

APR 04 2016

RECEIVED



Lea County, NM (NAD 27 NME)

Hawk 26 Fed #707H

GL 3528' + 30' KB

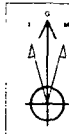
Plan #1

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: #707H

Ground Level: 3528.0
WELL @ 3528.0ush (GL 3528' + 30' KB)
Northing: 431052.00 Easting: 745558.00 Latitude: 32° 10' 57.319 N Longitude: 103° 32' 22.873 W



Azimuths to Grid North
True North: -0.42°
Magnetic North: 6.80°

Magnetic Field
Strength: 48317.6nT
Dip Angle: 80.08°
Date: 3/20/2014
Model: IGRF2010

To convert a Magnetic Direction to a Grid Direction: Add 6.81°
To convert a Magnetic Direction to a True Direction: Add 7.23° East
To convert a True Direction to a Grid Direction: Subtract 0.42°

SECTION DETAILS

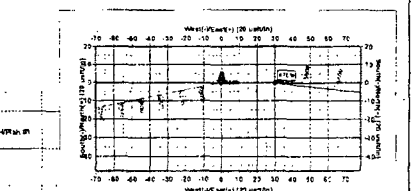
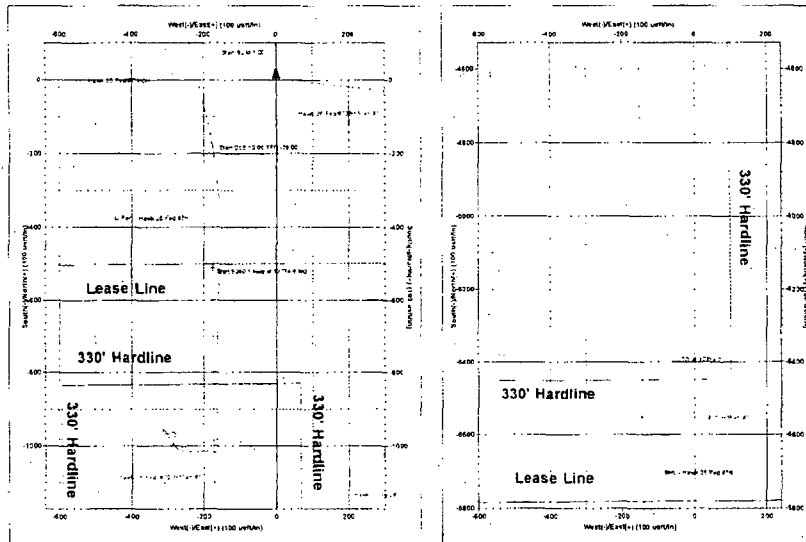
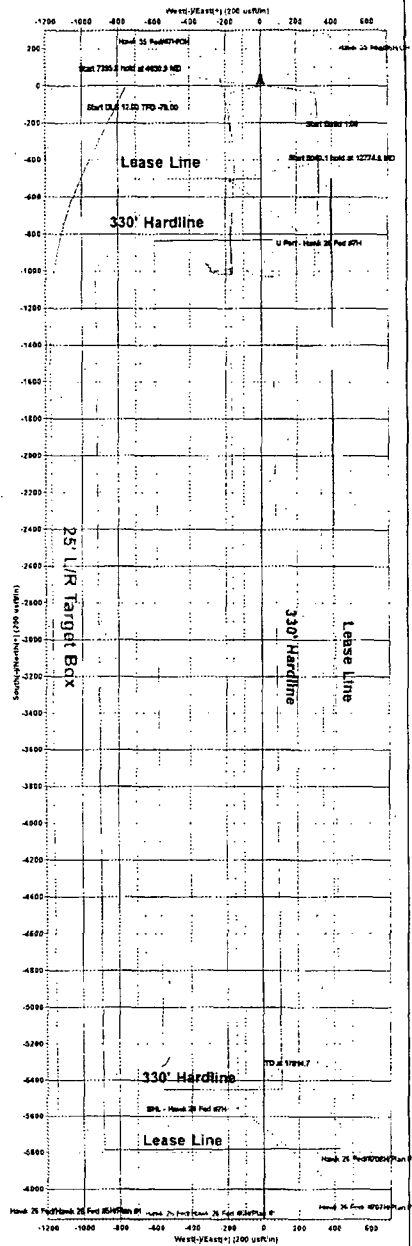
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSec	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	4550.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0		
3	4630.8	1.31	258.67	4630.8	-0.3	-1.5	1.00	258.67	0.3		
4	12024.7	1.31	258.67	12024.7	-33.5	-167.1	0.00	0.00	37.9		
5	12774.6	90.00	179.67	12500.0	-511.0	-176.0	12.00	-79.00	515.4	U Perf - Hawk 26 Fed #7H	
6	17874.7	90.00	179.67	12500.0	-5551.0	-146.0	0.00	0.00	6962.8	BHL - Hawk 26 Fed #7H	

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
U Perf - Hawk 26 Fed #7H	12500.0	-511.0	-176.0	430541.00	745383.00
BHL - Hawk 26 Fed #7H	12500.0	-5551.0	-146.0	435551.00	745412.00





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Hawk 26 Fed

#707H

OH

Plan: Plan #1

Standard Planning Report

15 October, 2015



EOG Resources, Inc.

Planning Report

Database: EDM 5000.1 Single User Db
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 27 NME)
Site: Hawk 26 Fed
Well: #707H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #707H
TVD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
MD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
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	Hawk 26 Fed			
Site Position:		Northing:	431,034.00 usft	Latitude: 32° 10' 57.351 N
From:	Map	Easting:	742,667.00 usft	Longitude: 103° 32' 56.312 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.42 °

Well	#707H			
Well Position	+N/-S	18.0 usft	Northing:	431,052.00 usft
	+E/-W	2,891.0 usft	Easting:	745,558.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:		Ground Level: 3,528.0 usft

Wellbore	OH			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)
	IGRF2010	3/20/2014	7.23	60.08
				Field Strength (nT) 48.318

Design	Plan #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	181.51

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	
4,500.0	0.00	0.00	4,500.0	0.0	0.0	0.00	0.00	0.00	0.00	
4,630.9	1.31	258.67	4,630.9	-0.3	-1.5	1.00	1.00	0.00	258.67	
12,026.7	1.31	258.67	12,024.7	-33.5	-167.1	0.00	0.00	0.00	0.00	
12,774.6	90.00	179.67	12,500.0	-511.0	-175.0	12.00	11.86	-10.56	-79.00	U Perf - Hawk 26 Fed
17,814.7	90.00	179.67	12,500.0	-5,551.0	-146.0	0.00	0.00	0.00	0.00	BHL - Hawk 26 Fed #



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 Project: Lea County, NM (NAD 27 NME)
 Site: Hawk 26 Fed
 Well: #707H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference: Well #707H
 TVD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
 MD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
 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	1.00	258.67	4,600.0	-0.2	-0.9	0.2	1.00	1.00	0.00
4,630.9	1.31	258.67	4,630.9	-0.3	-1.5	0.3	1.00	1.00	0.00
4,700.0	1.31	258.67	4,700.0	-0.6	-3.0	0.7	0.00	0.00	0.00
4,800.0	1.31	258.67	4,799.9	-1.1	-5.3	1.2	0.00	0.00	0.00
4,900.0	1.31	258.67	4,899.9	-1.5	-7.5	1.7	0.00	0.00	0.00
5,000.0	1.31	258.67	4,999.9	-2.0	-9.7	2.2	0.00	0.00	0.00
5,100.0	1.31	258.67	5,099.9	-2.4	-12.0	2.7	0.00	0.00	0.00
5,200.0	1.31	258.67	5,199.8	-2.8	-14.2	3.2	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)
5,300.0	1.31	258.67	5,299.8	-3.3	-16.5	3.7	0.00	0.00	0.00
5,400.0	1.31	258.67	5,399.8	-3.7	-18.7	4.2	0.00	0.00	0.00
5,500.0	1.31	258.67	5,499.8	-4.2	-20.9	4.7	0.00	0.00	0.00
5,600.0	1.31	258.67	5,599.7	-4.6	-23.2	5.3	0.00	0.00	0.00
5,700.0	1.31	258.67	5,699.7	-5.1	-25.4	5.8	0.00	0.00	0.00
5,800.0	1.31	258.67	5,799.7	-5.5	-27.6	6.3	0.00	0.00	0.00
5,900.0	1.31	258.67	5,899.7	-6.0	-29.9	6.8	0.00	0.00	0.00
6,000.0	1.31	258.67	5,999.6	-6.4	-32.1	7.3	0.00	0.00	0.00
6,100.0	1.31	258.67	6,099.6	-6.9	-34.4	7.8	0.00	0.00	0.00
6,200.0	1.31	258.67	6,199.6	-7.3	-36.6	8.3	0.00	0.00	0.00
6,300.0	1.31	258.67	6,299.6	-7.8	-38.8	8.8	0.00	0.00	0.00
6,400.0	1.31	258.67	6,399.5	-8.2	-41.1	9.3	0.00	0.00	0.00
6,500.0	1.31	258.67	6,499.5	-8.7	-43.3	9.8	0.00	0.00	0.00
6,600.0	1.31	258.67	6,599.5	-9.1	-45.6	10.3	0.00	0.00	0.00
6,700.0	1.31	258.67	6,699.4	-9.6	-47.8	10.8	0.00	0.00	0.00
6,800.0	1.31	258.67	6,799.4	-10.0	-50.0	11.3	0.00	0.00	0.00
6,900.0	1.31	258.67	6,899.4	-10.5	-52.3	11.8	0.00	0.00	0.00
7,000.0	1.31	258.67	6,999.4	-10.9	-54.5	12.4	0.00	0.00	0.00
7,100.0	1.31	258.67	7,099.3	-11.4	-56.8	12.9	0.00	0.00	0.00
7,200.0	1.31	258.67	7,199.3	-11.8	-59.0	13.4	0.00	0.00	0.00
7,300.0	1.31	258.67	7,299.3	-12.3	-61.2	13.9	0.00	0.00	0.00
7,400.0	1.31	258.67	7,399.3	-12.7	-63.5	14.4	0.00	0.00	0.00
7,500.0	1.31	258.67	7,499.2	-13.2	-65.7	14.9	0.00	0.00	0.00
7,600.0	1.31	258.67	7,599.2	-13.6	-68.0	15.4	0.00	0.00	0.00
7,700.0	1.31	258.67	7,699.2	-14.1	-70.2	15.9	0.00	0.00	0.00
7,800.0	1.31	258.67	7,799.2	-14.5	-72.4	16.4	0.00	0.00	0.00
7,900.0	1.31	258.67	7,899.1	-15.0	-74.7	16.9	0.00	0.00	0.00
8,000.0	1.31	258.67	7,999.1	-15.4	-76.9	17.4	0.00	0.00	0.00
8,100.0	1.31	258.67	8,099.1	-15.9	-79.2	17.9	0.00	0.00	0.00
8,200.0	1.31	258.67	8,199.1	-16.3	-81.4	18.4	0.00	0.00	0.00
8,300.0	1.31	258.67	8,299.0	-16.8	-83.6	19.0	0.00	0.00	0.00
8,400.0	1.31	258.67	8,399.0	-17.2	-85.9	19.5	0.00	0.00	0.00
8,500.0	1.31	258.67	8,499.0	-17.7	-88.1	20.0	0.00	0.00	0.00
8,600.0	1.31	258.67	8,599.0	-18.1	-90.4	20.5	0.00	0.00	0.00
8,700.0	1.31	258.67	8,698.9	-18.6	-92.6	21.0	0.00	0.00	0.00
8,800.0	1.31	258.67	8,798.9	-19.0	-94.8	21.5	0.00	0.00	0.00
8,900.0	1.31	258.67	8,898.9	-19.5	-97.1	22.0	0.00	0.00	0.00
9,000.0	1.31	258.67	8,998.8	-19.9	-99.3	22.5	0.00	0.00	0.00
9,100.0	1.31	258.67	9,098.8	-20.4	-101.5	23.0	0.00	0.00	0.00
9,200.0	1.31	258.67	9,198.8	-20.8	-103.8	23.5	0.00	0.00	0.00
9,300.0	1.31	258.67	9,298.8	-21.2	-106.0	24.0	0.00	0.00	0.00
9,400.0	1.31	258.67	9,398.7	-21.7	-108.3	24.5	0.00	0.00	0.00
9,500.0	1.31	258.67	9,498.7	-22.1	-110.5	25.0	0.00	0.00	0.00
9,600.0	1.31	258.67	9,598.7	-22.6	-112.7	25.6	0.00	0.00	0.00
9,700.0	1.31	258.67	9,698.7	-23.0	-115.0	26.1	0.00	0.00	0.00
9,800.0	1.31	258.67	9,798.6	-23.5	-117.2	26.6	0.00	0.00	0.00
9,900.0	1.31	258.67	9,898.6	-23.9	-119.5	27.1	0.00	0.00	0.00
10,000.0	1.31	258.67	9,998.6	-24.4	-121.7	27.6	0.00	0.00	0.00
10,100.0	1.31	258.67	10,098.6	-24.8	-123.9	28.1	0.00	0.00	0.00
10,200.0	1.31	258.67	10,198.5	-25.3	-126.2	28.6	0.00	0.00	0.00
10,300.0	1.31	258.67	10,298.5	-25.7	-128.4	29.1	0.00	0.00	0.00
10,400.0	1.31	258.67	10,398.5	-26.2	-130.7	29.6	0.00	0.00	0.00
10,500.0	1.31	258.67	10,498.5	-26.6	-132.9	30.1	0.00	0.00	0.00
10,600.0	1.31	258.67	10,598.4	-27.1	-135.1	30.6	0.00	0.00	0.00



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10,700.0	1.31	258.67	10,698.4	-27.5	-137.4	31.1	0.00	0.00	0.00
10,800.0	1.31	258.67	10,798.4	-28.0	-139.6	31.6	0.00	0.00	0.00
10,900.0	1.31	258.67	10,898.4	-28.4	-141.9	32.1	0.00	0.00	0.00
11,000.0	1.31	258.67	10,998.3	-28.9	-144.1	32.7	0.00	0.00	0.00
11,100.0	1.31	258.67	11,098.3	-29.3	-146.3	33.2	0.00	0.00	0.00
11,200.0	1.31	258.67	11,198.3	-29.8	-148.6	33.7	0.00	0.00	0.00
11,300.0	1.31	258.67	11,298.2	-30.2	-150.8	34.2	0.00	0.00	0.00
11,400.0	1.31	258.67	11,398.2	-30.7	-153.1	34.7	0.00	0.00	0.00
11,500.0	1.31	258.67	11,498.2	-31.1	-155.3	35.2	0.00	0.00	0.00
11,600.0	1.31	258.67	11,598.2	-31.6	-157.5	35.7	0.00	0.00	0.00
11,700.0	1.31	258.67	11,698.1	-32.0	-159.8	36.2	0.00	0.00	0.00
11,800.0	1.31	258.67	11,798.1	-32.5	-162.0	36.7	0.00	0.00	0.00
11,900.0	1.31	258.67	11,898.1	-32.9	-164.3	37.2	0.00	0.00	0.00
12,000.0	1.31	258.67	11,998.1	-33.4	-166.5	37.7	0.00	0.00	0.00
12,026.7	1.31	258.67	12,024.7	-33.5	-167.1	37.9	0.00	0.00	0.00
12,050.0	3.31	202.50	12,048.0	-34.2	-167.6	38.6	12.00	8.57	-240.82
12,075.0	6.18	191.62	12,073.0	-36.1	-168.2	40.6	12.00	11.50	-43.53
12,100.0	9.14	187.68	12,097.7	-39.4	-168.7	43.9	12.00	11.82	-15.73
12,125.0	12.12	185.67	12,122.3	-44.0	-169.2	48.4	12.00	11.91	-8.07
12,150.0	15.10	184.44	12,146.6	-49.9	-169.7	54.3	12.00	11.94	-4.92
12,175.0	18.09	183.61	12,170.5	-57.0	-170.2	61.5	12.00	11.96	-3.32
12,200.0	21.09	183.00	12,194.1	-65.4	-170.7	69.8	12.00	11.97	-2.41
12,225.0	24.08	182.55	12,217.2	-74.9	-171.2	79.4	12.00	11.98	-1.83
12,250.0	27.08	182.18	12,239.7	-85.7	-171.6	90.2	12.00	11.98	-1.45
12,275.0	30.07	181.89	12,261.7	-97.7	-172.0	102.2	12.00	11.99	-1.18
12,300.0	33.07	181.64	12,283.0	-110.8	-172.4	115.3	12.00	11.99	-0.98
12,325.0	36.07	181.43	12,303.6	-124.9	-172.8	129.4	12.00	11.99	-0.84
12,350.0	39.07	181.25	12,323.4	-140.2	-173.2	144.7	12.00	11.99	-0.72
12,375.0	42.06	181.09	12,342.4	-156.4	-173.5	160.9	12.00	11.99	-0.64
12,400.0	45.06	180.95	12,360.5	-173.7	-173.8	178.2	12.00	11.99	-0.57
12,425.0	48.06	180.82	12,377.7	-191.8	-174.1	196.3	12.00	11.99	-0.51
12,450.0	51.06	180.71	12,393.9	-210.8	-174.3	215.3	12.00	11.99	-0.46
12,475.0	54.06	180.60	12,409.1	-230.7	-174.6	235.2	12.00	12.00	-0.43
12,500.0	57.06	180.50	12,423.2	-251.3	-174.8	255.8	12.00	12.00	-0.40
12,525.0	60.06	180.41	12,436.2	-272.6	-174.9	277.1	12.00	12.00	-0.37
12,550.0	63.06	180.32	12,448.2	-294.6	-175.1	299.1	12.00	12.00	-0.35
12,575.0	66.05	180.24	12,458.9	-317.2	-175.2	321.7	12.00	12.00	-0.33
12,600.0	69.05	180.16	12,468.4	-340.3	-175.3	344.8	12.00	12.00	-0.32
12,625.0	72.05	180.09	12,476.8	-363.8	-175.3	368.3	12.00	12.00	-0.30
12,650.0	75.05	180.01	12,483.8	-387.8	-175.3	392.3	12.00	12.00	-0.29
12,675.0	78.05	179.94	12,489.7	-412.1	-175.3	416.6	12.00	12.00	-0.28
12,700.0	81.05	179.87	12,494.2	-436.7	-175.3	441.2	12.00	12.00	-0.28
12,725.0	84.05	179.80	12,497.4	-461.5	-175.2	465.9	12.00	12.00	-0.27
12,750.0	87.05	179.74	12,499.4	-486.4	-175.1	490.9	12.00	12.00	-0.27
12,774.6	90.00	179.67	12,500.0	-511.0	-175.0	515.4	12.00	12.00	-0.27
12,800.0	90.00	179.67	12,500.0	-536.4	-174.9	540.8	0.00	0.00	0.00
12,900.0	90.00	179.67	12,500.0	-636.4	-174.3	640.8	0.00	0.00	0.00
13,000.0	90.00	179.67	12,500.0	-736.4	-173.7	740.7	0.00	0.00	0.00
13,100.0	90.00	179.67	12,500.0	-836.4	-173.1	840.7	0.00	0.00	0.00
13,200.0	90.00	179.67	12,500.0	-936.4	-172.6	940.6	0.00	0.00	0.00
13,300.0	90.00	179.67	12,500.0	-1,036.4	-172.0	1,040.6	0.00	0.00	0.00
13,400.0	90.00	179.67	12,500.0	-1,136.4	-171.4	1,140.5	0.00	0.00	0.00
13,500.0	90.00	179.67	12,500.0	-1,236.4	-170.8	1,240.5	0.00	0.00	0.00
13,600.0	90.00	179.67	12,500.0	-1,336.4	-170.3	1,340.4	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: Hawk 26 Fed
Well: #707H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #707H
TVD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
MD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
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)
13,700.0	90.00	179.67	12,500.0	-1,436.4	-169.7	1,440.4	0.00	0.00	0.00
13,800.0	90.00	179.67	12,500.0	-1,536.4	-169.1	1,540.3	0.00	0.00	0.00
13,900.0	90.00	179.67	12,500.0	-1,636.4	-168.5	1,640.3	0.00	0.00	0.00
14,000.0	90.00	179.67	12,500.0	-1,736.4	-167.9	1,740.2	0.00	0.00	0.00
14,100.0	90.00	179.67	12,500.0	-1,836.4	-167.4	1,840.1	0.00	0.00	0.00
14,200.0	90.00	179.67	12,500.0	-1,936.4	-166.8	1,940.1	0.00	0.00	0.00
14,300.0	90.00	179.67	12,500.0	-2,036.4	-166.2	2,040.0	0.00	0.00	0.00
14,400.0	90.00	179.67	12,500.0	-2,136.4	-165.6	2,140.0	0.00	0.00	0.00
14,500.0	90.00	179.67	12,500.0	-2,236.4	-165.1	2,239.9	0.00	0.00	0.00
14,600.0	90.00	179.67	12,500.0	-2,336.4	-164.5	2,339.9	0.00	0.00	0.00
14,700.0	90.00	179.67	12,500.0	-2,436.4	-163.9	2,439.8	0.00	0.00	0.00
14,800.0	90.00	179.67	12,500.0	-2,536.4	-163.3	2,539.8	0.00	0.00	0.00
14,900.0	90.00	179.67	12,500.0	-2,636.4	-162.8	2,639.7	0.00	0.00	0.00
15,000.0	90.00	179.67	12,500.0	-2,736.4	-162.2	2,739.7	0.00	0.00	0.00
15,100.0	90.00	179.67	12,500.0	-2,836.4	-161.6	2,839.6	0.00	0.00	0.00
15,200.0	90.00	179.67	12,500.0	-2,936.4	-161.0	2,939.6	0.00	0.00	0.00
15,300.0	90.00	179.67	12,500.0	-3,036.4	-160.5	3,039.5	0.00	0.00	0.00
15,400.0	90.00	179.67	12,500.0	-3,136.4	-159.9	3,139.5	0.00	0.00	0.00
15,500.0	90.00	179.67	12,500.0	-3,236.4	-159.3	3,239.4	0.00	0.00	0.00
15,600.0	90.00	179.67	12,500.0	-3,336.4	-158.7	3,339.4	0.00	0.00	0.00
15,700.0	90.00	179.67	12,500.0	-3,436.4	-158.2	3,439.3	0.00	0.00	0.00
15,800.0	90.00	179.67	12,500.0	-3,536.4	-157.6	3,539.3	0.00	0.00	0.00
15,900.0	90.00	179.67	12,500.0	-3,636.4	-157.0	3,639.2	0.00	0.00	0.00
16,000.0	90.00	179.67	12,500.0	-3,736.4	-156.4	3,739.2	0.00	0.00	0.00
16,100.0	90.00	179.67	12,500.0	-3,836.3	-155.9	3,839.1	0.00	0.00	0.00
16,200.0	90.00	179.67	12,500.0	-3,936.3	-155.3	3,939.1	0.00	0.00	0.00
16,300.0	90.00	179.67	12,500.0	-4,036.3	-154.7	4,039.0	0.00	0.00	0.00
16,400.0	90.00	179.67	12,500.0	-4,136.3	-154.1	4,139.0	0.00	0.00	0.00
16,500.0	90.00	179.67	12,500.0	-4,236.3	-153.6	4,238.9	0.00	0.00	0.00
16,600.0	90.00	179.67	12,500.0	-4,336.3	-153.0	4,338.9	0.00	0.00	0.00
16,700.0	90.00	179.67	12,500.0	-4,436.3	-152.4	4,438.8	0.00	0.00	0.00
16,800.0	90.00	179.67	12,500.0	-4,536.3	-151.8	4,538.8	0.00	0.00	0.00
16,900.0	90.00	179.67	12,500.0	-4,636.3	-151.3	4,638.7	0.00	0.00	0.00
17,000.0	90.00	179.67	12,500.0	-4,736.3	-150.7	4,738.7	0.00	0.00	0.00
17,100.0	90.00	179.67	12,500.0	-4,836.3	-150.1	4,838.6	0.00	0.00	0.00
17,200.0	90.00	179.67	12,500.0	-4,936.3	-149.5	4,938.6	0.00	0.00	0.00
17,300.0	90.00	179.67	12,500.0	-5,036.3	-149.0	5,038.5	0.00	0.00	0.00
17,400.0	90.00	179.67	12,500.0	-5,136.3	-148.4	5,138.5	0.00	0.00	0.00
17,500.0	90.00	179.67	12,500.0	-5,236.3	-147.8	5,238.4	0.00	0.00	0.00
17,600.0	90.00	179.67	12,500.0	-5,336.3	-147.2	5,338.4	0.00	0.00	0.00
17,700.0	90.00	179.67	12,500.0	-5,436.3	-146.7	5,438.3	0.00	0.00	0.00
17,800.0	90.00	179.67	12,500.0	-5,536.3	-146.1	5,538.2	0.00	0.00	0.00
17,814.7	90.00	179.67	12,500.0	-5,551.0	-146.0	5,552.9	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: Hawk 26 Fed
Well: #707H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #707H
TVD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
MD Reference: WELL @ 3558.0usft (GL 3528' + 30' KB)
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
BHL - Hawk 26 Fed #7H - plan hits target center - Point	0.00	0.00	12,500.0	-5,551.0	-146.0	425,501.00	745,412.00	32° 10' 2.400 N	103° 32' 24.848 W
U Perf - Hawk 26 Fed #7 - plan hits target center - Point	0.00	0.01	12,500.0	-511.0	-175.0	430,541.00	745,383.00	32° 10' 52.275 N	103° 32' 24.753 W