



Lea County, NM (NAD 27 NME)

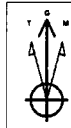
Mars 10 State Com #507H

Nomac 55

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



Azimuths to Grid North
True North: -0.41°
Magnetic North: 6.83°
Magnetic Field
Strength: 48222.2nT
Dip Angle: 60.11°
Date: 10/21/2014
Model: IGRF2010

To convert a Magnetic Direction to a Grid Direction, Add 6.83°
To convert a Magnetic Direction to a True Direction, Add 7.24° East
To convert a True Direction to a Grid Direction, Subtract 0.41°

WELL DETAILS: #507H

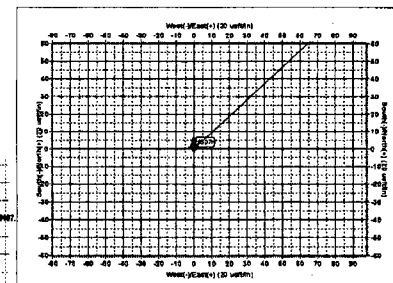
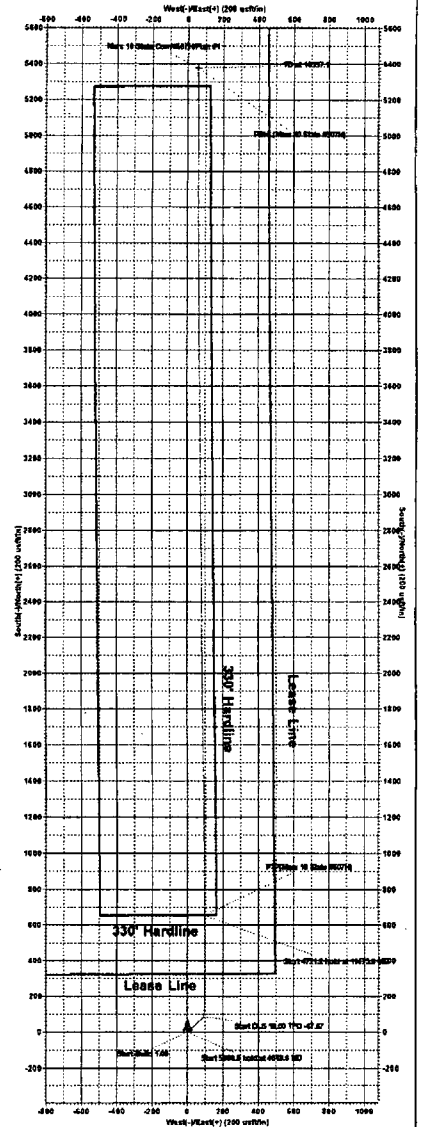
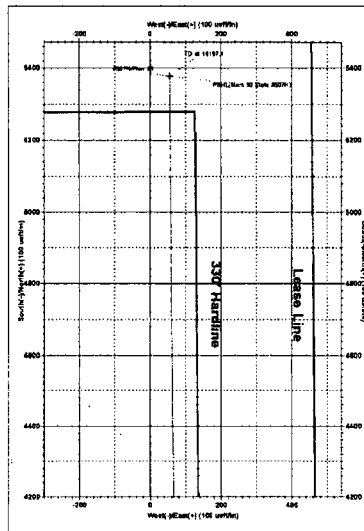
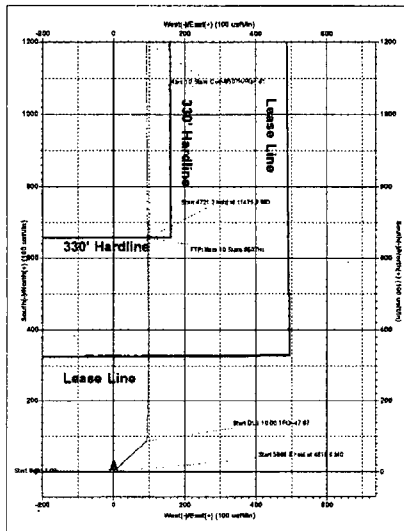
Ground Level: 3597.0
KB = 21 @ 3618 Dush (Nomac 55)
Northing: 451291.00
Easting: 738702.0032 14° 16' 08.8 N
Longitude: 103° 33' 40.762 W
Slot

SECTION DETAILS

Sec	MD	Inc	Az	TVD	+N-S	+E-W	Diag	Y-Face	V-Sect	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	4500.0	0.00	0.00	4500.0	0.0	0.0	0.00	0.00	0.0		
3	4619.6	1.20	47.17	4619.6	0.8	0.8	1.00	47.17	0.9		
4	10588.5	1.20	47.17	10588.2	85.6	82.3	0.00	0.00	86.6		FTM(Mars 10 State #507H)
5	11475.9	89.75	339.50	11180.0	896.0	98.0	10.00	-47.87	884.9		PBHL(Mars 10 State #507H)
6	15197.1	89.75	339.50	11170.6	5377.0	66.0	0.00	0.00	5377.0		

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
FTM(Mars 10 State #507H)	11160.0	896.0	98.0	451847.00	738785.00	Point
PBHL(Mars 10 State #507H)	11170.6	5377.0	66.0	456688.00	738767.00	Point



MAR 24 2015



EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Mars 10 State Com

#507H

OH

Plan: Plan #1

Standard Planning Report

18 March, 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: Mars 10 State Com
Well: #507H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #507H
TVD Reference: KB = 21 @ 3618.0usft (Nomac 55)
MD Reference: KB = 21 @ 3618.0usft (Nomac 55)
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	Mars 10 State Com			
Site Position:		Northing:	451,419.00 usft	Latitude: 32° 14' 19.322 N
From:	Map	Easting:	739,148.00 usft	Longitude: 103° 33' 35.549 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence: 0.41 °

Well	#507H			
Well Position	+N/-S	-128.0 usft	Northing: 451,291.00 usft	Latitude: 32° 14' 18.088 N
	+E/-W	-446.0 usft	Easting: 738,702.00 usft	Longitude: 103° 33' 40.752 W
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft	Ground Level: 3,597.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/21/2014	7.24	60.11	48,222

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	0.59

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	
4,619.6	1.20	47.17	4,619.6	0.8	0.9	1.00	1.00	0.00	47.17	
10,586.5	1.20	47.17	10,585.2	85.5	92.3	0.00	0.00	0.00	0.00	
11,475.9	89.75	359.50	11,150.0	656.0	96.0	10.00	9.96	-5.36	-47.67	FTP(Mars 10 State #1
16,197.1	89.75	359.50	11,170.6	5,377.0	55.0	0.00	0.00	0.00	0.00	PBHL(Mars 10 State 1



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MD Reference: KB = 21 @ 3618.0usft (Nomac 55)
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	47.17	4,600.0	0.6	0.6	0.6	1.00	1.00	0.00
4,619.6	1.20	47.17	4,619.6	0.8	0.9	0.9	1.00	1.00	0.00
4,700.0	1.20	47.17	4,700.0	2.0	2.1	2.0	0.00	0.00	0.00
4,800.0	1.20	47.17	4,800.0	3.4	3.7	3.4	0.00	0.00	0.00
4,900.0	1.20	47.17	4,899.9	4.8	5.2	4.9	0.00	0.00	0.00
5,000.0	1.20	47.17	4,999.9	6.2	6.7	6.3	0.00	0.00	0.00
5,100.0	1.20	47.17	5,099.9	7.7	8.3	7.8	0.00	0.00	0.00
5,200.0	1.20	47.17	5,199.9	9.1	9.8	9.2	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	1.20	47.17	5,299.8	10.5	11.3	10.6	0.00	0.00	0.00
5,400.0	1.20	47.17	5,399.8	11.9	12.9	12.1	0.00	0.00	0.00
5,500.0	1.20	47.17	5,499.8	13.3	14.4	13.5	0.00	0.00	0.00
5,600.0	1.20	47.17	5,599.8	14.8	15.9	14.9	0.00	0.00	0.00
5,700.0	1.20	47.17	5,699.8	16.2	17.5	16.4	0.00	0.00	0.00
5,800.0	1.20	47.17	5,799.7	17.6	19.0	17.8	0.00	0.00	0.00
5,900.0	1.20	47.17	5,899.7	19.0	20.5	19.2	0.00	0.00	0.00
6,000.0	1.20	47.17	5,999.7	20.4	22.1	20.7	0.00	0.00	0.00
6,100.0	1.20	47.17	6,099.7	21.9	23.6	22.1	0.00	0.00	0.00
6,200.0	1.20	47.17	6,199.6	23.3	25.1	23.5	0.00	0.00	0.00
6,300.0	1.20	47.17	6,299.6	24.7	26.6	25.0	0.00	0.00	0.00
6,400.0	1.20	47.17	6,399.6	26.1	28.2	26.4	0.00	0.00	0.00
6,500.0	1.20	47.17	6,499.6	27.5	29.7	27.8	0.00	0.00	0.00
6,600.0	1.20	47.17	6,599.6	29.0	31.2	29.3	0.00	0.00	0.00
6,700.0	1.20	47.17	6,699.5	30.4	32.8	30.7	0.00	0.00	0.00
6,800.0	1.20	47.17	6,799.5	31.8	34.3	32.1	0.00	0.00	0.00
6,900.0	1.20	47.17	6,899.5	33.2	35.8	33.6	0.00	0.00	0.00
7,000.0	1.20	47.17	6,999.5	34.6	37.4	35.0	0.00	0.00	0.00
7,100.0	1.20	47.17	7,099.5	36.1	38.9	36.5	0.00	0.00	0.00
7,200.0	1.20	47.17	7,199.4	37.5	40.4	37.9	0.00	0.00	0.00
7,300.0	1.20	47.17	7,299.4	38.9	42.0	39.3	0.00	0.00	0.00
7,400.0	1.20	47.17	7,399.4	40.3	43.5	40.8	0.00	0.00	0.00
7,500.0	1.20	47.17	7,499.4	41.7	45.0	42.2	0.00	0.00	0.00
7,600.0	1.20	47.17	7,599.3	43.2	46.5	43.6	0.00	0.00	0.00
7,700.0	1.20	47.17	7,699.3	44.6	48.1	45.1	0.00	0.00	0.00
7,800.0	1.20	47.17	7,799.3	46.0	49.6	46.5	0.00	0.00	0.00
7,900.0	1.20	47.17	7,899.3	47.4	51.1	47.9	0.00	0.00	0.00
8,000.0	1.20	47.17	7,999.3	48.8	52.7	49.4	0.00	0.00	0.00
8,100.0	1.20	47.17	8,099.2	50.3	54.2	50.8	0.00	0.00	0.00
8,200.0	1.20	47.17	8,199.2	51.7	55.7	52.2	0.00	0.00	0.00
8,300.0	1.20	47.17	8,299.2	53.1	57.3	53.7	0.00	0.00	0.00
8,400.0	1.20	47.17	8,399.2	54.5	58.8	55.1	0.00	0.00	0.00
8,500.0	1.20	47.17	8,499.1	55.9	60.3	56.5	0.00	0.00	0.00
8,600.0	1.20	47.17	8,599.1	57.3	61.9	58.0	0.00	0.00	0.00
8,700.0	1.20	47.17	8,699.1	58.8	63.4	59.4	0.00	0.00	0.00
8,800.0	1.20	47.17	8,799.1	60.2	64.9	60.8	0.00	0.00	0.00
8,900.0	1.20	47.17	8,899.1	61.6	66.5	62.3	0.00	0.00	0.00
9,000.0	1.20	47.17	8,999.0	63.0	68.0	63.7	0.00	0.00	0.00
9,100.0	1.20	47.17	9,099.0	64.4	69.5	65.2	0.00	0.00	0.00
9,200.0	1.20	47.17	9,199.0	65.9	71.0	66.6	0.00	0.00	0.00
9,300.0	1.20	47.17	9,299.0	67.3	72.6	68.0	0.00	0.00	0.00
9,400.0	1.20	47.17	9,398.9	68.7	74.1	69.5	0.00	0.00	0.00
9,500.0	1.20	47.17	9,498.9	70.1	75.6	70.9	0.00	0.00	0.00
9,600.0	1.20	47.17	9,598.9	71.5	77.2	72.3	0.00	0.00	0.00
9,700.0	1.20	47.17	9,698.9	73.0	78.7	73.8	0.00	0.00	0.00
9,800.0	1.20	47.17	9,798.9	74.4	80.2	75.2	0.00	0.00	0.00
9,900.0	1.20	47.17	9,898.8	75.8	81.8	76.6	0.00	0.00	0.00
10,000.0	1.20	47.17	9,998.8	77.2	83.3	78.1	0.00	0.00	0.00
10,100.0	1.20	47.17	10,098.8	78.6	84.8	79.5	0.00	0.00	0.00
10,200.0	1.20	47.17	10,198.8	80.1	86.4	80.9	0.00	0.00	0.00
10,300.0	1.20	47.17	10,298.8	81.5	87.9	82.4	0.00	0.00	0.00
10,400.0	1.20	47.17	10,398.7	82.9	89.4	83.8	0.00	0.00	0.00
10,500.0	1.20	47.17	10,498.7	84.3	90.9	85.2	0.00	0.00	0.00
10,586.5	1.20	47.17	10,585.2	85.5	92.3	86.5	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)
10,600.0	2.33	21.78	10,598.7	85.9	92.5	86.8	10.00	8.40	-187.79
10,650.0	7.21	6.51	10,648.5	90.0	93.2	90.9	10.00	9.78	-30.54
10,700.0	12.19	3.60	10,697.8	98.4	93.9	99.3	10.00	9.95	-5.82
10,750.0	17.18	2.36	10,746.1	111.0	94.5	112.0	10.00	9.98	-2.47
10,800.0	22.17	1.67	10,793.2	127.8	95.1	128.8	10.00	9.99	-1.38
10,850.0	27.17	1.22	10,838.6	148.7	95.8	149.7	10.00	9.99	-0.89
10,900.0	32.17	0.91	10,882.0	173.4	96.1	174.4	10.00	10.00	-0.63
10,950.0	37.17	0.67	10,923.1	201.9	96.5	202.8	10.00	10.00	-0.48
11,000.0	42.17	0.48	10,961.6	233.8	96.8	234.7	10.00	10.00	-0.38
11,050.0	47.16	0.32	10,997.2	268.9	97.0	269.9	10.00	10.00	-0.31
11,100.0	52.16	0.19	11,029.5	307.0	97.2	308.0	10.00	10.00	-0.27
11,150.0	57.16	0.07	11,058.4	347.8	97.3	348.7	10.00	10.00	-0.23
11,200.0	62.16	359.97	11,083.7	390.9	97.3	391.9	10.00	10.00	-0.21
11,250.0	67.16	359.87	11,105.1	436.1	97.2	437.1	10.00	10.00	-0.19
11,300.0	72.16	359.78	11,122.5	482.9	97.1	483.9	10.00	10.00	-0.18
11,350.0	77.16	359.70	11,135.7	531.2	96.9	532.1	10.00	10.00	-0.17
11,400.0	82.16	359.62	11,144.6	580.3	96.6	581.3	10.00	10.00	-0.16
11,450.0	87.16	359.54	11,149.3	630.1	96.2	631.0	10.00	10.00	-0.16
11,475.9	89.75	359.50	11,150.0	656.0	96.0	656.9	10.00	10.00	-0.15
FTP(Mars 10 State #507H)									
11,500.0	89.75	359.50	11,150.1	680.1	95.8	681.0	0.00	0.00	0.00
11,600.0	89.75	359.50	11,150.5	780.1	94.9	781.0	0.00	0.00	0.00
11,700.0	89.75	359.50	11,151.0	880.1	94.1	881.0	0.00	0.00	0.00
11,800.0	89.75	359.50	11,151.4	980.1	93.2	981.0	0.00	0.00	0.00
11,900.0	89.75	359.50	11,151.9	1,080.1	92.3	1,080.9	0.00	0.00	0.00
12,000.0	89.75	359.50	11,152.3	1,180.1	91.4	1,180.9	0.00	0.00	0.00
12,100.0	89.75	359.50	11,152.7	1,280.0	90.6	1,280.9	0.00	0.00	0.00
12,200.0	89.75	359.50	11,153.2	1,380.0	89.7	1,380.9	0.00	0.00	0.00
12,300.0	89.75	359.50	11,153.6	1,480.0	88.8	1,480.9	0.00	0.00	0.00
12,400.0	89.75	359.50	11,154.0	1,580.0	88.0	1,580.8	0.00	0.00	0.00
12,500.0	89.75	359.50	11,154.5	1,680.0	87.1	1,680.8	0.00	0.00	0.00
12,600.0	89.75	359.50	11,154.9	1,780.0	86.2	1,780.8	0.00	0.00	0.00
12,700.0	89.75	359.50	11,155.3	1,880.0	85.4	1,880.8	0.00	0.00	0.00
12,800.0	89.75	359.50	11,155.8	1,980.0	84.5	1,980.8	0.00	0.00	0.00
12,900.0	89.75	359.50	11,156.2	2,080.0	83.6	2,080.8	0.00	0.00	0.00
13,000.0	89.75	359.50	11,156.6	2,180.0	82.8	2,180.7	0.00	0.00	0.00
13,100.0	89.75	359.50	11,157.1	2,280.0	81.9	2,280.7	0.00	0.00	0.00
13,200.0	89.75	359.50	11,157.5	2,380.0	81.0	2,380.7	0.00	0.00	0.00
13,300.0	89.75	359.50	11,158.0	2,480.0	80.2	2,480.7	0.00	0.00	0.00
13,400.0	89.75	359.50	11,158.4	2,580.0	79.3	2,580.7	0.00	0.00	0.00
13,500.0	89.75	359.50	11,158.8	2,680.0	78.4	2,680.6	0.00	0.00	0.00
13,600.0	89.75	359.50	11,159.3	2,780.0	77.6	2,780.6	0.00	0.00	0.00
13,700.0	89.75	359.50	11,159.7	2,880.0	76.7	2,880.6	0.00	0.00	0.00
13,800.0	89.75	359.50	11,160.1	2,980.0	75.8	2,980.6	0.00	0.00	0.00
13,900.0	89.75	359.50	11,160.6	3,080.0	74.9	3,080.6	0.00	0.00	0.00
14,000.0	89.75	359.50	11,161.0	3,180.0	74.1	3,180.5	0.00	0.00	0.00
14,100.0	89.75	359.50	11,161.4	3,280.0	73.2	3,280.5	0.00	0.00	0.00
14,200.0	89.75	359.50	11,161.9	3,379.9	72.3	3,380.5	0.00	0.00	0.00
14,300.0	89.75	359.50	11,162.3	3,479.9	71.5	3,480.5	0.00	0.00	0.00
14,400.0	89.75	359.50	11,162.8	3,579.9	70.6	3,580.5	0.00	0.00	0.00
14,500.0	89.75	359.50	11,163.2	3,679.9	69.7	3,680.5	0.00	0.00	0.00
14,600.0	89.75	359.50	11,163.6	3,779.9	68.9	3,780.4	0.00	0.00	0.00
14,700.0	89.75	359.50	11,164.1	3,879.9	68.0	3,880.4	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: Mars 10 State Corn
Well: #507H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference: Well #507H
TVD Reference: KB = 21 @ 3618.0usft (Nomac 55)
MD Reference: KB = 21 @ 3618.0usft (Nomac 55)
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)
14,800.0	89.75	359.50	11,164.5	3,979.9	67.1	3,980.4	0.00	0.00	0.00
14,900.0	89.75	359.50	11,164.9	4,079.9	66.3	4,080.4	0.00	0.00	0.00
15,000.0	89.75	359.50	11,165.4	4,179.9	65.4	4,180.4	0.00	0.00	0.00
15,100.0	89.75	359.50	11,165.8	4,279.9	64.5	4,280.3	0.00	0.00	0.00
15,200.0	89.75	359.50	11,166.2	4,379.9	63.7	4,380.3	0.00	0.00	0.00
15,300.0	89.75	359.50	11,166.7	4,479.9	62.8	4,480.3	0.00	0.00	0.00
15,400.0	89.75	359.50	11,167.1	4,579.9	61.9	4,580.3	0.00	0.00	0.00
15,500.0	89.75	359.50	11,167.6	4,679.9	61.1	4,680.3	0.00	0.00	0.00
15,600.0	89.75	359.50	11,168.0	4,779.9	60.2	4,780.2	0.00	0.00	0.00
15,700.0	89.75	359.50	11,168.4	4,879.9	59.3	4,880.2	0.00	0.00	0.00
15,800.0	89.75	359.50	11,168.9	4,979.9	58.4	4,980.2	0.00	0.00	0.00
15,900.0	89.75	359.50	11,169.3	5,079.9	57.6	5,080.2	0.00	0.00	0.00
16,000.0	89.75	359.50	11,169.7	5,179.9	56.7	5,180.2	0.00	0.00	0.00
16,100.0	89.75	359.50	11,170.2	5,279.9	55.8	5,280.2	0.00	0.00	0.00
16,197.1	89.75	359.50	11,170.6	5,377.0	55.0	5,377.3	0.00	0.00	0.00

PBHL(Mars 10 State #507H)

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
FTP(Mars 10 State #507)	0.00	0.00	11,150.0	656.0	96.0	451,947.00	738,798.00	32° 14' 24.572 N	103° 33' 39.579 W
- hit/miss target									
- plan hits target center									
- Point									
PBHL(Mars 10 State #507H)	0.00	0.00	11,170.6	5,377.0	55.0	456,668.00	738,757.00	32° 15' 11.291 N	103° 33' 39.661 W
- plan hits target center									
- Point									