

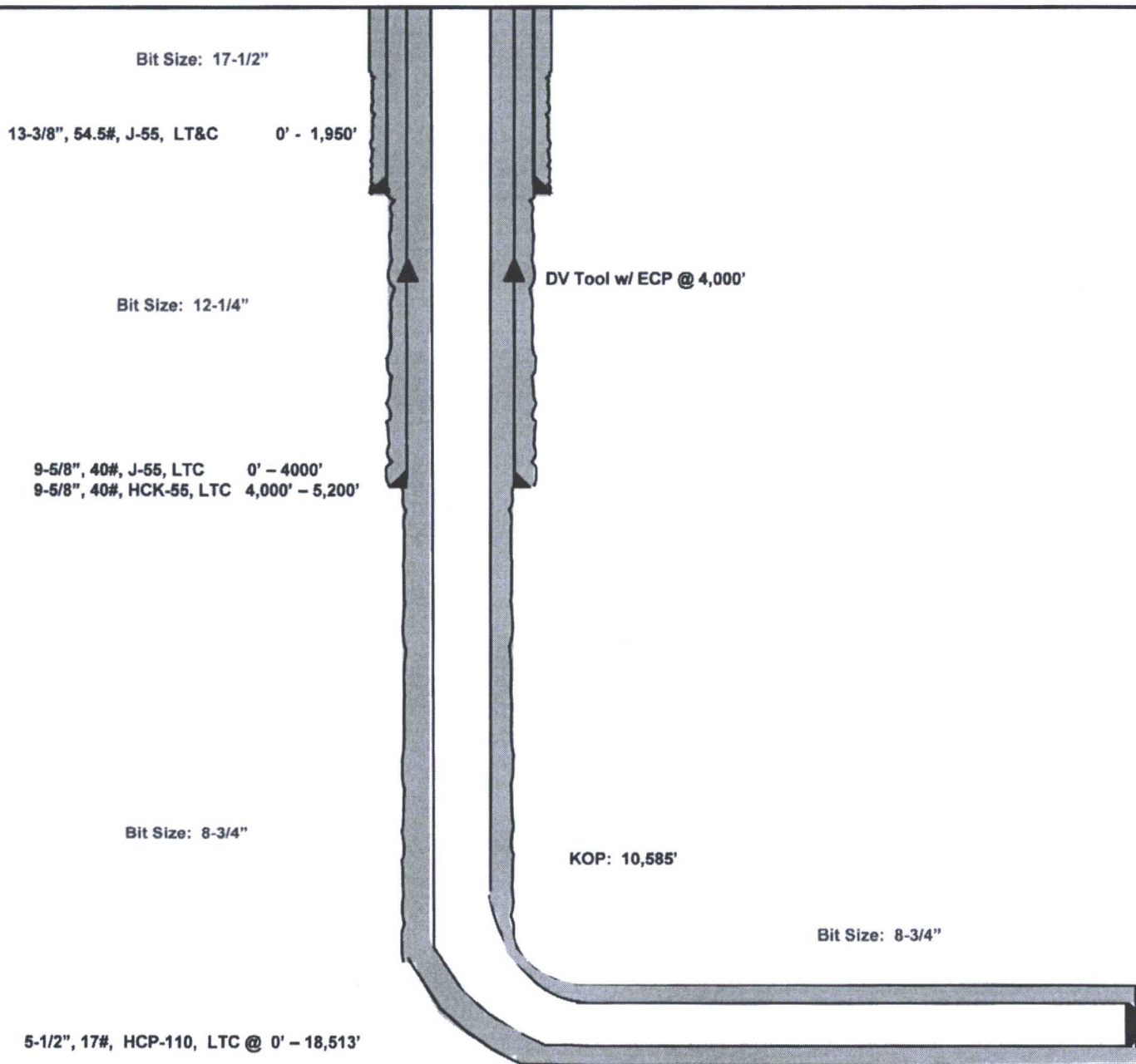
Nervosa 24 State Com #502H

Lea County, New Mexico
Proposed Wellbore

2394' FNL
504' FEL
Section 24
T-21-S, R-33-E

API: 30-025-*****

KB: 3,789'
GL: 3,764'



Lateral: 18,513' MD, 10,947' TVD

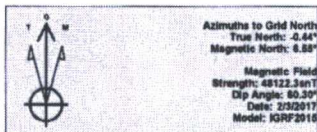
BH Location: 230' FNL & 1118' FEL
Section 13
T-21-S, R-33-E



Lea County, NM (NAD 27 NME)

Nervosa 24 State Com #502H

Plan #.01



To convert a Magnetic Direction to a Grid Direction, Add 0.64°
To convert a Magnetic Direction to a True Direction, Add 6.90° East
To convert a True Direction to a Grid Direction, Subtract 0.64°

PROJECT DETAILS: Lea County, NM (NAD 27 NME)

Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1866
Zone: New Mexico East 3001
System Datum: Mean Sea Level

WELL DETAILS: #502H

Ground Level: 3764.0
KB = 25' @ 3768.0nft
Northing: 833779.00
Easting: 751257.50
Latitude: 32° 27' 53.40S N
Longitude: 103° 31' 7.77 W

SECTION DETAILS

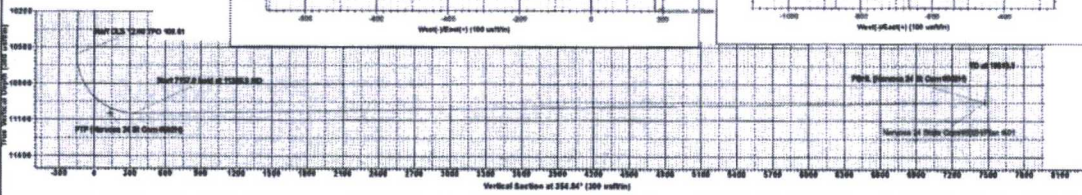
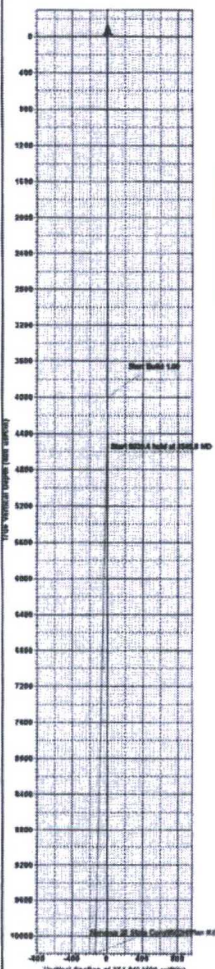
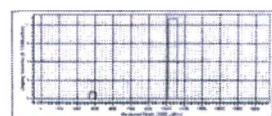
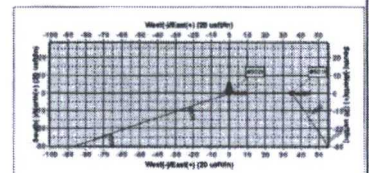
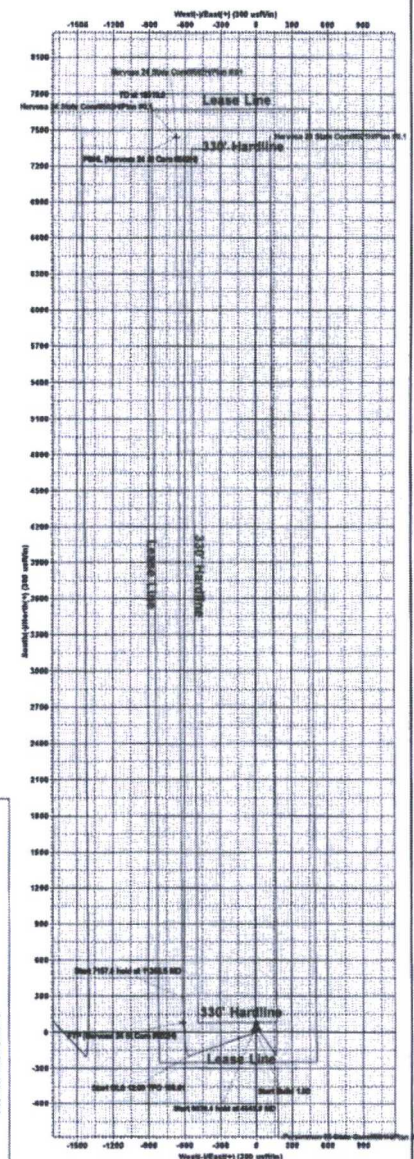
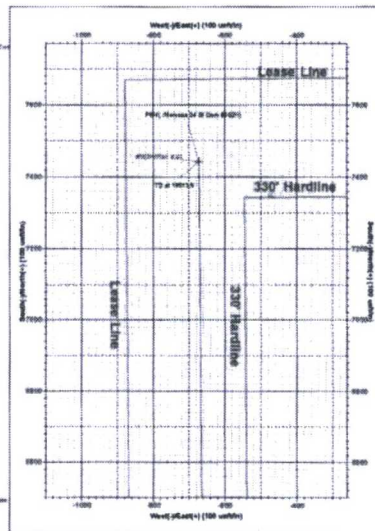
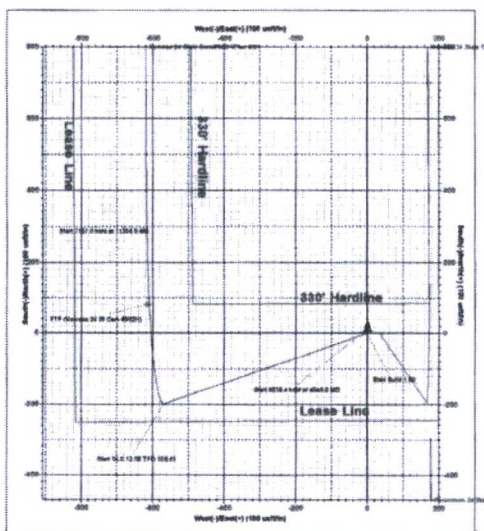
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VFace	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4548.8	5.46	250.79	4545.0	-8.5	-24.5	1.00	250.79	-8.3	
4	10885.3	5.46	250.79	10887.1	-197.6	-567.0	0.00	9.00	-145.8	
5	11356.5	90.80	359.55	11047.0	285.9	-615.8	12.00	108.81	340.1	
6	18913.5	90.80	359.55	10947.1	7442.0	-672.0	0.00	0.00	7472.3	PBHL (Nervosa 24 St Com #502H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Nervosa 24 St Com #502H)	10947.1	7442.0	472.0	841221.00	780998.00
FTP (Nervosa 24 St Com #502H)	11547.0	78.0	-615.8	850988.00	780942.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Nervosa 24 State Com

#502H

OH

Plan: Plan #.01

Standard Planning Report

06 February, 2017



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Nervosa 24 State Com
Well: #502H
Wellbore: OH
Design: Plan #.01

Local Co-ordinate Reference:
TVD Reference: KB = 25' @ 3789.0usft
MD Reference: KB = 25' @ 3789.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Project Lea County, NM (NAD 27 NME)

Map System: US State Plane 1927 (Exact solution)
Geo Datum: NAD 1927 (NADCON CONUS)
Map Zone: New Mexico East 3001

System Datum: Mean Sea Level

Site Nervosa 24 State Com

Site Position: Northing: 533,779.00 usft Latitude: 32.46483389
From: Map Easting: 751,292.00 usft Longitude: -103.51857467
Position Uncertainty: 0.0 usft Slot Radius: 13-3/16 " Grid Convergence: 0.44 °

Well #502H

Well Position +N/-S 0.0 usft Northing: 533,779.00 usft Latitude: 32.46483463
 +E/-W -35.0 usft Easting: 751,257.00 usft Longitude: -103.51868814
Position Uncertainty 0.0 usft Wellhead Elevation: 0.0 usft Ground Level: 3,764.0 usft

Wellbore OH

Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	2/3/2017	6.99	60.30	48,122

Design Plan #.01

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	354.84

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	
4,545.8	5.46	250.79	4,545.0	-8.5	-24.5	1.00	1.00	0.00	250.79	
10,585.3	5.46	250.79	10,557.1	-197.6	-567.0	0.00	0.00	0.00	0.00	
11,356.5	90.80	359.55	11,047.0	285.9	-615.8	12.00	11.07	14.10	108.61	
18,513.5	90.80	359.55	10,947.1	7,442.0	-672.0	0.00	0.00	0.00	0.00	PBHL (Nervosa 24 St



EOG Resources, Inc.

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 Site: Nervosa 24 State Com
 Well: #502H
 Wellbore: OH
 Design: Plan #.01

Local Co-ordinate Reference: Well #502H
 TVD Reference: KB = 25' @ 3789.0usft
 MD Reference: KB = 25' @ 3789.0usft
 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	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	250.79	4,100.0	-0.3	-0.8	-0.2	1.00	1.00	0.00
4,200.0	2.00	250.79	4,200.0	-1.1	-3.3	-0.8	1.00	1.00	0.00
4,300.0	3.00	250.79	4,299.9	-2.6	-7.4	-1.9	1.00	1.00	0.00
4,400.0	4.00	250.79	4,399.7	-4.6	-13.2	-3.4	1.00	1.00	0.00
4,500.0	5.00	250.79	4,499.4	-7.2	-20.6	-5.3	1.00	1.00	0.00
4,545.8	5.46	250.79	4,545.0	-8.5	-24.5	-6.3	1.00	1.00	0.00
4,600.0	5.46	250.79	4,598.9	-10.2	-29.4	-7.6	0.00	0.00	0.00
4,700.0	5.46	250.79	4,698.5	-13.4	-38.4	-9.9	0.00	0.00	0.00
4,800.0	5.46	250.79	4,798.0	-16.5	-47.4	-12.2	0.00	0.00	0.00
4,900.0	5.46	250.79	4,897.6	-19.6	-56.3	-14.5	0.00	0.00	0.00
5,000.0	5.46	250.79	4,997.1	-22.8	-65.3	-16.8	0.00	0.00	0.00
5,100.0	5.46	250.79	5,096.7	-25.9	-74.3	-19.1	0.00	0.00	0.00
5,200.0	5.46	250.79	5,196.2	-29.0	-83.3	-21.4	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Nervosa 24 State Com
Well: #502H
Wellbore: OH
Design: Plan #.01

Local Co-ordinate Reference:

TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #502H
KB = 25' @ 3789.0usft
KB = 25' @ 3789.0usft
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)
5,300.0	5.46	250.79	5,295.8	-32.2	-82.3	-23.7	0.00	0.00	0.00
5,400.0	5.46	250.79	5,395.3	-35.3	-101.3	-26.0	0.00	0.00	0.00
5,500.0	5.46	250.79	5,494.8	-38.4	-110.2	-28.3	0.00	0.00	0.00
5,600.0	5.46	250.79	5,594.4	-41.5	-119.2	-30.7	0.00	0.00	0.00
5,700.0	5.46	250.79	5,693.9	-44.7	-128.2	-33.0	0.00	0.00	0.00
5,800.0	5.46	250.79	5,793.5	-47.8	-137.2	-35.3	0.00	0.00	0.00
5,900.0	5.46	250.79	5,893.0	-50.9	-146.2	-37.6	0.00	0.00	0.00
6,000.0	5.46	250.79	5,992.6	-54.1	-155.2	-39.9	0.00	0.00	0.00
6,100.0	5.46	250.79	6,092.1	-57.2	-164.1	-42.2	0.00	0.00	0.00
6,200.0	5.46	250.79	6,191.7	-60.3	-173.1	-44.5	0.00	0.00	0.00
6,300.0	5.46	250.79	6,291.2	-63.5	-182.1	-46.8	0.00	0.00	0.00
6,400.0	5.46	250.79	6,390.8	-66.6	-191.1	-49.1	0.00	0.00	0.00
6,500.0	5.46	250.79	6,490.3	-69.7	-200.1	-51.4	0.00	0.00	0.00
6,600.0	5.46	250.79	6,589.9	-72.8	-209.1	-53.8	0.00	0.00	0.00
6,700.0	5.46	250.79	6,689.4	-76.0	-218.0	-56.1	0.00	0.00	0.00
6,800.0	5.46	250.79	6,789.0	-79.1	-227.0	-58.4	0.00	0.00	0.00
6,900.0	5.46	250.79	6,888.5	-82.2	-236.0	-60.7	0.00	0.00	0.00
7,000.0	5.46	250.79	6,988.0	-85.4	-245.0	-63.0	0.00	0.00	0.00
7,100.0	5.46	250.79	7,087.6	-88.5	-254.0	-65.3	0.00	0.00	0.00
7,200.0	5.46	250.79	7,187.1	-91.6	-262.9	-67.6	0.00	0.00	0.00
7,300.0	5.46	250.79	7,286.7	-94.8	-271.9	-69.9	0.00	0.00	0.00
7,400.0	5.46	250.79	7,386.2	-97.9	-280.9	-72.2	0.00	0.00	0.00
7,500.0	5.46	250.79	7,485.8	-101.0	-289.9	-74.5	0.00	0.00	0.00
7,600.0	5.46	250.79	7,585.3	-104.1	-298.9	-76.8	0.00	0.00	0.00
7,700.0	5.46	250.79	7,684.9	-107.3	-307.9	-79.2	0.00	0.00	0.00
7,800.0	5.46	250.79	7,784.4	-110.4	-316.8	-81.5	0.00	0.00	0.00
7,900.0	5.46	250.79	7,884.0	-113.5	-325.8	-83.8	0.00	0.00	0.00
8,000.0	5.46	250.79	7,983.5	-116.7	-334.8	-86.1	0.00	0.00	0.00
8,100.0	5.46	250.79	8,083.1	-119.8	-343.8	-88.4	0.00	0.00	0.00
8,200.0	5.46	250.79	8,182.6	-122.9	-352.8	-90.7	0.00	0.00	0.00
8,300.0	5.46	250.79	8,282.2	-126.1	-361.8	-93.0	0.00	0.00	0.00
8,400.0	5.46	250.79	8,381.7	-129.2	-370.7	-95.3	0.00	0.00	0.00
8,500.0	5.46	250.79	8,481.2	-132.3	-379.7	-97.6	0.00	0.00	0.00
8,600.0	5.46	250.79	8,580.8	-135.5	-388.7	-99.9	0.00	0.00	0.00
8,700.0	5.46	250.79	8,680.3	-138.6	-397.7	-102.3	0.00	0.00	0.00
8,800.0	5.46	250.79	8,779.9	-141.7	-406.7	-104.6	0.00	0.00	0.00
8,900.0	5.46	250.79	8,879.4	-144.8	-415.7	-106.9	0.00	0.00	0.00
9,000.0	5.46	250.79	8,979.0	-148.0	-424.6	-109.2	0.00	0.00	0.00
9,100.0	5.46	250.79	9,078.5	-151.1	-433.6	-111.5	0.00	0.00	0.00
9,200.0	5.46	250.79	9,178.1	-154.2	-442.6	-113.8	0.00	0.00	0.00
9,300.0	5.46	250.79	9,277.6	-157.4	-451.6	-116.1	0.00	0.00	0.00
9,400.0	5.46	250.79	9,377.2	-160.5	-460.6	-118.4	0.00	0.00	0.00
9,500.0	5.46	250.79	9,476.7	-163.6	-469.5	-120.7	0.00	0.00	0.00
9,600.0	5.46	250.79	9,576.3	-166.8	-478.5	-123.0	0.00	0.00	0.00
9,700.0	5.46	250.79	9,675.8	-169.9	-487.5	-125.4	0.00	0.00	0.00
9,800.0	5.46	250.79	9,775.3	-173.0	-496.5	-127.7	0.00	0.00	0.00
9,900.0	5.46	250.79	9,874.9	-176.1	-505.5	-130.0	0.00	0.00	0.00
10,000.0	5.46	250.79	9,974.4	-179.3	-514.5	-132.3	0.00	0.00	0.00
10,100.0	5.46	250.79	10,074.0	-182.4	-523.4	-134.6	0.00	0.00	0.00
10,200.0	5.46	250.79	10,173.5	-185.5	-532.4	-136.9	0.00	0.00	0.00
10,300.0	5.46	250.79	10,273.1	-188.7	-541.4	-139.2	0.00	0.00	0.00
10,400.0	5.46	250.79	10,372.6	-191.8	-550.4	-141.5	0.00	0.00	0.00
10,500.0	5.46	250.79	10,472.2	-194.9	-559.4	-143.8	0.00	0.00	0.00
10,585.3	5.46	250.79	10,557.1	-197.6	-567.0	-145.8	0.00	0.00	0.00



EOG Resources, Inc.

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Wellbore: OH
Design: Plan #.01

Local Co-ordinate Reference: Well #502H
TVD Reference: KB = 25' @ 3789.0usft
MD Reference: KB = 25' @ 3789.0usft
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)
10,600.0	5.17	269.71	10,571.7	-197.8	-568.4	-145.9	12.00	-1.94	128.45
10,625.0	5.99	299.82	10,596.6	-197.2	-570.6	-145.1	12.00	3.26	120.45
10,650.0	7.93	318.96	10,621.4	-195.2	-572.9	-142.9	12.00	7.77	76.54
10,675.0	10.39	329.89	10,646.1	-192.0	-575.1	-139.5	12.00	9.83	43.73
10,700.0	13.07	336.53	10,670.6	-187.4	-577.4	-134.8	12.00	10.73	26.58
10,725.0	15.87	340.91	10,694.8	-181.6	-579.6	-128.8	12.00	11.18	17.50
10,750.0	18.72	343.99	10,718.7	-174.5	-581.9	-121.5	12.00	11.43	12.33
10,775.0	21.62	346.28	10,742.1	-166.2	-584.1	-113.0	12.00	11.58	9.14
10,800.0	24.54	348.04	10,765.1	-156.6	-586.2	-103.3	12.00	11.68	7.07
10,825.0	27.47	349.45	10,787.6	-145.9	-588.4	-92.4	12.00	11.74	5.64
10,850.0	30.42	350.61	10,809.5	-134.0	-590.5	-80.3	12.00	11.79	4.63
10,875.0	33.38	351.58	10,830.7	-120.9	-592.5	-67.1	12.00	11.82	3.88
10,900.0	36.34	352.41	10,851.2	-106.8	-594.5	-52.9	12.00	11.85	3.32
10,925.0	39.31	353.13	10,870.9	-91.6	-596.4	-37.6	12.00	11.87	2.88
10,950.0	42.28	353.76	10,889.9	-75.3	-598.3	-21.2	12.00	11.89	2.54
10,975.0	45.25	354.33	10,907.9	-58.1	-600.1	-3.9	12.00	11.90	2.26
11,000.0	48.23	354.84	10,925.0	-40.0	-601.8	14.3	12.00	11.91	2.04
11,025.0	51.21	355.31	10,941.2	-21.0	-603.4	33.3	12.00	11.92	1.86
11,050.0	54.19	355.73	10,956.4	-1.2	-605.0	53.2	12.00	11.92	1.71
11,075.0	57.17	356.13	10,970.5	18.4	-606.4	73.9	12.00	11.93	1.59
11,100.0	60.16	356.50	10,983.5	40.7	-607.8	95.2	12.00	11.93	1.48
11,125.0	63.14	356.85	10,995.3	62.7	-609.1	117.2	12.00	11.94	1.40
11,150.0	66.12	357.18	11,006.0	85.2	-610.3	139.8	12.00	11.94	1.33
11,160.1	67.33	357.31	11,010.0	94.5	-610.7	149.0	12.00	11.94	1.28
FTP (Nervosa 24 St Com #502H)									
11,175.0	69.11	357.50	11,015.6	108.3	-611.3	162.9	12.00	11.94	1.25
11,200.0	72.10	357.80	11,023.9	131.9	-612.3	186.4	12.00	11.95	1.22
11,225.0	75.08	358.10	11,030.9	155.8	-613.2	210.3	12.00	11.95	1.18
11,250.0	78.07	358.38	11,036.7	180.1	-613.9	234.6	12.00	11.95	1.14
11,275.0	81.06	358.66	11,041.2	204.7	-614.5	259.1	12.00	11.95	1.12
11,300.0	84.05	358.94	11,044.5	229.5	-615.1	283.9	12.00	11.95	1.10
11,325.0	87.03	359.21	11,046.4	254.4	-615.5	308.7	12.00	11.95	1.09
11,350.0	90.02	359.48	11,047.1	279.4	-615.7	333.6	12.00	11.95	1.08
11,356.5	90.80	359.55	11,047.0	285.9	-615.8	340.1	12.00	11.95	1.08
11,400.0	90.80	359.55	11,046.4	329.4	-616.1	383.5	0.00	0.00	0.00
11,500.0	90.80	359.55	11,045.0	429.4	-616.9	483.1	0.00	0.00	0.00
11,600.0	90.80	359.55	11,043.6	529.4	-617.7	582.8	0.00	0.00	0.00
11,700.0	90.80	359.55	11,042.2	629.4	-618.5	682.4	0.00	0.00	0.00
11,800.0	90.80	359.55	11,040.8	729.3	-619.3	782.1	0.00	0.00	0.00
11,900.0	90.80	359.55	11,039.4	829.3	-620.1	881.7	0.00	0.00	0.00
12,000.0	90.80	359.55	11,038.0	929.3	-620.8	981.4	0.00	0.00	0.00
12,100.0	90.80	359.55	11,036.6	1,029.3	-621.6	1,081.0	0.00	0.00	0.00
12,200.0	90.80	359.55	11,035.3	1,129.3	-622.4	1,180.7	0.00	0.00	0.00
12,300.0	90.80	359.55	11,033.9	1,229.3	-623.2	1,280.3	0.00	0.00	0.00
12,400.0	90.80	359.55	11,032.5	1,329.3	-624.0	1,380.0	0.00	0.00	0.00
12,500.0	90.80	359.55	11,031.1	1,429.3	-624.8	1,479.6	0.00	0.00	0.00
12,600.0	90.80	359.55	11,029.7	1,529.2	-625.6	1,579.3	0.00	0.00	0.00
12,700.0	90.80	359.55	11,028.3	1,629.2	-626.3	1,679.0	0.00	0.00	0.00
12,800.0	90.80	359.55	11,026.9	1,729.2	-627.1	1,778.6	0.00	0.00	0.00
12,900.0	90.80	359.55	11,025.5	1,829.2	-627.9	1,878.3	0.00	0.00	0.00
13,000.0	90.80	359.55	11,024.1	1,929.2	-628.7	1,977.9	0.00	0.00	0.00
13,100.0	90.80	359.55	11,022.7	2,029.2	-629.5	2,077.6	0.00	0.00	0.00
13,200.0	90.80	359.55	11,021.3	2,129.2	-630.3	2,177.2	0.00	0.00	0.00



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 27 NME)
 Site: Nervosa 24 State Com
 Well: #502H
 Wellbore: OH
 Design: Plan #.01

Local Co-ordinate Reference: Well #502H
 TVD Reference: KB = 25' @ 3789.0usft
 MD Reference: KB = 25' @ 3789.0usft
 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)
13,300.0	90.80	359.55	11,019.9	2,229.1	-631.1	2,276.9	0.00	0.00	0.00
13,400.0	90.80	359.55	11,018.5	2,329.1	-631.8	2,376.5	0.00	0.00	0.00
13,500.0	90.80	359.55	11,017.1	2,429.1	-632.6	2,476.2	0.00	0.00	0.00
13,600.0	90.80	359.55	11,015.7	2,529.1	-633.4	2,575.8	0.00	0.00	0.00
13,700.0	90.80	359.55	11,014.3	2,629.1	-634.2	2,675.5	0.00	0.00	0.00
13,800.0	90.80	359.55	11,012.9	2,729.1	-635.0	2,775.1	0.00	0.00	0.00
13,900.0	90.80	359.55	11,011.5	2,829.1	-635.8	2,874.8	0.00	0.00	0.00
14,000.0	90.80	359.55	11,010.1	2,929.1	-636.6	2,974.4	0.00	0.00	0.00
14,100.0	90.80	359.55	11,008.7	3,029.0	-637.3	3,074.1	0.00	0.00	0.00
14,200.0	90.80	359.55	11,007.3	3,129.0	-638.1	3,173.7	0.00	0.00	0.00
14,300.0	90.80	359.55	11,005.9	3,229.0	-638.9	3,273.4	0.00	0.00	0.00
14,400.0	90.80	359.55	11,004.5	3,329.0	-639.7	3,373.0	0.00	0.00	0.00
14,500.0	90.80	359.55	11,003.1	3,429.0	-640.5	3,472.7	0.00	0.00	0.00
14,600.0	90.80	359.55	11,001.7	3,529.0	-641.3	3,572.4	0.00	0.00	0.00
14,700.0	90.80	359.55	11,000.3	3,629.0	-642.1	3,672.0	0.00	0.00	0.00
14,800.0	90.80	359.55	10,998.9	3,729.0	-642.8	3,771.7	0.00	0.00	0.00
14,900.0	90.80	359.55	10,997.6	3,828.9	-643.6	3,871.3	0.00	0.00	0.00
15,000.0	90.80	359.55	10,996.2	3,928.9	-644.4	3,971.0	0.00	0.00	0.00
15,100.0	90.80	359.55	10,994.8	4,028.9	-645.2	4,070.6	0.00	0.00	0.00
15,200.0	90.80	359.55	10,993.4	4,128.9	-646.0	4,170.3	0.00	0.00	0.00
15,300.0	90.80	359.55	10,992.0	4,228.9	-646.8	4,269.9	0.00	0.00	0.00
15,400.0	90.80	359.55	10,990.6	4,328.9	-647.5	4,369.6	0.00	0.00	0.00
15,500.0	90.80	359.55	10,989.2	4,428.9	-648.3	4,469.2	0.00	0.00	0.00
15,600.0	90.80	359.55	10,987.8	4,528.9	-649.1	4,568.9	0.00	0.00	0.00
15,700.0	90.80	359.55	10,986.4	4,628.8	-649.9	4,668.5	0.00	0.00	0.00
15,800.0	90.80	359.55	10,985.0	4,728.8	-650.7	4,768.2	0.00	0.00	0.00
15,900.0	90.80	359.55	10,983.6	4,828.8	-651.5	4,867.8	0.00	0.00	0.00
16,000.0	90.80	359.55	10,982.2	4,928.8	-652.3	4,967.5	0.00	0.00	0.00
16,100.0	90.80	359.55	10,980.8	5,028.8	-653.0	5,067.1	0.00	0.00	0.00
16,200.0	90.80	359.55	10,979.4	5,128.8	-653.8	5,166.8	0.00	0.00	0.00
16,300.0	90.80	359.55	10,978.0	5,228.8	-654.6	5,266.4	0.00	0.00	0.00
16,400.0	90.80	359.55	10,976.6	5,328.8	-655.4	5,366.1	0.00	0.00	0.00
16,500.0	90.80	359.55	10,975.2	5,428.7	-656.2	5,465.8	0.00	0.00	0.00
16,600.0	90.80	359.55	10,973.8	5,528.7	-657.0	5,565.4	0.00	0.00	0.00
16,700.0	90.80	359.55	10,972.4	5,628.7	-657.8	5,665.1	0.00	0.00	0.00
16,800.0	90.80	359.55	10,971.0	5,728.7	-658.5	5,764.7	0.00	0.00	0.00
16,900.0	90.80	359.55	10,969.6	5,828.7	-659.3	5,864.4	0.00	0.00	0.00
17,000.0	90.80	359.55	10,968.2	5,928.7	-660.1	5,964.0	0.00	0.00	0.00
17,100.0	90.80	359.55	10,966.8	6,028.7	-660.9	6,063.7	0.00	0.00	0.00
17,200.0	90.80	359.55	10,965.4	6,128.6	-661.7	6,163.3	0.00	0.00	0.00
17,300.0	90.80	359.55	10,964.0	6,228.6	-662.5	6,263.0	0.00	0.00	0.00
17,400.0	90.80	359.55	10,962.6	6,328.6	-663.3	6,362.6	0.00	0.00	0.00
17,500.0	90.80	359.55	10,961.3	6,428.6	-664.0	6,462.3	0.00	0.00	0.00
17,600.0	90.80	359.55	10,959.9	6,528.6	-664.8	6,561.9	0.00	0.00	0.00
17,700.0	90.80	359.55	10,958.5	6,628.6	-665.6	6,661.6	0.00	0.00	0.00
17,800.0	90.80	359.55	10,957.1	6,728.6	-666.4	6,761.2	0.00	0.00	0.00
17,900.0	90.80	359.55	10,955.7	6,828.6	-667.2	6,860.9	0.00	0.00	0.00
18,000.0	90.80	359.55	10,954.3	6,928.5	-668.0	6,960.5	0.00	0.00	0.00
18,100.0	90.80	359.55	10,952.9	7,028.5	-668.8	7,060.2	0.00	0.00	0.00
18,200.0	90.80	359.55	10,951.5	7,128.5	-669.5	7,159.8	0.00	0.00	0.00
18,300.0	90.80	359.55	10,950.1	7,228.5	-670.3	7,259.5	0.00	0.00	0.00
18,400.0	90.80	359.55	10,948.7	7,328.5	-671.1	7,359.2	0.00	0.00	0.00
18,500.0	90.80	359.55	10,947.3	7,428.5	-671.9	7,458.8	0.00	0.00	0.00
18,513.5	90.80	359.55	10,947.1	7,442.0	-672.0	7,472.3	0.00	0.00	0.00



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Planning Report

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Site: Nervosa 24 State Com
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Wellbore: OH
Design: Plan #.01

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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 (Nervosa 24 St Com #502H)									

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
PBHL (Nervosa 24 St Co - plan hits target center - Point	0.00	0.00	10,947.1	7,442.0	-672.0	541,221.00	750,585.00	32.48530384	-103.52068301
FTP (Nervosa 24 St Cor - plan misses target center by 40.3usft at 11160.1usft MD (11010.0 TVD, 94.5 N, -610.7 E) - Point	0.00	0.00	11,047.0	79.0	-615.0	533,858.00	750,642.00	32.48506465	-103.52068002