



Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#506H

Plan #0.1

PROJECT DETAILS: Lea County, NM (NAD 83 NME)

Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level



Azimuths to Grid North
True North: -0.39°
Magnetic North: 5.48°
Magnetic Field
Strength: 47809.8anT
Dip Angle: 60.02°
Date: 7/2/2016
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 5.48°
To convert a True Direction to a Grid Direction, Subtract 0.39°

WELL DETAILS: #506H

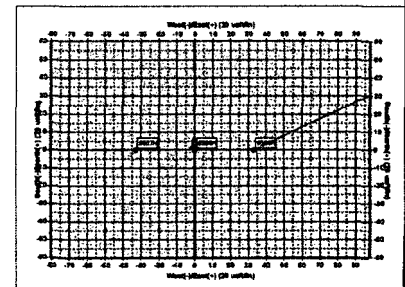
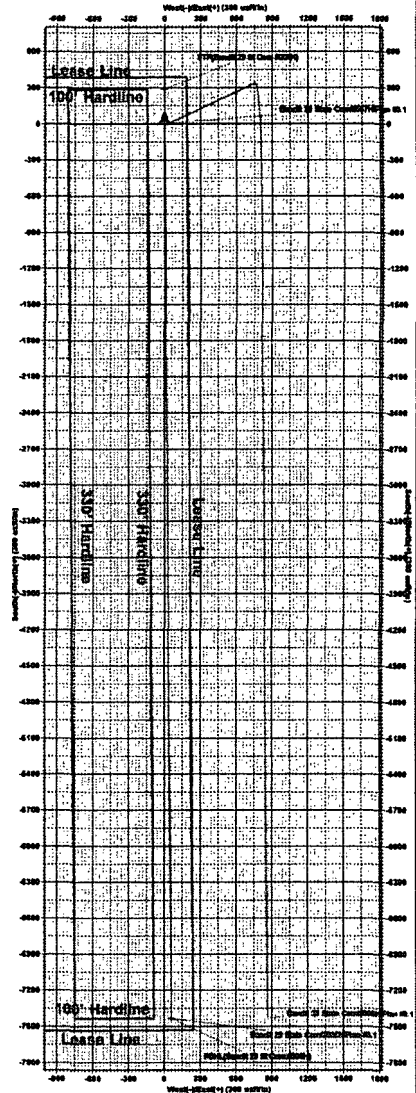
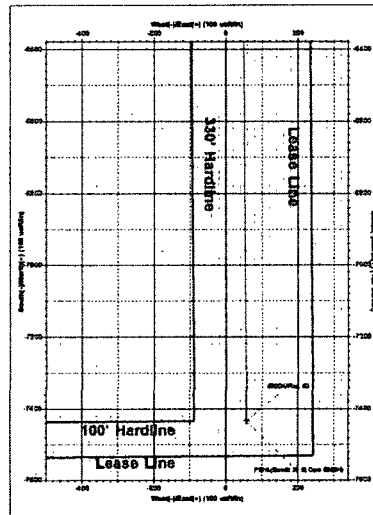
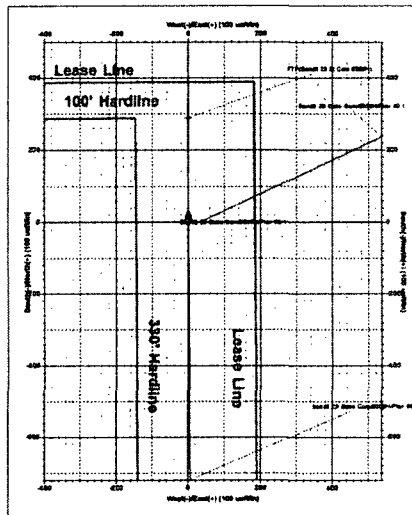
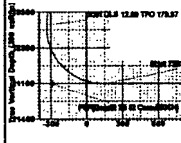
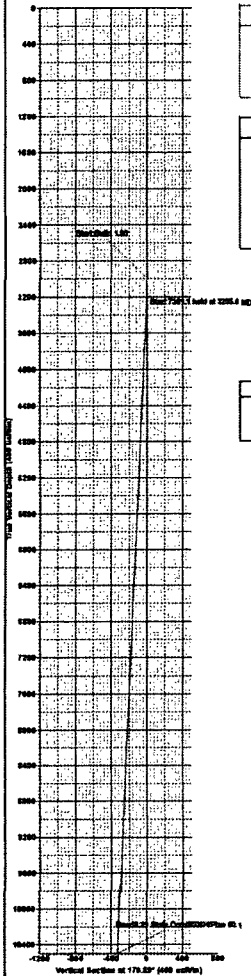
3539.0
KB = 25 @ 3564 Over
Northing 433395.00 Easting 786433.00
Latitude 32° 11' 41.450 N Longitude 103° 38' 57.087 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dieg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.00	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3255.6	2.56	359.59	3255.5	5.7	0.0	1.00	359.59	-5.7	
4	10616.7	2.56	359.59	10609.2	334.0	-2.4	0.00	0.00	-334.0	
5	11388.0	90.00	179.56	11108.0	-143.0	1.3	12.00	179.97	143.0	
6	18679.2	90.00	179.56	11108.0	-7434.0	57.0	0.00	0.00	7434.2	PBHL(Bandit 29 St Com #506H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
PTW(Bandit 29 St Com #506H)	11108.0	277.0	-3.0	433395.00	786433.00	Point
PBHL(Bandit 29 St Com #506H)	11108.0	-7434.0	57.0	427961.00	783430.00	Point



Scale: 1 inch = 100 feet
North Arrow



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#506H

OH

Plan: Plan #0.1

Standard Planning Report

03 July, 2018



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Bandit 29 State Com
 Well: #506H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #506H
 TVD Reference: KB = 25 @ 3564.0usft
 MD Reference: KB = 25 @ 3564.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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:	From: Map	Northing: 435,375.00 usft	Latitude: 32° 11' 41.017 N
		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	#506H		
Well Position	+N/-S 20.0 usft	Northing: 435,395.00 usft	Latitude: 32° 11' 41.450 N
	+E/-W -3,451.0 usft	Easting: 768,433.00 usft	Longitude: 103° 35' 57.087 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	Ground Level: 3,539.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	7/3/2018	6.85	60.02	47,809.76340590

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	179.56

Plan Survey Tool Program		Date 7/3/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1 0.0	18,679.2	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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,255.6	2.56	359.59	3,255.5	5.7	0.0	1.00	1.00	0.00	359.59	
10,616.7	2.56	359.59	10,609.2	334.0	-2.4	0.00	0.00	0.00	0.00	
11,388.0	90.00	179.56	11,108.0	-143.0	1.3	12.00	11.34	23.33	179.97	
18,679.2	90.00	179.56	11,108.0	-7,434.0	57.0	0.00	0.00	0.00	0.00	PBHL(Bandit 29 St C)



Planning Report

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 Project: Lea County, NM (NAD 83 NME)
 Site: Bandit 29 State Corn
 Well: #506H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #506H
 TVD Reference: KB = 25 @ 3564.0usft
 MD Reference: KB = 25 @ 3564.0usft
 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)
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	359.59	3,100.0	0.9	0.0	-0.9	1.00	1.00	0.00
3,200.0	2.00	359.59	3,200.0	3.5	0.0	-3.5	1.00	1.00	0.00
3,255.6	2.56	359.59	3,255.5	5.7	0.0	-5.7	1.00	1.00	0.00
3,300.0	2.56	359.59	3,299.9	7.7	-0.1	-7.7	0.00	0.00	0.00
3,400.0	2.56	359.59	3,399.8	12.1	-0.1	-12.1	0.00	0.00	0.00
3,500.0	2.56	359.59	3,499.7	16.6	-0.1	-16.6	0.00	0.00	0.00
3,600.0	2.56	359.59	3,599.6	21.1	-0.1	-21.1	0.00	0.00	0.00
3,700.0	2.56	359.59	3,699.5	25.5	-0.2	-25.5	0.00	0.00	0.00
3,800.0	2.56	359.59	3,799.4	30.0	-0.2	-30.0	0.00	0.00	0.00
3,900.0	2.56	359.59	3,899.3	34.4	-0.2	-34.4	0.00	0.00	0.00
4,000.0	2.56	359.59	3,999.2	38.9	-0.3	-38.9	0.00	0.00	0.00
4,100.0	2.56	359.59	4,099.1	43.4	-0.3	-43.4	0.00	0.00	0.00
4,200.0	2.56	359.59	4,199.0	47.8	-0.3	-47.8	0.00	0.00	0.00
4,300.0	2.56	359.59	4,298.9	52.3	-0.4	-52.3	0.00	0.00	0.00
4,400.0	2.56	359.59	4,398.8	56.7	-0.4	-56.7	0.00	0.00	0.00
4,500.0	2.56	359.59	4,498.7	61.2	-0.4	-61.2	0.00	0.00	0.00
4,600.0	2.56	359.59	4,598.6	65.7	-0.5	-65.7	0.00	0.00	0.00
4,700.0	2.56	359.59	4,698.5	70.1	-0.5	-70.1	0.00	0.00	0.00
4,800.0	2.56	359.59	4,798.4	74.6	-0.5	-74.6	0.00	0.00	0.00
4,900.0	2.56	359.59	4,898.3	79.0	-0.6	-79.0	0.00	0.00	0.00
5,000.0	2.56	359.59	4,998.2	83.5	-0.6	-83.5	0.00	0.00	0.00
5,100.0	2.56	359.59	5,098.1	88.0	-0.6	-88.0	0.00	0.00	0.00
5,200.0	2.56	359.59	5,198.0	92.4	-0.7	-92.4	0.00	0.00	0.00



Planning Report

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 Project: Lea County, NM (NAD 83 NME)
 Site: Bandit 29 State Com
 Well: #508H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #508H
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 MD Reference: KB = 25 @ 3564.0usft
 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)
5,300.0	2.56	359.59	5,297.9	96.9	-0.7	-96.9	0.00	0.00	0.00
5,400.0	2.56	359.59	5,397.8	101.3	-0.7	-101.3	0.00	0.00	0.00
5,500.0	2.56	359.59	5,497.7	105.8	-0.8	-105.8	0.00	0.00	0.00
5,600.0	2.56	359.59	5,597.6	110.2	-0.8	-110.3	0.00	0.00	0.00
5,700.0	2.56	359.59	5,697.5	114.7	-0.8	-114.7	0.00	0.00	0.00
5,800.0	2.56	359.59	5,797.4	119.2	-0.8	-119.2	0.00	0.00	0.00
5,900.0	2.56	359.59	5,897.3	123.6	-0.9	-123.6	0.00	0.00	0.00
6,000.0	2.56	359.59	5,997.2	128.1	-0.9	-128.1	0.00	0.00	0.00
6,100.0	2.56	359.59	6,097.1	132.5	-0.9	-132.5	0.00	0.00	0.00
6,200.0	2.56	359.59	6,197.0	137.0	-1.0	-137.0	0.00	0.00	0.00
6,300.0	2.56	359.59	6,296.9	141.5	-1.0	-141.5	0.00	0.00	0.00
6,400.0	2.56	359.59	6,396.8	145.9	-1.0	-145.9	0.00	0.00	0.00
6,500.0	2.56	359.59	6,496.7	150.4	-1.1	-150.4	0.00	0.00	0.00
6,600.0	2.56	359.59	6,596.6	154.8	-1.1	-154.8	0.00	0.00	0.00
6,700.0	2.56	359.59	6,696.5	159.3	-1.1	-159.3	0.00	0.00	0.00
6,800.0	2.56	359.59	6,796.4	163.8	-1.2	-163.8	0.00	0.00	0.00
6,900.0	2.56	359.59	6,896.3	168.2	-1.2	-168.2	0.00	0.00	0.00
7,000.0	2.56	359.59	6,996.2	172.7	-1.2	-172.7	0.00	0.00	0.00
7,100.0	2.56	359.59	7,096.1	177.1	-1.3	-177.1	0.00	0.00	0.00
7,200.0	2.56	359.59	7,196.0	181.6	-1.3	-181.6	0.00	0.00	0.00
7,300.0	2.56	359.59	7,295.9	186.1	-1.3	-186.1	0.00	0.00	0.00
7,400.0	2.56	359.59	7,395.8	190.5	-1.4	-190.5	0.00	0.00	0.00
7,500.0	2.56	359.59	7,495.7	195.0	-1.4	-195.0	0.00	0.00	0.00
7,600.0	2.56	359.59	7,595.6	199.4	-1.4	-199.4	0.00	0.00	0.00
7,700.0	2.56	359.59	7,695.5	203.9	-1.4	-203.9	0.00	0.00	0.00
7,800.0	2.56	359.59	7,795.4	208.4	-1.5	-208.4	0.00	0.00	0.00
7,900.0	2.56	359.59	7,895.3	212.8	-1.5	-212.8	0.00	0.00	0.00
8,000.0	2.56	359.59	7,995.2	217.3	-1.5	-217.3	0.00	0.00	0.00
8,100.0	2.56	359.59	8,095.1	221.7	-1.6	-221.7	0.00	0.00	0.00
8,200.0	2.56	359.59	8,195.0	226.2	-1.6	-226.2	0.00	0.00	0.00
8,300.0	2.56	359.59	8,294.9	230.7	-1.6	-230.7	0.00	0.00	0.00
8,400.0	2.56	359.59	8,394.8	235.1	-1.7	-235.1	0.00	0.00	0.00
8,500.0	2.56	359.59	8,494.7	239.6	-1.7	-239.6	0.00	0.00	0.00
8,600.0	2.56	359.59	8,594.6	244.0	-1.7	-244.0	0.00	0.00	0.00
8,700.0	2.56	359.59	8,694.5	248.5	-1.8	-248.5	0.00	0.00	0.00
8,800.0	2.56	359.59	8,794.4	253.0	-1.8	-253.0	0.00	0.00	0.00
8,900.0	2.56	359.59	8,894.3	257.4	-1.8	-257.4	0.00	0.00	0.00
9,000.0	2.56	359.59	8,994.2	261.9	-1.9	-261.9	0.00	0.00	0.00
9,100.0	2.56	359.59	9,094.1	266.3	-1.9	-266.3	0.00	0.00	0.00
9,200.0	2.56	359.59	9,194.0	270.8	-1.9	-270.8	0.00	0.00	0.00
9,300.0	2.56	359.59	9,293.9	275.2	-2.0	-275.3	0.00	0.00	0.00
9,400.0	2.56	359.59	9,393.8	279.7	-2.0	-279.7	0.00	0.00	0.00
9,500.0	2.56	359.59	9,493.7	284.2	-2.0	-284.2	0.00	0.00	0.00
9,600.0	2.56	359.59	9,593.6	288.6	-2.0	-288.6	0.00	0.00	0.00
9,700.0	2.56	359.59	9,693.5	293.1	-2.1	-293.1	0.00	0.00	0.00
9,800.0	2.56	359.59	9,793.4	297.5	-2.1	-297.6	0.00	0.00	0.00
9,900.0	2.56	359.59	9,893.3	302.0	-2.1	-302.0	0.00	0.00	0.00
10,000.0	2.56	359.59	9,993.2	306.5	-2.2	-306.5	0.00	0.00	0.00
10,100.0	2.56	359.59	10,093.1	310.9	-2.2	-310.9	0.00	0.00	0.00
10,200.0	2.56	359.59	10,193.0	315.4	-2.2	-315.4	0.00	0.00	0.00
10,300.0	2.56	359.59	10,292.9	319.8	-2.3	-319.9	0.00	0.00	0.00
10,400.0	2.56	359.59	10,392.8	324.3	-2.3	-324.3	0.00	0.00	0.00
10,500.0	2.56	359.59	10,492.7	328.8	-2.3	-328.8	0.00	0.00	0.00
10,600.0	2.56	359.59	10,592.6	333.2	-2.4	-333.2	0.00	0.00	0.00



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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)
10,616.7	2.56	359.59	10,609.2	334.0	-2.4	-334.0	0.00	0.00	0.00
10,625.0	1.55	359.61	10,617.6	334.3	-2.4	-334.3	12.00	-12.00	0.24
10,650.0	1.45	179.51	10,642.6	334.3	-2.4	-334.3	12.00	-0.43	719.58
10,675.0	4.45	179.54	10,667.5	333.0	-2.4	-333.0	12.00	12.00	0.15
10,700.0	7.45	179.55	10,692.4	330.4	-2.3	-330.4	12.00	12.00	0.03
10,725.0	10.45	179.55	10,717.1	326.5	-2.3	-326.5	12.00	12.00	0.01
10,750.0	13.45	179.56	10,741.6	321.4	-2.3	-321.4	12.00	12.00	0.01
10,775.0	16.45	179.56	10,765.7	314.9	-2.2	-314.9	12.00	12.00	0.00
10,800.0	19.45	179.56	10,789.5	307.2	-2.2	-307.2	12.00	12.00	0.00
10,825.0	22.45	179.56	10,812.8	298.3	-2.1	-298.3	12.00	12.00	0.00
10,850.0	25.45	179.56	10,835.7	288.1	-2.0	-288.1	12.00	12.00	0.00
10,875.0	28.45	179.56	10,858.0	276.8	-1.9	-276.8	12.00	12.00	0.00
10,900.0	31.45	179.56	10,879.6	264.3	-1.8	-264.3	12.00	12.00	0.00
10,925.0	34.45	179.56	10,900.6	250.7	-1.7	-250.7	12.00	12.00	0.00
10,950.0	37.45	179.56	10,920.8	236.0	-1.6	-236.1	12.00	12.00	0.00
10,975.0	40.45	179.56	10,940.3	220.3	-1.5	-220.3	12.00	12.00	0.00
11,000.0	43.45	179.56	10,958.9	203.6	-1.4	-203.6	12.00	12.00	0.00
11,025.0	46.45	179.56	10,976.6	186.0	-1.2	-186.0	12.00	12.00	0.00
11,038.0	48.01	179.56	10,985.4	176.4	-1.2	-176.4	12.00	12.00	0.00
FTP(Bandit 29 St Com #506H)									
11,050.0	49.45	179.56	10,993.3	167.4	-1.1	-167.4	12.00	12.00	0.00
11,075.0	52.45	179.56	11,009.1	148.0	-0.9	-148.0	12.00	12.00	0.00
11,100.0	55.45	179.56	11,023.8	127.8	-0.8	-127.8	12.00	12.00	0.00
11,125.0	58.45	179.56	11,037.4	106.8	-0.6	-106.8	12.00	12.00	0.00
11,150.0	61.45	179.56	11,049.9	85.2	-0.5	-85.2	12.00	12.00	0.00
11,175.0	64.45	179.56	11,061.3	62.9	-0.3	-62.9	12.00	12.00	0.00
11,200.0	67.45	179.56	11,071.5	40.1	-0.1	-40.1	12.00	12.00	0.00
11,225.0	70.45	179.56	11,080.5	16.8	0.1	-16.8	12.00	12.00	0.00
11,250.0	73.45	179.56	11,088.2	-7.0	0.2	7.0	12.00	12.00	0.00
11,275.0	76.45	179.56	11,094.7	-31.1	0.4	31.1	12.00	12.00	0.00
11,300.0	79.45	179.56	11,099.9	-55.8	0.6	55.6	12.00	12.00	0.00
11,325.0	82.45	179.56	11,103.9	-80.2	0.8	80.3	12.00	12.00	0.00
11,350.0	85.45	179.56	11,106.5	-105.1	1.0	105.1	12.00	12.00	0.00
11,375.0	88.45	179.56	11,107.8	-130.1	1.2	130.1	12.00	12.00	0.00
11,388.0	90.00	179.56	11,108.0	-143.0	1.3	143.0	12.00	12.00	0.00
11,400.0	90.00	179.56	11,108.0	-155.1	1.4	155.1	0.00	0.00	0.00
11,500.0	90.00	179.56	11,108.0	-255.1	2.1	255.1	0.00	0.00	0.00
11,600.0	90.00	179.56	11,108.0	-355.1	2.9	355.1	0.00	0.00	0.00
11,700.0	90.00	179.56	11,108.0	-455.1	3.7	455.1	0.00	0.00	0.00
11,800.0	90.00	179.56	11,108.0	-555.1	4.4	555.1	0.00	0.00	0.00
11,900.0	90.00	179.56	11,108.0	-655.0	5.2	655.1	0.00	0.00	0.00
12,000.0	90.00	179.56	11,108.0	-755.0	6.0	755.1	0.00	0.00	0.00
12,100.0	90.00	179.56	11,108.0	-855.0	6.7	855.1	0.00	0.00	0.00
12,200.0	90.00	179.56	11,108.0	-955.0	7.5	955.1	0.00	0.00	0.00
12,300.0	90.00	179.56	11,108.0	-1,055.0	8.3	1,055.1	0.00	0.00	0.00
12,400.0	90.00	179.56	11,108.0	-1,155.0	9.0	1,155.1	0.00	0.00	0.00
12,500.0	90.00	179.56	11,108.0	-1,255.0	9.8	1,255.1	0.00	0.00	0.00
12,600.0	90.00	179.56	11,108.0	-1,355.0	10.5	1,355.1	0.00	0.00	0.00
12,700.0	90.00	179.56	11,108.0	-1,455.0	11.3	1,455.1	0.00	0.00	0.00
12,800.0	90.00	179.56	11,108.0	-1,555.0	12.1	1,555.1	0.00	0.00	0.00
12,900.0	90.00	179.56	11,108.0	-1,655.0	12.8	1,655.1	0.00	0.00	0.00
13,000.0	90.00	179.56	11,108.0	-1,755.0	13.6	1,755.1	0.00	0.00	0.00
13,100.0	90.00	179.56	11,108.0	-1,855.0	14.4	1,855.1	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Bandit 29 State Com
 Well: #506H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #506H
 TVD Reference: KB = 25 @ 3564.0usft
 MD Reference: KB = 25 @ 3564.0usft
 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)
13,200.0	90.00	179.56	11,108.0	-1,955.0	15.1	1,955.1	0.00	0.00	0.00
13,300.0	90.00	179.56	11,108.0	-2,055.0	15.9	2,055.1	0.00	0.00	0.00
13,400.0	90.00	179.56	11,108.0	-2,155.0	16.7	2,155.1	0.00	0.00	0.00
13,500.0	90.00	179.56	11,108.0	-2,255.0	17.4	2,255.1	0.00	0.00	0.00
13,600.0	90.00	179.56	11,108.0	-2,355.0	18.2	2,355.1	0.00	0.00	0.00
13,700.0	90.00	179.56	11,108.0	-2,455.0	19.0	2,455.1	0.00	0.00	0.00
13,800.0	90.00	179.56	11,108.0	-2,555.0	19.7	2,555.1	0.00	0.00	0.00
13,900.0	90.00	179.56	11,108.0	-2,655.0	20.5	2,655.1	0.00	0.00	0.00
14,000.0	90.00	179.56	11,108.0	-2,755.0	21.2	2,755.1	0.00	0.00	0.00
14,100.0	90.00	179.56	11,108.0	-2,855.0	22.0	2,855.1	0.00	0.00	0.00
14,200.0	90.00	179.56	11,108.0	-2,955.0	22.8	2,955.1	0.00	0.00	0.00
14,300.0	90.00	179.56	11,108.0	-3,055.0	23.5	3,055.1	0.00	0.00	0.00
14,400.0	90.00	179.56	11,108.0	-3,155.0	24.3	3,155.1	0.00	0.00	0.00
14,500.0	90.00	179.56	11,108.0	-3,255.0	25.1	3,255.1	0.00	0.00	0.00
14,600.0	90.00	179.56	11,108.0	-3,355.0	25.8	3,355.1	0.00	0.00	0.00
14,700.0	90.00	179.56	11,108.0	-3,455.0	26.6	3,455.1	0.00	0.00	0.00
14,800.0	90.00	179.56	11,108.0	-3,555.0	27.4	3,555.1	0.00	0.00	0.00
14,900.0	90.00	179.56	11,108.0	-3,655.0	28.1	3,655.1	0.00	0.00	0.00
15,000.0	90.00	179.56	11,108.0	-3,755.0	28.9	3,755.1	0.00	0.00	0.00
15,100.0	90.00	179.56	11,108.0	-3,855.0	29.7	3,855.1	0.00	0.00	0.00
15,200.0	90.00	179.56	11,108.0	-3,955.0	30.4	3,955.1	0.00	0.00	0.00
15,300.0	90.00	179.56	11,108.0	-4,054.9	31.2	4,055.1	0.00	0.00	0.00
15,400.0	90.00	179.56	11,108.0	-4,154.9	31.9	4,155.1	0.00	0.00	0.00
15,500.0	90.00	179.56	11,108.0	-4,254.9	32.7	4,255.1	0.00	0.00	0.00
15,600.0	90.00	179.56	11,108.0	-4,354.9	33.5	4,355.1	0.00	0.00	0.00
15,700.0	90.00	179.56	11,108.0	-4,454.9	34.2	4,455.1	0.00	0.00	0.00
15,800.0	90.00	179.56	11,108.0	-4,554.9	35.0	4,555.1	0.00	0.00	0.00
15,900.0	90.00	179.56	11,108.0	-4,654.9	35.8	4,655.1	0.00	0.00	0.00
16,000.0	90.00	179.56	11,108.0	-4,754.9	36.5	4,755.1	0.00	0.00	0.00
16,100.0	90.00	179.56	11,108.0	-4,854.9	37.3	4,855.1	0.00	0.00	0.00
16,200.0	90.00	179.56	11,108.0	-4,954.9	38.1	4,955.1	0.00	0.00	0.00
16,300.0	90.00	179.56	11,108.0	-5,054.9	38.8	5,055.1	0.00	0.00	0.00
16,400.0	90.00	179.56	11,108.0	-5,154.9	39.6	5,155.1	0.00	0.00	0.00
16,500.0	90.00	179.56	11,108.0	-5,254.9	40.3	5,255.1	0.00	0.00	0.00
16,600.0	90.00	179.56	11,108.0	-5,354.9	41.1	5,355.1	0.00	0.00	0.00
16,700.0	90.00	179.56	11,108.0	-5,454.9	41.9	5,455.1	0.00	0.00	0.00
16,800.0	90.00	179.56	11,108.0	-5,554.9	42.6	5,555.1	0.00	0.00	0.00
16,900.0	90.00	179.56	11,108.0	-5,654.9	43.4	5,655.1	0.00	0.00	0.00
17,000.0	90.00	179.56	11,108.0	-5,754.9	44.2	5,755.1	0.00	0.00	0.00
17,100.0	90.00	179.56	11,108.0	-5,854.9	44.9	5,855.1	0.00	0.00	0.00
17,200.0	90.00	179.56	11,108.0	-5,954.9	45.7	5,955.1	0.00	0.00	0.00
17,300.0	90.00	179.56	11,108.0	-6,054.9	46.5	6,055.1	0.00	0.00	0.00
17,400.0	90.00	179.56	11,108.0	-6,154.9	47.2	6,155.1	0.00	0.00	0.00
17,500.0	90.00	179.56	11,108.0	-6,254.9	48.0	6,255.1	0.00	0.00	0.00
17,600.0	90.00	179.56	11,108.0	-6,354.9	48.8	6,355.1	0.00	0.00	0.00
17,700.0	90.00	179.56	11,108.0	-6,454.9	49.5	6,455.1	0.00	0.00	0.00
17,800.0	90.00	179.56	11,108.0	-6,554.9	50.3	6,555.1	0.00	0.00	0.00
17,900.0	90.00	179.56	11,108.0	-6,654.9	51.0	6,655.1	0.00	0.00	0.00
18,000.0	90.00	179.56	11,108.0	-6,754.9	51.8	6,755.1	0.00	0.00	0.00
18,100.0	90.00	179.56	11,108.0	-6,854.9	52.6	6,855.1	0.00	0.00	0.00
18,200.0	90.00	179.56	11,108.0	-6,954.9	53.3	6,955.1	0.00	0.00	0.00
18,300.0	90.00	179.56	11,108.0	-7,054.9	54.1	7,055.1	0.00	0.00	0.00
18,400.0	90.00	179.56	11,108.0	-7,154.9	54.9	7,155.1	0.00	0.00	0.00
18,500.0	90.00	179.56	11,108.0	-7,254.9	55.6	7,255.1	0.00	0.00	0.00



Planning Report

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #506H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3564.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3564.0usft
Site:	Bandit 29 State Com	North Reference:	Grid
Well:	#506H	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)
18,600.0	90.00	179.56	11,108.0	-7,354.9	56.4	7,355.1	0.00	0.00	0.00
18,679.2	90.00	179.56	11,108.0	-7,434.0	57.0	7,434.2	0.00	0.00	0.00
PBHL(Bandit 29 St Com #506H)									

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	0.01	11,108.0	-7,434.0	57.0	427,961.00	768,490.00	32° 10' 27.884 N	103° 35' 57.015 W
- plan hits target center									
- Point									
FTP(Bandit 29 St Com #	0.00	0.01	11,108.0	287.0	-2.0	435,682.00	768,431.00	32° 11' 44.290 N	103° 35' 57.088 W
- plan misses target center by 165.1usft at 11038.0usft MD (10985.4 TVD, 176.4 N, -1.2 E)									
- Point									

EOG RESOURCES, INC.
BANDIT 29 STATE COM #506H

Emergency Assistance Telephone List

PUBLIC SAFETY: **911 or**

Lea County Sheriff's Department (575) 396-3611

Rod Coffman

Fire Department:

Carlsbad (575) 885-3125

Artesia (575) 746-5050

Hospitals:

Carlsbad (575) 887-4121

Artesia (575) 748-3333

Hobbs (575) 392-1979

Dept. of Public Safety/Carlsbad (575) 748-9718

Highway Department (575) 885-3281

New Mexico Oil Conservation (575) 476-3440

U.S. Dept. of Labor (575) 887-1174

EOG Resources, Inc.

EOG / Midland Office (432) 686-3600

Company Drilling Consultants:

David Dominque Cell (985) 518-5839

Mike Vann Cell (817) 980-5507

Drilling Engineer

Steve Munsell Office (432) 686-3609

Cell (432) 894-1256

Drilling Manager

Floyd Hernandez Office (432) 686-3716

Cell (817) 682-4569

Drilling Superintendent

Jason Fitzgerald Office (432) 848-9029

Cell (318) 347-3916

H&P Drilling

H&P Drilling Office (432) 563-5757

H&P 651 Drilling Rig Rig (903) 509-7131

Tool Pusher:

Johnathan Craig Cell (817) 760-6374

Brad Garrett

Safety

Brian Chandler (HSE Manager) Office (432) 686-3695

Cell (817) 239-0251