



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Python 36 State Com

#506H

OH

Plan: Plan #0.1

Standard Planning Report

26 November, 2019

Database:	EDM	Local Co-ordinate Reference:	Well #506H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3564.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3564.0usft
Site:	Python 36 State Com	North Reference:	Grid
Well:	#506H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Project	Lea County, NM (NAD 83 NME)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Python 36 State Com				
Site Position:		Northing:	425,448.00 usft	Latitude:	32° 10' 3.739 N
From:	Map	Easting:	757,528.00 usft	Longitude:	103° 38' 4.742 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.37 °

Well	#506H					
Well Position	+N/-S	-34.0 usft	Northing:	425,414.00 usft	Latitude:	32° 10' 3.221 N
	+E/-W	2,806.0 usft	Easting:	760,334.00 usft	Longitude:	103° 37' 32.101 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,539.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/26/2019	6.71	59.97	47,647.07677911

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	1.09

Plan Survey Tool Program	Date 11/26/2019			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	15,710.8 Plan #0.1 (OH)	MWD	
			OWSG MWD - Standard	

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	
1,200.0	0.00	0.00	1,200.0	0.0	0.0	0.00	0.00	0.00	0.00	
1,311.0	2.22	146.44	1,311.0	-1.8	1.2	2.00	2.00	0.00	146.44	
7,365.6	2.22	146.44	7,361.0	-197.2	130.8	0.00	0.00	0.00	0.00	
7,476.6	0.00	0.00	7,472.0	-199.0	132.0	2.00	-2.00	0.00	180.00	
10,309.1	0.00	0.00	10,304.5	-199.0	132.0	0.00	0.00	0.00	0.00	KOP (Python 36 State
11,059.1	90.00	359.58	10,782.0	278.4	128.5	12.00	12.00	-0.06	359.58	
15,710.8	90.00	359.58	10,782.0	4,930.0	94.0	0.00	0.00	0.00	0.00	PBHL (Python 36 Stal



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 Site: Python 36 State Com
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 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #506H
 TVD Reference: KB = 25 @ 3564.0usft
 MD Reference: KB = 25 @ 3564.0usft
 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	2.00	146.44	1,300.0	-1.5	1.0	-1.4	2.00	2.00	0.00
1,311.0	2.22	146.44	1,311.0	-1.8	1.2	-1.8	2.00	2.00	0.00
1,400.0	2.22	146.44	1,399.9	-4.7	3.1	-4.6	0.00	0.00	0.00
1,500.0	2.22	146.44	1,499.8	-7.9	5.2	-7.8	0.00	0.00	0.00
1,600.0	2.22	146.44	1,599.8	-11.1	7.4	-11.0	0.00	0.00	0.00
1,700.0	2.22	146.44	1,699.7	-14.3	9.5	-14.2	0.00	0.00	0.00
1,800.0	2.22	146.44	1,799.6	-17.6	11.7	-17.3	0.00	0.00	0.00
1,900.0	2.22	146.44	1,899.5	-20.8	13.8	-20.5	0.00	0.00	0.00
2,000.0	2.22	146.44	1,999.5	-24.0	15.9	-23.7	0.00	0.00	0.00
2,100.0	2.22	146.44	2,099.4	-27.3	18.1	-26.9	0.00	0.00	0.00
2,200.0	2.22	146.44	2,199.3	-30.5	20.2	-30.1	0.00	0.00	0.00
2,300.0	2.22	146.44	2,299.2	-33.7	22.4	-33.3	0.00	0.00	0.00
2,400.0	2.22	146.44	2,399.2	-36.9	24.5	-36.5	0.00	0.00	0.00
2,500.0	2.22	146.44	2,499.1	-40.2	26.6	-39.7	0.00	0.00	0.00
2,600.0	2.22	146.44	2,599.0	-43.4	28.8	-42.8	0.00	0.00	0.00
2,700.0	2.22	146.44	2,698.9	-46.6	30.9	-46.0	0.00	0.00	0.00
2,800.0	2.22	146.44	2,798.9	-49.9	33.1	-49.2	0.00	0.00	0.00
2,900.0	2.22	146.44	2,898.8	-53.1	35.2	-52.4	0.00	0.00	0.00
3,000.0	2.22	146.44	2,998.7	-56.3	37.3	-55.6	0.00	0.00	0.00
3,100.0	2.22	146.44	3,098.6	-59.5	39.5	-58.8	0.00	0.00	0.00
3,200.0	2.22	146.44	3,198.6	-62.8	41.6	-62.0	0.00	0.00	0.00
3,300.0	2.22	146.44	3,298.5	-66.0	43.8	-65.1	0.00	0.00	0.00
3,400.0	2.22	146.44	3,398.4	-69.2	45.9	-68.3	0.00	0.00	0.00
3,500.0	2.22	146.44	3,498.3	-72.4	48.1	-71.5	0.00	0.00	0.00
3,600.0	2.22	146.44	3,598.3	-75.7	50.2	-74.7	0.00	0.00	0.00
3,700.0	2.22	146.44	3,698.2	-78.9	52.3	-77.9	0.00	0.00	0.00
3,800.0	2.22	146.44	3,798.1	-82.1	54.5	-81.1	0.00	0.00	0.00
3,900.0	2.22	146.44	3,898.0	-85.4	56.6	-84.3	0.00	0.00	0.00
4,000.0	2.22	146.44	3,998.0	-88.6	58.8	-87.4	0.00	0.00	0.00
4,100.0	2.22	146.44	4,097.9	-91.8	60.9	-90.6	0.00	0.00	0.00
4,200.0	2.22	146.44	4,197.8	-95.0	63.0	-93.8	0.00	0.00	0.00
4,300.0	2.22	146.44	4,297.7	-98.3	65.2	-97.0	0.00	0.00	0.00
4,400.0	2.22	146.44	4,397.7	-101.5	67.3	-100.2	0.00	0.00	0.00
4,500.0	2.22	146.44	4,497.6	-104.7	69.5	-103.4	0.00	0.00	0.00
4,600.0	2.22	146.44	4,597.5	-107.9	71.6	-106.6	0.00	0.00	0.00
4,700.0	2.22	146.44	4,697.4	-111.2	73.7	-109.7	0.00	0.00	0.00
4,800.0	2.22	146.44	4,797.4	-114.4	75.9	-112.9	0.00	0.00	0.00
4,900.0	2.22	146.44	4,897.3	-117.6	78.0	-116.1	0.00	0.00	0.00
5,000.0	2.22	146.44	4,997.2	-120.9	80.2	-119.3	0.00	0.00	0.00
5,100.0	2.22	146.44	5,097.1	-124.1	82.3	-122.5	0.00	0.00	0.00
5,200.0	2.22	146.44	5,197.1	-127.3	84.4	-125.7	0.00	0.00	0.00



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5,300.0	2.22	146.44	5,297.0	-130.5	86.6	-128.9	0.00	0.00	0.00
5,400.0	2.22	146.44	5,396.9	-133.8	88.7	-132.1	0.00	0.00	0.00
5,500.0	2.22	146.44	5,496.8	-137.0	90.9	-135.2	0.00	0.00	0.00
5,600.0	2.22	146.44	5,596.8	-140.2	93.0	-138.4	0.00	0.00	0.00
5,700.0	2.22	146.44	5,696.7	-143.4	95.2	-141.6	0.00	0.00	0.00
5,800.0	2.22	146.44	5,796.6	-146.7	97.3	-144.8	0.00	0.00	0.00
5,900.0	2.22	146.44	5,896.5	-149.9	99.4	-148.0	0.00	0.00	0.00
6,000.0	2.22	146.44	5,996.5	-153.1	101.6	-151.2	0.00	0.00	0.00
6,100.0	2.22	146.44	6,096.4	-156.4	103.7	-154.4	0.00	0.00	0.00
6,200.0	2.22	146.44	6,196.3	-159.6	105.9	-157.5	0.00	0.00	0.00
6,300.0	2.22	146.44	6,296.2	-162.8	108.0	-160.7	0.00	0.00	0.00
6,400.0	2.22	146.44	6,396.2	-166.0	110.1	-163.9	0.00	0.00	0.00
6,500.0	2.22	146.44	6,496.1	-169.3	112.3	-167.1	0.00	0.00	0.00
6,600.0	2.22	146.44	6,596.0	-172.5	114.4	-170.3	0.00	0.00	0.00
6,700.0	2.22	146.44	6,695.9	-175.7	116.6	-173.5	0.00	0.00	0.00
6,800.0	2.22	146.44	6,795.9	-179.0	118.7	-176.7	0.00	0.00	0.00
6,900.0	2.22	146.44	6,895.8	-182.2	120.8	-179.8	0.00	0.00	0.00
7,000.0	2.22	146.44	6,995.7	-185.4	123.0	-183.0	0.00	0.00	0.00
7,100.0	2.22	146.44	7,095.6	-188.6	125.1	-186.2	0.00	0.00	0.00
7,200.0	2.22	146.44	7,195.6	-191.9	127.3	-189.4	0.00	0.00	0.00
7,300.0	2.22	146.44	7,295.5	-195.1	129.4	-192.6	0.00	0.00	0.00
7,365.6	2.22	146.44	7,361.0	-197.2	130.8	-194.7	0.00	0.00	0.00
7,400.0	1.53	146.44	7,395.4	-198.1	131.4	-195.6	2.00	-2.00	0.00
7,476.6	0.00	0.00	7,472.0	-199.0	132.0	-196.4	2.00	-2.00	0.00
7,500.0	0.00	0.00	7,495.4	-199.0	132.0	-196.4	0.00	0.00	0.00
7,600.0	0.00	0.00	7,595.4	-199.0	132.0	-196.4	0.00	0.00	0.00
7,700.0	0.00	0.00	7,695.4	-199.0	132.0	-196.4	0.00	0.00	0.00
7,800.0	0.00	0.00	7,795.4	-199.0	132.0	-196.4	0.00	0.00	0.00
7,900.0	0.00	0.00	7,895.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,000.0	0.00	0.00	7,995.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,100.0	0.00	0.00	8,095.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,200.0	0.00	0.00	8,195.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,300.0	0.00	0.00	8,295.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,400.0	0.00	0.00	8,395.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,500.0	0.00	0.00	8,495.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,600.0	0.00	0.00	8,595.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,700.0	0.00	0.00	8,695.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,800.0	0.00	0.00	8,795.4	-199.0	132.0	-196.4	0.00	0.00	0.00
8,900.0	0.00	0.00	8,895.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,000.0	0.00	0.00	8,995.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,100.0	0.00	0.00	9,095.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,200.0	0.00	0.00	9,195.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,300.0	0.00	0.00	9,295.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,400.0	0.00	0.00	9,395.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,500.0	0.00	0.00	9,495.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,600.0	0.00	0.00	9,595.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,700.0	0.00	0.00	9,695.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,800.0	0.00	0.00	9,795.4	-199.0	132.0	-196.4	0.00	0.00	0.00
9,900.0	0.00	0.00	9,895.4	-199.0	132.0	-196.4	0.00	0.00	0.00
10,000.0	0.00	0.00	9,995.4	-199.0	132.0	-196.4	0.00	0.00	0.00
10,100.0	0.00	0.00	10,095.4	-199.0	132.0	-196.4	0.00	0.00	0.00
10,200.0	0.00	0.00	10,195.4	-199.0	132.0	-196.4	0.00	0.00	0.00
10,309.1	0.00	0.00	10,304.5	-199.0	132.0	-196.4	0.00	0.00	0.00
10,325.0	1.91	359.58	10,320.4	-198.7	132.0	-196.2	12.00	12.00	0.00



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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)
10,350.0	4.91	359.58	10,345.4	-197.2	132.0	-194.7	12.00	12.00	0.00
10,375.0	7.91	359.58	10,370.2	-194.5	132.0	-191.9	12.00	12.00	0.00
10,400.0	10.91	359.58	10,394.9	-190.4	131.9	-187.8	12.00	12.00	0.00
10,425.0	13.91	359.58	10,419.3	-185.0	131.9	-182.5	12.00	12.00	0.00
10,450.0	16.91	359.58	10,443.4	-178.4	131.8	-175.8	12.00	12.00	0.00
10,475.0	19.91	359.58	10,467.1	-170.5	131.8	-167.9	12.00	12.00	0.00
10,500.0	22.91	359.58	10,490.4	-161.3	131.7	-158.8	12.00	12.00	0.00
10,525.0	25.91	359.58	10,513.1	-151.0	131.6	-148.5	12.00	12.00	0.00
10,550.0	28.91	359.58	10,535.3	-139.5	131.6	-137.0	12.00	12.00	0.00
10,575.0	31.91	359.58	10,556.9	-126.9	131.5	-124.3	12.00	12.00	0.00
10,600.0	34.91	359.58	10,577.7	-113.1	131.4	-110.6	12.00	12.00	0.00
10,625.0	37.91	359.58	10,597.9	-98.3	131.3	-95.7	12.00	12.00	0.00
10,650.0	40.91	359.58	10,617.2	-82.4	131.1	-79.9	12.00	12.00	0.00
10,675.0	43.91	359.58	10,635.6	-65.5	131.0	-63.0	12.00	12.00	0.00
10,700.0	46.91	359.58	10,653.2	-47.7	130.9	-45.2	12.00	12.00	0.00
10,725.0	49.91	359.58	10,669.8	-29.0	130.7	-26.5	12.00	12.00	0.00
10,750.0	52.91	359.58	10,685.4	-9.5	130.6	-7.0	12.00	12.00	0.00
10,775.0	55.91	359.58	10,699.9	10.8	130.4	13.3	12.00	12.00	0.00
10,800.0	58.91	359.58	10,713.4	31.9	130.3	34.4	12.00	12.00	0.00
10,825.0	61.91	359.58	10,725.7	53.6	130.1	56.1	12.00	12.00	0.00
10,850.0	64.91	359.58	10,736.9	76.0	130.0	78.4	12.00	12.00	0.00
10,875.0	67.91	359.58	10,746.9	98.9	129.8	101.3	12.00	12.00	0.00
10,900.0	70.91	359.58	10,755.7	122.3	129.6	124.7	12.00	12.00	0.00
10,925.0	73.91	359.58	10,763.3	146.1	129.4	148.6	12.00	12.00	0.00
10,950.0	76.91	359.58	10,769.6	170.3	129.3	172.7	12.00	12.00	0.00
10,975.0	79.91	359.58	10,774.6	194.8	129.1	197.2	12.00	12.00	0.00
11,000.0	82.91	359.58	10,778.3	219.5	128.9	221.9	12.00	12.00	0.00
11,025.0	85.91	359.58	10,780.7	244.4	128.7	246.8	12.00	12.00	0.00
11,050.0	88.91	359.58	10,781.9	269.4	128.5	271.8	12.00	12.00	0.00
11,059.1	90.00	359.58	10,782.0	278.4	128.5	280.8	12.00	12.00	0.00
11,100.0	90.00	359.58	10,782.0	319.4	128.2	321.7	0.00	0.00	0.00
11,200.0	90.00	359.58	10,782.0	419.3	127.4	421.7	0.00	0.00	0.00
11,300.0	90.00	359.58	10,782.0	519.3	126.7	521.7	0.00	0.00	0.00
11,400.0	90.00	359.58	10,782.0	619.3	125.9	621.6	0.00	0.00	0.00
11,500.0	90.00	359.58	10,782.0	719.3	125.2	721.6	0.00	0.00	0.00
11,600.0	90.00	359.58	10,782.0	819.3	124.5	821.6	0.00	0.00	0.00
11,700.0	90.00	359.58	10,782.0	919.3	123.7	921.5	0.00	0.00	0.00
11,800.0	90.00	359.58	10,782.0	1,019.3	123.0	1,021.5	0.00	0.00	0.00
11,900.0	90.00	359.58	10,782.0	1,119.3	122.2	1,121.5	0.00	0.00	0.00
12,000.0	90.00	359.58	10,782.0	1,219.3	121.5	1,221.4	0.00	0.00	0.00
12,100.0	90.00	359.58	10,782.0	1,319.3	120.8	1,321.4	0.00	0.00	0.00
12,200.0	90.00	359.58	10,782.0	1,419.3	120.0	1,421.4	0.00	0.00	0.00
12,300.0	90.00	359.58	10,782.0	1,519.3	119.3	1,521.3	0.00	0.00	0.00
12,400.0	90.00	359.58	10,782.0	1,619.3	118.5	1,621.3	0.00	0.00	0.00
12,500.0	90.00	359.58	10,782.0	1,719.3	117.8	1,721.2	0.00	0.00	0.00
12,600.0	90.00	359.58	10,782.0	1,819.3	117.0	1,821.2	0.00	0.00	0.00
12,700.0	90.00	359.58	10,782.0	1,919.3	116.3	1,921.2	0.00	0.00	0.00
12,800.0	90.00	359.58	10,782.0	2,019.3	115.6	2,021.1	0.00	0.00	0.00
12,900.0	90.00	359.58	10,782.0	2,119.3	114.8	2,121.1	0.00	0.00	0.00
13,000.0	90.00	359.58	10,782.0	2,219.3	114.1	2,221.1	0.00	0.00	0.00
13,100.0	90.00	359.58	10,782.0	2,319.3	113.3	2,321.0	0.00	0.00	0.00
13,200.0	90.00	359.58	10,782.0	2,419.3	112.6	2,421.0	0.00	0.00	0.00
13,300.0	90.00	359.58	10,782.0	2,519.3	111.9	2,521.0	0.00	0.00	0.00
13,400.0	90.00	359.58	10,782.0	2,619.3	111.1	2,620.9	0.00	0.00	0.00

Database:	EDM	Local Co-ordinate Reference:	Well #506H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25 @ 3564.0usft
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25 @ 3564.0usft
Site:	Python 36 State Com	North Reference:	Grid
Well:	#506H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #0.1		

Planned Survey

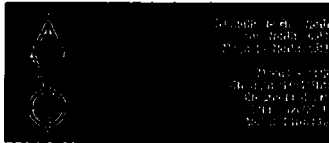
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,500.0	90.00	359.58	10,782.0	2,719.3	110.4	2,720.9	0.00	0.00	0.00
13,600.0	90.00	359.58	10,782.0	2,819.3	109.6	2,820.9	0.00	0.00	0.00
13,700.0	90.00	359.58	10,782.0	2,919.3	108.9	2,920.8	0.00	0.00	0.00
13,800.0	90.00	359.58	10,782.0	3,019.3	108.2	3,020.8	0.00	0.00	0.00
13,900.0	90.00	359.58	10,782.0	3,119.3	107.4	3,120.8	0.00	0.00	0.00
14,000.0	90.00	359.58	10,782.0	3,219.3	106.7	3,220.7	0.00	0.00	0.00
14,100.0	90.00	359.58	10,782.0	3,319.3	105.9	3,320.7	0.00	0.00	0.00
14,200.0	90.00	359.58	10,782.0	3,419.3	105.2	3,420.7	0.00	0.00	0.00
14,300.0	90.00	359.58	10,782.0	3,519.3	104.5	3,520.6	0.00	0.00	0.00
14,400.0	90.00	359.58	10,782.0	3,619.3	103.7	3,620.6	0.00	0.00	0.00
14,500.0	90.00	359.58	10,782.0	3,719.3	103.0	3,720.5	0.00	0.00	0.00
14,600.0	90.00	359.58	10,782.0	3,819.3	102.2	3,820.5	0.00	0.00	0.00
14,700.0	90.00	359.58	10,782.0	3,919.3	101.5	3,920.5	0.00	0.00	0.00
14,800.0	90.00	359.58	10,782.0	4,019.3	100.7	4,020.4	0.00	0.00	0.00
14,900.0	90.00	359.58	10,782.0	4,119.2	100.0	4,120.4	0.00	0.00	0.00
15,000.0	90.00	359.58	10,782.0	4,219.2	99.3	4,220.4	0.00	0.00	0.00
15,100.0	90.00	359.58	10,782.0	4,319.2	98.5	4,320.3	0.00	0.00	0.00
15,200.0	90.00	359.58	10,782.0	4,419.2	97.8	4,420.3	0.00	0.00	0.00
15,300.0	90.00	359.58	10,782.0	4,519.2	97.0	4,520.3	0.00	0.00	0.00
15,400.0	90.00	359.58	10,782.0	4,619.2	96.3	4,620.2	0.00	0.00	0.00
15,500.0	90.00	359.58	10,782.0	4,719.2	95.6	4,720.2	0.00	0.00	0.00
15,600.0	90.00	359.58	10,782.0	4,819.2	94.8	4,820.2	0.00	0.00	0.00
15,700.0	90.00	359.58	10,782.0	4,919.2	94.1	4,920.1	0.00	0.00	0.00
15,710.8	90.00	359.58	10,782.0	4,930.0	94.0	4,930.9	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
KOP (Python 36 State #: - hit/miss target - Shape - Point	0.00	0.00	10,304.5	-199.0	132.0	425,215.00	760,466.00	32° 10' 1.244 N	103° 37' 30.580 W
FTP (Python 36 State # - plan misses target center by 0.4usft at 10529.5usft MD (10517.2 TVD, -149.0 N, 131.6 E) - Point	0.00	0.00	10,517.2	-149.0	132.0	425,265.00	760,466.00	32° 10' 1.738 N	103° 37' 30.576 W
PBHL (Python 36 State # - plan hits target center - Point	0.00	0.00	10,782.0	4,930.0	94.0	430,344.00	760,428.00	32° 10' 52.000 N	103° 37' 30.630 W



Lea County, NM (NAD 83 NME)
Python 36 State Com #506H
Plan #0.1



To convert a Magnetic Direction to a Grid Direction, Add 0.33°
To convert a Magnetic Direction to a True Direction, Add 0.71° East
To convert a True Direction to a Grid Direction, Subtract 0.38°

PROJECT DETAILS: Lea County, NM (NAD 83 NME)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

WELL DETAILS: #506H

KB = 28 @ 3584.0usft 3539.0
Northing 425414.00 Easting 760334.00 Latitude 32° 10' 3.221 N Longitude 103° 37' 32.101 W

SECTION DETAILS

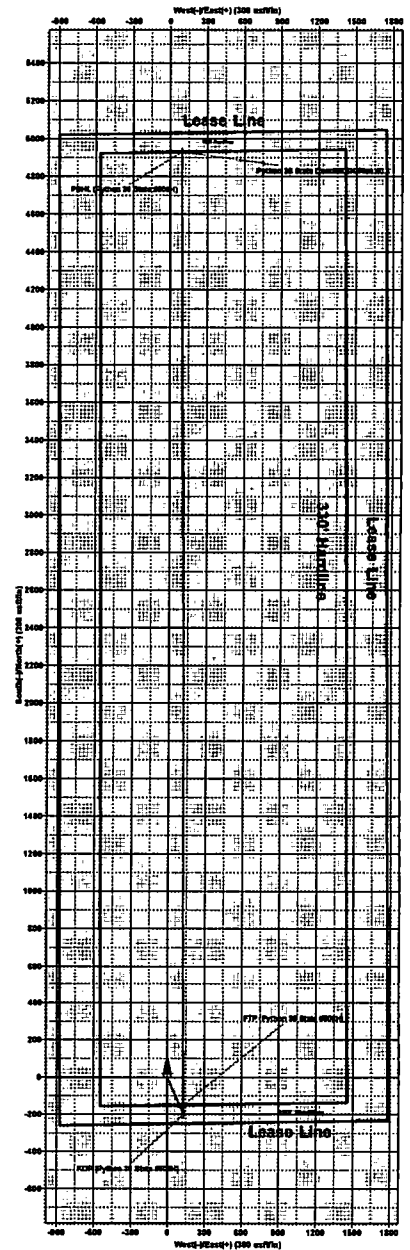
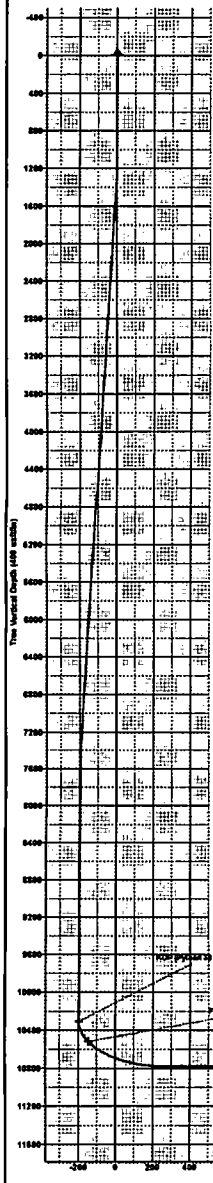
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1311.0	2.22	146.44	1311.0	-1.8	1.2	2.00	146.44	-1.8	
4	7365.6	2.22	146.44	7361.0	-197.2	130.8	0.00	0.00	-194.7	
5	7476.6	0.00	0.00	7472.0	-199.0	132.0	2.00	180.00	-196.4	
6	10309.1	0.00	0.00	10304.5	-199.0	132.0	0.00	0.00	-196.4	KOP (Python 36 State #506H)
7	11059.1	90.00	359.58	10782.0	278.4	128.5	12.00	359.58	280.8	
8	15710.8	90.00	359.58	10782.0	4930.0	94.0	0.00	0.00	4930.9	PBHL (Python 36 State #506H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP (Python 36 State #506H)	10304.5	-199.0	132.0	425216.00	760488.00
PBHL (Python 36 State #506H)	10782.0	4930.0	94.0	425344.00	760428.00
FTP (Python 36 State #506H)	10817.2	-149.0	132.0	425265.00	760468.00



Lea County, NM (NAD 83 NME)
Python 36 State Com #506H
Plan #0.1
1:10,000 Scale
1/10/2008