



OCD - HOBBS
08/20/2019
RECEIVED

EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#708H

OH

Plan: Plan #0.1

Standard Planning Report

13 March, 2019

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #708H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3563.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3563.0usft
Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#708H	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	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	#708H					
Well Position	+N/-S	31.0 usft	Northing:	435,406.00 usft	Latitude:	32° 11' 41.598 N
	+E/-W	-4,032.0 usft	Easting:	767,852.00 usft	Longitude:	103° 36' 3.848 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,538.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	3/12/2019	6.78	60.01	47,738.65560120

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	181.28

Plan Survey Tool Program	Date	3/13/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	20,030.6 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	
1,300.0	0.00	0.00	1,300.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,406.8	2.14	325.02	1,406.8	1.6	-1.1	2.00	2.00	0.00	325.02	
11,878.0	2.14	325.02	11,870.7	321.4	-224.9	0.00	0.00	0.00	0.00	
11,984.8	0.00	0.00	11,977.5	323.0	-226.0	2.00	-2.00	0.00	180.00	KOP(Bandit 29 St Coi
12,734.8	90.00	179.57	12,455.0	-154.4	-222.4	12.00	12.00	23.94	179.57	
20,030.6	90.00	179.57	12,455.0	-7,450.0	-167.0	0.00	0.00	0.00	0.00	PBHL(Bandit 29 St Cr

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Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#708H	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
1,406.8	2.14	325.02	1,406.8	1.6	-1.1	-1.6	2.00	2.00	0.00
1,500.0	2.14	325.02	1,499.9	4.5	-3.1	-4.4	0.00	0.00	0.00
1,600.0	2.14	325.02	1,599.8	7.5	-5.3	-7.4	0.00	0.00	0.00
1,700.0	2.14	325.02	1,699.8	10.6	-7.4	-10.4	0.00	0.00	0.00
1,800.0	2.14	325.02	1,799.7	13.6	-9.5	-13.4	0.00	0.00	0.00
1,900.0	2.14	325.02	1,899.6	16.7	-11.7	-16.4	0.00	0.00	0.00
2,000.0	2.14	325.02	1,999.6	19.7	-13.8	-19.4	0.00	0.00	0.00
2,100.0	2.14	325.02	2,099.5	22.8	-16.0	-22.4	0.00	0.00	0.00
2,200.0	2.14	325.02	2,199.4	25.9	-18.1	-25.4	0.00	0.00	0.00
2,300.0	2.14	325.02	2,299.4	28.9	-20.2	-28.4	0.00	0.00	0.00
2,400.0	2.14	325.02	2,399.3	32.0	-22.4	-31.4	0.00	0.00	0.00
2,500.0	2.14	325.02	2,499.2	35.0	-24.5	-34.5	0.00	0.00	0.00
2,600.0	2.14	325.02	2,599.1	38.1	-26.6	-37.5	0.00	0.00	0.00
2,700.0	2.14	325.02	2,699.1	41.1	-28.8	-40.5	0.00	0.00	0.00
2,800.0	2.14	325.02	2,799.0	44.2	-30.9	-43.5	0.00	0.00	0.00
2,900.0	2.14	325.02	2,898.9	47.2	-33.0	-46.5	0.00	0.00	0.00
3,000.0	2.14	325.02	2,998.9	50.3	-35.2	-49.5	0.00	0.00	0.00
3,100.0	2.14	325.02	3,098.8	53.3	-37.3	-52.5	0.00	0.00	0.00
3,200.0	2.14	325.02	3,198.7	56.4	-39.5	-55.5	0.00	0.00	0.00
3,300.0	2.14	325.02	3,298.7	59.4	-41.6	-58.5	0.00	0.00	0.00
3,400.0	2.14	325.02	3,398.6	62.5	-43.7	-61.5	0.00	0.00	0.00
3,500.0	2.14	325.02	3,498.5	65.5	-45.9	-64.5	0.00	0.00	0.00
3,600.0	2.14	325.02	3,598.5	68.6	-48.0	-67.5	0.00	0.00	0.00
3,700.0	2.14	325.02	3,698.4	71.7	-50.1	-70.5	0.00	0.00	0.00
3,800.0	2.14	325.02	3,798.3	74.7	-52.3	-73.5	0.00	0.00	0.00
3,900.0	2.14	325.02	3,898.2	77.8	-54.4	-76.5	0.00	0.00	0.00
4,000.0	2.14	325.02	3,998.2	80.8	-56.5	-79.5	0.00	0.00	0.00
4,100.0	2.14	325.02	4,098.1	83.9	-58.7	-82.5	0.00	0.00	0.00
4,200.0	2.14	325.02	4,198.0	86.9	-60.8	-85.5	0.00	0.00	0.00
4,300.0	2.14	325.02	4,298.0	90.0	-63.0	-88.5	0.00	0.00	0.00
4,400.0	2.14	325.02	4,397.9	93.0	-65.1	-91.5	0.00	0.00	0.00
4,500.0	2.14	325.02	4,497.8	96.1	-67.2	-94.6	0.00	0.00	0.00
4,600.0	2.14	325.02	4,597.8	99.1	-69.4	-97.6	0.00	0.00	0.00
4,700.0	2.14	325.02	4,697.7	102.2	-71.5	-100.6	0.00	0.00	0.00
4,800.0	2.14	325.02	4,797.6	105.2	-73.6	-103.6	0.00	0.00	0.00
4,900.0	2.14	325.02	4,897.5	108.3	-75.8	-106.6	0.00	0.00	0.00
5,000.0	2.14	325.02	4,997.5	111.3	-77.9	-109.6	0.00	0.00	0.00
5,100.0	2.14	325.02	5,097.4	114.4	-80.0	-112.6	0.00	0.00	0.00
5,200.0	2.14	325.02	5,197.3	117.5	-82.2	-115.6	0.00	0.00	0.00
5,300.0	2.14	325.02	5,297.3	120.5	-84.3	-118.6	0.00	0.00	0.00

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Well:	#708H	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)
5,400.0	2.14	325.02	5,397.2	123.6	-86.5	-121.6	0.00	0.00	0.00
5,500.0	2.14	325.02	5,497.1	126.6	-88.6	-124.6	0.00	0.00	0.00
5,600.0	2.14	325.02	5,597.1	129.7	-90.7	-127.6	0.00	0.00	0.00
5,700.0	2.14	325.02	5,697.0	132.7	-92.9	-130.6	0.00	0.00	0.00
5,800.0	2.14	325.02	5,796.9	135.8	-95.0	-133.6	0.00	0.00	0.00
5,900.0	2.14	325.02	5,896.9	138.8	-97.1	-136.6	0.00	0.00	0.00
6,000.0	2.14	325.02	5,996.8	141.9	-99.3	-139.6	0.00	0.00	0.00
6,100.0	2.14	325.02	6,096.7	144.9	-101.4	-142.6	0.00	0.00	0.00
6,200.0	2.14	325.02	6,196.6	148.0	-103.5	-145.6	0.00	0.00	0.00
6,300.0	2.14	325.02	6,296.6	151.0	-105.7	-148.6	0.00	0.00	0.00
6,400.0	2.14	325.02	6,396.5	154.1	-107.8	-151.6	0.00	0.00	0.00
6,500.0	2.14	325.02	6,496.4	157.2	-110.0	-154.6	0.00	0.00	0.00
6,600.0	2.14	325.02	6,596.4	160.2	-112.1	-157.7	0.00	0.00	0.00
6,700.0	2.14	325.02	6,696.3	163.3	-114.2	-160.7	0.00	0.00	0.00
6,800.0	2.14	325.02	6,796.2	166.3	-116.4	-163.7	0.00	0.00	0.00
6,900.0	2.14	325.02	6,896.2	169.4	-118.5	-166.7	0.00	0.00	0.00
7,000.0	2.14	325.02	6,996.1	172.4	-120.6	-169.7	0.00	0.00	0.00
7,100.0	2.14	325.02	7,096.0	175.5	-122.8	-172.7	0.00	0.00	0.00
7,200.0	2.14	325.02	7,196.0	178.5	-124.9	-175.7	0.00	0.00	0.00
7,300.0	2.14	325.02	7,295.9	181.6	-127.0	-178.7	0.00	0.00	0.00
7,400.0	2.14	325.02	7,395.8	184.6	-129.2	-181.7	0.00	0.00	0.00
7,500.0	2.14	325.02	7,495.7	187.7	-131.3	-184.7	0.00	0.00	0.00
7,600.0	2.14	325.02	7,595.7	190.7	-133.5	-187.7	0.00	0.00	0.00
7,700.0	2.14	325.02	7,695.6	193.8	-135.6	-190.7	0.00	0.00	0.00
7,800.0	2.14	325.02	7,795.5	196.8	-137.7	-193.7	0.00	0.00	0.00
7,900.0	2.14	325.02	7,895.5	199.9	-139.9	-196.7	0.00	0.00	0.00
8,000.0	2.14	325.02	7,995.4	203.0	-142.0	-199.7	0.00	0.00	0.00
8,100.0	2.14	325.02	8,095.3	206.0	-144.1	-202.7	0.00	0.00	0.00
8,200.0	2.14	325.02	8,195.3	209.1	-146.3	-205.7	0.00	0.00	0.00
8,300.0	2.14	325.02	8,295.2	212.1	-148.4	-208.7	0.00	0.00	0.00
8,400.0	2.14	325.02	8,395.1	215.2	-150.6	-211.7	0.00	0.00	0.00
8,500.0	2.14	325.02	8,495.0	218.2	-152.7	-214.7	0.00	0.00	0.00
8,600.0	2.14	325.02	8,595.0	221.3	-154.8	-217.7	0.00	0.00	0.00
8,700.0	2.14	325.02	8,694.9	224.3	-157.0	-220.8	0.00	0.00	0.00
8,800.0	2.14	325.02	8,794.8	227.4	-159.1	-223.8	0.00	0.00	0.00
8,900.0	2.14	325.02	8,894.8	230.4	-161.2	-226.8	0.00	0.00	0.00
9,000.0	2.14	325.02	8,994.7	233.5	-163.4	-229.8	0.00	0.00	0.00
9,100.0	2.14	325.02	9,094.6	236.5	-165.5	-232.8	0.00	0.00	0.00
9,200.0	2.14	325.02	9,194.6	239.6	-167.6	-235.8	0.00	0.00	0.00
9,300.0	2.14	325.02	9,294.5	242.6	-169.8	-238.8	0.00	0.00	0.00
9,400.0	2.14	325.02	9,394.4	245.7	-171.9	-241.8	0.00	0.00	0.00
9,500.0	2.14	325.02	9,494.4	248.8	-174.1	-244.8	0.00	0.00	0.00
9,600.0	2.14	325.02	9,594.3	251.8	-176.2	-247.8	0.00	0.00	0.00
9,700.0	2.14	325.02	9,694.2	254.9	-178.3	-250.8	0.00	0.00	0.00
9,800.0	2.14	325.02	9,794.1	257.9	-180.5	-253.8	0.00	0.00	0.00
9,900.0	2.14	325.02	9,894.1	261.0	-182.6	-256.8	0.00	0.00	0.00
10,000.0	2.14	325.02	9,994.0	264.0	-184.7	-259.8	0.00	0.00	0.00
10,100.0	2.14	325.02	10,093.9	267.1	-186.9	-262.8	0.00	0.00	0.00
10,200.0	2.14	325.02	10,193.9	270.1	-189.0	-265.8	0.00	0.00	0.00
10,300.0	2.14	325.02	10,293.8	273.2	-191.1	-268.8	0.00	0.00	0.00
10,400.0	2.14	325.02	10,393.7	276.2	-193.3	-271.8	0.00	0.00	0.00
10,500.0	2.14	325.02	10,493.7	279.3	-195.4	-274.8	0.00	0.00	0.00
10,600.0	2.14	325.02	10,593.6	282.3	-197.6	-277.8	0.00	0.00	0.00
10,700.0	2.14	325.02	10,693.5	285.4	-199.7	-280.9	0.00	0.00	0.00

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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)
10,800.0	2.14	325.02	10,793.4	288.5	-201.8	-283.9	0.00	0.00	0.00
10,900.0	2.14	325.02	10,893.4	291.5	-204.0	-286.9	0.00	0.00	0.00
11,000.0	2.14	325.02	10,993.3	294.6	-206.1	-289.9	0.00	0.00	0.00
11,100.0	2.14	325.02	11,093.2	297.6	-208.2	-292.9	0.00	0.00	0.00
11,200.0	2.14	325.02	11,193.2	300.7	-210.4	-295.9	0.00	0.00	0.00
11,300.0	2.14	325.02	11,293.1	303.7	-212.5	-298.9	0.00	0.00	0.00
11,400.0	2.14	325.02	11,393.0	306.8	-214.6	-301.9	0.00	0.00	0.00
11,500.0	2.14	325.02	11,493.0	309.8	-216.8	-304.9	0.00	0.00	0.00
11,600.0	2.14	325.02	11,592.9	312.9	-218.9	-307.9	0.00	0.00	0.00
11,700.0	2.14	325.02	11,692.8	315.9	-221.1	-310.9	0.00	0.00	0.00
11,800.0	2.14	325.02	11,792.8	319.0	-223.2	-313.9	0.00	0.00	0.00
11,878.0	2.14	325.02	11,870.7	321.4	-224.9	-316.2	0.00	0.00	0.00
11,900.0	1.70	325.02	11,892.7	322.0	-225.3	-316.8	2.00	-2.00	0.00
11,984.8	0.00	0.00	11,977.5	323.0	-226.0	-317.9	2.00	-2.00	0.00
KOP(Bandit 29 St Com #708H)									
12,000.0	1.82	179.57	11,992.7	322.8	-226.0	-317.6	12.00	12.00	0.00
12,025.0	4.82	179.57	12,017.6	321.3	-226.0	-316.2	12.00	12.00	0.00
12,050.0	7.82	179.57	12,042.5	318.6	-226.0	-313.4	12.00	12.00	0.00
12,075.0	10.82	179.57	12,067.1	314.5	-225.9	-309.4	12.00	12.00	0.00
12,100.0	13.82	179.57	12,091.6	309.2	-225.9	-304.0	12.00	12.00	0.00
12,125.0	16.82	179.57	12,115.7	302.6	-225.8	-297.4	12.00	12.00	0.00
12,150.0	19.82	179.57	12,139.4	294.7	-225.8	-289.6	12.00	12.00	0.00
12,175.0	22.82	179.57	12,162.7	285.6	-225.7	-280.5	12.00	12.00	0.00
12,200.0	25.82	179.57	12,185.5	275.3	-225.6	-270.2	12.00	12.00	0.00
12,225.0	28.82	179.57	12,207.7	263.9	-225.6	-258.7	12.00	12.00	0.00
12,250.0	31.82	179.57	12,229.3	251.2	-225.5	-246.1	12.00	12.00	0.00
12,275.0	34.82	179.57	12,250.1	237.5	-225.4	-232.4	12.00	12.00	0.00
12,300.0	37.82	179.57	12,270.3	222.7	-225.2	-217.6	12.00	12.00	0.00
12,325.0	40.82	179.57	12,289.6	206.9	-225.1	-201.8	12.00	12.00	0.00
12,350.0	43.82	179.57	12,308.1	190.0	-225.0	-184.9	12.00	12.00	0.00
12,375.0	46.82	179.57	12,325.7	172.3	-224.9	-167.2	12.00	12.00	0.00
12,385.7	48.11	179.57	12,332.9	164.3	-224.8	-159.3	12.00	12.00	0.00
FTP(Bandit 29 St Com #708H)									
12,400.0	49.82	179.57	12,342.3	153.6	-224.7	-148.5	12.00	12.00	0.00
12,425.0	52.82	179.57	12,357.9	134.1	-224.6	-129.0	12.00	12.00	0.00
12,450.0	55.82	179.57	12,372.5	113.8	-224.4	-108.7	12.00	12.00	0.00
12,475.0	58.82	179.57	12,386.0	92.7	-224.3	-87.7	12.00	12.00	0.00
12,500.0	61.82	179.57	12,398.4	71.0	-224.1	-66.0	12.00	12.00	0.00
12,525.0	64.82	179.57	12,409.6	48.7	-223.9	-43.6	12.00	12.00	0.00
12,550.0	67.82	179.57	12,419.6	25.8	-223.7	-20.8	12.00	12.00	0.00
12,575.0	70.82	179.57	12,428.5	2.4	-223.6	2.6	12.00	12.00	0.00
12,600.0	73.82	179.57	12,436.1	-21.4	-223.4	26.4	12.00	12.00	0.00
12,625.0	76.82	179.57	12,442.4	-45.6	-223.2	50.6	12.00	12.00	0.00
12,650.0	79.82	179.57	12,447.4	-70.1	-223.0	75.1	12.00	12.00	0.00
12,675.0	82.82	179.57	12,451.2	-94.8	-222.8	99.8	12.00	12.00	0.00
12,700.0	85.82	179.57	12,453.7	-119.7	-222.6	124.6	12.00	12.00	0.00
12,725.0	88.82	179.57	12,454.9	-144.6	-222.5	149.6	12.00	12.00	0.00
12,734.8	90.00	179.57	12,455.0	-154.4	-222.4	159.4	12.00	12.00	0.00
12,800.0	90.00	179.57	12,455.0	-219.6	-221.9	224.5	0.00	0.00	0.00
12,900.0	90.00	179.57	12,455.0	-319.6	-221.1	324.5	0.00	0.00	0.00
13,000.0	90.00	179.57	12,455.0	-419.6	-220.4	424.5	0.00	0.00	0.00
13,100.0	90.00	179.57	12,455.0	-519.6	-219.6	524.4	0.00	0.00	0.00
13,200.0	90.00	179.57	12,455.0	-619.6	-218.8	624.4	0.00	0.00	0.00
13,300.0	90.00	179.57	12,455.0	-719.6	-218.1	724.3	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #708H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3563.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3563.0usft
Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#708H	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)
13,400.0	90.00	179.57	12,455.0	-819.6	-217.3	824.3	0.00	0.00	0.00
13,500.0	90.00	179.57	12,455.0	-919.6	-216.6	924.2	0.00	0.00	0.00
13,600.0	90.00	179.57	12,455.0	-1,019.6	-215.8	1,024.2	0.00	0.00	0.00
13,700.0	90.00	179.57	12,455.0	-1,119.6	-215.1	1,124.1	0.00	0.00	0.00
13,800.0	90.00	179.57	12,455.0	-1,219.6	-214.3	1,224.1	0.00	0.00	0.00
13,900.0	90.00	179.57	12,455.0	-1,319.6	-213.5	1,324.0	0.00	0.00	0.00
14,000.0	90.00	179.57	12,455.0	-1,419.6	-212.8	1,424.0	0.00	0.00	0.00
14,100.0	90.00	179.57	12,455.0	-1,519.6	-212.0	1,524.0	0.00	0.00	0.00
14,200.0	90.00	179.57	12,455.0	-1,619.6	-211.3	1,623.9	0.00	0.00	0.00
14,300.0	90.00	179.57	12,455.0	-1,719.6	-210.5	1,723.9	0.00	0.00	0.00
14,400.0	90.00	179.57	12,455.0	-1,819.6	-209.7	1,823.8	0.00	0.00	0.00
14,500.0	90.00	179.57	12,455.0	-1,919.6	-209.0	1,923.8	0.00	0.00	0.00
14,600.0	90.00	179.57	12,455.0	-2,019.6	-208.2	2,023.7	0.00	0.00	0.00
14,700.0	90.00	179.57	12,455.0	-2,119.6	-207.5	2,123.7	0.00	0.00	0.00
14,800.0	90.00	179.57	12,455.0	-2,219.6	-206.7	2,223.6	0.00	0.00	0.00
14,900.0	90.00	179.57	12,455.0	-2,319.6	-205.9	2,323.6	0.00	0.00	0.00
15,000.0	90.00	179.57	12,455.0	-2,419.6	-205.2	2,423.6	0.00	0.00	0.00
15,100.0	90.00	179.57	12,455.0	-2,519.6	-204.4	2,523.5	0.00	0.00	0.00
15,200.0	90.00	179.57	12,455.0	-2,619.6	-203.7	2,623.5	0.00	0.00	0.00
15,300.0	90.00	179.57	12,455.0	-2,719.6	-202.9	2,723.4	0.00	0.00	0.00
15,400.0	90.00	179.57	12,455.0	-2,819.6	-202.1	2,823.4	0.00	0.00	0.00
15,500.0	90.00	179.57	12,455.0	-2,919.5	-201.4	2,923.3	0.00	0.00	0.00
15,600.0	90.00	179.57	12,455.0	-3,019.5	-200.6	3,023.3	0.00	0.00	0.00
15,700.0	90.00	179.57	12,455.0	-3,119.5	-199.9	3,123.2	0.00	0.00	0.00
15,800.0	90.00	179.57	12,455.0	-3,219.5	-199.1	3,223.2	0.00	0.00	0.00
15,900.0	90.00	179.57	12,455.0	-3,319.5	-198.4	3,323.1	0.00	0.00	0.00
16,000.0	90.00	179.57	12,455.0	-3,419.5	-197.6	3,423.1	0.00	0.00	0.00
16,100.0	90.00	179.57	12,455.0	-3,519.5	-196.8	3,523.1	0.00	0.00	0.00
16,200.0	90.00	179.57	12,455.0	-3,619.5	-196.1	3,623.0	0.00	0.00	0.00
16,300.0	90.00	179.57	12,455.0	-3,719.5	-195.3	3,723.0	0.00	0.00	0.00
16,400.0	90.00	179.57	12,455.0	-3,819.5	-194.6	3,822.9	0.00	0.00	0.00
16,500.0	90.00	179.57	12,455.0	-3,919.5	-193.8	3,922.9	0.00	0.00	0.00
16,600.0	90.00	179.57	12,455.0	-4,019.5	-193.0	4,022.8	0.00	0.00	0.00
16,700.0	90.00	179.57	12,455.0	-4,119.5	-192.3	4,122.8	0.00	0.00	0.00
16,800.0	90.00	179.57	12,455.0	-4,219.5	-191.5	4,222.7	0.00	0.00	0.00
16,900.0	90.00	179.57	12,455.0	-4,319.5	-190.8	4,322.7	0.00	0.00	0.00
17,000.0	90.00	179.57	12,455.0	-4,419.5	-190.0	4,422.7	0.00	0.00	0.00
17,100.0	90.00	179.57	12,455.0	-4,519.5	-189.2	4,522.6	0.00	0.00	0.00
17,200.0	90.00	179.57	12,455.0	-4,619.5	-188.5	4,622.6	0.00	0.00	0.00
17,300.0	90.00	179.57	12,455.0	-4,719.5	-187.7	4,722.5	0.00	0.00	0.00
17,400.0	90.00	179.57	12,455.0	-4,819.5	-187.0	4,822.5	0.00	0.00	0.00
17,500.0	90.00	179.57	12,455.0	-4,919.5	-186.2	4,922.4	0.00	0.00	0.00
17,600.0	90.00	179.57	12,455.0	-5,019.5	-185.4	5,022.4	0.00	0.00	0.00
17,700.0	90.00	179.57	12,455.0	-5,119.5	-184.7	5,122.3	0.00	0.00	0.00
17,800.0	90.00	179.57	12,455.0	-5,219.5	-183.9	5,222.3	0.00	0.00	0.00
17,900.0	90.00	179.57	12,455.0	-5,319.5	-183.2	5,322.2	0.00	0.00	0.00
18,000.0	90.00	179.57	12,455.0	-5,419.5	-182.4	5,422.2	0.00	0.00	0.00
18,100.0	90.00	179.57	12,455.0	-5,519.5	-181.7	5,522.2	0.00	0.00	0.00
18,200.0	90.00	179.57	12,455.0	-5,619.5	-180.9	5,622.1	0.00	0.00	0.00
18,300.0	90.00	179.57	12,455.0	-5,719.5	-180.1	5,722.1	0.00	0.00	0.00
18,400.0	90.00	179.57	12,455.0	-5,819.5	-179.4	5,822.0	0.00	0.00	0.00
18,500.0	90.00	179.57	12,455.0	-5,919.5	-178.6	5,922.0	0.00	0.00	0.00
18,600.0	90.00	179.57	12,455.0	-6,019.5	-177.9	6,021.9	0.00	0.00	0.00
18,700.0	90.00	179.57	12,455.0	-6,119.5	-177.1	6,121.9	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #708H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3563.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3563.0usft
Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#708H	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)	
18,800.0	90.00	179.57	12,455.0	-6,219.5	-176.3	6,221.8	0.00	0.00	0.00	
18,900.0	90.00	179.57	12,455.0	-6,319.4	-175.6	6,321.8	0.00	0.00	0.00	
19,000.0	90.00	179.57	12,455.0	-6,419.4	-174.8	6,421.8	0.00	0.00	0.00	
19,100.0	90.00	179.57	12,455.0	-6,519.4	-174.1	6,521.7	0.00	0.00	0.00	
19,200.0	90.00	179.57	12,455.0	-6,619.4	-173.3	6,621.7	0.00	0.00	0.00	
19,300.0	90.00	179.57	12,455.0	-6,719.4	-172.5	6,721.6	0.00	0.00	0.00	
19,400.0	90.00	179.57	12,455.0	-6,819.4	-171.8	6,821.6	0.00	0.00	0.00	
19,500.0	90.00	179.57	12,455.0	-6,919.4	-171.0	6,921.5	0.00	0.00	0.00	
19,600.0	90.00	179.57	12,455.0	-7,019.4	-170.3	7,021.5	0.00	0.00	0.00	
19,700.0	90.00	179.57	12,455.0	-7,119.4	-169.5	7,121.4	0.00	0.00	0.00	
19,800.0	90.00	179.57	12,455.0	-7,219.4	-168.8	7,221.4	0.00	0.00	0.00	
19,900.0	90.00	179.57	12,455.0	-7,319.4	-168.0	7,321.3	0.00	0.00	0.00	
20,000.0	90.00	179.57	12,455.0	-7,419.4	-167.2	7,421.3	0.00	0.00	0.00	
20,030.6	90.00	179.57	12,455.0	-7,450.0	-167.0	7,451.9	0.00	0.00	0.00	
PBHL(Bandit 29 St Com #708H)										

Design Targets										
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude	
KOP(Bandit 29 St Com # - plan hits target center - Point	0.00	0.00	11,977.5	323.0	-226.0	435,729.00	767,626.00	32° 11' 44.809 N	103° 36' 6.452 W	
PBHL(Bandit 29 St Com - plan hits target center - Point	0.00	0.00	12,455.0	-7,450.0	-167.0	427,956.00	767,685.00	32° 10' 27.889 N	103° 36' 6.381 W	
FTP(Bandit 29 St Com # - plan misses target center by 163.4usft at 12385.7usft MD (12332.9 TVD, 164.3 N, -224.8 E) - Point	0.00	0.00	12,455.0	273.0	-226.0	435,679.00	767,626.00	32° 11' 44.314 N	103° 36' 6.456 W	