

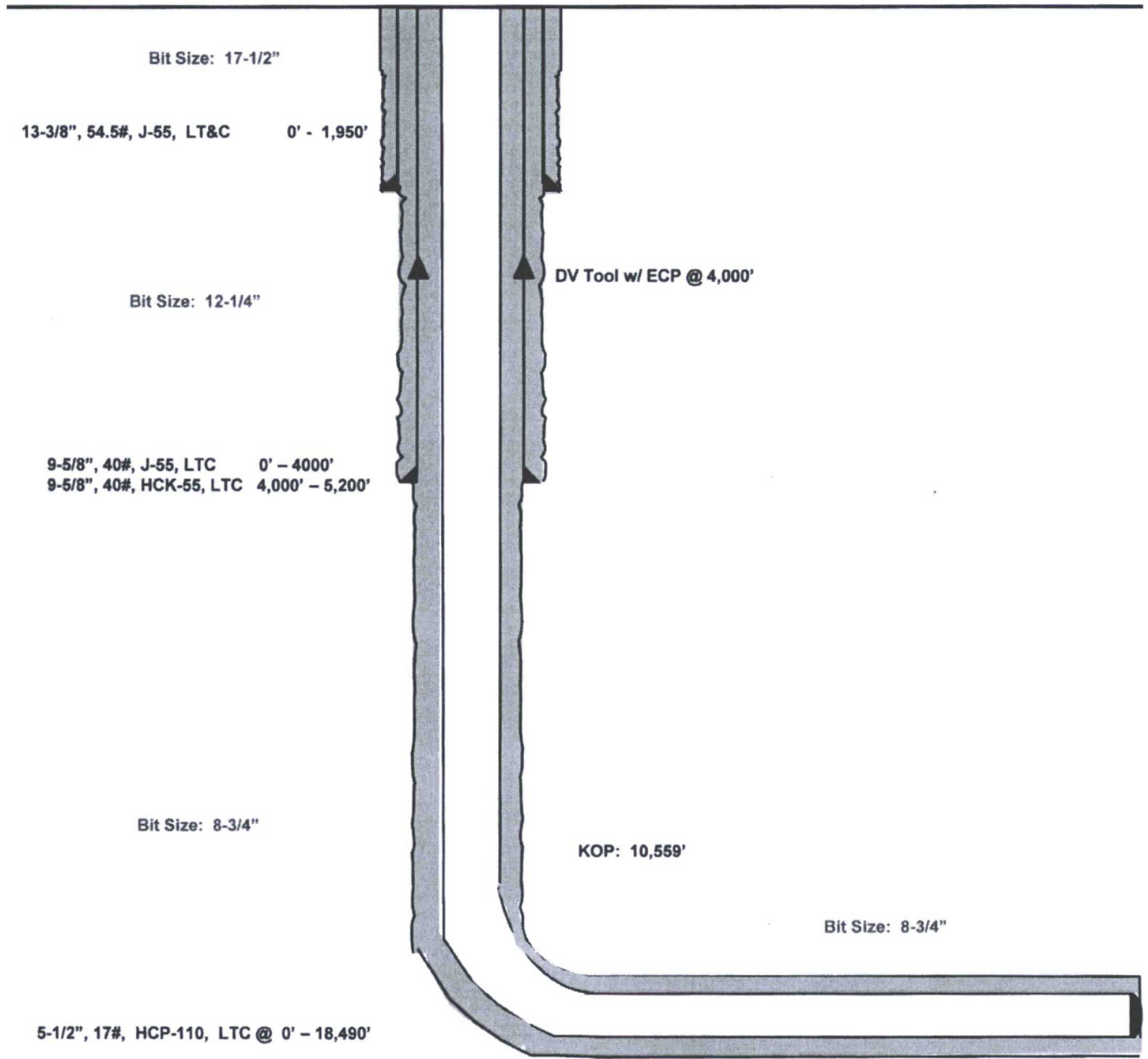
Nervosa 24 State Com #501H

**Lea County, New Mexico
Proposed Wellbore**

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

API: 30-025-*****

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



Lateral: 18,490' MD, 10,947' TVD

**BH Location: 230' FNL & 330' FEL
Section 13
T-21-S, R-33-E**



Lea County, NM (NAD 27 NME)

Nervosa 24 State Com #501H

Plan #0.1

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: #501H

Ground Level: 3764.0
KB = 25' @ 3789.0usR
Northing: 833778.00 Easting: 761282.00
Latitude: 32° 27' 53.402 N Longitude: 103° 31' 6.868 W

Atimuths to Grid North
True North: -0.44°
Magnetic North: 6.59°
Magnetic Field
Strength: 48122.5mT
Dip Angle: 65.35°
Date: 2/2/2017
Model: IGRF2015



To convert a Magnetic Direction to a Grid Direction, Add 6.59°
To convert a True Direction to a Grid Direction, Subtract 0.44°

SECTION DETAILS

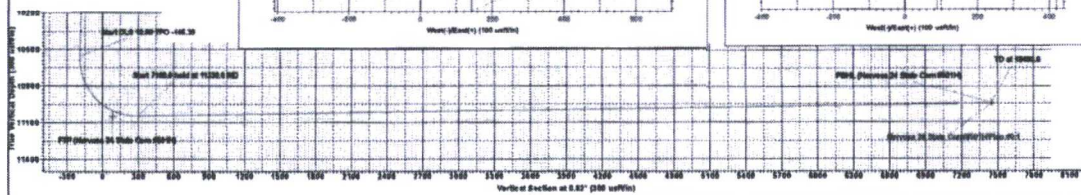
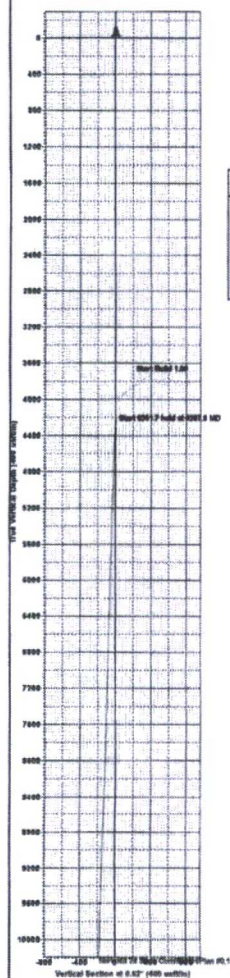
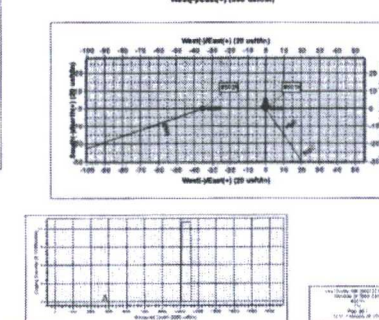
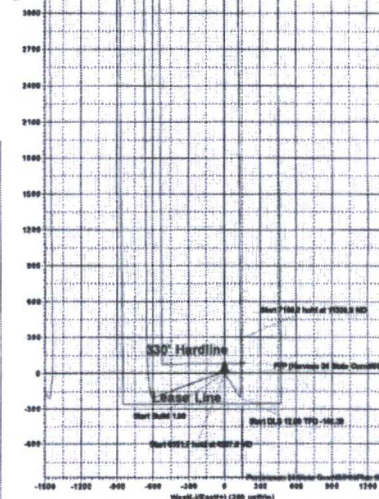
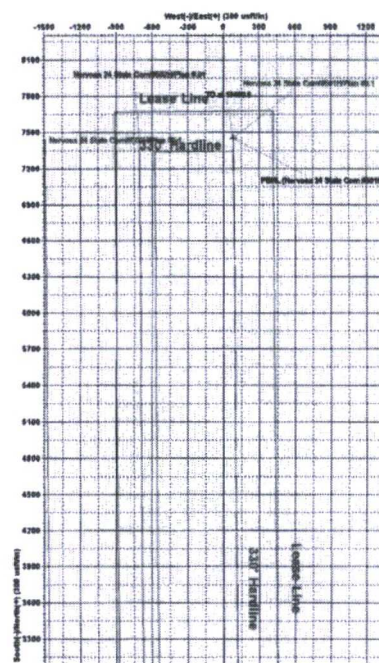
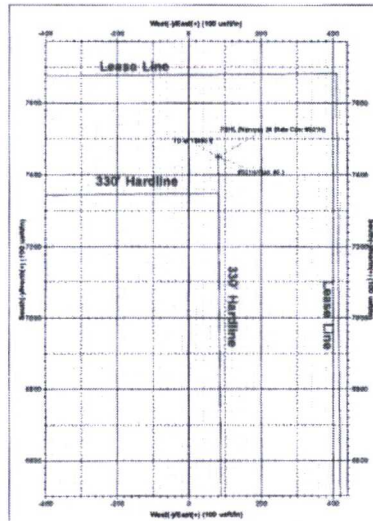
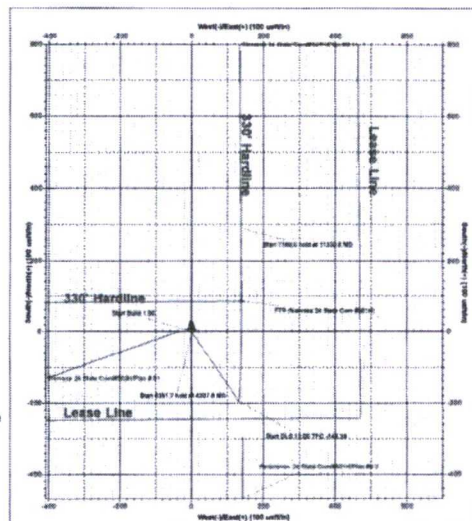
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSec	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0	
3	4207.8	2.08	145.97	4207.8	-3.1	2.1	1.00	145.97	-3.1	
4	10559.5	2.08	145.97	10559.5	-194.0	131.0	0.00	-192.6		
5	11330.5	90.80	359.55	11047.0	289.9	137.2	12.00	-146.39	291.4	
6	18490.6	90.80	359.55	10947.0	7449.0	81.0	0.00	7449.4		PBHL (Nervosa 24 State Com #501H)

CASINO DETAILS

No casing data is available

WELLSBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
PBHL (Nervosa 24 State Com #501H)	10947.0	7449.0	81.0	841289.50	761373.00
FTP (Nervosa 24 State Com #501H)				833883.00	761430.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Nervosa 24 State Com

#501H

OH

Plan: Plan #0.1

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: #501H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #501H
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)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	Nervosa 24 State Com				
Site Position:		Northing:	533,779.00 usft	Latitude:	32° 27' 53.402 N
From:	Map	Easting:	751,292.00 usft	Longitude:	103° 31' 6.869 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.44 °

Well	#501H					
Well Position	+N/-S	0.0 usft	Northing:	533,779.00 usft	Latitude:	32° 27' 53.402 N
	+E/-W	0.0 usft	Easting:	751,292.00 usft	Longitude:	103° 31' 6.869 W
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 #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	0.62

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	
4,207.8	2.08	145.97	4,207.8	-3.1	2.1	1.00	1.00	0.00	145.97	
10,559.5	2.08	145.97	10,555.3	-194.0	131.0	0.00	0.00	0.00	0.00	
11,330.6	90.80	359.55	11,047.0	289.9	137.2	12.00	11.51	-18.99	-146.39	
18,490.6	90.80	359.55	10,947.0	7,449.0	81.0	0.00	0.00	0.00	0.00	PBHL (Nervosa 24 St



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: #501H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
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	145.97	4,100.0	-0.7	0.5	-0.7	1.00	1.00	0.00
4,207.8	2.08	145.97	4,207.8	-3.1	2.1	-3.1	1.00	1.00	0.00
4,300.0	2.08	145.97	4,299.9	-5.9	4.0	-5.9	0.00	0.00	0.00
4,400.0	2.08	145.97	4,399.8	-8.9	6.0	-8.8	0.00	0.00	0.00
4,500.0	2.08	145.97	4,499.8	-11.9	8.0	-11.8	0.00	0.00	0.00
4,600.0	2.08	145.97	4,599.7	-14.9	10.1	-14.8	0.00	0.00	0.00
4,700.0	2.08	145.97	4,699.6	-17.9	12.1	-17.8	0.00	0.00	0.00
4,800.0	2.08	145.97	4,799.6	-20.9	14.1	-20.8	0.00	0.00	0.00
4,900.0	2.08	145.97	4,899.5	-23.9	16.2	-23.8	0.00	0.00	0.00
5,000.0	2.08	145.97	4,999.4	-26.9	18.2	-26.7	0.00	0.00	0.00
5,100.0	2.08	145.97	5,099.4	-29.9	20.2	-29.7	0.00	0.00	0.00
5,200.0	2.08	145.97	5,199.3	-32.9	22.2	-32.7	0.00	0.00	0.00
5,300.0	2.08	145.97	5,299.2	-36.0	24.3	-35.7	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: #501H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #501H
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)
5,400.0	2.08	145.97	5,399.2	-39.0	26.3	-38.7	0.00	0.00	0.00
5,500.0	2.08	145.97	5,499.1	-42.0	28.3	-41.7	0.00	0.00	0.00
5,600.0	2.08	145.97	5,599.0	-45.0	30.4	-44.6	0.00	0.00	0.00
5,700.0	2.08	145.97	5,699.0	-48.0	32.4	-47.6	0.00	0.00	0.00
5,800.0	2.08	145.97	5,798.9	-51.0	34.4	-50.6	0.00	0.00	0.00
5,900.0	2.08	145.97	5,898.8	-54.0	36.5	-53.6	0.00	0.00	0.00
6,000.0	2.08	145.97	5,998.8	-57.0	38.5	-56.6	0.00	0.00	0.00
6,100.0	2.08	145.97	6,098.7	-60.0	40.5	-59.6	0.00	0.00	0.00
6,200.0	2.08	145.97	6,198.6	-63.0	42.5	-62.5	0.00	0.00	0.00
6,300.0	2.08	145.97	6,298.6	-66.0	44.6	-65.5	0.00	0.00	0.00
6,400.0	2.08	145.97	6,398.5	-69.0	46.6	-68.5	0.00	0.00	0.00
6,500.0	2.08	145.97	6,498.4	-72.0	48.6	-71.5	0.00	0.00	0.00
6,600.0	2.08	145.97	6,598.4	-75.0	50.7	-74.5	0.00	0.00	0.00
6,700.0	2.08	145.97	6,698.3	-78.0	52.7	-77.5	0.00	0.00	0.00
6,800.0	2.08	145.97	6,798.2	-81.0	54.7	-80.4	0.00	0.00	0.00
6,900.0	2.08	145.97	6,898.2	-84.0	56.7	-83.4	0.00	0.00	0.00
7,000.0	2.08	145.97	6,998.1	-87.0	58.8	-86.4	0.00	0.00	0.00
7,100.0	2.08	145.97	7,098.1	-90.1	60.8	-89.4	0.00	0.00	0.00
7,200.0	2.08	145.97	7,198.0	-93.1	62.8	-92.4	0.00	0.00	0.00
7,300.0	2.08	145.97	7,297.9	-96.1	64.9	-95.4	0.00	0.00	0.00
7,400.0	2.08	145.97	7,397.9	-99.1	66.9	-98.3	0.00	0.00	0.00
7,500.0	2.08	145.97	7,497.8	-102.1	68.9	-101.3	0.00	0.00	0.00
7,600.0	2.08	145.97	7,597.7	-105.1	71.0	-104.3	0.00	0.00	0.00
7,700.0	2.08	145.97	7,697.7	-108.1	73.0	-107.3	0.00	0.00	0.00
7,800.0	2.08	145.97	7,797.6	-111.1	75.0	-110.3	0.00	0.00	0.00
7,900.0	2.08	145.97	7,897.5	-114.1	77.0	-113.3	0.00	0.00	0.00
8,000.0	2.08	145.97	7,997.5	-117.1	79.1	-116.2	0.00	0.00	0.00
8,100.0	2.08	145.97	8,097.4	-120.1	81.1	-119.2	0.00	0.00	0.00
8,200.0	2.08	145.97	8,197.3	-123.1	83.1	-122.2	0.00	0.00	0.00
8,300.0	2.08	145.97	8,297.3	-126.1	85.2	-125.2	0.00	0.00	0.00
8,400.0	2.08	145.97	8,397.2	-129.1	87.2	-128.2	0.00	0.00	0.00
8,500.0	2.08	145.97	8,497.1	-132.1	89.2	-131.2	0.00	0.00	0.00
8,600.0	2.08	145.97	8,597.1	-135.1	91.3	-134.1	0.00	0.00	0.00
8,700.0	2.08	145.97	8,697.0	-138.1	93.3	-137.1	0.00	0.00	0.00
8,800.0	2.08	145.97	8,796.9	-141.1	95.3	-140.1	0.00	0.00	0.00
8,900.0	2.08	145.97	8,896.9	-144.2	97.3	-143.1	0.00	0.00	0.00
9,000.0	2.08	145.97	8,996.8	-147.2	99.4	-146.1	0.00	0.00	0.00
9,100.0	2.08	145.97	9,096.7	-150.2	101.4	-149.1	0.00	0.00	0.00
9,200.0	2.08	145.97	9,196.7	-153.2	103.4	-152.0	0.00	0.00	0.00
9,300.0	2.08	145.97	9,296.6	-156.2	105.5	-155.0	0.00	0.00	0.00
9,400.0	2.08	145.97	9,396.5	-159.2	107.5	-158.0	0.00	0.00	0.00
9,500.0	2.08	145.97	9,496.5	-162.2	109.5	-161.0	0.00	0.00	0.00
9,600.0	2.08	145.97	9,596.4	-165.2	111.5	-164.0	0.00	0.00	0.00
9,700.0	2.08	145.97	9,696.3	-168.2	113.6	-167.0	0.00	0.00	0.00
9,800.0	2.08	145.97	9,796.3	-171.2	115.6	-169.9	0.00	0.00	0.00
9,900.0	2.08	145.97	9,896.2	-174.2	117.6	-172.9	0.00	0.00	0.00
10,000.0	2.08	145.97	9,996.1	-177.2	119.7	-175.9	0.00	0.00	0.00
10,100.0	2.08	145.97	10,096.1	-180.2	121.7	-178.9	0.00	0.00	0.00
10,200.0	2.08	145.97	10,196.0	-183.2	123.7	-181.9	0.00	0.00	0.00
10,300.0	2.08	145.97	10,295.9	-186.2	125.8	-184.9	0.00	0.00	0.00
10,400.0	2.08	145.97	10,395.9	-189.2	127.8	-187.8	0.00	0.00	0.00
10,500.0	2.08	145.97	10,495.8	-192.2	129.8	-190.8	0.00	0.00	0.00
10,559.5	2.08	145.97	10,555.3	-194.0	131.0	-192.6	0.00	0.00	0.00
10,575.0	1.16	83.17	10,570.8	-194.2	131.3	-192.8	12.00	-5.94	-405.15



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: #501H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #501H
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	3.33	19.73	10,595.8	-193.5	131.8	-192.1	12.00	8.70	-253.76
10,625.0	6.24	10.16	10,620.7	-191.5	132.3	-190.1	12.00	11.61	-38.31
10,650.0	9.20	6.69	10,645.4	-188.2	132.8	-186.7	12.00	11.86	-13.87
10,675.0	12.18	4.90	10,670.0	-183.6	133.2	-182.1	12.00	11.93	-7.14
10,700.0	15.17	3.81	10,694.3	-177.7	133.7	-176.2	12.00	11.96	-4.36
10,725.0	18.16	3.07	10,718.2	-170.5	134.1	-169.1	12.00	11.97	-2.95
10,750.0	21.16	2.54	10,741.8	-162.1	134.5	-160.7	12.00	11.98	-2.14
10,775.0	24.15	2.13	10,764.8	-152.5	134.9	-151.0	12.00	11.98	-1.63
10,800.0	27.15	1.81	10,787.4	-141.7	135.3	-140.2	12.00	11.99	-1.29
10,825.0	30.15	1.55	10,809.3	-129.7	135.6	-128.2	12.00	11.99	-1.05
10,850.0	33.15	1.33	10,830.6	-116.6	136.0	-115.1	12.00	11.99	-0.88
10,875.0	36.14	1.14	10,851.2	-102.4	136.3	-100.9	12.00	11.99	-0.75
10,900.0	39.14	0.98	10,870.9	-87.1	136.5	-85.6	12.00	11.99	-0.65
10,925.0	42.14	0.84	10,889.9	-70.8	136.8	-69.4	12.00	11.99	-0.57
10,950.0	45.14	0.71	10,908.0	-53.6	137.0	-52.1	12.00	11.99	-0.51
10,975.0	48.14	0.60	10,925.2	-35.4	137.2	-33.9	12.00	12.00	-0.46
11,000.0	51.14	0.49	10,941.4	-16.4	137.4	-14.9	12.00	12.00	-0.42
11,025.0	54.14	0.40	10,956.5	3.5	137.6	5.0	12.00	12.00	-0.38
11,050.0	57.14	0.31	10,970.6	24.1	137.7	25.6	12.00	12.00	-0.35
11,075.0	60.14	0.23	10,983.6	45.5	137.8	47.0	12.00	12.00	-0.33
11,100.0	63.13	0.15	10,995.5	67.5	137.9	69.0	12.00	12.00	-0.31
11,125.0	66.13	0.08	11,006.2	90.1	137.9	91.5	12.00	12.00	-0.30
11,134.9	67.32	0.05	11,010.1	99.2	137.9	100.7	12.00	12.00	-0.29
FTP (Nervosa 24 State Com #501H)									
11,150.0	69.13	0.00	11,015.7	113.2	137.9	114.7	12.00	12.00	-0.28
11,175.0	72.13	359.94	11,024.0	136.8	137.9	138.2	12.00	12.00	-0.27
11,200.0	75.13	359.87	11,031.1	160.7	137.9	162.2	12.00	12.00	-0.26
11,225.0	78.13	359.81	11,036.9	185.1	137.8	186.5	12.00	12.00	-0.25
11,250.0	81.13	359.75	11,041.4	209.6	137.7	211.1	12.00	12.00	-0.25
11,275.0	84.13	359.68	11,044.6	234.4	137.6	235.9	12.00	12.00	-0.25
11,300.0	87.13	359.62	11,046.5	259.4	137.4	260.8	12.00	12.00	-0.24
11,325.0	90.13	359.56	11,047.1	284.4	137.3	285.8	12.00	12.00	-0.24
11,330.6	90.80	359.55	11,047.0	289.9	137.2	291.4	12.00	12.00	-0.24
11,400.0	90.80	359.55	11,046.0	359.3	136.7	360.8	0.00	0.00	0.00
11,500.0	90.80	359.55	11,044.7	459.3	135.9	460.8	0.00	0.00	0.00
11,600.0	90.80	359.55	11,043.3	559.3	135.1	560.8	0.00	0.00	0.00
11,700.0	90.80	359.55	11,041.9	659.3	134.3	660.7	0.00	0.00	0.00
11,800.0	90.80	359.55	11,040.5	759.3	133.5	760.7	0.00	0.00	0.00
11,900.0	90.80	359.55	11,039.1	859.3	132.8	860.7	0.00	0.00	0.00
12,000.0	90.80	359.55	11,037.7	959.3	132.0	960.6	0.00	0.00	0.00
12,100.0	90.80	359.55	11,036.3	1,059.3	131.2	1,060.6	0.00	0.00	0.00
12,200.0	90.80	359.55	11,034.9	1,159.2	130.4	1,160.6	0.00	0.00	0.00
12,300.0	90.80	359.55	11,033.5	1,259.2	129.6	1,260.6	0.00	0.00	0.00
12,400.0	90.80	359.55	11,032.1	1,359.2	128.8	1,360.5	0.00	0.00	0.00
12,500.0	90.80	359.55	11,030.7	1,459.2	128.0	1,460.5	0.00	0.00	0.00
12,600.0	90.80	359.55	11,029.3	1,559.2	127.3	1,560.5	0.00	0.00	0.00
12,700.0	90.80	359.55	11,027.9	1,659.2	126.5	1,660.5	0.00	0.00	0.00
12,800.0	90.80	359.55	11,026.5	1,759.2	125.7	1,760.4	0.00	0.00	0.00
12,900.0	90.80	359.55	11,025.1	1,859.1	124.9	1,860.4	0.00	0.00	0.00
13,000.0	90.80	359.55	11,023.7	1,959.1	124.1	1,960.4	0.00	0.00	0.00
13,100.0	90.80	359.55	11,022.3	2,059.1	123.3	2,060.3	0.00	0.00	0.00
13,200.0	90.80	359.55	11,020.9	2,159.1	122.5	2,160.3	0.00	0.00	0.00
13,300.0	90.80	359.55	11,019.5	2,259.1	121.8	2,260.3	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: #501H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #501H
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)
13,400.0	90.80	359.55	11,018.1	2,359.1	121.0	2,360.3	0.00	0.00	0.00
13,500.0	90.80	359.55	11,016.7	2,459.1	120.2	2,460.2	0.00	0.00	0.00
13,600.0	90.80	359.55	11,015.3	2,559.1	119.4	2,560.2	0.00	0.00	0.00
13,700.0	90.80	359.55	11,013.9	2,659.0	118.6	2,660.2	0.00	0.00	0.00
13,800.0	90.80	359.55	11,012.5	2,759.0	117.8	2,760.2	0.00	0.00	0.00
13,900.0	90.80	359.55	11,011.1	2,859.0	117.1	2,860.1	0.00	0.00	0.00
14,000.0	90.80	359.55	11,009.7	2,959.0	116.3	2,960.1	0.00	0.00	0.00
14,100.0	90.80	359.55	11,008.4	3,059.0	115.5	3,060.1	0.00	0.00	0.00
14,200.0	90.80	359.55	11,007.0	3,159.0	114.7	3,160.0	0.00	0.00	0.00
14,300.0	90.80	359.55	11,005.6	3,259.0	113.9	3,260.0	0.00	0.00	0.00
14,400.0	90.80	359.55	11,004.2	3,359.0	113.1	3,360.0	0.00	0.00	0.00
14,500.0	90.80	359.55	11,002.8	3,458.9	112.3	3,460.0	0.00	0.00	0.00
14,600.0	90.80	359.55	11,001.4	3,558.9	111.6	3,559.9	0.00	0.00	0.00
14,700.0	90.80	359.55	11,000.0	3,658.9	110.8	3,659.9	0.00	0.00	0.00
14,800.0	90.80	359.55	10,998.6	3,758.9	110.0	3,759.9	0.00	0.00	0.00
14,900.0	90.80	359.55	10,997.2	3,858.9	109.2	3,859.9	0.00	0.00	0.00
15,000.0	90.80	359.55	10,995.8	3,958.9	108.4	3,959.8	0.00	0.00	0.00
15,100.0	90.80	359.55	10,994.4	4,058.9	107.6	4,059.8	0.00	0.00	0.00
15,200.0	90.80	359.55	10,993.0	4,158.9	106.8	4,159.8	0.00	0.00	0.00
15,300.0	90.80	359.55	10,991.6	4,258.8	106.1	4,259.7	0.00	0.00	0.00
15,400.0	90.80	359.55	10,990.2	4,358.8	105.3	4,359.7	0.00	0.00	0.00
15,500.0	90.80	359.55	10,988.8	4,458.8	104.5	4,459.7	0.00	0.00	0.00
15,600.0	90.80	359.55	10,987.4	4,558.8	103.7	4,559.7	0.00	0.00	0.00
15,700.0	90.80	359.55	10,986.0	4,658.8	102.9	4,659.6	0.00	0.00	0.00
15,800.0	90.80	359.55	10,984.6	4,758.8	102.1	4,759.6	0.00	0.00	0.00
15,900.0	90.80	359.55	10,983.2	4,858.8	101.3	4,859.6	0.00	0.00	0.00
16,000.0	90.80	359.55	10,981.8	4,958.8	100.6	4,959.6	0.00	0.00	0.00
16,100.0	90.80	359.55	10,980.4	5,058.7	99.8	5,059.5	0.00	0.00	0.00
16,200.0	90.80	359.55	10,979.0	5,158.7	99.0	5,159.5	0.00	0.00	0.00
16,300.0	90.80	359.55	10,977.6	5,258.7	98.2	5,259.5	0.00	0.00	0.00
16,400.0	90.80	359.55	10,976.2	5,358.7	97.4	5,359.4	0.00	0.00	0.00
16,500.0	90.80	359.55	10,974.8	5,458.7	96.6	5,459.4	0.00	0.00	0.00
16,600.0	90.80	359.55	10,973.4	5,558.7	95.8	5,559.4	0.00	0.00	0.00
16,700.0	90.80	359.55	10,972.1	5,658.7	95.1	5,659.4	0.00	0.00	0.00
16,800.0	90.80	359.55	10,970.7	5,758.6	94.3	5,759.3	0.00	0.00	0.00
16,900.0	90.80	359.55	10,969.3	5,858.6	93.5	5,859.3	0.00	0.00	0.00
17,000.0	90.80	359.55	10,967.9	5,958.6	92.7	5,959.3	0.00	0.00	0.00
17,100.0	90.80	359.55	10,966.5	6,058.6	91.9	6,059.3	0.00	0.00	0.00
17,200.0	90.80	359.55	10,965.1	6,158.6	91.1	6,159.2	0.00	0.00	0.00
17,300.0	90.80	359.55	10,963.7	6,258.6	90.3	6,259.2	0.00	0.00	0.00
17,400.0	90.80	359.55	10,962.3	6,358.6	89.6	6,359.2	0.00	0.00	0.00
17,500.0	90.80	359.55	10,960.9	6,458.6	88.8	6,459.1	0.00	0.00	0.00
17,600.0	90.80	359.55	10,959.5	6,558.5	88.0	6,559.1	0.00	0.00	0.00
17,700.0	90.80	359.55	10,958.1	6,658.5	87.2	6,659.1	0.00	0.00	0.00
17,800.0	90.80	359.55	10,956.7	6,758.5	86.4	6,759.1	0.00	0.00	0.00
17,900.0	90.80	359.55	10,955.3	6,858.5	85.6	6,859.0	0.00	0.00	0.00
18,000.0	90.80	359.55	10,953.9	6,958.5	84.9	6,959.0	0.00	0.00	0.00
18,100.0	90.80	359.55	10,952.5	7,058.5	84.1	7,059.0	0.00	0.00	0.00
18,200.0	90.80	359.55	10,951.1	7,158.5	83.3	7,159.0	0.00	0.00	0.00
18,300.0	90.80	359.55	10,949.7	7,258.5	82.5	7,258.9	0.00	0.00	0.00
18,400.0	90.80	359.55	10,948.3	7,358.4	81.7	7,358.9	0.00	0.00	0.00
18,490.6	90.80	359.55	10,947.0	7,449.0	81.0	7,449.4	0.00	0.00	0.00

PBHL (Nervosa 24 State Com #501H)



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: #501H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #501H
TVD Reference: KB = 25' @ 3789.0usft
MD Reference: KB = 25' @ 3789.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

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 State - plan hits target center - Point	0.00	0.00	10,947.0	7,449.0	81.0	541,228.00	751,373.00	32° 29' 7.104 N	103° 31' 5.259 W
FTP (Nervosa 24 State () - plan misses target center by 39.9usft at 11134.9usft MD (11010.1 TVD, 99.2 N, 137.9 E) - Point	0.00	0.00	11,047.0	84.0	138.0	533,863.00	751,430.00	32° 27' 54.223 N	103° 31' 5.251 W