



OCD - HOBBS  
08/20/2019  
RECEIVED

## **EOG Resources - Midland**

Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#706H

OH

Plan: Plan #0.2

## **Standard Planning Report**

20 August, 2019

<b>Database:</b>	EDM 5000.14	<b>Local Co-ordinate Reference:</b>	Well #706H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB = 25 @ 3563.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 25 @ 3563.0usft
<b>Site:</b>	Bandit 29 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#706H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.2		

<b>Project</b>	Lea County, NM (NAD 83 NME)		
<b>Map System:</b>	US State Plane 1983	<b>System Datum:</b>	Mean Sea Level
<b>Geo Datum:</b>	North American Datum 1983		
<b>Map Zone:</b>	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	#706H					
Well Position	+N/-S	-41.0 usft	Northing:	435,334.00 usft	Latitude:	32° 11' 40.852 N
	+E/-W	-3,544.0 usft	Easting:	768,340.00 usft	Longitude:	103° 35' 58.175 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	3,538.0 usft

<b>Wellbore</b>	OH				
<b>Magnetics</b>	<b>Model Name</b>	<b>Sample Date</b>	<b>Declination (°)</b>	<b>Dip Angle (°)</b>	<b>Field Strength (nT)</b>
	IGRF2015	3/12/2019	6.78	60.01	47,738.69726161

<b>Design</b>	Plan #0.2			
<b>Audit Notes:</b>				
<b>Version:</b>	<b>Phase:</b>	PLAN	<b>Tie On Depth:</b>	0.0
<b>Vertical Section:</b>	<b>Depth From (TVD) (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Direction (°)</b>
	0.0	0.0	0.0	174.84

<b>Plan Survey Tool Program</b>	<b>Date</b>	8/20/2019		
<b>Depth From (usft)</b>	<b>Depth To (usft)</b>	<b>Survey (Wellbore)</b>	<b>Tool Name</b>	<b>Remarks</b>
1	0.0	20,057.4 Plan #0.2 (OH)	MWD	
			OWSG MWD - Standard	

<b>Plan Sections</b>										
<b>Measured Depth (usft)</b>	<b>Inclination (°)</b>	<b>Azimuth (°)</b>	<b>Vertical Depth (usft)</b>	<b>+N/-S (usft)</b>	<b>+E/-W (usft)</b>	<b>Dogleg Rate (°/100usft)</b>	<b>Build Rate (°/100usft)</b>	<b>Turn Rate (°/100usft)</b>	<b>TFO (°)</b>	<b>Target</b>
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	
1,638.5	6.77	55.68	1,637.7	11.3	16.5	2.00	2.00	0.00	55.68	
7,317.6	6.77	55.68	7,277.3	388.7	569.5	0.00	0.00	0.00	0.00	
7,656.2	0.00	0.00	7,615.0	400.0	586.0	2.00	-2.00	0.00	180.00	
12,013.7	0.00	0.00	11,972.5	400.0	586.0	0.00	0.00	0.00	0.00	KOP(Bandit 29 St Cor
12,763.7	90.00	179.57	12,450.0	-77.4	589.6	12.00	12.00	23.94	179.57	
20,057.4	90.00	179.57	12,450.0	-7,371.0	645.0	0.00	0.00	0.00	0.00	PBHL(Bandit 29 St Cc

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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	2.00	55.68	1,400.0	1.0	1.4	-0.9	2.00	2.00	0.00
1,500.0	4.00	55.68	1,499.8	3.9	5.8	-3.4	2.00	2.00	0.00
1,600.0	6.00	55.68	1,599.5	8.8	13.0	-7.6	2.00	2.00	0.00
1,638.5	6.77	55.68	1,637.7	11.3	16.5	-9.7	2.00	2.00	0.00
1,700.0	6.77	55.68	1,698.8	15.3	22.5	-13.3	0.00	0.00	0.00
1,800.0	6.77	55.68	1,798.1	22.0	32.2	-19.0	0.00	0.00	0.00
1,900.0	6.77	55.68	1,897.4	28.6	42.0	-24.8	0.00	0.00	0.00
2,000.0	6.77	55.68	1,996.7	35.3	51.7	-30.5	0.00	0.00	0.00
2,100.0	6.77	55.68	2,096.0	41.9	61.4	-36.2	0.00	0.00	0.00
2,200.0	6.77	55.68	2,195.3	48.6	71.2	-42.0	0.00	0.00	0.00
2,300.0	6.77	55.68	2,294.6	55.2	80.9	-47.7	0.00	0.00	0.00
2,400.0	6.77	55.68	2,393.9	61.9	90.6	-53.5	0.00	0.00	0.00
2,500.0	6.77	55.68	2,493.2	68.5	100.4	-59.2	0.00	0.00	0.00
2,600.0	6.77	55.68	2,592.5	75.2	110.1	-65.0	0.00	0.00	0.00
2,700.0	6.77	55.68	2,691.8	81.8	119.9	-70.7	0.00	0.00	0.00
2,800.0	6.77	55.68	2,791.1	88.5	129.6	-76.5	0.00	0.00	0.00
2,900.0	6.77	55.68	2,890.4	95.1	139.3	-82.2	0.00	0.00	0.00
3,000.0	6.77	55.68	2,989.7	101.8	149.1	-87.9	0.00	0.00	0.00
3,100.0	6.77	55.68	3,089.0	108.4	158.8	-93.7	0.00	0.00	0.00
3,200.0	6.77	55.68	3,188.3	115.0	168.5	-99.4	0.00	0.00	0.00
3,300.0	6.77	55.68	3,287.6	121.7	178.3	-105.2	0.00	0.00	0.00
3,400.0	6.77	55.68	3,386.9	128.3	188.0	-110.9	0.00	0.00	0.00
3,500.0	6.77	55.68	3,486.2	135.0	197.8	-116.7	0.00	0.00	0.00
3,600.0	6.77	55.68	3,585.5	141.6	207.5	-122.4	0.00	0.00	0.00
3,700.0	6.77	55.68	3,684.8	148.3	217.2	-128.2	0.00	0.00	0.00
3,800.0	6.77	55.68	3,784.1	154.9	227.0	-133.9	0.00	0.00	0.00
3,900.0	6.77	55.68	3,883.4	161.6	236.7	-139.6	0.00	0.00	0.00
4,000.0	6.77	55.68	3,982.7	168.2	246.4	-145.4	0.00	0.00	0.00
4,100.0	6.77	55.68	4,082.0	174.9	256.2	-151.1	0.00	0.00	0.00
4,200.0	6.77	55.68	4,181.3	181.5	265.9	-156.9	0.00	0.00	0.00
4,300.0	6.77	55.68	4,280.7	188.2	275.7	-162.6	0.00	0.00	0.00
4,400.0	6.77	55.68	4,380.0	194.8	285.4	-168.4	0.00	0.00	0.00
4,500.0	6.77	55.68	4,479.3	201.5	295.1	-174.1	0.00	0.00	0.00
4,600.0	6.77	55.68	4,578.6	208.1	304.9	-179.9	0.00	0.00	0.00
4,700.0	6.77	55.68	4,677.9	214.7	314.6	-185.6	0.00	0.00	0.00
4,800.0	6.77	55.68	4,777.2	221.4	324.3	-191.3	0.00	0.00	0.00
4,900.0	6.77	55.68	4,876.5	228.0	334.1	-197.1	0.00	0.00	0.00
5,000.0	6.77	55.68	4,975.8	234.7	343.8	-202.8	0.00	0.00	0.00
5,100.0	6.77	55.68	5,075.1	241.3	353.6	-208.6	0.00	0.00	0.00
5,200.0	6.77	55.68	5,174.4	248.0	363.3	-214.3	0.00	0.00	0.00

<b>Database:</b>	EDM 5000.14	<b>Local Co-ordinate Reference:</b>	Well #706H
<b>Company:</b>	EOG Resources - Midland	<b>TVD Reference:</b>	KB = 25 @ 3563.0usft
<b>Project:</b>	Lea County, NM (NAD 83 NME)	<b>MD Reference:</b>	KB = 25 @ 3563.0usft
<b>Site:</b>	Bandit 29 State Com	<b>North Reference:</b>	Grid
<b>Well:</b>	#706H	<b>Survey Calculation Method:</b>	Minimum Curvature
<b>Wellbore:</b>	OH		
<b>Design:</b>	Plan #0.2		

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	6.77	55.68	5,273.7	254.6	373.0	-220.1	0.00	0.00	0.00
5,400.0	6.77	55.68	5,373.0	261.3	382.8	-225.8	0.00	0.00	0.00
5,500.0	6.77	55.68	5,472.3	267.9	392.5	-231.6	0.00	0.00	0.00
5,600.0	6.77	55.68	5,571.6	274.6	402.2	-237.3	0.00	0.00	0.00
5,700.0	6.77	55.68	5,670.9	281.2	412.0	-243.1	0.00	0.00	0.00
5,800.0	6.77	55.68	5,770.2	287.9	421.7	-248.8	0.00	0.00	0.00
5,900.0	6.77	55.68	5,869.5	294.5	431.5	-254.5	0.00	0.00	0.00
6,000.0	6.77	55.68	5,968.8	301.2	441.2	-260.3	0.00	0.00	0.00
6,100.0	6.77	55.68	6,068.1	307.8	450.9	-266.0	0.00	0.00	0.00
6,200.0	6.77	55.68	6,167.4	314.4	460.7	-271.8	0.00	0.00	0.00
6,300.0	6.77	55.68	6,266.7	321.1	470.4	-277.5	0.00	0.00	0.00
6,400.0	6.77	55.68	6,366.0	327.7	480.1	-283.3	0.00	0.00	0.00
6,500.0	6.77	55.68	6,465.3	334.4	489.9	-289.0	0.00	0.00	0.00
6,600.0	6.77	55.68	6,564.6	341.0	499.6	-294.8	0.00	0.00	0.00
6,700.0	6.77	55.68	6,663.9	347.7	509.4	-300.5	0.00	0.00	0.00
6,800.0	6.77	55.68	6,763.2	354.3	519.1	-306.2	0.00	0.00	0.00
6,900.0	6.77	55.68	6,862.5	361.0	528.8	-312.0	0.00	0.00	0.00
7,000.0	6.77	55.68	6,961.8	367.6	538.6	-317.7	0.00	0.00	0.00
7,100.0	6.77	55.68	7,061.1	374.3	548.3	-323.5	0.00	0.00	0.00
7,200.0	6.77	55.68	7,160.4	380.9	558.0	-329.2	0.00	0.00	0.00
7,300.0	6.77	55.68	7,259.7	387.6	567.8	-335.0	0.00	0.00	0.00
7,317.6	6.77	55.68	7,277.3	388.7	569.5	-336.0	0.00	0.00	0.00
7,400.0	5.12	55.68	7,359.2	393.5	576.5	-340.1	2.00	-2.00	0.00
7,500.0	3.12	55.68	7,458.9	397.6	582.5	-343.6	2.00	-2.00	0.00
7,600.0	1.12	55.68	7,558.8	399.7	585.5	-345.4	2.00	-2.00	0.00
7,656.2	0.00	0.00	7,615.0	400.0	586.0	-345.7	2.00	-2.00	0.00
7,700.0	0.00	0.00	7,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
7,800.0	0.00	0.00	7,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
7,900.0	0.00	0.00	7,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,000.0	0.00	0.00	7,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,100.0	0.00	0.00	8,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,200.0	0.00	0.00	8,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,300.0	0.00	0.00	8,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,400.0	0.00	0.00	8,358.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,500.0	0.00	0.00	8,458.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,600.0	0.00	0.00	8,558.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,700.0	0.00	0.00	8,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,800.0	0.00	0.00	8,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
8,900.0	0.00	0.00	8,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,000.0	0.00	0.00	8,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,100.0	0.00	0.00	9,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,200.0	0.00	0.00	9,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,300.0	0.00	0.00	9,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,400.0	0.00	0.00	9,358.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,500.0	0.00	0.00	9,458.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,600.0	0.00	0.00	9,558.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,700.0	0.00	0.00	9,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,800.0	0.00	0.00	9,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
9,900.0	0.00	0.00	9,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,000.0	0.00	0.00	9,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,100.0	0.00	0.00	10,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,200.0	0.00	0.00	10,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,300.0	0.00	0.00	10,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,400.0	0.00	0.00	10,358.8	400.0	586.0	-345.7	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
10,500.0	0.00	0.00	10,458.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,600.0	0.00	0.00	10,558.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,700.0	0.00	0.00	10,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,800.0	0.00	0.00	10,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
10,900.0	0.00	0.00	10,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,000.0	0.00	0.00	10,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,100.0	0.00	0.00	11,058.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,200.0	0.00	0.00	11,158.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,300.0	0.00	0.00	11,258.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,400.0	0.00	0.00	11,358.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,500.0	0.00	0.00	11,458.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,600.0	0.00	0.00	11,558.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,700.0	0.00	0.00	11,658.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,800.0	0.00	0.00	11,758.8	400.0	586.0	-345.7	0.00	0.00	0.00
11,900.0	0.00	0.00	11,858.8	400.0	586.0	-345.7	0.00	0.00	0.00
12,000.0	0.00	0.00	11,958.8	400.0	586.0	-345.7	0.00	0.00	0.00
12,013.7	0.00	0.00	11,972.5	400.0	586.0	-345.7	0.00	0.00	0.00
KOP(Bandit 29 St Com #706H)									
12,025.0	1.36	179.57	11,983.8	399.9	586.0	-345.6	12.00	12.00	0.00
12,050.0	4.36	179.57	12,008.8	398.6	586.0	-344.3	12.00	12.00	0.00
12,075.0	7.36	179.57	12,033.7	396.1	586.0	-341.8	12.00	12.00	0.00
12,100.0	10.36	179.57	12,058.3	392.2	586.1	-338.0	12.00	12.00	0.00
12,125.0	13.36	179.57	12,082.8	387.1	586.1	-332.8	12.00	12.00	0.00
12,150.0	16.36	179.57	12,107.0	380.7	586.1	-326.5	12.00	12.00	0.00
12,175.0	19.36	179.57	12,130.8	373.0	586.2	-318.8	12.00	12.00	0.00
12,200.0	22.36	179.57	12,154.1	364.1	586.3	-309.9	12.00	12.00	0.00
12,225.0	25.36	179.57	12,177.0	354.0	586.3	-299.9	12.00	12.00	0.00
12,250.0	28.36	179.57	12,199.3	342.7	586.4	-288.6	12.00	12.00	0.00
12,275.0	31.36	179.57	12,221.0	330.3	586.5	-276.2	12.00	12.00	0.00
12,300.0	34.36	179.57	12,242.0	316.7	586.6	-262.7	12.00	12.00	0.00
12,325.0	37.36	179.57	12,262.2	302.1	586.7	-248.1	12.00	12.00	0.00
12,350.0	40.36	179.57	12,281.7	286.4	586.9	-232.5	12.00	12.00	0.00
12,375.0	43.36	179.57	12,300.3	269.7	587.0	-215.8	12.00	12.00	0.00
12,400.0	46.36	179.57	12,318.0	252.1	587.1	-198.3	12.00	12.00	0.00
12,415.9	48.27	179.57	12,328.8	240.4	587.2	-186.6	12.00	12.00	0.00
FTP(Bandit 29 St Com #706H)									
12,425.0	49.36	179.57	12,334.8	233.5	587.3	-179.8	12.00	12.00	0.00
12,450.0	52.36	179.57	12,350.6	214.1	587.4	-160.5	12.00	12.00	0.00
12,475.0	55.36	179.57	12,365.3	194.0	587.6	-140.4	12.00	12.00	0.00
12,500.0	58.36	179.57	12,379.0	173.0	587.7	-119.5	12.00	12.00	0.00
12,525.0	61.36	179.57	12,391.5	151.4	587.9	-98.0	12.00	12.00	0.00
12,550.0	64.36	179.57	12,402.9	129.2	588.1	-75.8	12.00	12.00	0.00
12,575.0	67.36	179.57	12,413.2	106.4	588.2	-53.1	12.00	12.00	0.00
12,600.0	70.36	179.57	12,422.2	83.0	588.4	-29.8	12.00	12.00	0.00
12,625.0	73.36	179.57	12,430.0	59.3	588.6	-6.1	12.00	12.00	0.00
12,650.0	76.36	179.57	12,436.5	35.2	588.8	17.9	12.00	12.00	0.00
12,675.0	79.36	179.57	12,441.8	10.7	589.0	42.3	12.00	12.00	0.00
12,700.0	82.36	179.57	12,445.7	-14.0	589.1	66.9	12.00	12.00	0.00
12,725.0	85.36	179.57	12,448.4	-38.8	589.3	91.6	12.00	12.00	0.00
12,750.0	88.36	179.57	12,449.8	-63.8	589.5	116.5	12.00	12.00	0.00
12,763.7	90.00	179.57	12,450.0	-77.4	589.6	130.1	12.00	12.00	0.00
12,800.0	90.00	179.57	12,450.0	-113.8	589.9	166.3	0.00	0.00	0.00
12,900.0	90.00	179.57	12,450.0	-213.8	590.7	266.0	0.00	0.00	0.00
13,000.0	90.00	179.57	12,450.0	-313.8	591.4	365.6	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)
13,100.0	90.00	179.57	12,450.0	-413.8	592.2	465.3	0.00	0.00	0.00
13,200.0	90.00	179.57	12,450.0	-513.8	592.9	565.0	0.00	0.00	0.00
13,300.0	90.00	179.57	12,450.0	-613.8	593.7	664.6	0.00	0.00	0.00
13,400.0	90.00	179.57	12,450.0	-713.8	594.5	764.3	0.00	0.00	0.00
13,500.0	90.00	179.57	12,450.0	-813.7	595.2	864.0	0.00	0.00	0.00
13,600.0	90.00	179.57	12,450.0	-913.7	596.0	963.6	0.00	0.00	0.00
13,700.0	90.00	179.57	12,450.0	-1,013.7	596.7	1,063.3	0.00	0.00	0.00
13,800.0	90.00	179.57	12,450.0	-1,113.7	597.5	1,162.9	0.00	0.00	0.00
13,900.0	90.00	179.57	12,450.0	-1,213.7	598.3	1,262.6	0.00	0.00	0.00
14,000.0	90.00	179.57	12,450.0	-1,313.7	599.0	1,362.3	0.00	0.00	0.00
14,100.0	90.00	179.57	12,450.0	-1,413.7	599.8	1,461.9	0.00	0.00	0.00
14,200.0	90.00	179.57	12,450.0	-1,513.7	600.5	1,561.6	0.00	0.00	0.00
14,300.0	90.00	179.57	12,450.0	-1,613.7	601.3	1,661.2	0.00	0.00	0.00
14,400.0	90.00	179.57	12,450.0	-1,713.7	602.0	1,760.9	0.00	0.00	0.00
14,500.0	90.00	179.57	12,450.0	-1,813.7	602.8	1,860.6	0.00	0.00	0.00
14,600.0	90.00	179.57	12,450.0	-1,913.7	603.6	1,960.2	0.00	0.00	0.00
14,700.0	90.00	179.57	12,450.0	-2,013.7	604.3	2,059.9	0.00	0.00	0.00
14,800.0	90.00	179.57	12,450.0	-2,113.7	605.1	2,159.5	0.00	0.00	0.00
14,900.0	90.00	179.57	12,450.0	-2,213.7	605.8	2,259.2	0.00	0.00	0.00
15,000.0	90.00	179.57	12,450.0	-2,313.7	606.6	2,358.9	0.00	0.00	0.00
15,100.0	90.00	179.57	12,450.0	-2,413.7	607.4	2,458.5	0.00	0.00	0.00
15,200.0	90.00	179.57	12,450.0	-2,513.7	608.1	2,558.2	0.00	0.00	0.00
15,300.0	90.00	179.57	12,450.0	-2,613.7	608.9	2,657.8	0.00	0.00	0.00
15,400.0	90.00	179.57	12,450.0	-2,713.7	609.6	2,757.5	0.00	0.00	0.00
15,500.0	90.00	179.57	12,450.0	-2,813.7	610.4	2,857.2	0.00	0.00	0.00
15,600.0	90.00	179.57	12,450.0	-2,913.7	611.2	2,956.8	0.00	0.00	0.00
15,700.0	90.00	179.57	12,450.0	-3,013.7	611.9	3,056.5	0.00	0.00	0.00
15,800.0	90.00	179.57	12,450.0	-3,113.7	612.7	3,156.1	0.00	0.00	0.00
15,900.0	90.00	179.57	12,450.0	-3,213.7	613.4	3,255.8	0.00	0.00	0.00
16,000.0	90.00	179.57	12,450.0	-3,313.7	614.2	3,355.5	0.00	0.00	0.00
16,100.0	90.00	179.57	12,450.0	-3,413.7	615.0	3,455.1	0.00	0.00	0.00
16,200.0	90.00	179.57	12,450.0	-3,513.7	615.7	3,554.8	0.00	0.00	0.00
16,300.0	90.00	179.57	12,450.0	-3,613.7	616.5	3,654.4	0.00	0.00	0.00
16,400.0	90.00	179.57	12,450.0	-3,713.7	617.2	3,754.1	0.00	0.00	0.00
16,500.0	90.00	179.57	12,450.0	-3,813.7	618.0	3,853.8	0.00	0.00	0.00
16,600.0	90.00	179.57	12,450.0	-3,913.7	618.8	3,953.4	0.00	0.00	0.00
16,700.0	90.00	179.57	12,450.0	-4,013.7	619.5	4,053.1	0.00	0.00	0.00
16,800.0	90.00	179.57	12,450.0	-4,113.7	620.3	4,152.8	0.00	0.00	0.00
16,900.0	90.00	179.57	12,450.0	-4,213.7	621.0	4,252.4	0.00	0.00	0.00
17,000.0	90.00	179.57	12,450.0	-4,313.6	621.8	4,352.1	0.00	0.00	0.00
17,100.0	90.00	179.57	12,450.0	-4,413.6	622.5	4,451.7	0.00	0.00	0.00
17,200.0	90.00	179.57	12,450.0	-4,513.6	623.3	4,551.4	0.00	0.00	0.00
17,300.0	90.00	179.57	12,450.0	-4,613.6	624.1	4,651.1	0.00	0.00	0.00
17,400.0	90.00	179.57	12,450.0	-4,713.6	624.8	4,750.7	0.00	0.00	0.00
17,500.0	90.00	179.57	12,450.0	-4,813.6	625.6	4,850.4	0.00	0.00	0.00
17,600.0	90.00	179.57	12,450.0	-4,913.6	626.3	4,950.0	0.00	0.00	0.00
17,700.0	90.00	179.57	12,450.0	-5,013.6	627.1	5,049.7	0.00	0.00	0.00
17,800.0	90.00	179.57	12,450.0	-5,113.6	627.9	5,149.4	0.00	0.00	0.00
17,900.0	90.00	179.57	12,450.0	-5,213.6	628.6	5,249.0	0.00	0.00	0.00
18,000.0	90.00	179.57	12,450.0	-5,313.6	629.4	5,348.7	0.00	0.00	0.00
18,100.0	90.00	179.57	12,450.0	-5,413.6	630.1	5,448.3	0.00	0.00	0.00
18,200.0	90.00	179.57	12,450.0	-5,513.6	630.9	5,548.0	0.00	0.00	0.00
18,300.0	90.00	179.57	12,450.0	-5,613.6	631.7	5,647.7	0.00	0.00	0.00
18,400.0	90.00	179.57	12,450.0	-5,713.6	632.4	5,747.3	0.00	0.00	0.00

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #706H
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:	#706H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.2		

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)	
18,500.0	90.00	179.57	12,450.0	-5,813.6	633.2	5,847.0	0.00	0.00	0.00	
18,600.0	90.00	179.57	12,450.0	-5,913.6	633.9	5,946.6	0.00	0.00	0.00	
18,700.0	90.00	179.57	12,450.0	-6,013.6	634.7	6,046.3	0.00	0.00	0.00	
18,800.0	90.00	179.57	12,450.0	-6,113.6	635.5	6,146.0	0.00	0.00	0.00	
18,900.0	90.00	179.57	12,450.0	-6,213.6	636.2	6,245.6	0.00	0.00	0.00	
19,000.0	90.00	179.57	12,450.0	-6,313.6	637.0	6,345.3	0.00	0.00	0.00	
19,100.0	90.00	179.57	12,450.0	-6,413.6	637.7	6,444.9	0.00	0.00	0.00	
19,200.0	90.00	179.57	12,450.0	-6,513.6	638.5	6,544.6	0.00	0.00	0.00	
19,300.0	90.00	179.57	12,450.0	-6,613.6	639.2	6,644.3	0.00	0.00	0.00	
19,400.0	90.00	179.57	12,450.0	-6,713.6	640.0	6,743.9	0.00	0.00	0.00	
19,500.0	90.00	179.57	12,450.0	-6,813.6	640.8	6,843.6	0.00	0.00	0.00	
19,600.0	90.00	179.57	12,450.0	-6,913.6	641.5	6,943.3	0.00	0.00	0.00	
19,700.0	90.00	179.57	12,450.0	-7,013.6	642.3	7,042.9	0.00	0.00	0.00	
19,800.0	90.00	179.57	12,450.0	-7,113.6	643.0	7,142.6	0.00	0.00	0.00	
19,900.0	90.00	179.57	12,450.0	-7,213.6	643.8	7,242.2	0.00	0.00	0.00	
20,000.0	90.00	179.57	12,450.0	-7,313.6	644.6	7,341.9	0.00	0.00	0.00	
20,057.4	90.00	179.57	12,450.0	-7,371.0	645.0	7,399.1	0.00	0.00	0.00	
PBHL(Bandit 29 St Com #706H)										

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										
KOP(Bandit 29 St Com #	0.00	0.00	11,972.5	400.0	586.0	435,734.00	768,926.00	32° 11' 44.771 N	103° 35' 51.323 W	
- plan hits target center										
- Point										
FTP(Bandit 29 St Com #	0.00	0.00	12,450.0	350.0	586.0	435,684.00	768,926.00	32° 11' 44.276 N	103° 35' 51.327 W	
- plan misses target center by 163.4usft at 12415.9usft MD (12328.8 TVD, 240.4 N, 587.2 E)										
- Point										
PBHL(Bandit 29 St Com	0.00	0.00	12,450.0	-7,371.0	645.0	427,963.00	768,985.00	32° 10' 27.871 N	103° 35' 51.255 W	
- plan hits target center										
- Point										