



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#504Y

OH

Plan: Plan #0.1

Standard Planning Report

04 April, 2018



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Bandit 29 State Com
Well: #504Y
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #504Y
TVD Reference: KB = 25 @ 3558.0usft
MD Reference: KB = 25 @ 3558.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project Lea County, NM (NAD 83 NME)

Map System: US State Plane 1983
Geo Datum: North American Datum 1983
Map Zone: New Mexico Eastern Zone

System Datum: Mean Sea Level

Site Bandit 29 State Com

Site Position: Northing: 435,375.00 usft Latitude: 32° 11' 41.017 N
From: Map Easting: 771,884.00 usft Longitude: 103° 35' 16.930 W
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16" Grid Convergence: 0.40°

Well #504Y

Well Position +N/-S 6.0 usft Northing: 435,381.00 usft Latitude: 32° 11' 41.180 N
 +E/-W -1,511.0 usft Easting: 770,373.00 usft Longitude: 103° 35' 34.513 W
Position Uncertainty 0.0 usft Wellhead Elevation: Ground Level: 3,533.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/1/2018	6.89	60.02	47,845.34045153

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	182.57

Plan Survey Tool Program Date 4/4/2018

Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	18,586.5 Plan #0.1 (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	
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,442.9	4.43	313.75	4,442.4	11.8	-12.4	1.00	1.00	0.00	313.75	
10,661.6	4.43	313.75	10,642.6	343.9	-359.2	0.00	0.00	0.00	0.00	
11,437.3	90.00	179.55	11,145.0	-133.1	-383.3	12.00	11.03	-17.30	-134.12	
18,586.5	90.00	179.55	11,145.0	-7,282.0	-327.0	0.00	0.00	0.00	0.00	PBHL(Bandit 29 St C)



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 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)
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	0.00	0.00	3,100.0	0.0	0.0	0.0	0.00	0.00	0.00
3,200.0	0.00	0.00	3,200.0	0.0	0.0	0.0	0.00	0.00	0.00
3,300.0	0.00	0.00	3,300.0	0.0	0.0	0.0	0.00	0.00	0.00
3,400.0	0.00	0.00	3,400.0	0.0	0.0	0.0	0.00	0.00	0.00
3,500.0	0.00	0.00	3,500.0	0.0	0.0	0.0	0.00	0.00	0.00
3,600.0	0.00	0.00	3,600.0	0.0	0.0	0.0	0.00	0.00	0.00
3,700.0	0.00	0.00	3,700.0	0.0	0.0	0.0	0.00	0.00	0.00
3,800.0	0.00	0.00	3,800.0	0.0	0.0	0.0	0.00	0.00	0.00
3,900.0	0.00	0.00	3,900.0	0.0	0.0	0.0	0.00	0.00	0.00
4,000.0	0.00	0.00	4,000.0	0.0	0.0	0.0	0.00	0.00	0.00
4,100.0	1.00	313.75	4,100.0	0.6	-0.6	-0.6	1.00	1.00	0.00
4,200.0	2.00	313.75	4,200.0	2.4	-2.5	-2.3	1.00	1.00	0.00
4,300.0	3.00	313.75	4,299.9	5.4	-5.7	-5.2	1.00	1.00	0.00
4,400.0	4.00	313.75	4,399.7	9.7	-10.1	-9.2	1.00	1.00	0.00
4,442.9	4.43	313.75	4,442.4	11.8	-12.4	-11.3	1.00	1.00	0.00
4,500.0	4.43	313.75	4,499.4	14.9	-15.5	-14.2	0.00	0.00	0.00
4,600.0	4.43	313.75	4,599.1	20.2	-21.1	-19.3	0.00	0.00	0.00
4,700.0	4.43	313.75	4,698.8	25.6	-26.7	-24.3	0.00	0.00	0.00
4,800.0	4.43	313.75	4,798.5	30.9	-32.3	-29.4	0.00	0.00	0.00
4,900.0	4.43	313.75	4,898.2	36.2	-37.9	-34.5	0.00	0.00	0.00
5,000.0	4.43	313.75	4,997.9	41.6	-43.4	-39.6	0.00	0.00	0.00
5,100.0	4.43	313.75	5,097.6	46.9	-49.0	-44.7	0.00	0.00	0.00
5,200.0	4.43	313.75	5,197.3	52.3	-54.6	-49.8	0.00	0.00	0.00



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5,300.0	4.43	313.75	5,297.0	57.6	-60.2	-54.8	0.00	0.00	0.00
5,400.0	4.43	313.75	5,396.7	62.9	-65.7	-59.9	0.00	0.00	0.00
5,500.0	4.43	313.75	5,496.4	68.3	-71.3	-65.0	0.00	0.00	0.00
5,600.0	4.43	313.75	5,596.1	73.6	-76.9	-70.1	0.00	0.00	0.00
5,700.0	4.43	313.75	5,695.8	79.0	-82.5	-75.2	0.00	0.00	0.00
5,800.0	4.43	313.75	5,795.5	84.3	-88.1	-80.3	0.00	0.00	0.00
5,900.0	4.43	313.75	5,895.2	89.6	-93.6	-85.3	0.00	0.00	0.00
6,000.0	4.43	313.75	5,994.9	95.0	-99.2	-90.4	0.00	0.00	0.00
6,100.0	4.43	313.75	6,094.6	100.3	-104.8	-95.5	0.00	0.00	0.00
6,200.0	4.43	313.75	6,194.3	105.7	-110.4	-100.6	0.00	0.00	0.00
6,300.0	4.43	313.75	6,294.0	111.0	-115.9	-105.7	0.00	0.00	0.00
6,400.0	4.43	313.75	6,393.7	116.3	-121.5	-110.8	0.00	0.00	0.00
6,500.0	4.43	313.75	6,493.4	121.7	-127.1	-115.9	0.00	0.00	0.00
6,600.0	4.43	313.75	6,593.1	127.0	-132.7	-120.9	0.00	0.00	0.00
6,700.0	4.43	313.75	6,692.8	132.4	-138.2	-126.0	0.00	0.00	0.00
6,800.0	4.43	313.75	6,792.5	137.7	-143.8	-131.1	0.00	0.00	0.00
6,900.0	4.43	313.75	6,892.2	143.0	-149.4	-136.2	0.00	0.00	0.00
7,000.0	4.43	313.75	6,991.9	148.4	-155.0	-141.3	0.00	0.00	0.00
7,100.0	4.43	313.75	7,091.6	153.7	-160.6	-146.4	0.00	0.00	0.00
7,200.0	4.43	313.75	7,191.3	159.1	-166.1	-151.4	0.00	0.00	0.00
7,300.0	4.43	313.75	7,291.0	164.4	-171.7	-156.5	0.00	0.00	0.00
7,400.0	4.43	313.75	7,390.7	169.7	-177.3	-161.6	0.00	0.00	0.00
7,500.0	4.43	313.75	7,490.4	175.1	-182.9	-166.7	0.00	0.00	0.00
7,600.0	4.43	313.75	7,590.1	180.4	-188.4	-171.8	0.00	0.00	0.00
7,700.0	4.43	313.75	7,689.8	185.8	-194.0	-176.9	0.00	0.00	0.00
7,800.0	4.43	313.75	7,789.5	191.1	-199.6	-181.9	0.00	0.00	0.00
7,900.0	4.43	313.75	7,889.2	196.4	-205.2	-187.0	0.00	0.00	0.00
8,000.0	4.43	313.75	7,988.9	201.8	-210.8	-192.1	0.00	0.00	0.00
8,100.0	4.43	313.75	8,088.6	207.1	-216.3	-197.2	0.00	0.00	0.00
8,200.0	4.43	313.75	8,188.3	212.5	-221.9	-202.3	0.00	0.00	0.00
8,300.0	4.43	313.75	8,288.0	217.8	-227.5	-207.4	0.00	0.00	0.00
8,400.0	4.43	313.75	8,387.7	223.1	-233.1	-212.5	0.00	0.00	0.00
8,500.0	4.43	313.75	8,487.4	228.5	-238.6	-217.5	0.00	0.00	0.00
8,600.0	4.43	313.75	8,587.1	233.8	-244.2	-222.6	0.00	0.00	0.00
8,700.0	4.43	313.75	8,686.8	239.2	-249.8	-227.7	0.00	0.00	0.00
8,800.0	4.43	313.75	8,786.6	244.5	-255.4	-232.8	0.00	0.00	0.00
8,900.0	4.43	313.75	8,886.3	249.8	-261.0	-237.9	0.00	0.00	0.00
9,000.0	4.43	313.75	8,986.0	255.2	-266.5	-243.0	0.00	0.00	0.00
9,100.0	4.43	313.75	9,085.7	260.5	-272.1	-248.0	0.00	0.00	0.00
9,200.0	4.43	313.75	9,185.4	265.9	-277.7	-253.1	0.00	0.00	0.00
9,300.0	4.43	313.75	9,285.1	271.2	-283.3	-258.2	0.00	0.00	0.00
9,400.0	4.43	313.75	9,384.8	276.5	-288.8	-263.3	0.00	0.00	0.00
9,500.0	4.43	313.75	9,484.5	281.9	-294.4	-268.4	0.00	0.00	0.00
9,600.0	4.43	313.75	9,584.2	287.2	-300.0	-273.5	0.00	0.00	0.00
9,700.0	4.43	313.75	9,683.9	292.6	-305.6	-278.5	0.00	0.00	0.00
9,800.0	4.43	313.75	9,783.6	297.9	-311.2	-283.6	0.00	0.00	0.00
9,900.0	4.43	313.75	9,883.3	303.2	-316.7	-288.7	0.00	0.00	0.00
10,000.0	4.43	313.75	9,983.0	308.6	-322.3	-293.8	0.00	0.00	0.00
10,100.0	4.43	313.75	10,082.7	313.9	-327.9	-298.9	0.00	0.00	0.00
10,200.0	4.43	313.75	10,182.4	319.2	-333.5	-304.0	0.00	0.00	0.00
10,300.0	4.43	313.75	10,282.1	324.6	-339.0	-309.1	0.00	0.00	0.00
10,400.0	4.43	313.75	10,381.8	329.9	-344.6	-314.1	0.00	0.00	0.00
10,500.0	4.43	313.75	10,481.5	335.3	-350.2	-319.2	0.00	0.00	0.00
10,600.0	4.43	313.75	10,581.2	340.6	-355.8	-324.3	0.00	0.00	0.00



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10,661.6	4.43	313.75	10,642.6	343.9	-359.2	-327.4	0.00	0.00	0.00
10,675.0	3.50	294.53	10,656.0	344.4	-360.0	-327.9	12.00	-6.90	-143.58
10,700.0	3.52	243.96	10,680.9	344.4	-361.3	-327.8	12.00	0.07	-202.28
10,725.0	5.52	214.58	10,705.8	343.1	-362.7	-326.5	12.00	8.01	-117.51
10,750.0	8.16	202.33	10,730.7	340.4	-364.1	-323.8	12.00	10.55	-49.03
10,775.0	10.98	196.17	10,755.3	336.5	-365.4	-319.8	12.00	11.30	-24.63
10,800.0	13.88	192.53	10,779.7	331.3	-366.7	-314.5	12.00	11.59	-14.55
10,825.0	16.82	190.13	10,803.8	324.8	-368.0	-308.0	12.00	11.73	-9.58
10,850.0	19.77	188.44	10,827.6	317.1	-369.3	-300.2	12.00	11.81	-6.80
10,875.0	22.73	187.16	10,850.9	308.1	-370.5	-291.2	12.00	11.86	-5.09
10,900.0	25.70	186.17	10,873.7	297.9	-371.7	-280.9	12.00	11.89	-3.97
10,925.0	28.68	185.37	10,895.9	286.5	-372.8	-269.5	12.00	11.91	-3.19
10,950.0	31.66	184.71	10,917.5	274.0	-373.9	-257.0	12.00	11.93	-2.64
10,975.0	34.65	184.16	10,938.4	260.4	-375.0	-243.3	12.00	11.94	-2.23
11,000.0	37.64	183.68	10,958.6	245.7	-376.0	-228.6	12.00	11.95	-1.92
11,025.0	40.62	183.26	10,978.0	229.9	-376.9	-212.8	12.00	11.95	-1.67
11,050.0	43.61	182.89	10,996.6	213.2	-377.8	-196.0	12.00	11.96	-1.48
11,075.0	46.60	182.56	11,014.2	195.5	-378.7	-178.3	12.00	11.96	-1.33
11,100.0	49.60	182.26	11,030.9	176.9	-379.5	-159.7	12.00	11.97	-1.20
11,125.0	52.59	181.98	11,046.6	157.5	-380.2	-140.3	12.00	11.97	-1.10
11,150.0	55.58	181.73	11,061.3	137.2	-380.8	-120.0	12.00	11.97	-1.01
11,175.0	58.57	181.49	11,074.8	116.3	-381.4	-99.0	12.00	11.97	-0.94
11,200.0	61.57	181.27	11,087.3	94.6	-381.9	-77.4	12.00	11.98	-0.89
11,225.0	64.56	181.06	11,098.6	72.3	-382.4	-55.1	12.00	11.98	-0.84
11,239.6	66.31	180.94	11,104.7	59.1	-382.6	-41.8	12.00	11.98	-0.80
FTP(Bandit 29 St Com #504H)									
11,250.0	67.56	180.86	11,108.8	49.5	-382.8	-32.3	12.00	11.98	-0.79
11,275.0	70.55	180.67	11,117.7	26.1	-383.1	-8.9	12.00	11.98	-0.76
11,300.0	73.55	180.49	11,125.4	2.4	-383.3	14.8	12.00	11.98	-0.74
11,325.0	76.54	180.31	11,131.9	-21.8	-383.5	39.0	12.00	11.98	-0.71
11,350.0	79.54	180.14	11,137.0	-46.2	-383.6	63.4	12.00	11.98	-0.70
11,375.0	82.53	179.97	11,140.9	-70.9	-383.6	88.1	12.00	11.98	-0.68
11,400.0	85.53	179.80	11,143.5	-95.8	-383.6	112.9	12.00	11.98	-0.67
11,425.0	88.52	179.63	11,144.8	-120.8	-383.4	137.8	12.00	11.98	-0.67
11,437.3	90.00	179.55	11,145.0	-133.1	-383.3	150.1	12.00	11.98	-0.67
11,500.0	90.00	179.55	11,145.0	-195.7	-382.9	212.7	0.00	0.00	0.00
11,600.0	90.00	179.55	11,145.0	-295.7	-382.1	312.6	0.00	0.00	0.00
11,700.0	90.00	179.55	11,145.0	-395.7	-381.3	412.4	0.00	0.00	0.00
11,800.0	90.00	179.55	11,145.0	-495.7	-380.5	512.3	0.00	0.00	0.00
11,900.0	90.00	179.55	11,145.0	-595.7	-379.7	612.2	0.00	0.00	0.00
12,000.0	90.00	179.55	11,145.0	-695.7	-378.9	712.0	0.00	0.00	0.00
12,100.0	90.00	179.55	11,145.0	-795.7	-378.1	811.9	0.00	0.00	0.00
12,200.0	90.00	179.55	11,145.0	-895.7	-377.3	911.8	0.00	0.00	0.00
12,300.0	90.00	179.55	11,145.0	-995.7	-376.5	1,011.6	0.00	0.00	0.00
12,400.0	90.00	179.55	11,145.0	-1,095.7	-375.8	1,111.5	0.00	0.00	0.00
12,500.0	90.00	179.55	11,145.0	-1,195.7	-375.0	1,211.3	0.00	0.00	0.00
12,600.0	90.00	179.55	11,145.0	-1,295.7	-374.2	1,311.2	0.00	0.00	0.00
12,700.0	90.00	179.55	11,145.0	-1,395.7	-373.4	1,411.1	0.00	0.00	0.00
12,800.0	90.00	179.55	11,145.0	-1,495.7	-372.6	1,510.9	0.00	0.00	0.00
12,900.0	90.00	179.55	11,145.0	-1,595.7	-371.8	1,610.8	0.00	0.00	0.00
13,000.0	90.00	179.55	11,145.0	-1,695.7	-371.0	1,710.6	0.00	0.00	0.00
13,100.0	90.00	179.55	11,145.0	-1,795.7	-370.2	1,810.5	0.00	0.00	0.00
13,200.0	90.00	179.55	11,145.0	-1,895.7	-369.5	1,910.4	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #504Y
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3558.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3558.0usft
Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#504Y	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)
13,300.0	90.00	179.55	11,145.0	-1,995.7	-368.7	2,010.2	0.00	0.00	0.00
13,400.0	90.00	179.55	11,145.0	-2,095.7	-367.9	2,110.1	0.00	0.00	0.00
13,500.0	90.00	179.55	11,145.0	-2,195.7	-367.1	2,209.9	0.00	0.00	0.00
13,600.0	90.00	179.55	11,145.0	-2,295.7	-366.3	2,309.8	0.00	0.00	0.00
13,700.0	90.00	179.55	11,145.0	-2,395.7	-365.5	2,409.7	0.00	0.00	0.00
13,800.0	90.00	179.55	11,145.0	-2,495.7	-364.7	2,509.5	0.00	0.00	0.00
13,900.0	90.00	179.55	11,145.0	-2,595.7	-363.9	2,609.4	0.00	0.00	0.00
14,000.0	90.00	179.55	11,145.0	-2,695.7	-363.1	2,709.2	0.00	0.00	0.00
14,100.0	90.00	179.55	11,145.0	-2,795.7	-362.4	2,809.1	0.00	0.00	0.00
14,200.0	90.00	179.55	11,145.0	-2,895.7	-361.6	2,909.0	0.00	0.00	0.00
14,300.0	90.00	179.55	11,145.0	-2,995.7	-360.8	3,008.8	0.00	0.00	0.00
14,400.0	90.00	179.55	11,145.0	-3,095.7	-360.0	3,108.7	0.00	0.00	0.00
14,500.0	90.00	179.55	11,145.0	-3,195.7	-359.2	3,208.6	0.00	0.00	0.00
14,600.0	90.00	179.55	11,145.0	-3,295.7	-358.4	3,308.4	0.00	0.00	0.00
14,700.0	90.00	179.55	11,145.0	-3,395.6	-357.6	3,408.3	0.00	0.00	0.00
14,800.0	90.00	179.55	11,145.0	-3,495.6	-356.8	3,508.1	0.00	0.00	0.00
14,900.0	90.00	179.55	11,145.0	-3,595.6	-356.1	3,608.0	0.00	0.00	0.00
15,000.0	90.00	179.55	11,145.0	-3,695.6	-355.3	3,707.9	0.00	0.00	0.00
15,100.0	90.00	179.55	11,145.0	-3,795.6	-354.5	3,807.7	0.00	0.00	0.00
15,200.0	90.00	179.55	11,145.0	-3,895.6	-353.7	3,907.6	0.00	0.00	0.00
15,300.0	90.00	179.55	11,145.0	-3,995.6	-352.9	4,007.4	0.00	0.00	0.00
15,400.0	90.00	179.55	11,145.0	-4,095.6	-352.1	4,107.3	0.00	0.00	0.00
15,500.0	90.00	179.55	11,145.0	-4,195.6	-351.3	4,207.2	0.00	0.00	0.00
15,600.0	90.00	179.55	11,145.0	-4,295.6	-350.5	4,307.0	0.00	0.00	0.00
15,700.0	90.00	179.55	11,145.0	-4,395.6	-349.7	4,406.9	0.00	0.00	0.00
15,800.0	90.00	179.55	11,145.0	-4,495.6	-349.0	4,506.7	0.00	0.00	0.00
15,900.0	90.00	179.55	11,145.0	-4,595.6	-348.2	4,606.6	0.00	0.00	0.00
16,000.0	90.00	179.55	11,145.0	-4,695.6	-347.4	4,706.5	0.00	0.00	0.00
16,100.0	90.00	179.55	11,145.0	-4,795.6	-346.6	4,806.3	0.00	0.00	0.00
16,200.0	90.00	179.55	11,145.0	-4,895.6	-345.8	4,906.2	0.00	0.00	0.00
16,300.0	90.00	179.55	11,145.0	-4,995.6	-345.0	5,006.0	0.00	0.00	0.00
16,400.0	90.00	179.55	11,145.0	-5,095.6	-344.2	5,105.9	0.00	0.00	0.00
16,500.0	90.00	179.55	11,145.0	-5,195.6	-343.4	5,205.8	0.00	0.00	0.00
16,600.0	90.00	179.55	11,145.0	-5,295.6	-342.7	5,305.6	0.00	0.00	0.00
16,700.0	90.00	179.55	11,145.0	-5,395.6	-341.9	5,405.5	0.00	0.00	0.00
16,800.0	90.00	179.55	11,145.0	-5,495.6	-341.1	5,505.4	0.00	0.00	0.00
16,900.0	90.00	179.55	11,145.0	-5,595.6	-340.3	5,605.2	0.00	0.00	0.00
17,000.0	90.00	179.55	11,145.0	-5,695.6	-339.5	5,705.1	0.00	0.00	0.00
17,100.0	90.00	179.55	11,145.0	-5,795.6	-338.7	5,804.9	0.00	0.00	0.00
17,200.0	90.00	179.55	11,145.0	-5,895.6	-337.9	5,904.8	0.00	0.00	0.00
17,300.0	90.00	179.55	11,145.0	-5,995.6	-337.1	6,004.7	0.00	0.00	0.00
17,400.0	90.00	179.55	11,145.0	-6,095.6	-336.4	6,104.5	0.00	0.00	0.00
17,500.0	90.00	179.55	11,145.0	-6,195.6	-335.6	6,204.4	0.00	0.00	0.00
17,600.0	90.00	179.55	11,145.0	-6,295.6	-334.8	6,304.2	0.00	0.00	0.00
17,700.0	90.00	179.55	11,145.0	-6,395.6	-334.0	6,404.1	0.00	0.00	0.00
17,800.0	90.00	179.55	11,145.0	-6,495.6	-333.2	6,504.0	0.00	0.00	0.00
17,900.0	90.00	179.55	11,145.0	-6,595.5	-332.4	6,603.8	0.00	0.00	0.00
18,000.0	90.00	179.55	11,145.0	-6,695.5	-331.6	6,703.7	0.00	0.00	0.00
18,100.0	90.00	179.55	11,145.0	-6,795.5	-330.8	6,803.5	0.00	0.00	0.00
18,200.0	90.00	179.55	11,145.0	-6,895.5	-330.0	6,903.4	0.00	0.00	0.00
18,300.0	90.00	179.55	11,145.0	-6,995.5	-329.3	7,003.3	0.00	0.00	0.00
18,400.0	90.00	179.55	11,145.0	-7,095.5	-328.5	7,103.1	0.00	0.00	0.00
18,500.0	90.00	179.55	11,145.0	-7,195.5	-327.7	7,203.0	0.00	0.00	0.00
18,586.5	90.00	179.55	11,145.0	-7,282.0	-327.0	7,289.3	0.00	0.00	0.00



Planning Report

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Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3558.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3558.0usft
Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#504Y	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)
PBHL(Bandit 29 St Com #504H)									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
PBHL(Bandit 29 St Com	0.00	0.00	11,145.0	-7,282.0	-327.0	428,099.00	770,046.00	32° 10' 29.144 N	103° 35' 38.900 W
- plan hits target center									
- Point									
FTP(Bandit 29 St Com #	0.00	0.00	11,145.0	77.0	-385.0	435,458.00	769,988.00	32° 11' 41.968 N	103° 35' 38.987 W
- plan misses target center by 44.2usft at 11239.6usft MD (11104.7 TVD, 59.1 N, -382.6 E)									
- Point									