1	-167.8	-129.5	1.00	0.21	74.79	0.0	0.0	
10,776.0	1.20	81.20	10,767.0	-168.0	-127.9	0.67	0.32	-32.58	0.0	0.0	
10,870.0	1.40	80.50	10,861.0	-167.6	-125.8	0.21	0.21	-0.74	0.0	0.0	
10,964.0	1.60	99.90	10,955.0	-167.7	-123.3	0.58	0.21	20.64	-1.0	-0.1	
11,059.0	1.60	131.70	11,049.9	-168.8	-121.0	0.92	0.00	33.47	-3.2	1.0	
11,152.0	0.50	155.90	11,142.9	-170.0	-119.9	1.25	-1.18	26.02	-4.1	2.7	
11,246.0	0.50	239.40	11,236.9	-170.6	-120.1	0.71	0.00	88.83	1.8	4.8	
11,340.0	1.10	243.70	11,330.9	-171.2	-121.2	0.64	0.64	4.57	0.8	4.7	
11,434.0	0.20	228.00	11,424.9	-171.7	-122.2	0.97	-0.96	-16.70	-1.5	4.5	
11,527.0	0.40	251.90	11,517.9	-171.9	-122.6	0.25	0.22	25.70	0.0	4.8	
11,621.0	0.50	148.20	11,611.9	-172.4	-122.7	0.76	0.11	-110.32	-5.0	-1.5	
11,714.0	0.70	149.40	11,704.9	-173.2	-122.2	0.22	0.22	1.29	-6.0	-1.4	
11,809.0	1.20	151.70	11,799.9	-174.6	-121.4	0.53	0.53	2.42	-7.6	-1.1	
11,902.0	1.10	148.20	11,892.9	-176.2	-120.5	0.13	-0.11	-3.76	-9.4	-1.6	
11,997.0	4.40	344.60	11,987.8	-173.5	-121.0	5.75	3.47	-172.21	6.8	-1.3	
12,044.0	13.20	342.50	12,034.2	-166.6	-123.1	18.73	18.72	-4.47	2.4	-0.4	
12,091.0	19.00	349.30	12,079.3	-153.9	-126.1	12.96	12.34	14.47	-4.2	1.0	
12,138.0	21.50	352.60	12,123.4	-137.9	-128.6	5.85	5.32	7.02	-10.2	2.7	
12,185.0	25.00	355.50	12,166.6	-119.4	-130.5	7.83	7.45	6.17	-14.8	4.3	
12,232.0	28.20	354.10	12,208.6	-98.5	-132.5	6.94	6.81	-2.98	-18.4	5.0	
12,279.0	31.70	353.20	12,249.3	-75.2	-135.1	7.51	7.45	-1.91	-20.7	6.5	
12,326.0	34.80	349.00	12,288.7	-49.7	-139.1	8.21	6.60	-8.94	-22.3	8.3	
12,372.0	36.60	350.90	12,326.0	-23.3	-143.8	4.60	3.91	4.13	-21.2	13.0	
12,420.0	39.20	353.00	12,363.9	5.9	-147.9	6.05	5.42	4.37	-17.6	17.1	
12,467.0	44.50	351.10	12,398.9	36.9	-152.2	11.59	11.28	-4.04	-14.3	20.4	



Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 27 NME)	TVD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Site:	Dragon 36 State	MD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,515.0	50.00	351.80	12,431.5	71.8	-157.5	11.51	11.46	1.46	-10.6	25.0
12,561.6	55.95	353.69	12,459.5	108.7	-162.1	13.17	12.77	4.05	-7.4	28.8
HL Crossing, MD:12561.6', TVD:12459.5', N/S:108.7', E/W:-162.1', INC:55.95										
12,562.0	56.00	353.70	12,459.7	109.0	-162.2	13.17	12.80	3.74	-7.4	28.9
12,609.0	63.00	355.30	12,483.6	149.3	-166.0	15.18	14.89	3.40	-5.6	31.6
12,656.0	67.40	355.60	12,503.3	191.8	-169.4	9.38	9.36	0.64	-5.0	33.6
12,703.0	69.00	355.80	12,520.7	235.3	-172.7	3.43	3.40	0.43	-3.2	35.5
12,750.0	72.50	357.40	12,536.2	279.6	-175.3	8.11	7.45	3.40	0.8	36.8
12,797.0	76.90	2.80	12,548.6	324.9	-175.2	14.50	9.36	11.49	5.8	35.1
12,844.0	82.30	6.50	12,557.1	371.0	-171.4	13.85	11.49	7.87	9.7	29.8
12,892.0	87.40	6.20	12,561.4	418.5	-166.2	10.64	10.62	-0.62	12.8	23.0
12,939.0	91.00	1.30	12,562.1	465.3	-163.1	12.93	7.66	-10.43	13.7	18.6
13,033.0	92.90	359.90	12,558.9	559.3	-162.1	2.51	2.02	-1.49	11.4	14.8
13,127.0	92.00	358.40	12,554.9	653.2	-163.5	1.86	-0.96	-1.60	8.4	13.6
13,222.0	92.90	3.40	12,550.8	748.0	-162.0	5.34	0.95	5.26	5.2	9.7
13,316.0	91.50	4.80	12,547.2	841.7	-155.3	2.11	-1.49	1.49	2.6	0.7
13,410.0	88.00	359.30	12,547.6	935.6	-151.9	6.93	-3.72	-5.85	3.9	-4.6
13,505.0	90.80	358.60	12,548.6	1,030.6	-153.7	3.04	2.95	-0.74	5.9	-4.7
13,599.0	92.00	358.10	12,546.3	1,124.5	-156.4	1.38	1.28	-0.53	4.6	-3.6
13,694.0	94.00	357.90	12,541.3	1,219.3	-159.7	2.12	2.11	-0.21	0.5	-1.7
13,788.0	91.30	357.00	12,537.0	1,313.1	-163.9	3.03	-2.87	-0.96	-2.9	1.3
13,882.0	91.70	357.60	12,534.5	1,407.0	-168.3	0.77	0.43	0.64	-4.4	4.8
13,977.0	91.10	352.30	12,532.2	1,501.5	-176.7	5.61	-0.63	-5.58	-5.7	12.3
14,071.0	95.40	354.10	12,526.9	1,594.7	-187.8	4.96	4.57	1.91	-9.6	22.8
14,165.0	93.10	0.70	12,519.9	1,688.3	-192.0	7.42	-2.45	7.02	-15.5	26.3
14,260.0	91.30	4.20	12,516.2	1,783.1	-187.9	4.14	-1.89	3.68	-18.0	21.5
14,354.0	94.10	4.80	12,511.8	1,876.7	-180.6	3.05	2.98	0.64	-21.1	13.4



EOG Resources, Inc.
EOG PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 27 NME)	TVD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Site:	Dragon 36 State	MD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
14,448.0	91.50	3.40	12,507.2	1,970.4	-173.9	3.14	-2.77	-1.49	-24.4	6.0	
14,542.0	91.00	1.40	12,505.2	2,064.2	-169.9	2.19	-0.53	-2.13	-25.2	1.4	
14,635.0	94.10	3.20	12,501.0	2,157.1	-166.2	3.85	3.33	1.94	-28.1	-3.0	
14,729.0	95.20	2.80	12,493.4	2,250.6	-161.3	1.24	1.17	-0.43	-34.5	-8.6	
14,824.0	95.00	2.30	12,485.0	2,345.2	-157.1	0.56	-0.21	-0.53	-41.7	-13.5	
14,918.0	90.40	358.40	12,480.5	2,439.0	-156.5	6.41	-4.89	-4.15	-44.9	-14.7	
15,013.0	96.10	359.90	12,475.2	2,533.8	-157.9	6.20	6.00	1.58	-49.0	-14.1	
15,107.0	93.10	6.90	12,467.6	2,627.3	-152.4	8.08	-3.19	7.45	-55.3	-20.3	
15,202.0	90.40	9.20	12,464.7	2,721.3	-139.1	3.73	-2.84	2.42	-57.1	-34.0	
15,233.0	88.90	6.20	12,464.9	2,752.0	-134.9	10.82	-4.84	-9.68	-56.4	-38.5	
15,261.0	87.10	3.40	12,465.9	2,779.9	-132.6	11.88	-6.43	-10.00	-55.0	-41.2	
15,292.0	85.90	1.30	12,467.8	2,810.8	-131.3	7.79	-3.87	-6.77	-52.6	-42.8	
15,324.0	86.60	358.60	12,469.9	2,842.7	-131.3	8.70	2.19	-8.44	-50.1	-43.0	
15,355.0	88.30	356.70	12,471.2	2,873.6	-132.6	8.22	5.48	-6.13	-48.4	-41.9	
15,387.0	88.70	356.50	12,472.1	2,905.6	-134.5	1.40	1.25	-0.62	-47.1	-40.2	
15,481.0	91.00	356.20	12,472.3	2,999.4	-140.5	2.47	2.45	-0.32	-45.7	-34.9	
15,575.0	89.70	357.40	12,471.8	3,093.2	-145.7	1.88	-1.38	1.28	-45.3	-30.4	
15,669.0	89.20	356.00	12,472.7	3,187.1	-151.2	1.58	-0.53	-1.49	-43.6	-25.6	
15,763.0	90.10	358.30	12,473.2	3,280.9	-155.8	2.63	0.96	2.45	-42.1	-21.7	
15,856.0	92.40	357.90	12,471.2	3,373.9	-158.9	2.51	2.47	-0.43	-43.3	-19.3	
15,950.0	90.60	356.70	12,468.7	3,467.7	-163.3	2.30	-1.91	-1.28	-44.9	-15.5	
16,045.0	91.50	357.40	12,467.0	3,562.6	-168.2	1.20	0.95	0.74	-45.7	-11.4	
16,139.0	92.60	358.60	12,463.6	3,656.5	-171.5	1.73	1.17	1.28	-48.2	-8.8	
16,233.0	90.10	0.00	12,461.4	3,750.4	-172.6	3.05	-2.66	1.49	-49.6	-8.4	
16,328.0	88.90	359.90	12,462.3	3,845.4	-172.7	1.27	-1.26	-0.11	-47.9	-9.0	
16,422.0	88.20	0.00	12,464.6	3,939.4	-172.8	0.75	-0.74	0.11	-44.6	-9.6	
16,516.0	90.80	1.60	12,465.5	4,033.3	-171.5	3.25	2.77	1.70	-42.9	-11.6	



EOG Resources, Inc.
EOG PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #706H
Project:	Lea County, NM (NAD 27 NME)	TVD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Site:	Dragon 36 State	MD Reference:	KB = 25 @ 3517.0usft (H&P 260)
Well:	#706H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
16,610.0	92.00	2.30	12,463.2	4,127.3	-168.3	1.48	1.28	0.74	-44.3	-15.5	
16,704.0	91.00	2.10	12,460.7	4,221.2	-164.7	1.08	-1.06	-0.21	-45.9	-19.8	
16,798.0	90.30	3.40	12,459.6	4,315.0	-160.2	1.57	-0.74	1.38	-46.1	-25.0	
16,892.0	90.40	359.90	12,459.1	4,409.0	-157.5	3.72	0.11	-3.72	-45.8	-28.4	
16,986.0	89.40	0.00	12,459.2	4,503.0	-157.6	1.07	-1.06	0.11	-44.8	-29.0	
17,080.0	88.70	359.70	12,460.8	4,597.0	-157.8	0.81	-0.74	-0.32	-42.4	-29.5	
17,175.0	88.50	359.50	12,463.1	4,691.9	-158.5	0.30	-0.21	-0.21	-39.2	-29.5	
Last MWD Survey											
17,212.6	88.50	359.50	12,464.1	4,729.5	-158.8	0.00	0.00	0.00	-37.8	-29.5	
HL Crossing, MD:17212.6', TVD:12464.1', N/S:4729.5', E/W:-158.8', INC:88.50											
17,305.0	88.50	359.50	12,466.5	4,821.9	-159.6	0.00	0.00	0.00	-34.6	-29.4	
Projection To Bit											

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
12,561.6	12,459.5	108.7	-162.1	HL Crossing, MD:12561.6', TVD:12459.5', N/S:108.7', E/W:-162.1', INC:55.95	
17,175.0	12,463.1	4,691.9	-158.5	Last MWD Survey	
17,212.6	12,464.1	4,729.5	-158.8	HL Crossing, MD:17212.6', TVD:12464.1', N/S:4729.5', E/W:-158.8', INC:88.50	
17,305.0	12,466.5	4,821.9	-159.6	Projection To Bit	

Checked By: _____ Approved By: _____ Date: _____