

25 - 43645



Lea County, NM (NAD 27 NME)

Wicked 17 State Com #301H

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: #301H

Ground Level: 3401.0
KB + 25' @ 3428.5usft
Northing: 478161.00
Easting: 794014.00
Latitude: 32° 18' 39.574 N
Longitude: 103° 22' 34.039 W



Azimuths to Grid North
True North: -0.51°
Magnetic North: 6.39°
Magnetic Field
Strength: 48038.5nT
Dip Angle: 60.18°
Date: 3/7/2017
Model: IGRF2015

To convert a Magnetic Direction to a Grid Direction, Add 0.50°
To convert a Magnetic Direction to a True Direction, Add 6.90° East
To convert a True Direction to a Grid Direction, Subtract 0.91°

SECTION DETAILS

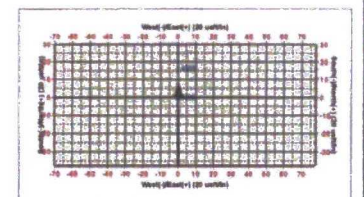
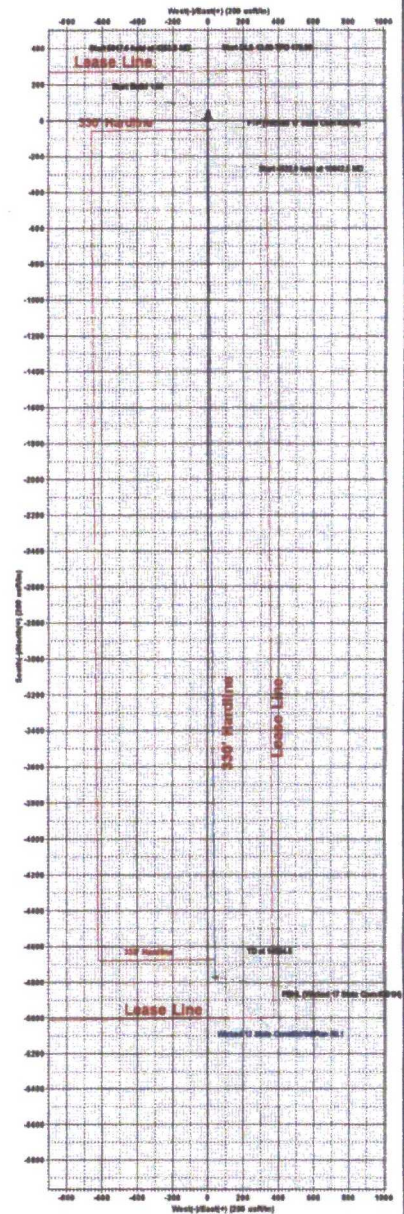
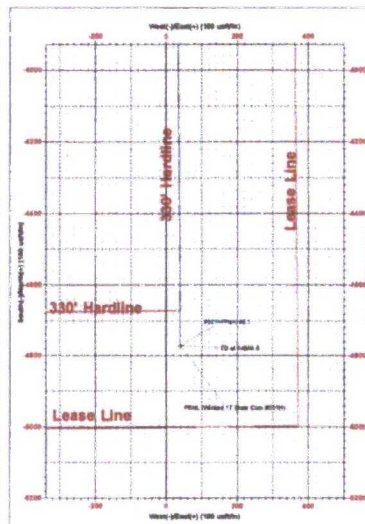
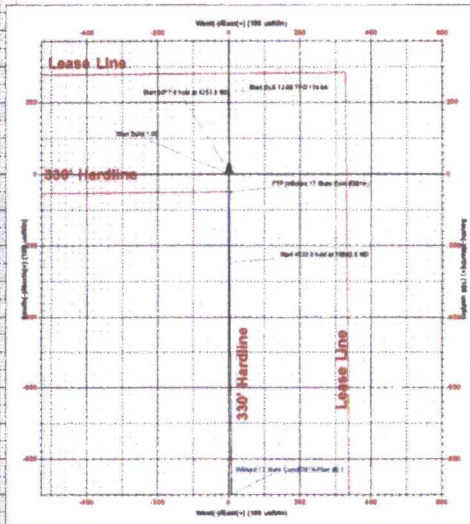
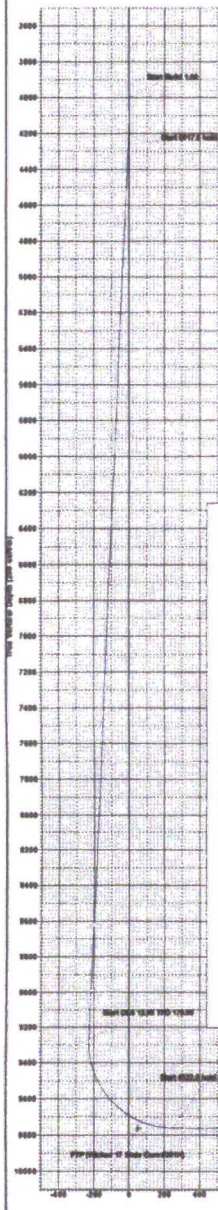
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Diag	TFace	VFace	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	4000.0	0.00	0.00	4000.0	0.0	0.0	0.00	0.00	0.0		
3	4305.0	2.84	389.83	4305.7	0.0	0.0	1.00	269.83	-6.8		
4	9271.4	2.84	389.83	9271.4	227.5	-1.9	0.00	0.00	-227.5		
5	10942.5	90.00	179.82	9765.0	-349.2	2.1	12.00	179.89	349.2		
6	14864.6	90.00	179.82	9765.0	-4771.0	40.0	0.00	0.00	4771.2		PRHL (Wicked 17 State Com #301H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
PRHL (Wicked 17 State Com #301H)	9765.0	-4771.0	40.0	478111.00	794054.00
FTP (Wicked 17 State Com #301H)					





EOG Resources - Midland

Lea County, NM (NAD 27 NME)

Wicked 17 State Com

#301H

OH

Plan: Plan #0.1

Standard Planning Report

07 March, 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: Wicked 17 State Com
Well: #301H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #301H
TVD Reference: KB = 25' @ 3426.0usft
MD Reference: KB = 25' @ 3426.0usft
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	Wicked 17 State Com		
Site Position:		Northing:	478,161.00 usft
From:	Map	Easting:	794,014.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 18' 39.574 N
		Longitude:	103° 22' 54.039 W
		Grid Convergence:	0.51 °

Well	#301H		
Well Position	+N/-S	0.0 usft	Northing: 478,161.00 usft
	+E/-W	0.0 usft	Easting: 794,014.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 18' 39.574 N
		Longitude:	103° 22' 54.039 W
		Ground Level:	3,401.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	3/7/2017	6.90
			Dip Angle
			60.18
			Field Strength
			48,039

Design	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			179.52

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	
4,253.8	2.54	359.53	4,253.7	5.6	0.0	1.00	1.00	0.00	359.53	
9,271.4	2.54	359.53	9,266.4	227.8	-1.9	0.00	0.00	0.00	0.00	
10,042.5	90.00	179.52	9,765.0	-249.2	2.1	12.00	11.34	23.34	179.99	
14,564.5	90.00	179.52	9,765.0	-4,771.0	40.0	0.00	0.00	0.00	0.00	PBHL (Wicked 17 Sta



EOG Resources, Inc.

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Project: Lea County, NM (NAD 27 NME)
Site: Wicked 17 State Com
Well: #301H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference:
TVD Reference: KB = 25' @ 3426.0usft
MD Reference: KB = 25' @ 3426.0usft
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	359.53	4,100.0	0.9	0.0	-0.9	1.00	1.00	0.00
4,200.0	2.00	359.53	4,200.0	3.5	0.0	-3.5	1.00	1.00	0.00
4,253.8	2.54	359.53	4,253.7	5.6	0.0	-5.6	1.00	1.00	0.00
4,300.0	2.54	359.53	4,299.9	7.7	-0.1	-7.7	0.00	0.00	0.00
4,400.0	2.54	359.53	4,399.8	12.1	-0.1	-12.1	0.00	0.00	0.00
4,500.0	2.54	359.53	4,499.7	16.5	-0.1	-16.5	0.00	0.00	0.00
4,600.0	2.54	359.53	4,599.6	21.0	-0.2	-21.0	0.00	0.00	0.00
4,700.0	2.54	359.53	4,699.5	25.4	-0.2	-25.4	0.00	0.00	0.00
4,800.0	2.54	359.53	4,799.4	29.8	-0.2	-29.8	0.00	0.00	0.00
4,900.0	2.54	359.53	4,899.3	34.2	-0.3	-34.2	0.00	0.00	0.00
5,000.0	2.54	359.53	4,999.2	38.7	-0.3	-38.7	0.00	0.00	0.00
5,100.0	2.54	359.53	5,099.1	43.1	-0.4	-43.1	0.00	0.00	0.00
5,200.0	2.54	359.53	5,199.0	47.5	-0.4	-47.5	0.00	0.00	0.00



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Planning Report

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 Site: Wicked 17 State Com
 Well: #301H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #301H
 TVD Reference: KB = 25' @ 3426.0usft
 MD Reference: KB = 25' @ 3426.0usft
 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)
5,300.0	2.54	359.53	5,298.9	52.0	-0.4	-52.0	0.00	0.00	0.00
5,400.0	2.54	359.53	5,398.8	56.4	-0.5	-56.4	0.00	0.00	0.00
5,500.0	2.54	359.53	5,498.7	60.8	-0.5	-60.8	0.00	0.00	0.00
5,600.0	2.54	359.53	5,598.6	65.2	-0.5	-65.2	0.00	0.00	0.00
5,700.0	2.54	359.53	5,698.5	69.7	-0.6	-69.7	0.00	0.00	0.00
5,800.0	2.54	359.53	5,798.4	74.1	-0.6	-74.1	0.00	0.00	0.00
5,900.0	2.54	359.53	5,898.3	78.5	-0.6	-78.5	0.00	0.00	0.00
6,000.0	2.54	359.53	5,998.2	82.9	-0.7	-83.0	0.00	0.00	0.00
6,100.0	2.54	359.53	6,098.1	87.4	-0.7	-87.4	0.00	0.00	0.00
6,200.0	2.54	359.53	6,198.0	91.8	-0.8	-91.8	0.00	0.00	0.00
6,300.0	2.54	359.53	6,297.9	96.2	-0.8	-96.2	0.00	0.00	0.00
6,400.0	2.54	359.53	6,397.8	100.7	-0.8	-100.7	0.00	0.00	0.00
6,500.0	2.54	359.53	6,497.7	105.1	-0.9	-105.1	0.00	0.00	0.00
6,600.0	2.54	359.53	6,597.6	109.5	-0.9	-109.5	0.00	0.00	0.00
6,700.0	2.54	359.53	6,697.5	113.9	-0.9	-114.0	0.00	0.00	0.00
6,800.0	2.54	359.53	6,797.4	118.4	-1.0	-118.4	0.00	0.00	0.00
6,900.0	2.54	359.53	6,897.3	122.8	-1.0	-122.8	0.00	0.00	0.00
7,000.0	2.54	359.53	6,997.2	127.2	-1.1	-127.2	0.00	0.00	0.00
7,100.0	2.54	359.53	7,097.1	131.7	-1.1	-131.7	0.00	0.00	0.00
7,200.0	2.54	359.53	7,197.0	136.1	-1.1	-136.1	0.00	0.00	0.00
7,300.0	2.54	359.53	7,296.9	140.5	-1.2	-140.5	0.00	0.00	0.00
7,400.0	2.54	359.53	7,396.8	144.9	-1.2	-145.0	0.00	0.00	0.00
7,500.0	2.54	359.53	7,496.7	149.4	-1.2	-149.4	0.00	0.00	0.00
7,600.0	2.54	359.53	7,596.6	153.8	-1.3	-153.8	0.00	0.00	0.00
7,700.0	2.54	359.53	7,696.5	158.2	-1.3	-158.2	0.00	0.00	0.00
7,800.0	2.54	359.53	7,796.4	162.7	-1.3	-162.7	0.00	0.00	0.00
7,900.0	2.54	359.53	7,896.3	167.1	-1.4	-167.1	0.00	0.00	0.00
8,000.0	2.54	359.53	7,996.2	171.5	-1.4	-171.5	0.00	0.00	0.00
8,100.0	2.54	359.53	8,096.1	175.9	-1.5	-176.0	0.00	0.00	0.00
8,200.0	2.54	359.53	8,196.0	180.4	-1.5	-180.4	0.00	0.00	0.00
8,300.0	2.54	359.53	8,295.9	184.8	-1.5	-184.8	0.00	0.00	0.00
8,400.0	2.54	359.53	8,395.8	189.2	-1.6	-189.2	0.00	0.00	0.00
8,500.0	2.54	359.53	8,495.7	193.7	-1.6	-193.7	0.00	0.00	0.00
8,600.0	2.54	359.53	8,595.6	198.1	-1.6	-198.1	0.00	0.00	0.00
8,700.0	2.54	359.53	8,695.5	202.5	-1.7	-202.5	0.00	0.00	0.00
8,800.0	2.54	359.53	8,795.4	206.9	-1.7	-207.0	0.00	0.00	0.00
8,900.0	2.54	359.53	8,895.3	211.4	-1.7	-211.4	0.00	0.00	0.00
9,000.0	2.54	359.53	8,995.2	215.8	-1.8	-215.8	0.00	0.00	0.00
9,100.0	2.54	359.53	9,095.1	220.2	-1.8	-220.2	0.00	0.00	0.00
9,200.0	2.54	359.53	9,195.0	224.7	-1.9	-224.7	0.00	0.00	0.00
9,271.4	2.54	359.53	9,266.4	227.8	-1.9	-227.8	0.00	0.00	0.00
9,275.0	2.11	359.53	9,270.0	228.0	-1.9	-228.0	12.00	-12.00	0.04
9,300.0	0.89	179.50	9,295.0	228.2	-1.9	-228.2	12.00	-4.85	719.89
9,325.0	3.89	179.52	9,320.0	227.2	-1.9	-227.2	12.00	12.00	0.06
9,350.0	6.89	179.52	9,344.8	224.8	-1.9	-224.8	12.00	12.00	0.01
9,375.0	9.89	179.52	9,369.6	221.2	-1.8	-221.2	12.00	12.00	0.00
9,400.0	12.89	179.52	9,394.1	216.2	-1.8	-216.3	12.00	12.00	0.00
9,425.0	15.89	179.52	9,418.3	210.0	-1.7	-210.0	12.00	12.00	0.00
9,450.0	18.89	179.52	9,442.1	202.6	-1.7	-202.6	12.00	12.00	0.00
9,475.0	21.89	179.52	9,465.6	193.9	-1.6	-193.9	12.00	12.00	0.00
9,500.0	24.89	179.52	9,488.5	183.9	-1.5	-183.9	12.00	12.00	0.00
9,525.0	27.89	179.52	9,510.9	172.8	-1.4	-172.8	12.00	12.00	0.00
9,550.0	30.89	179.52	9,532.7	160.5	-1.3	-160.6	12.00	12.00	0.00
9,575.0	33.89	179.52	9,553.8	147.2	-1.2	-147.2	12.00	12.00	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)
9,600.0	36.89	179.52	9,574.2	132.7	-1.1	-132.7	12.00	12.00	0.00
9,625.0	39.89	179.52	9,593.8	117.2	-1.0	-117.2	12.00	12.00	0.00
9,650.0	42.89	179.52	9,612.5	100.6	-0.8	-100.6	12.00	12.00	0.00
9,675.0	45.89	179.52	9,630.4	83.1	-0.7	-83.1	12.00	12.00	0.00
9,700.0	48.89	179.52	9,647.3	64.7	-0.5	-64.7	12.00	12.00	0.00
9,725.0	51.89	179.52	9,663.2	45.5	-0.4	-45.5	12.00	12.00	0.00
9,750.0	54.89	179.52	9,678.1	25.4	-0.2	-25.4	12.00	12.00	0.00
9,775.0	57.89	179.52	9,692.0	4.6	0.0	-4.6	12.00	12.00	0.00
9,800.0	60.89	179.52	9,704.7	-16.9	0.2	16.9	12.00	12.00	0.00
9,825.0	63.89	179.52	9,716.3	-39.1	0.4	39.1	12.00	12.00	0.00
9,850.0	66.89	179.52	9,726.7	-61.8	0.5	61.8	12.00	12.00	0.00
9,875.0	69.89	179.52	9,735.9	-85.0	0.7	85.0	12.00	12.00	0.00
9,900.0	72.89	179.52	9,743.9	-108.7	0.9	108.7	12.00	12.00	0.00
9,925.0	75.89	179.52	9,750.6	-132.8	1.1	132.8	12.00	12.00	0.00
9,950.0	78.89	179.52	9,756.1	-157.2	1.3	157.2	12.00	12.00	0.00
9,975.0	81.89	179.52	9,760.2	-181.8	1.6	181.8	12.00	12.00	0.00
10,000.0	84.89	179.52	9,763.1	-206.7	1.8	206.7	12.00	12.00	0.00
10,025.0	87.89	179.52	9,764.7	-231.6	2.0	231.6	12.00	12.00	0.00
10,042.5	90.00	179.52	9,765.0	-249.2	2.1	249.2	12.00	12.00	0.00
10,100.0	90.00	179.52	9,765.0	-306.6	2.6	306.6	0.00	0.00	0.00
10,200.0	90.00	179.52	9,765.0	-406.6	3.4	406.6	0.00	0.00	0.00
10,300.0	90.00	179.52	9,765.0	-506.6	4.3	506.6	0.00	0.00	0.00
10,400.0	90.00	179.52	9,765.0	-606.6	5.1	606.6	0.00	0.00	0.00
10,500.0	90.00	179.52	9,765.0	-706.6	5.9	706.6	0.00	0.00	0.00
10,600.0	90.00	179.52	9,765.0	-806.6	6.8	806.6	0.00	0.00	0.00
10,700.0	90.00	179.52	9,765.0	-906.6	7.6	906.6	0.00	0.00	0.00
10,800.0	90.00	179.52	9,765.0	-1,006.6	8.5	1,006.6	0.00	0.00	0.00
10,900.0	90.00	179.52	9,765.0	-1,106.6	9.3	1,106.6	0.00	0.00	0.00
11,000.0	90.00	179.52	9,765.0	-1,206.6	10.1	1,206.6	0.00	0.00	0.00
11,100.0	90.00	179.52	9,765.0	-1,306.6	11.0	1,306.6	0.00	0.00	0.00
11,200.0	90.00	179.52	9,765.0	-1,406.6	11.8	1,406.6	0.00	0.00	0.00
11,300.0	90.00	179.52	9,765.0	-1,506.6	12.7	1,506.6	0.00	0.00	0.00
11,400.0	90.00	179.52	9,765.0	-1,606.6	13.5	1,606.6	0.00	0.00	0.00
11,500.0	90.00	179.52	9,765.0	-1,706.6	14.3	1,706.6	0.00	0.00	0.00
11,600.0	90.00	179.52	9,765.0	-1,806.6	15.2	1,806.6	0.00	0.00	0.00
11,700.0	90.00	179.52	9,765.0	-1,906.6	16.0	1,906.6	0.00	0.00	0.00
11,800.0	90.00	179.52	9,765.0	-2,006.5	16.8	2,006.6	0.00	0.00	0.00
11,900.0	90.00	179.52	9,765.0	-2,106.5	17.7	2,106.6	0.00	0.00	0.00
12,000.0	90.00	179.52	9,765.0	-2,206.5	18.5	2,206.6	0.00	0.00	0.00
12,100.0	90.00	179.52	9,765.0	-2,306.5	19.4	2,306.6	0.00	0.00	0.00
12,200.0	90.00	179.52	9,765.0	-2,406.5	20.2	2,406.6	0.00	0.00	0.00
12,300.0	90.00	179.52	9,765.0	-2,506.5	21.0	2,506.6	0.00	0.00	0.00
12,400.0	90.00	179.52	9,765.0	-2,606.5	21.9	2,606.6	0.00	0.00	0.00
12,500.0	90.00	179.52	9,765.0	-2,706.5	22.7	2,706.6	0.00	0.00	0.00
12,600.0	90.00	179.52	9,765.0	-2,806.5	23.5	2,806.6	0.00	0.00	0.00
12,700.0	90.00	179.52	9,765.0	-2,906.5	24.4	2,906.6	0.00	0.00	0.00
12,800.0	90.00	179.52	9,765.0	-3,006.5	25.2	3,006.6	0.00	0.00	0.00
12,900.0	90.00	179.52	9,765.0	-3,106.5	26.1	3,106.6	0.00	0.00	0.00
13,000.0	90.00	179.52	9,765.0	-3,206.5	26.9	3,206.6	0.00	0.00	0.00
13,100.0	90.00	179.52	9,765.0	-3,306.5	27.7	3,306.6	0.00	0.00	0.00
13,200.0	90.00	179.52	9,765.0	-3,406.5	28.6	3,406.6	0.00	0.00	0.00
13,300.0	90.00	179.52	9,765.0	-3,506.5	29.4	3,506.6	0.00	0.00	0.00
13,400.0	90.00	179.52	9,765.0	-3,606.5	30.2	3,606.6	0.00	0.00	0.00
13,500.0	90.00	179.52	9,765.0	-3,706.5	31.1	3,706.6	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: Wicked 17 State Com
Well: #301H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #301H
TVD Reference: KB = 25' @ 3426.0usft
MD Reference: KB = 25' @ 3426.0usft
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)
13,600.0	90.00	179.52	9,765.0	-3,806.5	31.9	3,806.6	0.00	0.00	0.00
13,700.0	90.00	179.52	9,765.0	-3,906.5	32.8	3,906.6	0.00	0.00	0.00
13,800.0	90.00	179.52	9,765.0	-4,006.5	33.6	4,006.6	0.00	0.00	0.00
13,900.0	90.00	179.52	9,765.0	-4,106.5	34.4	4,106.6	0.00	0.00	0.00
14,000.0	90.00	179.52	9,765.0	-4,206.5	35.3	4,206.6	0.00	0.00	0.00
14,100.0	90.00	179.52	9,765.0	-4,306.5	36.1	4,306.6	0.00	0.00	0.00
14,200.0	90.00	179.52	9,765.0	-4,406.5	36.9	4,406.6	0.00	0.00	0.00
14,300.0	90.00	179.52	9,765.0	-4,506.5	37.8	4,506.6	0.00	0.00	0.00
14,400.0	90.00	179.52	9,765.0	-4,606.5	38.6	4,606.6	0.00	0.00	0.00
14,500.0	90.00	179.52	9,765.0	-4,706.5	39.5	4,706.6	0.00	0.00	0.00
14,564.5	90.00	179.52	9,765.0	-4,771.0	40.0	4,771.2	0.00	0.00	0.00

Design Targets

Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
PBHL (Wicked 17 State - hit/miss target - Shape - Point	0.00	0.00	9,765.0	-4,771.0	40.0	473,390.00	794,054.00	32° 17' 52.362 N	103° 22' 54.067 W
FTP (Wicked 17 State C - plan misses target center by 39.9usft at 9853.1usft MD (9727.9 TVD, -64.7 N, 0.6 E) - Point	0.00	0.00	9,765.0	-50.0	0.0	478,111.00	794,014.00	32° 18' 39.080 N	103° 22' 54.045 W