

30-025-42120

HOBBS OCD

SEP 15 2014

RECEIVED



Lea County, NM (NAD 27 NME)

Hearns 27 State Com #503H

Cactus 123

Plan #3

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



Azimuths to Grid North
 True North: -0.41°
 Magnetic North: 8.30°

Magnetic Field
 Strength: 48289.5 nT
 Dip Angle: 60.07°
 Date: 8/23/2014
 Model: IGRF201014

To convert a Magnetic Direction to a Grid Direction, Add 8.80°
 To convert a Magnetic Direction to a True Direction, Add 7.31° East
 To convert a True Direction to a Grid Direction, Subtract 0.41°

WELL DETAILS: Hearns 27 State Com #503H

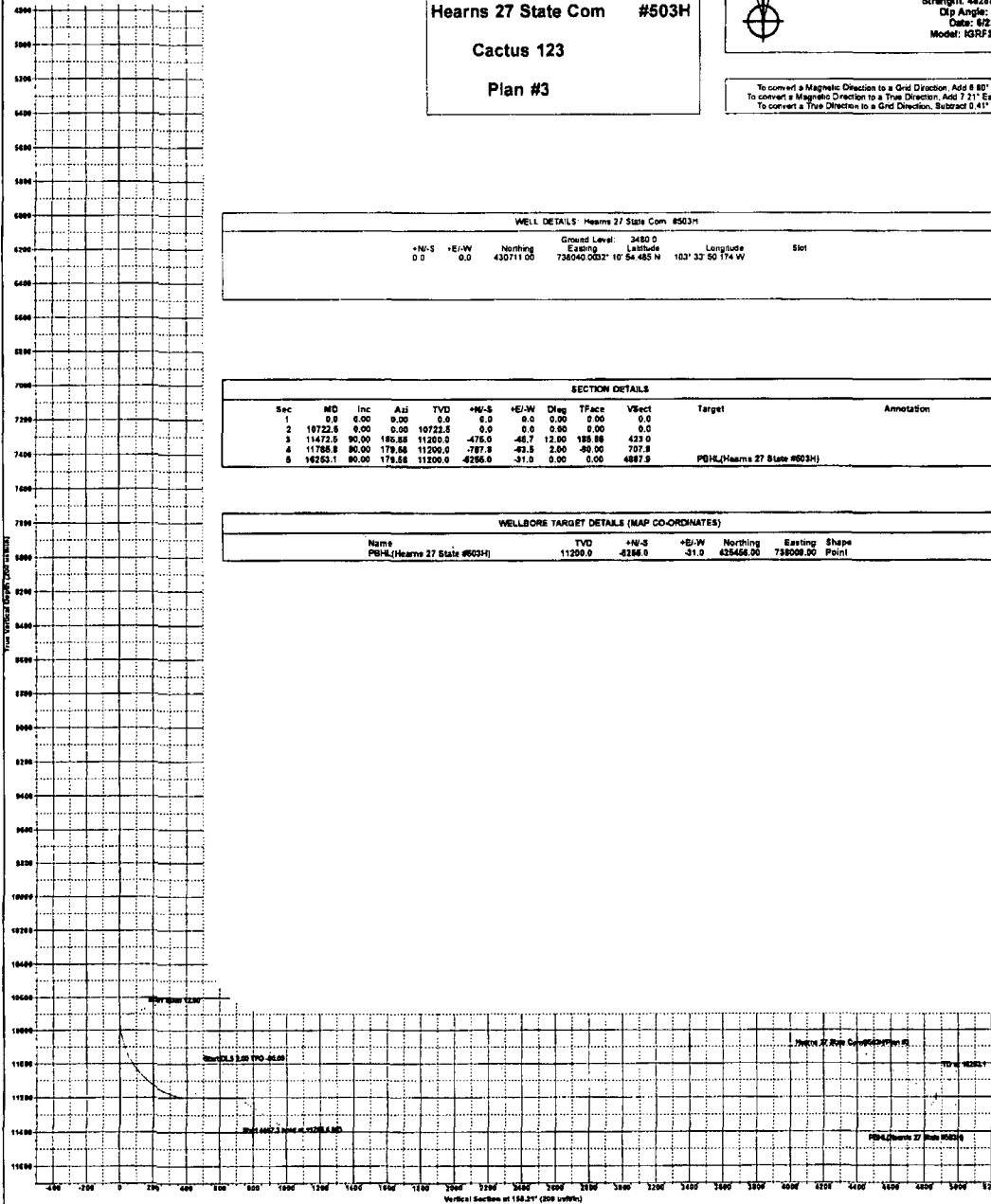
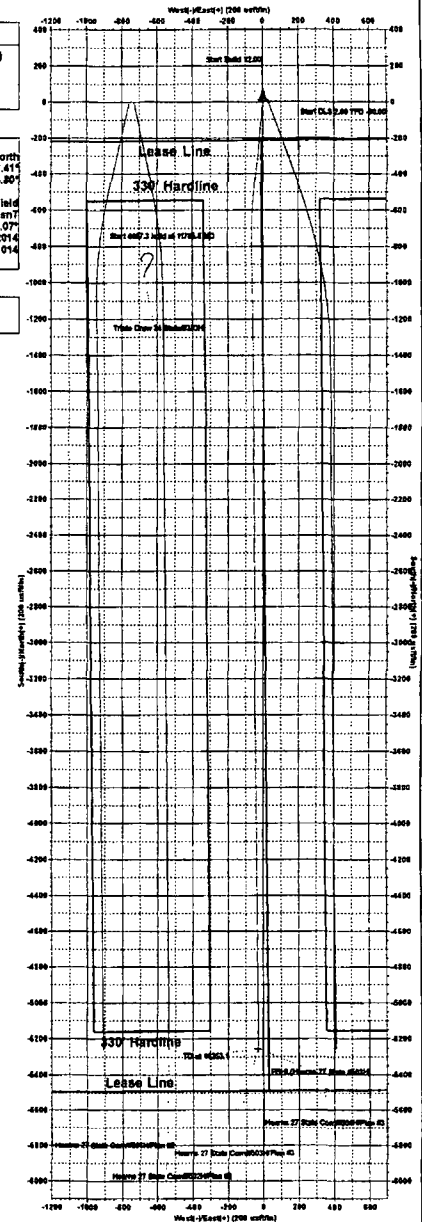
+N/-S	+E/-W	Northing	Easting	Ground Level	Latitude	Longitude	Spot
0.0	0.0	430711.00	736040.00	3480.0	10° 54' 48.5" N	103° 33' 50" W	

SECTION DETAILS

Sec	MD	Inc	Alt	TVD	+N/-S	+E/-W	Dleg	TPace	Vsect	Target	Annotation
1	9.9	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	19722.5	0.00	0.00	10723.5	0.0	0.0	0.00	0.00	0.0		
3	11472.5	90.00	185.88	11200.0	-476.0	-48.7	12.00	185.88	433.0		
4	11786.9	90.00	179.58	11200.0	-787.8	-42.5	2.00	-90.00	707.8		
5	16253.1	90.00	179.58	11200.0	-4256.0	-31.0	0.00	0.00	4887.5	PBHL(Hearns 27 State #503H)	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL(Hearns 27 State #503H)	11200.0	-4256.0	-31.0	430456.00	736008.00	Point



SEP 16 2014



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Hearns 27 State Com

#503H

OH

Plan: Plan #3

Standard Planning Report

15 September, 2014



EOG Resources, Inc.
Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Hearn 27 State Com
Well: #503H
Wellbore: OH
Design: Plan #3

Local Co-ordinate Reference: Well #503H
TVD Reference: KB = 30 @ 3510.0usft (Cactus 123)
MD Reference: KB = 30 @ 3510.0usft (Cactus 123)
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	Hearn 27 State Com			
Site Position:		Northing:	430,710.00 usft	Latitude: 32° 10' 54.484 N
From: Map		Easting:	737,910.00 usft	Longitude: 103° 33' 51.687 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.41 °

Well	#503H			
Well Position	+N-S	1.0 usft	Northing:	430,711.00 usft
	+E-W	130.0 usft	Easting:	738,040.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level: 3,480.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF201014	6/23/2014	7.21	60.07	48,289

Design	Plan #3			
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	158.21

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	
10,722.5	0.00	0.00	10,722.5	0.0	0.0	0.00	0.00	0.00	0.00	
11,472.5	90.00	185.85	11,200.0	-475.0	-48.7	12.00	12.00	0.00	185.85	
11,785.8	90.00	179.58	11,200.0	-787.8	-63.5	2.00	0.00	-2.00	-90.00	
16,253.1	90.00	179.58	11,200.0	-5,255.0	-31.0	0.00	0.00	0.00	0.00	PBHL(Hearn 27 Stat



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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	0.00	0.00	4,100.0	0.0	0.0	0.0	0.00	0.00	0.00
4,200.0	0.00	0.00	4,200.0	0.0	0.0	0.0	0.00	0.00	0.00
4,300.0	0.00	0.00	4,300.0	0.0	0.0	0.0	0.00	0.00	0.00
4,400.0	0.00	0.00	4,400.0	0.0	0.0	0.0	0.00	0.00	0.00
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.0	0.00	0.00	0.00
4,600.0	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00



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5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	0.00	0.00	5,700.0	0.0	0.0	0.0	0.00	0.00	0.00
5,800.0	0.00	0.00	5,800.0	0.0	0.0	0.0	0.00	0.00	0.00
5,900.0	0.00	0.00	5,900.0	0.0	0.0	0.0	0.00	0.00	0.00
6,000.0	0.00	0.00	6,000.0	0.0	0.0	0.0	0.00	0.00	0.00
6,100.0	0.00	0.00	6,100.0	0.0	0.0	0.0	0.00	0.00	0.00
6,200.0	0.00	0.00	6,200.0	0.0	0.0	0.0	0.00	0.00	0.00
6,300.0	0.00	0.00	6,300.0	0.0	0.0	0.0	0.00	0.00	0.00
6,400.0	0.00	0.00	6,400.0	0.0	0.0	0.0	0.00	0.00	0.00
6,500.0	0.00	0.00	6,500.0	0.0	0.0	0.0	0.00	0.00	0.00
6,600.0	0.00	0.00	6,600.0	0.0	0.0	0.0	0.00	0.00	0.00
6,700.0	0.00	0.00	6,700.0	0.0	0.0	0.0	0.00	0.00	0.00
6,800.0	0.00	0.00	6,800.0	0.0	0.0	0.0	0.00	0.00	0.00
6,900.0	0.00	0.00	6,900.0	0.0	0.0	0.0	0.00	0.00	0.00
7,000.0	0.00	0.00	7,000.0	0.0	0.0	0.0	0.00	0.00	0.00
7,100.0	0.00	0.00	7,100.0	0.0	0.0	0.0	0.00	0.00	0.00
7,200.0	0.00	0.00	7,200.0	0.0	0.0	0.0	0.00	0.00	0.00
7,300.0	0.00	0.00	7,300.0	0.0	0.0	0.0	0.00	0.00	0.00
7,400.0	0.00	0.00	7,400.0	0.0	0.0	0.0	0.00	0.00	0.00
7,500.0	0.00	0.00	7,500.0	0.0	0.0	0.0	0.00	0.00	0.00
7,600.0	0.00	0.00	7,600.0	0.0	0.0	0.0	0.00	0.00	0.00
7,700.0	0.00	0.00	7,700.0	0.0	0.0	0.0	0.00	0.00	0.00
7,800.0	0.00	0.00	7,800.0	0.0	0.0	0.0	0.00	0.00	0.00
7,900.0	0.00	0.00	7,900.0	0.0	0.0	0.0	0.00	0.00	0.00
8,000.0	0.00	0.00	8,000.0	0.0	0.0	0.0	0.00	0.00	0.00
8,100.0	0.00	0.00	8,100.0	0.0	0.0	0.0	0.00	0.00	0.00
8,200.0	0.00	0.00	8,200.0	0.0	0.0	0.0	0.00	0.00	0.00
8,300.0	0.00	0.00	8,300.0	0.0	0.0	0.0	0.00	0.00	0.00
8,400.0	0.00	0.00	8,400.0	0.0	0.0	0.0	0.00	0.00	0.00
8,500.0	0.00	0.00	8,500.0	0.0	0.0	0.0	0.00	0.00	0.00
8,600.0	0.00	0.00	8,600.0	0.0	0.0	0.0	0.00	0.00	0.00
8,700.0	0.00	0.00	8,700.0	0.0	0.0	0.0	0.00	0.00	0.00
8,800.0	0.00	0.00	8,800.0	0.0	0.0	0.0	0.00	0.00	0.00
8,900.0	0.00	0.00	8,900.0	0.0	0.0	0.0	0.00	0.00	0.00
9,000.0	0.00	0.00	9,000.0	0.0	0.0	0.0	0.00	0.00	0.00
9,100.0	0.00	0.00	9,100.0	0.0	0.0	0.0	0.00	0.00	0.00
9,200.0	0.00	0.00	9,200.0	0.0	0.0	0.0	0.00	0.00	0.00
9,300.0	0.00	0.00	9,300.0	0.0	0.0	0.0	0.00	0.00	0.00
9,400.0	0.00	0.00	9,400.0	0.0	0.0	0.0	0.00	0.00	0.00
9,500.0	0.00	0.00	9,500.0	0.0	0.0	0.0	0.00	0.00	0.00
9,600.0	0.00	0.00	9,600.0	0.0	0.0	0.0	0.00	0.00	0.00
9,700.0	0.00	0.00	9,700.0	0.0	0.0	0.0	0.00	0.00	0.00
9,800.0	0.00	0.00	9,800.0	0.0	0.0	0.0	0.00	0.00	0.00
9,900.0	0.00	0.00	9,900.0	0.0	0.0	0.0	0.00	0.00	0.00
10,000.0	0.00	0.00	10,000.0	0.0	0.0	0.0	0.00	0.00	0.00
10,100.0	0.00	0.00	10,100.0	0.0	0.0	0.0	0.00	0.00	0.00
10,200.0	0.00	0.00	10,200.0	0.0	0.0	0.0	0.00	0.00	0.00
10,300.0	0.00	0.00	10,300.0	0.0	0.0	0.0	0.00	0.00	0.00
10,400.0	0.00	0.00	10,400.0	0.0	0.0	0.0	0.00	0.00	0.00
10,500.0	0.00	0.00	10,500.0	0.0	0.0	0.0	0.00	0.00	0.00
10,600.0	0.00	0.00	10,600.0	0.0	0.0	0.0	0.00	0.00	0.00
10,700.0	0.00	0.00	10,700.0	0.0	0.0	0.0	0.00	0.00	0.00



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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)
10,722.5	0.00	0.00	10,722.5	0.0	0.0	0.0	0.00	0.00	0.00
10,725.0	0.30	185.85	10,725.0	0.0	0.0	0.0	12.00	12.00	0.00
10,750.0	3.30	185.85	10,750.0	-0.8	-0.1	0.7	12.00	12.00	0.00
10,775.0	6.30	185.85	10,774.9	-2.9	-0.3	2.6	12.00	12.00	0.00
10,800.0	9.30	185.85	10,789.7	-6.2	-0.6	5.6	12.00	12.00	0.00
10,825.0	12.30	185.85	10,824.2	-10.9	-1.1	9.7	12.00	12.00	-0.01
10,850.0	15.30	185.85	10,848.5	-16.8	-1.7	15.0	12.00	12.00	0.00
10,875.0	18.30	185.85	10,872.4	-24.0	-2.5	21.4	12.00	12.00	0.00
10,900.0	21.30	185.85	10,895.9	-32.4	-3.3	28.9	12.00	12.00	0.00
10,925.0	24.30	185.85	10,919.0	-42.1	-4.3	37.5	12.00	12.00	0.00
10,950.0	27.30	185.85	10,941.5	-52.9	-5.4	47.1	12.00	12.00	0.00
10,975.0	30.30	185.85	10,963.4	-64.9	-6.6	57.8	12.00	12.00	0.00
11,000.0	33.30	185.85	10,984.6	-78.0	-8.0	69.4	12.00	12.00	0.00
11,025.0	36.30	185.85	11,005.2	-92.2	-9.4	82.1	12.00	12.00	0.00
11,050.0	39.30	185.85	11,024.9	-107.4	-11.0	95.7	12.00	12.00	0.00
11,075.0	42.30	185.85	11,043.8	-123.7	-12.7	110.1	12.00	12.00	0.00
11,100.0	45.30	185.85	11,061.9	-140.9	-14.4	125.5	12.00	12.00	0.00
11,125.0	48.30	185.85	11,079.0	-159.0	-16.3	141.6	12.00	12.00	0.00
11,150.0	51.30	185.85	11,095.1	-178.0	-18.2	158.5	12.00	12.00	0.00
11,175.0	54.30	185.85	11,110.2	-197.8	-20.3	176.1	12.00	12.00	0.00
11,200.0	57.30	185.85	11,124.3	-218.4	-22.4	194.5	12.00	12.00	0.00
11,225.0	60.30	185.85	11,137.2	-239.6	-24.6	213.4	12.00	12.00	0.00
11,250.0	63.30	185.85	11,149.1	-261.6	-26.8	232.9	12.00	12.00	0.00
11,275.0	66.30	185.85	11,159.7	-284.1	-29.1	253.0	12.00	12.00	0.00
11,300.0	69.30	185.85	11,169.1	-307.1	-31.5	273.5	12.00	12.00	0.00
11,325.0	72.30	185.85	11,177.4	-330.6	-33.9	294.4	12.00	12.00	0.00
11,350.0	75.30	185.85	11,184.3	-354.4	-36.3	315.6	12.00	12.00	0.00
11,375.0	78.30	185.85	11,190.0	-378.7	-38.8	337.2	12.00	12.00	0.00
11,400.0	81.30	185.85	11,194.5	-403.1	-41.3	359.0	12.00	12.00	0.00
11,425.0	84.30	185.85	11,197.6	-427.8	-43.8	380.9	12.00	12.00	0.00
11,450.0	87.30	185.85	11,199.4	-452.6	-46.4	403.0	12.00	12.00	0.00
11,472.5	90.00	185.85	11,200.0	-475.0	-48.7	423.0	12.00	12.00	0.00
11,500.0	90.00	185.30	11,200.0	-502.3	-51.3	447.4	2.00	0.00	-2.00
11,600.0	90.00	183.30	11,200.0	-602.1	-58.8	537.2	2.00	0.00	-2.00
11,700.0	90.00	181.30	11,200.0	-702.0	-62.8	628.5	2.00	0.00	-2.00
11,785.8	90.00	179.58	11,200.0	-787.8	-63.5	707.9	2.00	0.00	-2.00
11,800.0	90.00	179.58	11,200.0	-802.0	-63.4	721.1	0.00	0.00	0.00
11,900.0	90.00	179.58	11,200.0	-902.0	-62.7	814.2	0.00	0.00	0.00
12,000.0	90.00	179.58	11,200.0	-1,002.0	-62.0	907.3	0.00	0.00	0.00
12,100.0	90.00	179.58	11,200.0	-1,102.0	-61.2	1,000.5	0.00	0.00	0.00
12,200.0	90.00	179.58	11,200.0	-1,202.0	-60.5	1,093.6	0.00	0.00	0.00
12,300.0	90.00	179.58	11,200.0	-1,302.0	-59.8	1,186.7	0.00	0.00	0.00
12,400.0	90.00	179.58	11,200.0	-1,402.0	-59.0	1,279.8	0.00	0.00	0.00
12,500.0	90.00	179.58	11,200.0	-1,502.0	-58.3	1,372.9	0.00	0.00	0.00
12,600.0	90.00	179.58	11,200.0	-1,601.9	-57.6	1,466.1	0.00	0.00	0.00
12,700.0	90.00	179.58	11,200.0	-1,701.9	-56.9	1,559.2	0.00	0.00	0.00
12,800.0	90.00	179.58	11,200.0	-1,801.9	-56.1	1,652.3	0.00	0.00	0.00
12,900.0	90.00	179.58	11,200.0	-1,901.9	-55.4	1,745.4	0.00	0.00	0.00
13,000.0	90.00	179.58	11,200.0	-2,001.9	-54.7	1,838.5	0.00	0.00	0.00
13,100.0	90.00	179.58	11,200.0	-2,101.9	-53.9	1,931.7	0.00	0.00	0.00
13,200.0	90.00	179.58	11,200.0	-2,201.9	-53.2	2,024.8	0.00	0.00	0.00
13,300.0	90.00	179.58	11,200.0	-2,301.9	-52.5	2,117.9	0.00	0.00	0.00
13,400.0	90.00	179.58	11,200.0	-2,401.9	-51.8	2,211.0	0.00	0.00	0.00
13,500.0	90.00	179.58	11,200.0	-2,501.9	-51.0	2,304.1	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: Hearn 27 State Com
 Well: #503H
 Wellbore: OH
 Design: Plan #3

Local Co-ordinate Reference: Well #503H
 TVD Reference: KB = 30 @ 3510.0usft (Cactus 123)
 MD Reference: KB = 30 @ 3510.0usft (Cactus 123)
 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)
13,600.0	90.00	179.58	11,200.0	-2,601.9	-50.3	2,397.3	0.00	0.00	0.00
13,700.0	90.00	179.58	11,200.0	-2,701.9	-49.6	2,490.4	0.00	0.00	0.00
13,800.0	90.00	179.58	11,200.0	-2,801.9	-48.9	2,583.5	0.00	0.00	0.00
13,900.0	90.00	179.58	11,200.0	-2,901.9	-48.1	2,676.6	0.00	0.00	0.00
14,000.0	90.00	179.58	11,200.0	-3,001.9	-47.4	2,769.7	0.00	0.00	0.00
14,100.0	90.00	179.58	11,200.0	-3,101.9	-46.7	2,862.9	0.00	0.00	0.00
14,200.0	90.00	179.58	11,200.0	-3,201.9	-45.9	2,956.0	0.00	0.00	0.00
14,300.0	90.00	179.58	11,200.0	-3,301.9	-45.2	3,049.1	0.00	0.00	0.00
14,400.0	90.00	179.58	11,200.0	-3,401.9	-44.5	3,142.2	0.00	0.00	0.00
14,500.0	90.00	179.58	11,200.0	-3,501.9	-43.8	3,235.3	0.00	0.00	0.00
14,600.0	90.00	179.58	11,200.0	-3,601.9	-43.0	3,328.5	0.00	0.00	0.00
14,700.0	90.00	179.58	11,200.0	-3,701.9	-42.3	3,421.6	0.00	0.00	0.00
14,800.0	90.00	179.58	11,200.0	-3,801.9	-41.6	3,514.7	0.00	0.00	0.00
14,900.0	90.00	179.58	11,200.0	-3,901.9	-40.8	3,607.8	0.00	0.00	0.00
15,000.0	90.00	179.58	11,200.0	-4,001.9	-40.1	3,700.9	0.00	0.00	0.00
15,100.0	90.00	179.58	11,200.0	-4,101.9	-39.4	3,794.1	0.00	0.00	0.00
15,200.0	90.00	179.58	11,200.0	-4,201.9	-38.7	3,887.2	0.00	0.00	0.00
15,300.0	90.00	179.58	11,200.0	-4,301.9	-37.9	3,980.3	0.00	0.00	0.00
15,400.0	90.00	179.58	11,200.0	-4,401.9	-37.2	4,073.4	0.00	0.00	0.00
15,500.0	90.00	179.58	11,200.0	-4,501.9	-36.5	4,166.5	0.00	0.00	0.00
15,600.0	90.00	179.58	11,200.0	-4,601.9	-35.8	4,259.7	0.00	0.00	0.00
15,700.0	90.00	179.58	11,200.0	-4,701.9	-35.0	4,352.8	0.00	0.00	0.00
15,800.0	90.00	179.58	11,200.0	-4,801.9	-34.3	4,445.9	0.00	0.00	0.00
15,900.0	90.00	179.58	11,200.0	-4,901.9	-33.6	4,539.0	0.00	0.00	0.00
16,000.0	90.00	179.58	11,200.0	-5,001.9	-32.8	4,632.1	0.00	0.00	0.00
16,100.0	90.00	179.58	11,200.0	-5,101.9	-32.1	4,725.2	0.00	0.00	0.00
16,200.0	90.00	179.58	11,200.0	-5,201.9	-31.4	4,818.4	0.00	0.00	0.00
16,253.1	90.00	179.58	11,200.0	-5,255.0	-31.0	4,867.9	0.00	0.00	0.00

PBHL(Hearn 27 State #503H)

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(Hearn 27 State #	0.00	0.00	11,200.0	-5,255.0	-31.0	425,456.00	738,009.00	32° 10' 2.486 N	103° 33' 50.972 W
- plan hits target center									
- Point									