



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Convoy 28 State Com

#704H

OH

Plan: Plan #0.1

Standard Planning Report

06 December, 2017

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #704H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3551.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3551.0usft
Site:	Convoy 28 State Com	North Reference:	Grid
Well:	#704H	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	Convoy 28 State Com				
Site Position:		Northing:	435,221.00 usft	Latitude:	32° 11' 39.126 N
From:	Map	Easting:	777,172.00 usft	Longitude:	103° 34' 15.406 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.41 °

Well	#704H					
Well Position	+N/-S	62.0 usft	Northing:	435,283.00 usft	Latitude:	32° 11' 39.806 N
	+E/-W	-945.0 usft	Easting:	776,227.00 usft	Longitude:	103° 34' 26.398 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,526.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/30/2017	6.90	60.03	47,872.78429121

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	179.32	

Plan Survey Tool Program	Date	12/6/2017			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.0	22,575.1 Plan #0.1 (OH)	MWD		
			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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,315.1	3.15	4.55	3,314.9	8.6	0.7	1.00	1.00	0.00	4.55	
12,004.7	3.15	4.55	11,991.4	484.7	38.5	0.00	0.00	0.00	0.00	
12,780.8	90.00	179.58	12,495.0	8.0	44.5	12.00	11.19	22.55	175.02	
22,575.1	90.00	179.58	12,495.0	-9,786.0	117.0	0.00	0.00	0.00	0.00	PBHL(Con 28 ST Co

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #704H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3551.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3551.0usft
Site:	Convoy 28 State Com	North Reference:	Grid
Well:	#704H	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	1.00	4.55	3,100.0	0.9	0.1	-0.9	1.00	1.00	0.00
3,200.0	2.00	4.55	3,200.0	3.5	0.3	-3.5	1.00	1.00	0.00
3,300.0	3.00	4.55	3,299.9	7.8	0.6	-7.8	1.00	1.00	0.00
3,315.1	3.15	4.55	3,314.9	8.6	0.7	-8.6	1.00	1.00	0.00
3,400.0	3.15	4.55	3,399.7	13.3	1.1	-13.3	0.00	0.00	0.00
3,500.0	3.15	4.55	3,499.6	18.8	1.5	-18.7	0.00	0.00	0.00
3,600.0	3.15	4.55	3,599.4	24.2	1.9	-24.2	0.00	0.00	0.00
3,700.0	3.15	4.55	3,699.3	29.7	2.4	-29.7	0.00	0.00	0.00
3,800.0	3.15	4.55	3,799.1	35.2	2.8	-35.2	0.00	0.00	0.00
3,900.0	3.15	4.55	3,899.0	40.7	3.2	-40.6	0.00	0.00	0.00
4,000.0	3.15	4.55	3,998.8	46.2	3.7	-46.1	0.00	0.00	0.00
4,100.0	3.15	4.55	4,098.7	51.6	4.1	-51.6	0.00	0.00	0.00
4,200.0	3.15	4.55	4,198.5	57.1	4.5	-57.1	0.00	0.00	0.00
4,300.0	3.15	4.55	4,298.4	62.6	5.0	-62.5	0.00	0.00	0.00
4,400.0	3.15	4.55	4,398.2	68.1	5.4	-68.0	0.00	0.00	0.00
4,500.0	3.15	4.55	4,498.0	73.6	5.8	-73.5	0.00	0.00	0.00
4,600.0	3.15	4.55	4,597.9	79.0	6.3	-79.0	0.00	0.00	0.00
4,700.0	3.15	4.55	4,697.7	84.5	6.7	-84.4	0.00	0.00	0.00
4,800.0	3.15	4.55	4,797.6	90.0	7.2	-89.9	0.00	0.00	0.00
4,900.0	3.15	4.55	4,897.4	95.5	7.6	-95.4	0.00	0.00	0.00
5,000.0	3.15	4.55	4,997.3	101.0	8.0	-100.8	0.00	0.00	0.00
5,100.0	3.15	4.55	5,097.1	106.4	8.5	-106.3	0.00	0.00	0.00
5,200.0	3.15	4.55	5,197.0	111.9	8.9	-111.8	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #704H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3551.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3551.0usft
Site:	Convoy 28 State Com	North Reference:	Grid
Well:	#704H	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)
5,300.0	3.15	4.55	5,296.8	117.4	9.3	-117.3	0.00	0.00	0.00
5,400.0	3.15	4.55	5,396.7	122.9	9.8	-122.7	0.00	0.00	0.00
5,500.0	3.15	4.55	5,496.5	128.3	10.2	-128.2	0.00	0.00	0.00
5,600.0	3.15	4.55	5,596.4	133.8	10.6	-133.7	0.00	0.00	0.00
5,700.0	3.15	4.55	5,696.2	139.3	11.1	-139.2	0.00	0.00	0.00
5,800.0	3.15	4.55	5,796.1	144.8	11.5	-144.6	0.00	0.00	0.00
5,900.0	3.15	4.55	5,895.9	150.3	11.9	-150.1	0.00	0.00	0.00
6,000.0	3.15	4.55	5,995.8	155.7	12.4	-155.6	0.00	0.00	0.00
6,100.0	3.15	4.55	6,095.6	161.2	12.8	-161.1	0.00	0.00	0.00
6,200.0	3.15	4.55	6,195.5	166.7	13.3	-166.5	0.00	0.00	0.00
6,300.0	3.15	4.55	6,295.3	172.2	13.7	-172.0	0.00	0.00	0.00
6,400.0	3.15	4.55	6,395.2	177.7	14.1	-177.5	0.00	0.00	0.00
6,500.0	3.15	4.55	6,495.0	183.1	14.6	-183.0	0.00	0.00	0.00
6,600.0	3.15	4.55	6,594.9	188.6	15.0	-188.4	0.00	0.00	0.00
6,700.0	3.15	4.55	6,694.7	194.1	15.4	-193.9	0.00	0.00	0.00
6,800.0	3.15	4.55	6,794.6	199.6	15.9	-199.4	0.00	0.00	0.00
6,900.0	3.15	4.55	6,894.4	205.1	16.3	-204.8	0.00	0.00	0.00
7,000.0	3.15	4.55	6,994.3	210.5	16.7	-210.3	0.00	0.00	0.00
7,100.0	3.15	4.55	7,094.1	216.0	17.2	-215.8	0.00	0.00	0.00
7,200.0	3.15	4.55	7,194.0	221.5	17.6	-221.3	0.00	0.00	0.00
7,300.0	3.15	4.55	7,293.8	227.0	18.0	-226.7	0.00	0.00	0.00
7,400.0	3.15	4.55	7,393.7	232.5	18.5	-232.2	0.00	0.00	0.00
7,500.0	3.15	4.55	7,493.5	237.9	18.9	-237.7	0.00	0.00	0.00
7,600.0	3.15	4.55	7,593.4	243.4	19.4	-243.2	0.00	0.00	0.00
7,700.0	3.15	4.55	7,693.2	248.9	19.8	-248.6	0.00	0.00	0.00
7,800.0	3.15	4.55	7,793.1	254.4	20.2	-254.1	0.00	0.00	0.00
7,900.0	3.15	4.55	7,892.9	259.8	20.7	-259.6	0.00	0.00	0.00
8,000.0	3.15	4.55	7,992.8	265.3	21.1	-265.1	0.00	0.00	0.00
8,100.0	3.15	4.55	8,092.6	270.8	21.5	-270.5	0.00	0.00	0.00
8,200.0	3.15	4.55	8,192.5	276.3	22.0	-276.0	0.00	0.00	0.00
8,300.0	3.15	4.55	8,292.3	281.8	22.4	-281.5	0.00	0.00	0.00
8,400.0	3.15	4.55	8,392.2	287.2	22.8	-286.9	0.00	0.00	0.00
8,500.0	3.15	4.55	8,492.0	292.7	23.3	-292.4	0.00	0.00	0.00
8,600.0	3.15	4.55	8,591.9	298.2	23.7	-297.9	0.00	0.00	0.00
8,700.0	3.15	4.55	8,691.7	303.7	24.1	-303.4	0.00	0.00	0.00
8,800.0	3.15	4.55	8,791.5	309.2	24.6	-308.8	0.00	0.00	0.00
8,900.0	3.15	4.55	8,891.4	314.6	25.0	-314.3	0.00	0.00	0.00
9,000.0	3.15	4.55	8,991.2	320.1	25.5	-319.8	0.00	0.00	0.00
9,100.0	3.15	4.55	9,091.1	325.6	25.9	-325.3	0.00	0.00	0.00
9,200.0	3.15	4.55	9,190.9	331.1	26.3	-330.7	0.00	0.00	0.00
9,300.0	3.15	4.55	9,290.8	336.6	26.8	-336.2	0.00	0.00	0.00
9,400.0	3.15	4.55	9,390.6	342.0	27.2	-341.7	0.00	0.00	0.00
9,500.0	3.15	4.55	9,490.5	347.5	27.6	-347.2	0.00	0.00	0.00
9,600.0	3.15	4.55	9,590.3	353.0	28.1	-352.6	0.00	0.00	0.00
9,700.0	3.15	4.55	9,690.2	358.5	28.5	-358.1	0.00	0.00	0.00
9,800.0	3.15	4.55	9,790.0	364.0	28.9	-363.6	0.00	0.00	0.00
9,900.0	3.15	4.55	9,889.9	369.4	29.4	-369.1	0.00	0.00	0.00
10,000.0	3.15	4.55	9,989.7	374.9	29.8	-374.5	0.00	0.00	0.00
10,100.0	3.15	4.55	10,089.6	380.4	30.2	-380.0	0.00	0.00	0.00
10,200.0	3.15	4.55	10,189.4	385.9	30.7	-385.5	0.00	0.00	0.00
10,300.0	3.15	4.55	10,289.3	391.3	31.1	-390.9	0.00	0.00	0.00
10,400.0	3.15	4.55	10,389.1	396.8	31.6	-396.4	0.00	0.00	0.00
10,500.0	3.15	4.55	10,489.0	402.3	32.0	-401.9	0.00	0.00	0.00
10,600.0	3.15	4.55	10,588.8	407.8	32.4	-407.4	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Convoy 28 State Com
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #704H
KB = 25 @ 3551.0usft
KB = 25 @ 3551.0usft
Grid
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)
10,700.0	3.15	4.55	10,688.7	413.3	32.9	-412.8	0.00	0.00	0.00
10,800.0	3.15	4.55	10,788.5	418.7	33.3	-418.3	0.00	0.00	0.00
10,900.0	3.15	4.55	10,888.4	424.2	33.7	-423.8	0.00	0.00	0.00
11,000.0	3.15	4.55	10,988.2	429.7	34.2	-429.3	0.00	0.00	0.00
11,100.0	3.15	4.55	11,088.1	435.2	34.6	-434.7	0.00	0.00	0.00
11,200.0	3.15	4.55	11,187.9	440.7	35.0	-440.2	0.00	0.00	0.00
11,300.0	3.15	4.55	11,287.8	446.1	35.5	-445.7	0.00	0.00	0.00
11,400.0	3.15	4.55	11,387.6	451.6	35.9	-451.2	0.00	0.00	0.00
11,500.0	3.15	4.55	11,487.5	457.1	36.3	-456.6	0.00	0.00	0.00
11,600.0	3.15	4.55	11,587.3	462.6	36.8	-462.1	0.00	0.00	0.00
11,700.0	3.15	4.55	11,687.2	468.1	37.2	-467.6	0.00	0.00	0.00
11,800.0	3.15	4.55	11,787.0	473.5	37.7	-473.0	0.00	0.00	0.00
11,900.0	3.15	4.55	11,886.9	479.0	38.1	-478.5	0.00	0.00	0.00
12,004.7	3.15	4.55	11,991.4	484.7	38.5	-484.3	0.00	0.00	0.00
12,025.0	0.75	20.85	12,011.7	485.4	38.6	-484.9	12.00	-11.81	80.28
12,050.0	2.31	172.80	12,036.7	485.1	38.8	-484.6	12.00	6.24	607.79
12,075.0	5.31	176.63	12,061.6	483.4	38.9	-482.9	12.00	11.96	15.33
12,100.0	8.30	177.70	12,086.4	480.5	39.0	-480.0	12.00	11.99	4.29
12,125.0	11.30	178.21	12,111.1	476.2	39.2	-475.7	12.00	12.00	2.02
12,150.0	14.30	178.50	12,135.5	470.7	39.3	-470.2	12.00	12.00	1.18
12,175.0	17.30	178.70	12,159.5	463.9	39.5	-463.4	12.00	12.00	0.78
12,200.0	20.30	178.84	12,183.2	455.8	39.7	-455.3	12.00	12.00	0.55
12,225.0	23.30	178.94	12,206.4	446.5	39.9	-446.0	12.00	12.00	0.42
12,250.0	26.30	179.02	12,229.1	436.1	40.0	-435.5	12.00	12.00	0.33
12,275.0	29.30	179.09	12,251.2	424.4	40.2	-423.9	12.00	12.00	0.26
12,300.0	32.30	179.14	12,272.7	411.6	40.4	-411.1	12.00	12.00	0.22
12,325.0	35.30	179.19	12,293.4	397.7	40.6	-397.2	12.00	12.00	0.19
12,350.0	38.30	179.23	12,313.4	382.7	40.8	-382.2	12.00	12.00	0.16
12,375.0	41.30	179.26	12,332.7	366.7	41.1	-366.2	12.00	12.00	0.14
12,400.0	44.30	179.30	12,351.0	349.7	41.3	-349.2	12.00	12.00	0.12
12,425.0	47.30	179.32	12,368.4	331.8	41.5	-331.3	12.00	12.00	0.11
12,450.0	50.30	179.35	12,384.9	313.0	41.7	-312.5	12.00	12.00	0.10
12,475.0	53.30	179.37	12,400.3	293.4	41.9	-292.9	12.00	12.00	0.09
12,500.0	56.30	179.39	12,414.8	273.0	42.1	-272.4	12.00	12.00	0.09
12,525.0	59.30	179.41	12,428.1	251.8	42.4	-251.3	12.00	12.00	0.08
12,550.0	62.30	179.43	12,440.3	230.0	42.6	-229.5	12.00	12.00	0.08
12,575.0	65.30	179.45	12,451.3	207.6	42.8	-207.0	12.00	12.00	0.07
12,600.0	68.30	179.47	12,461.2	184.6	43.0	-184.1	12.00	12.00	0.07
12,625.0	71.30	179.48	12,469.8	161.1	43.2	-160.6	12.00	12.00	0.07
12,650.0	74.30	179.50	12,477.2	137.2	43.4	-136.7	12.00	12.00	0.06
12,675.0	77.30	179.51	12,483.3	113.0	43.6	-112.5	12.00	12.00	0.06
12,700.0	80.30	179.53	12,488.2	88.5	43.9	-88.0	12.00	12.00	0.06
12,725.0	83.30	179.54	12,491.7	63.8	44.1	-63.2	12.00	12.00	0.06
12,750.0	86.30	179.56	12,494.0	38.9	44.2	-38.3	12.00	12.00	0.06
12,775.0	89.30	179.57	12,495.0	13.9	44.4	-13.3	12.00	12.00	0.06
12,780.8	90.00	179.58	12,495.0	8.0	44.5	-7.5	12.00	12.00	0.06
12,800.0	90.00	179.58	12,495.0	-11.1	44.6	11.7	0.00	0.00	0.00
12,900.0	90.00	179.58	12,495.0	-111.1	45.4	111.7	0.00	0.00	0.00
13,000.0	90.00	179.58	12,495.0	-211.1	46.1	211.6	0.00	0.00	0.00
13,100.0	90.00	179.58	12,495.0	-311.1	46.8	311.6	0.00	0.00	0.00
13,200.0	90.00	179.58	12,495.0	-411.1	47.6	411.6	0.00	0.00	0.00
13,300.0	90.00	179.58	12,495.0	-511.1	48.3	511.6	0.00	0.00	0.00
13,400.0	90.00	179.58	12,495.0	-611.1	49.1	611.6	0.00	0.00	0.00
13,500.0	90.00	179.58	12,495.0	-711.1	49.8	711.6	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Convoy 28 State Com
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #704H
KB = 25 @ 3551.0usft
KB = 25 @ 3551.0usft
Grid
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)
13,600.0	90.00	179.58	12,495.0	-811.1	50.5	811.6	0.00	0.00	0.00
13,700.0	90.00	179.58	12,495.0	-911.1	51.3	911.6	0.00	0.00	0.00
13,800.0	90.00	179.58	12,495.0	-1,011.1	52.0	1,011.6	0.00	0.00	0.00
13,900.0	90.00	179.58	12,495.0	-1,111.1	52.8	1,111.6	0.00	0.00	0.00
14,000.0	90.00	179.58	12,495.0	-1,211.1	53.5	1,211.6	0.00	0.00	0.00
14,100.0	90.00	179.58	12,495.0	-1,311.1	54.2	1,311.6	0.00	0.00	0.00
14,200.0	90.00	179.58	12,495.0	-1,411.1	55.0	1,411.6	0.00	0.00	0.00
14,300.0	90.00	179.58	12,495.0	-1,511.1	55.7	1,511.6	0.00	0.00	0.00
14,400.0	90.00	179.58	12,495.0	-1,611.1	56.5	1,611.6	0.00	0.00	0.00
14,500.0	90.00	179.58	12,495.0	-1,711.1	57.2	1,711.6	0.00	0.00	0.00
14,600.0	90.00	179.58	12,495.0	-1,811.1	58.0	1,811.6	0.00	0.00	0.00
14,700.0	90.00	179.58	12,495.0	-1,911.1	58.7	1,911.6	0.00	0.00	0.00
14,800.0	90.00	179.58	12,495.0	-2,011.1	59.4	2,011.6	0.00	0.00	0.00
14,900.0	90.00	179.58	12,495.0	-2,111.1	60.2	2,111.6	0.00	0.00	0.00
15,000.0	90.00	179.58	12,495.0	-2,211.1	60.9	2,211.6	0.00	0.00	0.00
15,100.0	90.00	179.58	12,495.0	-2,311.1	61.7	2,311.6	0.00	0.00	0.00
15,200.0	90.00	179.58	12,495.0	-2,411.1	62.4	2,411.6	0.00	0.00	0.00
15,300.0	90.00	179.58	12,495.0	-2,511.1	63.1	2,511.6	0.00	0.00	0.00
15,400.0	90.00	179.58	12,495.0	-2,611.0	63.9	2,611.6	0.00	0.00	0.00
15,500.0	90.00	179.58	12,495.0	-2,711.0	64.6	2,711.6	0.00	0.00	0.00
15,600.0	90.00	179.58	12,495.0	-2,811.0	65.4	2,811.6	0.00	0.00	0.00
15,700.0	90.00	179.58	12,495.0	-2,911.0	66.1	2,911.6	0.00	0.00	0.00
15,800.0	90.00	179.58	12,495.0	-3,011.0	66.8	3,011.6	0.00	0.00	0.00
15,900.0	90.00	179.58	12,495.0	-3,111.0	67.6	3,111.6	0.00	0.00	0.00
16,000.0	90.00	179.58	12,495.0	-3,211.0	68.3	3,211.6	0.00	0.00	0.00
16,100.0	90.00	179.58	12,495.0	-3,311.0	69.1	3,311.6	0.00	0.00	0.00
16,200.0	90.00	179.58	12,495.0	-3,411.0	69.8	3,411.6	0.00	0.00	0.00
16,300.0	90.00	179.58	12,495.0	-3,511.0	70.5	3,511.6	0.00	0.00	0.00
16,400.0	90.00	179.58	12,495.0	-3,611.0	71.3	3,611.6	0.00	0.00	0.00
16,500.0	90.00	179.58	12,495.0	-3,711.0	72.0	3,711.6	0.00	0.00	0.00
16,600.0	90.00	179.58	12,495.0	-3,811.0	72.8	3,811.6	0.00	0.00	0.00
16,700.0	90.00	179.58	12,495.0	-3,911.0	73.5	3,911.6	0.00	0.00	0.00
16,800.0	90.00	179.58	12,495.0	-4,011.0	74.2	4,011.6	0.00	0.00	0.00
16,900.0	90.00	179.58	12,495.0	-4,111.0	75.0	4,111.6	0.00	0.00	0.00
17,000.0	90.00	179.58	12,495.0	-4,211.0	75.7	4,211.6	0.00	0.00	0.00
17,100.0	90.00	179.58	12,495.0	-4,311.0	76.5	4,311.6	0.00	0.00	0.00
17,200.0	90.00	179.58	12,495.0	-4,411.0	77.2	4,411.6	0.00	0.00	0.00
17,300.0	90.00	179.58	12,495.0	-4,511.0	77.9	4,511.6	0.00	0.00	0.00
17,400.0	90.00	179.58	12,495.0	-4,611.0	78.7	4,611.6	0.00	0.00	0.00
17,500.0	90.00	179.58	12,495.0	-4,711.0	79.4	4,711.6	0.00	0.00	0.00
17,600.0	90.00	179.58	12,495.0	-4,811.0	80.2	4,811.6	0.00	0.00	0.00
17,700.0	90.00	179.58	12,495.0	-4,911.0	80.9	4,911.6	0.00	0.00	0.00
17,800.0	90.00	179.58	12,495.0	-5,011.0	81.6	5,011.6	0.00	0.00	0.00
17,900.0	90.00	179.58	12,495.0	-5,111.0	82.4	5,111.6	0.00	0.00	0.00
18,000.0	90.00	179.58	12,495.0	-5,211.0	83.1	5,211.6	0.00	0.00	0.00
18,100.0	90.00	179.58	12,495.0	-5,311.0	83.9	5,311.6	0.00	0.00	0.00
18,200.0	90.00	179.58	12,495.0	-5,411.0	84.6	5,411.6	0.00	0.00	0.00
18,300.0	90.00	179.58	12,495.0	-5,511.0	85.3	5,511.6	0.00	0.00	0.00
18,400.0	90.00	179.58	12,495.0	-5,611.0	86.1	5,611.6	0.00	0.00	0.00
18,500.0	90.00	179.58	12,495.0	-5,711.0	86.8	5,711.6	0.00	0.00	0.00
18,600.0	90.00	179.58	12,495.0	-5,811.0	87.6	5,811.6	0.00	0.00	0.00
18,700.0	90.00	179.58	12,495.0	-5,911.0	88.3	5,911.6	0.00	0.00	0.00
18,800.0	90.00	179.58	12,495.0	-6,011.0	89.0	6,011.6	0.00	0.00	0.00
18,900.0	90.00	179.58	12,495.0	-6,111.0	89.8	6,111.6	0.00	0.00	0.00

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Convoy 28 State Com
Well: #704H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #704H
TVD Reference: KB = 25 @ 3551.0usft
MD Reference: KB = 25 @ 3551.0usft
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)
19,000.0	90.00	179.58	12,495.0	-6,210.9	90.5	6,211.6	0.00	0.00	0.00
19,100.0	90.00	179.58	12,495.0	-6,310.9	91.3	6,311.6	0.00	0.00	0.00
19,200.0	90.00	179.58	12,495.0	-6,410.9	92.0	6,411.6	0.00	0.00	0.00
19,300.0	90.00	179.58	12,495.0	-6,510.9	92.8	6,511.6	0.00	0.00	0.00
19,400.0	90.00	179.58	12,495.0	-6,610.9	93.5	6,611.6	0.00	0.00	0.00
19,500.0	90.00	179.58	12,495.0	-6,710.9	94.2	6,711.6	0.00	0.00	0.00
19,600.0	90.00	179.58	12,495.0	-6,810.9	95.0	6,811.6	0.00	0.00	0.00
19,700.0	90.00	179.58	12,495.0	-6,910.9	95.7	6,911.6	0.00	0.00	0.00
19,800.0	90.00	179.58	12,495.0	-7,010.9	96.5	7,011.6	0.00	0.00	0.00
19,900.0	90.00	179.58	12,495.0	-7,110.9	97.2	7,111.6	0.00	0.00	0.00
20,000.0	90.00	179.58	12,495.0	-7,210.9	97.9	7,211.6	0.00	0.00	0.00
20,100.0	90.00	179.58	12,495.0	-7,310.9	98.7	7,311.6	0.00	0.00	0.00
20,200.0	90.00	179.58	12,495.0	-7,410.9	99.4	7,411.6	0.00	0.00	0.00
20,300.0	90.00	179.58	12,495.0	-7,510.9	100.2	7,511.6	0.00	0.00	0.00
20,400.0	90.00	179.58	12,495.0	-7,610.9	100.9	7,611.6	0.00	0.00	0.00
20,500.0	90.00	179.58	12,495.0	-7,710.9	101.6	7,711.6	0.00	0.00	0.00
20,600.0	90.00	179.58	12,495.0	-7,810.9	102.4	7,811.6	0.00	0.00	0.00
20,700.0	90.00	179.58	12,495.0	-7,910.9	103.1	7,911.6	0.00	0.00	0.00
20,800.0	90.00	179.58	12,495.0	-8,010.9	103.9	8,011.6	0.00	0.00	0.00
20,900.0	90.00	179.58	12,495.0	-8,110.9	104.6	8,111.6	0.00	0.00	0.00
21,000.0	90.00	179.58	12,495.0	-8,210.9	105.3	8,211.6	0.00	0.00	0.00
21,100.0	90.00	179.58	12,495.0	-8,310.9	106.1	8,311.6	0.00	0.00	0.00
21,200.0	90.00	179.58	12,495.0	-8,410.9	106.8	8,411.6	0.00	0.00	0.00
21,300.0	90.00	179.58	12,495.0	-8,510.9	107.6	8,511.6	0.00	0.00	0.00
21,400.0	90.00	179.58	12,495.0	-8,610.9	108.3	8,611.6	0.00	0.00	0.00
21,500.0	90.00	179.58	12,495.0	-8,710.9	109.0	8,711.6	0.00	0.00	0.00
21,600.0	90.00	179.58	12,495.0	-8,810.9	109.8	8,811.6	0.00	0.00	0.00
21,700.0	90.00	179.58	12,495.0	-8,910.9	110.5	8,911.6	0.00	0.00	0.00
21,800.0	90.00	179.58	12,495.0	-9,010.9	111.3	9,011.6	0.00	0.00	0.00
21,900.0	90.00	179.58	12,495.0	-9,110.9	112.0	9,111.6	0.00	0.00	0.00
22,000.0	90.00	179.58	12,495.0	-9,210.9	112.7	9,211.6	0.00	0.00	0.00
22,100.0	90.00	179.58	12,495.0	-9,310.9	113.5	9,311.6	0.00	0.00	0.00
22,200.0	90.00	179.58	12,495.0	-9,410.9	114.2	9,411.6	0.00	0.00	0.00
22,300.0	90.00	179.58	12,495.0	-9,510.9	115.0	9,511.6	0.00	0.00	0.00
22,400.0	90.00	179.58	12,495.0	-9,610.9	115.7	9,611.6	0.00	0.00	0.00
22,500.0	90.00	179.58	12,495.0	-9,710.9	116.4	9,711.6	0.00	0.00	0.00
22,575.1	90.00	179.58	12,495.0	-9,786.0	117.0	9,786.7	0.00	0.00	0.00

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
PBHL(Con 28 ST Com : - plan hits target center - Point	0.00	0.00	12,495.0	-9,786.0	117.0	425,497.00	776,344.00	32° 10' 2.963 N	103° 34' 25.840 W
FTP(Con 28 ST Com #7 - plan misses target center by 40.2usft at 12591.8usft MD (12458.1 TVD, 192.2 N, 42.9 E) - Point	0.00	0.00	12,495.0	208.0	43.0	435,491.00	776,270.00	32° 11' 41.861 N	103° 34' 25.880 W