



Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#502H

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: -4.40°
Magnetic North: 6.50°
Magnetic Field
Strength: 47858.5anT
Dip Angle: 66.03°
Date: 1/15/2018
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 6.50°
To convert a Magnetic Direction to a True Direction, Add 6.90° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

WELL DETAILS #502H

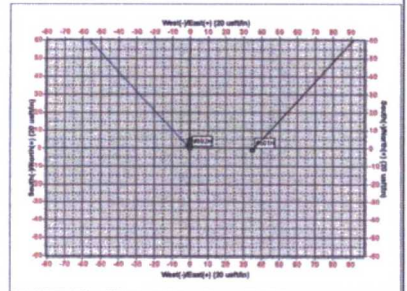
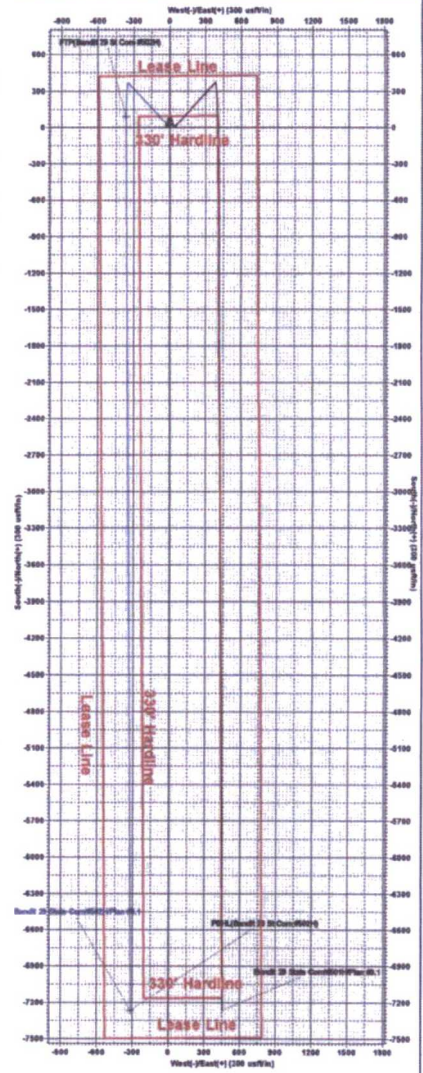
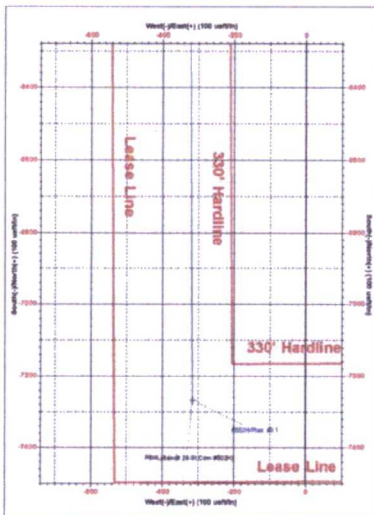
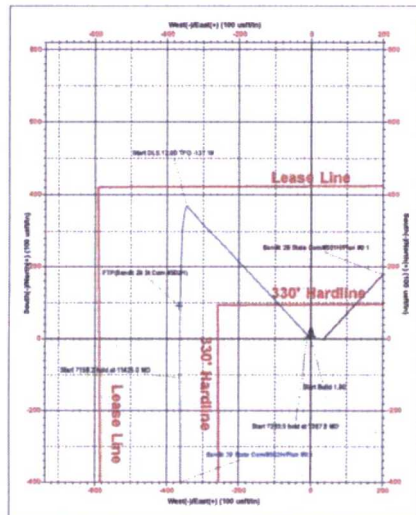
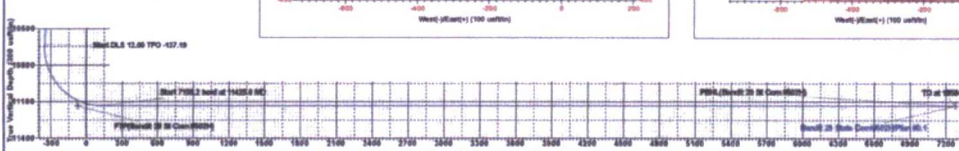
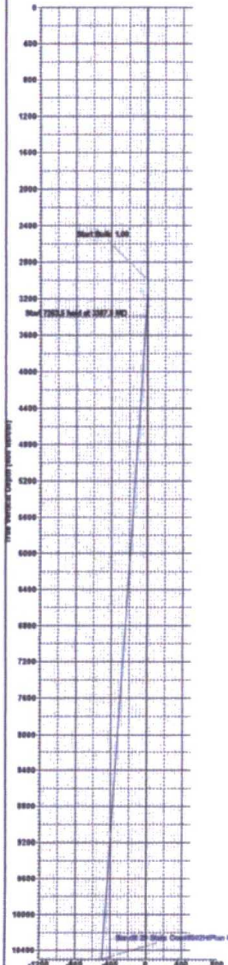
	+N-S	+E-W	Northing	KB = 25 @ 3553 Dwell	Longitude	Slot
	0.0	0.0	436376.00	771849.00 32° 11' 41.029 N	103° 39' 17.337 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	Vsect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	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	3387.8	3.88	316.86	3387.5	9.6	-9.0	1.00	316.86	-9.2	
4	10651.3	3.88	316.86	10634.3	368.1	-344.9	0.00	0.00	-352.8	
5	11425.0	90.00	179.80	11135.0	-109.0	-364.6	12.00	-137.19	124.7	
6	18584.2	90.00	179.80	11135.0	-7268.0	-315.0	0.00	0.00	7274.8	PBHL(Bandit 29 St Com #502H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
FTP(Bandit 29 St Com #502H)	11135.0	91.0	-368.0	436487.00	771853.00	Point
PBHL(Bandit 29 St Com #502H)	11135.0	-7268.0	-315.0	428108.00	771534.00	Point



Scale: 1 inch = 100 feet
Date: 1/15/2018
Page: 1 of 1
Plan #0.1



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Bandit 29 State Com

#502H

OH

Plan: Plan #0.1

Standard Planning Report

17 January, 2018



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Bandit 29 State Com
Well: #502H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #502H
TVD Reference: KB = 25 @ 3553.0usft
MD Reference: KB = 25 @ 3553.0usft
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 #502H

Well Position +N/-S 1.0 usft Northing: 435,376.00 usft Latitude: 32° 11' 41.029 N
 +E/-W -35.0 usft Easting: 771,849.00 usft Longitude: 103° 35' 17.337 W
Position Uncertainty 0.0 usft Wellhead Elevation: Ground Level: 3,528.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	1/15/2018	6.90	60.03	47,858.52682006

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	182.48

Plan Survey Tool Program Date 1/15/2018

Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	18,584.2 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	
3,387.8	3.88	316.86	3,387.5	9.6	-9.0	1.00	1.00	0.00	316.86	
10,651.3	3.88	316.86	10,634.3	368.1	-344.9	0.00	0.00	0.00	0.00	
11,425.0	90.00	179.60	11,135.0	-109.0	-364.6	12.00	11.13	-17.74	-137.19	
18,584.2	90.00	179.60	11,135.0	-7,268.0	-315.0	0.00	0.00	0.00	0.00	PBHL(Bandit 29 St C



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Bandit 29 State Corn
 Well: #502H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference:
 TVD Reference: KB = 25 @ 3553.0usft
 MD Reference: KB = 25 @ 3553.0usft
 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	316.86	3,100.0	0.6	-0.6	-0.6	1.00	1.00	0.00
3,200.0	2.00	316.86	3,200.0	2.5	-2.4	-2.4	1.00	1.00	0.00
3,300.0	3.00	316.86	3,299.9	5.7	-5.4	-5.5	1.00	1.00	0.00
3,387.8	3.88	316.86	3,387.5	9.6	-9.0	-9.2	1.00	1.00	0.00
3,400.0	3.88	316.86	3,399.7	10.2	-9.5	-9.8	0.00	0.00	0.00
3,500.0	3.88	316.86	3,499.4	15.1	-14.2	-14.5	0.00	0.00	0.00
3,600.0	3.88	316.86	3,599.2	20.0	-18.8	-19.2	0.00	0.00	0.00
3,700.0	3.88	316.86	3,699.0	25.0	-23.4	-23.9	0.00	0.00	0.00
3,800.0	3.88	316.86	3,798.8	29.9	-28.0	-28.7	0.00	0.00	0.00
3,900.0	3.88	316.86	3,898.5	34.9	-32.7	-33.4	0.00	0.00	0.00
4,000.0	3.88	316.86	3,998.3	39.8	-37.3	-38.1	0.00	0.00	0.00
4,100.0	3.88	316.86	4,098.1	44.7	-41.9	-42.9	0.00	0.00	0.00
4,200.0	3.88	316.86	4,197.8	49.7	-46.5	-47.6	0.00	0.00	0.00
4,300.0	3.88	316.86	4,297.6	54.6	-51.2	-52.3	0.00	0.00	0.00
4,400.0	3.88	316.86	4,397.4	59.5	-55.8	-57.1	0.00	0.00	0.00
4,500.0	3.88	316.86	4,497.2	64.5	-60.4	-61.8	0.00	0.00	0.00
4,600.0	3.88	316.86	4,596.9	69.4	-65.0	-66.5	0.00	0.00	0.00
4,700.0	3.88	316.86	4,696.7	74.3	-69.7	-71.2	0.00	0.00	0.00
4,800.0	3.88	316.86	4,796.5	79.3	-74.3	-76.0	0.00	0.00	0.00
4,900.0	3.88	316.86	4,896.2	84.2	-78.9	-80.7	0.00	0.00	0.00
5,000.0	3.88	316.86	4,996.0	89.1	-83.5	-85.4	0.00	0.00	0.00
5,100.0	3.88	316.86	5,095.8	94.1	-88.2	-90.2	0.00	0.00	0.00
5,200.0	3.88	316.86	5,195.6	99.0	-92.8	-94.9	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 Corn
Well: #502H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference: KB = 25 @ 3553.0usft
MD Reference: KB = 25 @ 3553.0usft
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	3.88	316.86	5,295.3	103.9	-97.4	-99.6	0.00	0.00	0.00
5,400.0	3.88	316.86	5,395.1	108.9	-102.0	-104.4	0.00	0.00	0.00
5,500.0	3.88	316.86	5,494.9	113.8	-106.7	-109.1	0.00	0.00	0.00
5,600.0	3.88	316.86	5,594.6	118.8	-111.3	-113.8	0.00	0.00	0.00
5,700.0	3.88	316.86	5,694.4	123.7	-115.9	-118.6	0.00	0.00	0.00
5,800.0	3.88	316.86	5,794.2	128.6	-120.5	-123.3	0.00	0.00	0.00
5,900.0	3.88	316.86	5,894.0	133.6	-125.2	-128.0	0.00	0.00	0.00
6,000.0	3.88	316.86	5,993.7	138.5	-129.8	-132.7	0.00	0.00	0.00
6,100.0	3.88	316.86	6,093.5	143.4	-134.4	-137.5	0.00	0.00	0.00
6,200.0	3.88	316.86	6,193.3	148.4	-139.0	-142.2	0.00	0.00	0.00
6,300.0	3.88	316.86	6,293.0	153.3	-143.7	-146.9	0.00	0.00	0.00
6,400.0	3.88	316.86	6,392.8	158.2	-148.3	-151.7	0.00	0.00	0.00
6,500.0	3.88	316.86	6,492.6	163.2	-152.9	-156.4	0.00	0.00	0.00
6,600.0	3.88	316.86	6,592.3	168.1	-157.5	-161.1	0.00	0.00	0.00
6,700.0	3.88	316.86	6,692.1	173.0	-162.1	-165.9	0.00	0.00	0.00
6,800.0	3.88	316.86	6,791.9	178.0	-166.8	-170.6	0.00	0.00	0.00
6,900.0	3.88	316.86	6,891.7	182.9	-171.4	-175.3	0.00	0.00	0.00
7,000.0	3.88	316.86	6,991.4	187.8	-176.0	-180.0	0.00	0.00	0.00
7,100.0	3.88	316.86	7,091.2	192.8	-180.6	-184.8	0.00	0.00	0.00
7,200.0	3.88	316.86	7,191.0	197.7	-185.3	-189.5	0.00	0.00	0.00
7,300.0	3.88	316.86	7,290.7	202.7	-189.9	-194.2	0.00	0.00	0.00
7,400.0	3.88	316.86	7,390.5	207.6	-194.5	-199.0	0.00	0.00	0.00
7,500.0	3.88	316.86	7,490.3	212.5	-199.1	-203.7	0.00	0.00	0.00
7,600.0	3.88	316.86	7,590.1	217.5	-203.8	-208.4	0.00	0.00	0.00
7,700.0	3.88	316.86	7,689.8	222.4	-208.4	-213.2	0.00	0.00	0.00
7,800.0	3.88	316.86	7,789.6	227.3	-213.0	-217.9	0.00	0.00	0.00
7,900.0	3.88	316.86	7,889.4	232.3	-217.6	-222.6	0.00	0.00	0.00
8,000.0	3.88	316.86	7,989.1	237.2	-222.3	-227.4	0.00	0.00	0.00
8,100.0	3.88	316.86	8,088.9	242.1	-226.9	-232.1	0.00	0.00	0.00
8,200.0	3.88	316.86	8,188.7	247.1	-231.5	-236.8	0.00	0.00	0.00
8,300.0	3.88	316.86	8,288.5	252.0	-236.1	-241.5	0.00	0.00	0.00
8,400.0	3.88	316.86	8,388.2	256.9	-240.8	-246.3	0.00	0.00	0.00
8,500.0	3.88	316.86	8,488.0	261.9	-245.4	-251.0	0.00	0.00	0.00
8,600.0	3.88	316.86	8,587.8	266.8	-250.0	-255.7	0.00	0.00	0.00
8,700.0	3.88	316.86	8,687.5	271.7	-254.6	-260.5	0.00	0.00	0.00
8,800.0	3.88	316.86	8,787.3	276.7	-259.3	-265.2	0.00	0.00	0.00
8,900.0	3.88	316.86	8,887.1	281.6	-263.9	-269.9	0.00	0.00	0.00
9,000.0	3.88	316.86	8,986.9	286.6	-268.5	-274.7	0.00	0.00	0.00
9,100.0	3.88	316.86	9,086.6	291.5	-273.1	-279.4	0.00	0.00	0.00
9,200.0	3.88	316.86	9,186.4	296.4	-277.8	-284.1	0.00	0.00	0.00
9,300.0	3.88	316.86	9,286.2	301.4	-282.4	-288.9	0.00	0.00	0.00
9,400.0	3.88	316.86	9,385.9	306.3	-287.0	-293.6	0.00	0.00	0.00
9,500.0	3.88	316.86	9,485.7	311.2	-291.6	-298.3	0.00	0.00	0.00
9,600.0	3.88	316.86	9,585.5	316.2	-296.3	-303.0	0.00	0.00	0.00
9,700.0	3.88	316.86	9,685.2	321.1	-300.9	-307.8	0.00	0.00	0.00
9,800.0	3.88	316.86	9,785.0	326.0	-305.5	-312.5	0.00	0.00	0.00
9,900.0	3.88	316.86	9,884.8	331.0	-310.1	-317.2	0.00	0.00	0.00
10,000.0	3.88	316.86	9,984.6	335.9	-314.8	-322.0	0.00	0.00	0.00
10,100.0	3.88	316.86	10,084.3	340.8	-319.4	-326.7	0.00	0.00	0.00
10,200.0	3.88	316.86	10,184.1	345.8	-324.0	-331.4	0.00	0.00	0.00
10,300.0	3.88	316.86	10,283.9	350.7	-328.6	-336.2	0.00	0.00	0.00
10,400.0	3.88	316.86	10,383.6	355.7	-333.3	-340.9	0.00	0.00	0.00
10,500.0	3.88	316.86	10,483.4	360.6	-337.9	-345.6	0.00	0.00	0.00
10,600.0	3.88	316.86	10,583.2	365.5	-342.5	-350.3	0.00	0.00	0.00

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

Well #502H
KB = 25 @ 3553.0usft
KB = 25 @ 3553.0usft
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)
10,651.3	3.88	316.86	10,634.3	368.1	-344.9	-352.8	0.00	0.00	0.00
10,675.0	2.63	269.61	10,658.0	368.6	-346.0	-353.3	12.00	-5.24	-199.17
10,700.0	3.99	220.86	10,683.0	368.0	-347.1	-352.6	12.00	5.43	-195.02
10,725.0	6.55	203.22	10,707.9	366.0	-348.3	-350.6	12.00	10.24	-70.53
10,750.0	9.37	195.79	10,732.6	362.7	-349.4	-347.3	12.00	11.29	-29.75
10,775.0	12.28	191.80	10,757.2	358.2	-350.5	-342.7	12.00	11.63	-15.92
10,800.0	15.22	189.34	10,781.5	352.3	-351.5	-336.8	12.00	11.77	-9.87
10,825.0	18.19	187.65	10,805.4	345.2	-352.6	-329.6	12.00	11.84	-6.73
10,850.0	21.16	186.43	10,829.0	336.9	-353.6	-321.2	12.00	11.89	-4.89
10,875.0	24.14	185.50	10,852.0	327.3	-354.6	-311.6	12.00	11.91	-3.74
10,900.0	27.12	184.76	10,874.6	316.5	-355.6	-300.8	12.00	11.93	-2.96
10,925.0	30.10	184.15	10,896.5	304.6	-356.5	-288.9	12.00	11.94	-2.41
10,950.0	33.09	183.65	10,917.8	291.5	-357.4	-275.8	12.00	11.95	-2.01
10,975.0	36.08	183.22	10,938.4	277.4	-358.2	-261.6	12.00	11.96	-1.71
11,000.0	39.07	182.85	10,958.2	262.1	-359.1	-246.3	12.00	11.97	-1.48
11,025.0	42.07	182.53	10,977.2	245.9	-359.8	-230.1	12.00	11.97	-1.31
11,050.0	45.06	182.23	10,995.3	228.7	-360.5	-212.9	12.00	11.97	-1.16
11,075.0	48.05	181.97	11,012.5	210.5	-361.2	-194.7	12.00	11.98	-1.05
11,100.0	51.05	181.73	11,028.7	191.5	-361.8	-175.7	12.00	11.98	-0.95
11,125.0	54.04	181.52	11,043.9	171.7	-362.4	-155.8	12.00	11.98	-0.88
11,150.0	57.04	181.31	11,058.1	151.1	-362.9	-135.2	12.00	11.98	-0.81
11,175.0	60.03	181.12	11,071.1	129.8	-363.3	-113.9	12.00	11.98	-0.76
11,200.0	63.03	180.94	11,083.0	107.8	-363.7	-92.0	12.00	11.98	-0.71
11,225.0	66.03	180.78	11,093.8	85.2	-364.1	-69.4	12.00	11.98	-0.68
11,235.5	67.28	180.71	11,097.9	75.6	-364.2	-59.8	12.00	11.98	-0.65
FTP(Bandit 29 St Com #502H)									
11,250.0	69.02	180.61	11,103.3	62.1	-364.3	-46.3	12.00	11.99	-0.64
11,275.0	72.02	180.46	11,111.7	38.6	-364.6	-22.8	12.00	11.99	-0.62
11,300.0	75.02	180.31	11,118.7	14.6	-364.7	1.2	12.00	11.99	-0.60
11,325.0	78.01	180.16	11,124.6	-9.7	-364.8	25.5	12.00	11.99	-0.58
11,350.0	81.01	180.02	11,129.1	-34.3	-364.9	50.0	12.00	11.99	-0.57
11,375.0	84.01	179.88	11,132.4	-59.1	-364.8	74.8	12.00	11.99	-0.56
11,400.0	87.00	179.74	11,134.3	-84.0	-364.8	99.7	12.00	11.99	-0.56
11,425.0	90.00	179.60	11,135.0	-109.0	-364.6	124.7	12.00	11.99	-0.55
11,500.0	90.00	179.60	11,135.0	-184.0	-364.1	199.6	0.00	0.00	0.00
11,600.0	90.00	179.60	11,135.0	-284.0	-363.4	299.4	0.00	0.00	0.00
11,700.0	90.00	179.60	11,135.0	-384.0	-362.7	399.3	0.00	0.00	0.00
11,800.0	90.00	179.60	11,135.0	-484.0	-362.0	499.2	0.00	0.00	0.00
11,900.0	90.00	179.60	11,135.0	-584.0	-361.3	599.1	0.00	0.00	0.00
12,000.0	90.00	179.60	11,135.0	-684.0	-360.6	698.9	0.00	0.00	0.00
12,100.0	90.00	179.60	11,135.0	-784.0	-359.9	798.8	0.00	0.00	0.00
12,200.0	90.00	179.60	11,135.0	-883.9	-359.2	898.7	0.00	0.00	0.00
12,300.0	90.00	179.60	11,135.0	-983.9	-358.6	998.5	0.00	0.00	0.00
12,400.0	90.00	179.60	11,135.0	-1,083.9	-357.9	1,098.4	0.00	0.00	0.00
12,500.0	90.00	179.60	11,135.0	-1,183.9	-357.2	1,198.3	0.00	0.00	0.00
12,600.0	90.00	179.60	11,135.0	-1,283.9	-356.5	1,298.2	0.00	0.00	0.00
12,700.0	90.00	179.60	11,135.0	-1,383.9	-355.8	1,398.0	0.00	0.00	0.00
12,800.0	90.00	179.60	11,135.0	-1,483.9	-355.1	1,497.9	0.00	0.00	0.00
12,900.0	90.00	179.60	11,135.0	-1,583.9	-354.4	1,597.8	0.00	0.00	0.00
13,000.0	90.00	179.60	11,135.0	-1,683.9	-353.7	1,697.7	0.00	0.00	0.00
13,100.0	90.00	179.60	11,135.0	-1,783.9	-353.0	1,797.5	0.00	0.00	0.00
13,200.0	90.00	179.60	11,135.0	-1,883.9	-352.3	1,897.4	0.00	0.00	0.00
13,300.0	90.00	179.60	11,135.0	-1,983.9	-351.6	1,997.3	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: #502H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #502H
 TVD Reference: KB = 25 @ 3553.0usft
 MD Reference: KB = 25 @ 3553.0usft
 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)
13,400.0	90.00	179.60	11,135.0	-2,083.9	-350.9	2,097.2	0.00	0.00	0.00
13,500.0	90.00	179.60	11,135.0	-2,183.9	-350.2	2,197.0	0.00	0.00	0.00
13,600.0	90.00	179.60	11,135.0	-2,283.9	-349.5	2,296.9	0.00	0.00	0.00
13,700.0	90.00	179.60	11,135.0	-2,383.9	-348.8	2,396.8	0.00	0.00	0.00
13,800.0	90.00	179.60	11,135.0	-2,483.9	-348.2	2,496.7	0.00	0.00	0.00
13,900.0	90.00	179.60	11,135.0	-2,583.9	-347.5	2,596.5	0.00	0.00	0.00
14,000.0	90.00	179.60	11,135.0	-2,683.9	-346.8	2,696.4	0.00	0.00	0.00
14,100.0	90.00	179.60	11,135.0	-2,783.9	-346.1	2,796.3	0.00	0.00	0.00
14,200.0	90.00	179.60	11,135.0	-2,883.9	-345.4	2,896.2	0.00	0.00	0.00
14,300.0	90.00	179.60	11,135.0	-2,983.9	-344.7	2,996.0	0.00	0.00	0.00
14,400.0	90.00	179.60	11,135.0	-3,083.9	-344.0	3,095.9	0.00	0.00	0.00
14,500.0	90.00	179.60	11,135.0	-3,183.9	-343.3	3,195.8	0.00	0.00	0.00
14,600.0	90.00	179.60	11,135.0	-3,283.9	-342.6	3,295.6	0.00	0.00	0.00
14,700.0	90.00	179.60	11,135.0	-3,383.9	-341.9	3,395.5	0.00	0.00	0.00
14,800.0	90.00	179.60	11,135.0	-3,483.9	-341.2	3,495.4	0.00	0.00	0.00
14,900.0	90.00	179.60	11,135.0	-3,583.9	-340.5	3,595.3	0.00	0.00	0.00
15,000.0	90.00	179.60	11,135.0	-3,683.9	-339.8	3,695.1	0.00	0.00	0.00
15,100.0	90.00	179.60	11,135.0	-3,783.9	-339.1	3,795.0	0.00	0.00	0.00
15,200.0	90.00	179.60	11,135.0	-3,883.9	-338.5	3,894.9	0.00	0.00	0.00
15,300.0	90.00	179.60	11,135.0	-3,983.9	-337.8	3,994.8	0.00	0.00	0.00
15,400.0	90.00	179.60	11,135.0	-4,083.9	-337.1	4,094.6	0.00	0.00	0.00
15,500.0	90.00	179.60	11,135.0	-4,183.9	-336.4	4,194.5	0.00	0.00	0.00
15,600.0	90.00	179.60	11,135.0	-4,283.9	-335.7	4,294.4	0.00	0.00	0.00
15,700.0	90.00	179.60	11,135.0	-4,383.9	-335.0	4,394.3	0.00	0.00	0.00
15,800.0	90.00	179.60	11,135.0	-4,483.9	-334.3	4,494.1	0.00	0.00	0.00
15,900.0	90.00	179.60	11,135.0	-4,583.9	-333.6	4,594.0	0.00	0.00	0.00
16,000.0	90.00	179.60	11,135.0	-4,683.9	-332.9	4,693.9	0.00	0.00	0.00
16,100.0	90.00	179.60	11,135.0	-4,783.9	-332.2	4,793.8	0.00	0.00	0.00
16,200.0	90.00	179.60	11,135.0	-4,883.9	-331.5	4,893.6	0.00	0.00	0.00
16,300.0	90.00	179.60	11,135.0	-4,983.9	-330.8	4,993.5	0.00	0.00	0.00
16,400.0	90.00	179.60	11,135.0	-5,083.8	-330.1	5,093.4	0.00	0.00	0.00
16,500.0	90.00	179.60	11,135.0	-5,183.8	-329.4	5,193.2	0.00	0.00	0.00
16,600.0	90.00	179.60	11,135.0	-5,283.8	-328.8	5,293.1	0.00	0.00	0.00
16,700.0	90.00	179.60	11,135.0	-5,383.8	-328.1	5,393.0	0.00	0.00	0.00
16,800.0	90.00	179.60	11,135.0	-5,483.8	-327.4	5,492.9	0.00	0.00	0.00
16,900.0	90.00	179.60	11,135.0	-5,583.8	-326.7	5,592.7	0.00	0.00	0.00
17,000.0	90.00	179.60	11,135.0	-5,683.8	-326.0	5,692.6	0.00	0.00	0.00
17,100.0	90.00	179.60	11,135.0	-5,783.8	-325.3	5,792.5	0.00	0.00	0.00
17,200.0	90.00	179.60	11,135.0	-5,883.8	-324.6	5,892.4	0.00	0.00	0.00
17,300.0	90.00	179.60	11,135.0	-5,983.8	-323.9	5,992.2	0.00	0.00	0.00
17,400.0	90.00	179.60	11,135.0	-6,083.8	-323.2	6,092.1	0.00	0.00	0.00
17,500.0	90.00	179.60	11,135.0	-6,183.8	-322.5	6,192.0	0.00	0.00	0.00
17,600.0	90.00	179.60	11,135.0	-6,283.8	-321.8	6,291.9	0.00	0.00	0.00
17,700.0	90.00	179.60	11,135.0	-6,383.8	-321.1	6,391.7	0.00	0.00	0.00
17,800.0	90.00	179.60	11,135.0	-6,483.8	-320.4	6,491.6	0.00	0.00	0.00
17,900.0	90.00	179.60	11,135.0	-6,583.8	-319.7	6,591.5	0.00	0.00	0.00
18,000.0	90.00	179.60	11,135.0	-6,683.8	-319.0	6,691.4	0.00	0.00	0.00
18,100.0	90.00	179.60	11,135.0	-6,783.8	-318.4	6,791.2	0.00	0.00	0.00
18,200.0	90.00	179.60	11,135.0	-6,883.8	-317.7	6,891.1	0.00	0.00	0.00
18,300.0	90.00	179.60	11,135.0	-6,983.8	-317.0	6,991.0	0.00	0.00	0.00
18,400.0	90.00	179.60	11,135.0	-7,083.8	-316.3	7,090.9	0.00	0.00	0.00
18,500.0	90.00	179.60	11,135.0	-7,183.8	-315.6	7,190.7	0.00	0.00	0.00
18,584.2	90.00	179.60	11,135.0	-7,268.0	-315.0	7,274.8	0.00	0.00	0.00

PBHL(Bandit 29 St Com #502H)



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Bandit 29 State Com
Well: #502H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #502H
TVD Reference: KB = 25 @ 3553.0usft
MD Reference: KB = 25 @ 3553.0usft
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)
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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
FTP(Bandit 29 St Com # - plan misses target center by 40.2usft at 11235.5usft MD (11097.9 TVD, 75.6 N, -364.2 E) - Point	0.00	0.00	11,135.0	91.0	-366.0	435,467.00	771,483.00	32° 11' 41.955 N	103° 35' 21.589 W
PBHL(Bandit 29 St Com - plan hits target center - Point	0.00	0.00	11,135.0	-7,268.0	-315.0	428,108.00	771,534.00	32° 10' 29.132 N	103° 35' 21.587 W