

EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Endurance 36 State Com

#704H

OH

Plan: Plan #2

EOG PVA

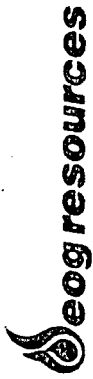
29 February, 2016

HOBBS OCD

MAY 05 2016

RECEIVED

MAY 06 2016



EOG Resources, Inc. EOG PVA

Company: EOG Resources - Midland	Local Co-ordinate Reference: Well #704H
Project: Lea County, NM (NAD 27 NME)	TVD Reference: KB = 25 @ 3360.0usft
Site: Endurance 36 State Com	MD Reference: KB = 25 @ 3360.0usft
Well: #704H	North Reference: Grid
Wellbore: OH	Survey Calculation Method: Minimum Curvature
Design: Plan #2	Database: EDM 5000.1 Single User Db

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

Site: Endurance 36 State Com		
Site Position:	Northings: 365,036.00 usft	Latitude: 32° 0' 3.760 N
From: Map	Easting: 749,506.00 usft	Longitude: 103° 31' 42.470 W
Position Uncertainty: 0.0 usft	Slot Radius: 13-3/16 "	Grid Convergence: 0.43 °

Well: #704H		
Well Position	+N/-S 0.0 usft	Latitude: 32° 0' 4.052 N
	+E/-W 0.0 usft	Longitude: 103° 31' 51.061 W
Position Uncertainty	Wellhead Elevation: 0.0 usft	Ground Level: 3,335.0 usft

Wellbore OH		
Magnetics	Model Name IGRF2015	Sample Date 6/23/2015
	Declination (°) 7.13	Dip Angle (°) 59.89
		Field Strength (nT) 48,014

Design Plan #2		
Audit Notes:	Phase: PLAN	Tie On Depth: 0.0
Version:	Depth From (TVD) (usft) 0.0	+N/-S (usft) 0.0
Vertical Section:	+E/-W (usft) 0.0	Direction (°) 359.37

Survey Tool Program	Date 2/29/2016	
From (usft) 0.0	To (usft) 19,950.9	Survey (Wellbore) Plan #2 (OH)
	Tool Name MWD	Description MWD - Standard



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MD Reference: KB = 25 @ 3360.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned 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	0.00	0.00
	100.0	0.00	0.00	100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	200.0	0.00	0.00	200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	300.0	0.00	0.00	300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	400.0	0.00	0.00	400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	500.0	0.00	0.00	500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	600.0	0.00	0.00	600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	700.0	0.00	0.00	700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	800.0	0.00	0.00	800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	900.0	0.00	0.00	900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	1,000.0	0.00	0.00	1,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	1,100.0	0.00	0.00	1,100.0	0.0	0.0	0.00	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	0.00
	1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	1,400.0	0.00	0.00	1,400.0	0.0	0.0	0.00	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	0.00
	1,600.0	0.00	0.00	1,600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	1,700.0	0.00	0.00	1,700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	1,800.0	0.00	0.00	1,800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	1,900.0	0.00	0.00	1,900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,000.0	0.00	0.00	2,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,100.0	0.00	0.00	2,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,200.0	0.00	0.00	2,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,300.0	0.00	0.00	2,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,400.0	0.00	0.00	2,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,500.0	0.00	0.00	2,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
	2,600.0	0.00	0.00	2,600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00



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EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Endurance 36 State Com
Well: #704H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:
Well #704H
KB = 25 @ 3360.0usft
KB = 25 @ 3360.0usft
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Planned 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)
2,700.0	0.00	0.00	2,700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,800.0	0.00	0.00	2,800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
2,900.0	0.00	0.00	2,900.0	0.0	0.0	0.00	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	0.00
3,100.0	0.00	0.00	3,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,100.0	0.00	0.00	4,100.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	0.00
4,600.0	1.00	184.45	4,600.0	-0.9	-0.1	1.00	1.00	0.00	0.00	0.00
4,700.0	2.00	184.45	4,700.0	-3.5	-0.3	1.00	1.00	0.00	0.00	0.00
4,736.8	2.37	184.45	4,736.7	-4.9	-0.4	1.00	1.00	0.00	0.00	0.00
4,800.0	2.37	184.45	4,799.9	-7.5	-0.6	0.00	0.00	0.00	0.00	0.00
4,900.0	2.37	184.45	4,899.8	-11.6	-0.9	0.00	0.00	0.00	0.00	0.00
5,000.0	2.37	184.45	4,999.7	-15.7	-1.2	0.00	0.00	0.00	0.00	0.00
5,100.0	2.37	184.45	5,099.6	-19.8	-1.5	0.00	0.00	0.00	0.00	0.00
5,200.0	2.37	184.45	5,199.5	-24.0	-1.9	0.00	0.00	0.00	0.00	0.00



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Planned Survey										
MD (usft)	Inc (°)	Azi (gnd_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
5,300.0	2.37	184.45	5,299.5	-28.1	-2.2	0.00	0.00	0.00	0.00	0.00
5,400.0	2.37	184.45	5,399.4	-32.2	-2.5	0.00	0.00	0.00	0.00	0.00
5,500.0	2.37	184.45	5,499.3	-36.3	-2.8	0.00	0.00	0.00	0.00	0.00
5,600.0	2.37	184.45	5,599.2	-40.4	-3.1	0.00	0.00	0.00	0.00	0.00
5,700.0	2.37	184.45	5,699.1	-44.6	-3.5	0.00	0.00	0.00	0.00	0.00
5,800.0	2.37	184.45	5,799.0	-48.7	-3.8	0.00	0.00	0.00	0.00	0.00
5,900.0	2.37	184.45	5,898.9	-52.8	-4.1	0.00	0.00	0.00	0.00	0.00
6,000.0	2.37	184.45	5,998.9	-56.9	-4.4	0.00	0.00	0.00	0.00	0.00
6,100.0	2.37	184.45	6,098.8	-61.0	-4.8	0.00	0.00	0.00	0.00	0.00
6,200.0	2.37	184.45	6,198.7	-65.2	-5.1	0.00	0.00	0.00	0.00	0.00
6,300.0	2.37	184.45	6,298.6	-69.3	-5.4	0.00	0.00	0.00	0.00	0.00
6,400.0	2.37	184.45	6,398.5	-73.4	-5.7	0.00	0.00	0.00	0.00	0.00
6,500.0	2.37	184.45	6,498.4	-77.5	-6.0	0.00	0.00	0.00	0.00	0.00
6,600.0	2.37	184.45	6,598.3	-81.6	-6.4	0.00	0.00	0.00	0.00	0.00
6,700.0	2.37	184.45	6,698.3	-85.7	-6.7	0.00	0.00	0.00	0.00	0.00
6,800.0	2.37	184.45	6,798.2	-89.9	-7.0	0.00	0.00	0.00	0.00	0.00
6,900.0	2.37	184.45	6,898.1	-94.0	-7.3	0.00	0.00	0.00	0.00	0.00
7,000.0	2.37	184.45	6,998.0	-98.1	-7.6	0.00	0.00	0.00	0.00	0.00
7,100.0	2.37	184.45	7,097.9	-102.2	-8.0	0.00	0.00	0.00	0.00	0.00
7,200.0	2.37	184.45	7,197.8	-106.3	-8.3	0.00	0.00	0.00	0.00	0.00
7,300.0	2.37	184.45	7,297.7	-110.5	-8.6	0.00	0.00	0.00	0.00	0.00
7,400.0	2.37	184.45	7,397.7	-114.6	-8.9	0.00	0.00	0.00	0.00	0.00
7,500.0	2.37	184.45	7,497.6	-118.7	-9.2	0.00	0.00	0.00	0.00	0.00
7,600.0	2.37	184.45	7,597.5	-122.8	-9.6	0.00	0.00	0.00	0.00	0.00
7,700.0	2.37	184.45	7,697.4	-126.9	-9.9	0.00	0.00	0.00	0.00	0.00
7,800.0	2.37	184.45	7,797.3	-131.1	-10.2	0.00	0.00	0.00	0.00	0.00
7,900.0	2.37	184.45	7,897.2	-135.2	-10.5	0.00	0.00	0.00	0.00	0.00



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Design: Plan #2

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North Reference: Grid
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Database: EDM 5000.1 Single User Db

Planned Survey										
MD (usft)	Inc (")	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLeg ("/100usft)	Build ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)
8,000.0	2.37	184.45	7,997.1	-139.3	-10.8	0.00	0.00	0.00	0.00	0.00
8,100.0	2.37	184.45	8,097.1	-143.4	-11.2	0.00	0.00	0.00	0.00	0.00
8,200.0	2.37	184.45	8,197.0	-147.5	-11.5	0.00	0.00	0.00	0.00	0.00
8,300.0	2.37	184.45	8,296.9	-151.7	-11.8	0.00	0.00	0.00	0.00	0.00
8,400.0	2.37	184.45	8,396.8	-155.8	-12.1	0.00	0.00	0.00	0.00	0.00
8,500.0	2.37	184.45	8,496.7	-159.9	-12.5	0.00	0.00	0.00	0.00	0.00
8,600.0	2.37	184.45	8,596.6	-164.0	-12.8	0.00	0.00	0.00	0.00	0.00
8,700.0	2.37	184.45	8,696.5	-168.1	-13.1	0.00	0.00	0.00	0.00	0.00
8,800.0	2.37	184.45	8,796.5	-172.3	-13.4	0.00	0.00	0.00	0.00	0.00
8,900.0	2.37	184.45	8,896.4	-176.4	-13.7	0.00	0.00	0.00	0.00	0.00
9,000.0	2.37	184.45	8,996.3	-180.5	-14.1	0.00	0.00	0.00	0.00	0.00
9,100.0	2.37	184.45	9,096.2	-184.6	-14.4	0.00	0.00	0.00	0.00	0.00
9,200.0	2.37	184.45	9,196.1	-188.7	-14.7	0.00	0.00	0.00	0.00	0.00
9,300.0	2.37	184.45	9,296.0	-192.9	-15.0	0.00	0.00	0.00	0.00	0.00
9,400.0	2.37	184.45	9,396.0	-197.0	-15.3	0.00	0.00	0.00	0.00	0.00
9,500.0	2.37	184.45	9,495.9	-201.1	-15.7	0.00	0.00	0.00	0.00	0.00
9,600.0	2.37	184.45	9,595.8	-205.2	-16.0	0.00	0.00	0.00	0.00	0.00
9,700.0	2.37	184.45	9,695.7	-209.3	-16.3	0.00	0.00	0.00	0.00	0.00
9,800.0	2.37	184.45	9,795.6	-213.4	-16.6	0.00	0.00	0.00	0.00	0.00
9,900.0	2.37	184.45	9,895.5	-217.6	-16.9	0.00	0.00	0.00	0.00	0.00
10,000.0	2.37	184.45	9,995.4	-221.7	-17.3	0.00	0.00	0.00	0.00	0.00
10,100.0	2.37	184.45	10,095.4	-225.8	-17.6	0.00	0.00	0.00	0.00	0.00
10,200.0	2.37	184.45	10,195.3	-229.9	-17.9	0.00	0.00	0.00	0.00	0.00
10,300.0	2.37	184.45	10,295.2	-234.0	-18.2	0.00	0.00	0.00	0.00	0.00
10,400.0	2.37	184.45	10,395.1	-238.2	-18.5	0.00	0.00	0.00	0.00	0.00
10,500.0	2.37	184.45	10,495.0	-242.3	-18.9	0.00	0.00	0.00	0.00	0.00
10,600.0	2.37	184.45	10,594.9	-246.4	-19.2	0.00	0.00	0.00	0.00	0.00



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EOG PVA

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Wellbore: OH
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Well #704H
KB = 25 @ 3360.0usft
KB = 25 @ 3360.0usft
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Minimum Curvature
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Planned 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)
10,700.0	2.37	184.45	10,694.8	-250.5	-19.5	0.00	0.00	0.00	0.00	0.00
10,800.0	2.37	184.45	10,794.8	-254.6	-19.8	0.00	0.00	0.00	0.00	0.00
10,900.0	2.37	184.45	10,894.7	-258.8	-20.2	0.00	0.00	0.00	0.00	0.00
11,000.0	2.37	184.45	10,994.6	-262.9	-20.5	0.00	0.00	0.00	0.00	0.00
11,100.0	2.37	184.45	11,094.5	-267.0	-20.8	0.00	0.00	0.00	0.00	0.00
11,200.0	2.37	184.45	11,194.4	-271.1	-21.1	0.00	0.00	0.00	0.00	0.00
11,300.0	2.37	184.45	11,294.3	-275.2	-21.4	0.00	0.00	0.00	0.00	0.00
11,400.0	2.37	184.45	11,394.2	-279.4	-21.8	0.00	0.00	0.00	0.00	0.00
11,500.0	2.37	184.45	11,494.2	-283.5	-22.1	0.00	0.00	0.00	0.00	0.00
11,600.0	2.37	184.45	11,594.1	-287.6	-22.4	0.00	0.00	0.00	0.00	0.00
11,700.0	2.37	184.45	11,694.0	-291.7	-22.7	0.00	0.00	0.00	0.00	0.00
11,800.0	2.37	184.45	11,793.9	-295.8	-23.0	0.00	0.00	0.00	0.00	0.00
11,900.0	2.37	184.45	11,893.8	-300.0	-23.4	0.00	0.00	0.00	0.00	0.00
12,000.0	2.37	184.45	11,993.7	-304.1	-23.7	0.00	0.00	0.00	0.00	0.00
12,089.8	2.37	184.45	12,083.5	-307.8	-24.0	0.00	0.00	0.00	0.00	0.00
12,100.0	1.35	188.11	12,093.6	-308.1	-24.0	10.00	-9.94	35.86		
12,150.0	3.67	356.46	12,143.6	-307.1	-24.2	10.00	4.62	336.71		
12,200.0	8.66	358.28	12,193.3	-301.7	-24.4	10.00	9.99	3.63		
12,250.0	13.66	358.77	12,242.4	-292.1	-24.6	10.00	10.00	0.98		
12,300.0	18.66	359.00	12,290.4	-278.1	-24.9	10.00	10.00	0.46		
12,350.0	23.66	359.14	12,337.0	-260.1	-25.2	10.00	10.00	0.27		
12,400.0	28.66	359.23	12,381.8	-238.1	-25.5	10.00	10.00	0.18		
12,450.0	33.66	359.29	12,424.6	-212.2	-25.8	10.00	10.00	0.13		
12,500.0	38.66	359.35	12,465.0	-182.7	-26.2	10.00	10.00	0.10		
12,550.0	43.66	359.39	12,502.6	-149.8	-26.5	10.00	10.00	0.08		
12,600.0	48.66	359.42	12,537.2	-113.8	-26.9	10.00	10.00	0.07		
12,650.0	53.66	359.45	12,568.6	-74.8	-27.3	10.00	10.00	0.06		



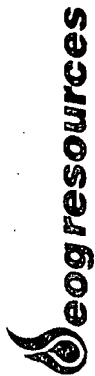
EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Endurance 36 State Com
Well: #704H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25 @ 3360.0usft
MD Reference: KB = 25 @ 3360.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
12,700.0	58.66	359.47	12,596.4	-33.3	-27.7	10.00	10.00	0.05		
12,743.2	62.99	359.49	12,617.5	4.4	-28.0	10.00	10.00	0.05		
FTP(END 26 ST Com #704H)										
12,750.0	63.66	359.50	12,620.5	10.5	-28.1	10.00	10.00	0.04		
12,800.0	68.66	359.52	12,640.7	56.2	-28.5	10.00	10.00	0.04		
12,850.0	73.66	359.54	12,656.9	103.5	-28.9	10.00	10.00	0.04		
12,900.0	78.66	359.56	12,668.8	152.0	-29.3	10.00	10.00	0.04		
12,950.0	83.66	359.57	12,676.5	201.4	-29.6	10.00	10.00	0.04		
13,000.0	88.66	359.59	12,679.8	251.3	-30.0	10.00	10.00	0.04		
13,013.4	90.00	359.60	12,680.0	264.7	-30.1	10.00	10.00	0.04		
13,100.0	90.00	359.60	12,680.0	351.3	-30.7	0.00	0.00	0.00		
13,200.0	90.00	359.60	12,680.0	451.3	-31.4	0.00	0.00	0.00		
13,300.0	90.00	359.60	12,680.0	551.3	-32.1	0.00	0.00	0.00		
13,400.0	90.00	359.60	12,680.0	651.3	-32.8	0.00	0.00	0.00		
13,500.0	90.00	359.60	12,680.0	751.3	-33.5	0.00	0.00	0.00		
13,600.0	90.00	359.60	12,680.0	851.3	-34.2	0.00	0.00	0.00		
13,700.0	90.00	359.60	12,680.0	951.3	-34.9	0.00	0.00	0.00		
13,800.0	90.00	359.60	12,680.0	1,051.3	-35.6	0.00	0.00	0.00		
13,900.0	90.00	359.60	12,680.0	1,151.3	-36.3	0.00	0.00	0.00		
14,000.0	90.00	359.60	12,680.0	1,251.2	-37.0	0.00	0.00	0.00		
14,100.0	90.00	359.60	12,680.0	1,351.2	-37.8	0.00	0.00	0.00		
14,200.0	90.00	359.60	12,680.0	1,451.2	-38.5	0.00	0.00	0.00		
14,300.0	90.00	359.60	12,680.0	1,551.2	-39.2	0.00	0.00	0.00		
14,400.0	90.00	359.60	12,680.0	1,651.2	-39.9	0.00	0.00	0.00		
14,500.0	90.00	359.60	12,680.0	1,751.2	-40.6	0.00	0.00	0.00		
14,600.0	90.00	359.60	12,680.0	1,851.2	-41.3	0.00	0.00	0.00		
14,700.0	90.00	359.60	12,680.0	1,951.2	-42.0	0.00	0.00	0.00		

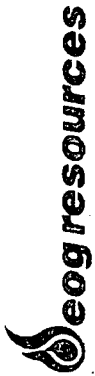


EOG Resources, Inc. EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Endurance 36 State Com
Well: #704H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25 @ 3360.0usft
MD Reference: KB = 25 @ 3360.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned 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)
	14,800.0	90.00	359.60	12,680.0	2,051.2	-42.7	0.00	0.00	0.00	0.00	0.00
	14,900.0	90.00	359.60	12,680.0	2,151.2	-43.4	0.00	0.00	0.00	0.00	0.00
	15,000.0	90.00	359.60	12,680.0	2,251.2	-44.1	0.00	0.00	0.00	0.00	0.00
	15,100.0	90.00	359.60	12,680.0	2,351.2	-44.8	0.00	0.00	0.00	0.00	0.00
	15,200.0	90.00	359.60	12,680.0	2,451.2	-45.5	0.00	0.00	0.00	0.00	0.00
	15,300.0	90.00	359.60	12,680.0	2,551.2	-46.2	0.00	0.00	0.00	0.00	0.00
	15,400.0	90.00	359.60	12,680.0	2,651.2	-46.9	0.00	0.00	0.00	0.00	0.00
	15,500.0	90.00	359.60	12,680.0	2,751.2	-47.6	0.00	0.00	0.00	0.00	0.00
	15,600.0	90.00	359.60	12,680.0	2,851.2	-48.3	0.00	0.00	0.00	0.00	0.00
	15,700.0	90.00	359.60	12,680.0	2,951.2	-49.0	0.00	0.00	0.00	0.00	0.00
	15,800.0	90.00	359.60	12,680.0	3,051.2	-49.7	0.00	0.00	0.00	0.00	0.00
	15,900.0	90.00	359.60	12,680.0	3,151.2	-50.4	0.00	0.00	0.00	0.00	0.00
	16,000.0	90.00	359.60	12,680.0	3,251.2	-51.1	0.00	0.00	0.00	0.00	0.00
	16,100.0	90.00	359.60	12,680.0	3,351.2	-51.9	0.00	0.00	0.00	0.00	0.00
	16,200.0	90.00	359.60	12,680.0	3,451.2	-52.6	0.00	0.00	0.00	0.00	0.00
	16,300.0	90.00	359.60	12,680.0	3,551.2	-53.3	0.00	0.00	0.00	0.00	0.00
	16,400.0	90.00	359.60	12,680.0	3,651.2	-54.0	0.00	0.00	0.00	0.00	0.00
	16,500.0	90.00	359.60	12,680.0	3,751.2	-54.7	0.00	0.00	0.00	0.00	0.00
	16,600.0	90.00	359.60	12,680.0	3,851.2	-55.4	0.00	0.00	0.00	0.00	0.00
	16,700.0	90.00	359.60	12,680.0	3,951.2	-56.1	0.00	0.00	0.00	0.00	0.00
	16,800.0	90.00	359.60	12,680.0	4,051.2	-56.8	0.00	0.00	0.00	0.00	0.00
	16,900.0	90.00	359.60	12,680.0	4,151.2	-57.5	0.00	0.00	0.00	0.00	0.00
	17,000.0	90.00	359.60	12,680.0	4,251.2	-58.2	0.00	0.00	0.00	0.00	0.00
	17,100.0	90.00	359.60	12,680.0	4,351.2	-58.9	0.00	0.00	0.00	0.00	0.00
	17,200.0	90.00	359.60	12,680.0	4,451.2	-59.6	0.00	0.00	0.00	0.00	0.00
	17,300.0	90.00	359.60	12,680.0	4,551.2	-60.3	0.00	0.00	0.00	0.00	0.00
	17,400.0	90.00	359.60	12,680.0	4,651.2	-61.0	0.00	0.00	0.00	0.00	0.00



EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
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Well: #704H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25 @ 3360.0usft
MD Reference: KB = 25 @ 3360.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Planned Survey

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	E/W (usft)	D/Leg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
17,500.0	90.00	359.60	12,680.0	4,751.2	-61.7	0.00	0.00	0.00	0.00	
17,600.0	90.00	359.60	12,680.0	4,851.2	-62.4	0.00	0.00	0.00	0.00	
17,700.0	90.00	359.60	12,680.0	4,951.2	-63.1	0.00	0.00	0.00	0.00	
17,800.0	90.00	359.60	12,680.0	5,051.2	-63.8	0.00	0.00	0.00	0.00	
17,900.0	90.00	359.60	12,680.0	5,151.2	-64.5	0.00	0.00	0.00	0.00	
18,000.0	90.00	359.60	12,680.0	5,251.1	-65.2	0.00	0.00	0.00	0.00	
18,100.0	90.00	359.60	12,680.0	5,351.1	-66.0	0.00	0.00	0.00	0.00	
18,200.0	90.00	359.60	12,680.0	5,451.1	-66.7	0.00	0.00	0.00	0.00	
18,300.0	90.00	359.60	12,680.0	5,551.1	-67.4	0.00	0.00	0.00	0.00	
18,400.0	90.00	359.60	12,680.0	5,651.1	-68.1	0.00	0.00	0.00	0.00	
18,500.0	90.00	359.60	12,680.0	5,751.1	-68.8	0.00	0.00	0.00	0.00	
18,600.0	90.00	359.60	12,680.0	5,851.1	-69.5	0.00	0.00	0.00	0.00	
18,700.0	90.00	359.60	12,680.0	5,951.1	-70.2	0.00	0.00	0.00	0.00	
18,800.0	90.00	359.60	12,680.0	6,051.1	-70.9	0.00	0.00	0.00	0.00	
18,900.0	90.00	359.60	12,680.0	6,151.1	-71.6	0.00	0.00	0.00	0.00	
19,000.0	90.00	359.60	12,680.0	6,251.1	-72.3	0.00	0.00	0.00	0.00	
19,100.0	90.00	359.60	12,680.0	6,351.1	-73.0	0.00	0.00	0.00	0.00	
19,200.0	90.00	359.60	12,680.0	6,451.1	-73.7	0.00	0.00	0.00	0.00	
19,300.0	90.00	359.60	12,680.0	6,551.1	-74.4	0.00	0.00	0.00	0.00	
19,400.0	90.00	359.60	12,680.0	6,651.1	-75.1	0.00	0.00	0.00	0.00	
19,500.0	90.00	359.60	12,680.0	6,751.1	-75.8	0.00	0.00	0.00	0.00	
19,600.0	90.00	359.60	12,680.0	6,851.1	-76.5	0.00	0.00	0.00	0.00	
19,700.0	90.00	359.60	12,680.0	6,951.1	-77.2	0.00	0.00	0.00	0.00	
19,800.0	90.00	359.60	12,680.0	7,051.1	-77.9	0.00	0.00	0.00	0.00	
19,900.0	90.00	359.60	12,680.0	7,151.1	-78.6	0.00	0.00	0.00	0.00	
19,950.9	90.00	359.60	12,680.0	7,202.0	-79.0	0.00	0.00	0.00	0.00	

PBHL(END 26 ST Com #704H)



EOG Resources, Inc.
EOG PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Endurance 36 State Com
Well: #704H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference:
TVD Reference:
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North Reference:
Survey Calculation Method:
Database:
Well #704H
KB = 25 @ 3360.0usft
KB = 25 @ 3360.0usft
Grid
Minimum Curvature
EDM 5000.1 Single User Db

Checked By: _____

Approved By: _____

Date: _____