



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Python 36 State Com

#505H

OH

Plan: Plan #0.1

HOBBS OCD

DEC 30 2019

RECEIVED

Standard Planning Report

26 November, 2019

Database:	EDM	Local Co-ordinate Reference:	Well #505H
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:	#505H	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	#505H					
Well Position	+N/-S	-34.0 usft	Northing:	425,414.00 usft	Latitude:	32° 10' 3.224 N
	+E/-W	2,773.0 usft	Easting:	760,301.00 usft	Longitude:	103° 37' 32.485 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	11/25/2019	6.71	59.97	47,647.34614577

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	353.83

Plan Survey Tool Program	Date	11/26/2019		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.0	16,012.9 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	
1,461.8	5.24	248.14	1,461.5	-4.5	-11.1	2.00	2.00	0.00	248.14	
7,232.0	5.24	248.14	7,207.5	-200.5	-499.9	0.00	0.00	0.00	0.00	
7,493.8	0.00	0.00	7,469.0	-205.0	-511.0	2.00	-2.00	0.00	180.00	
10,612.3	0.00	0.00	10,587.5	-205.0	-511.0	0.00	0.00	0.00	0.00	KOP (Python 36 State
11,362.3	90.00	359.77	11,065.0	272.5	-513.0	12.00	12.00	-0.03	359.77	
16,012.9	90.00	359.77	11,065.0	4,923.0	-532.0	0.00	0.00	0.00	0.00	PBHL (Python 36 Stat



Planning Report

Database: EDM
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Python 36 State Com
Well: #505H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #505H
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	248.14	1,300.0	-0.6	-1.6	-0.5	2.00	2.00	0.00
1,400.0	4.00	248.14	1,399.8	-2.6	-6.5	-1.9	2.00	2.00	0.00
1,461.8	5.24	248.14	1,461.5	-4.5	-11.1	-3.2	2.00	2.00	0.00
1,500.0	5.24	248.14	1,499.5	-5.7	-14.3	-4.2	0.00	0.00	0.00
1,600.0	5.24	248.14	1,599.1	-9.1	-22.8	-6.6	0.00	0.00	0.00
1,700.0	5.24	248.14	1,698.6	-12.5	-31.3	-9.1	0.00	0.00	0.00
1,800.0	5.24	248.14	1,798.2	-15.9	-39.7	-11.6	0.00	0.00	0.00
1,900.0	5.24	248.14	1,897.8	-19.3	-48.2	-14.1	0.00	0.00	0.00
2,000.0	5.24	248.14	1,997.4	-22.7	-56.7	-16.5	0.00	0.00	0.00
2,100.0	5.24	248.14	2,097.0	-26.1	-65.2	-19.0	0.00	0.00	0.00
2,200.0	5.24	248.14	2,196.6	-29.5	-73.6	-21.5	0.00	0.00	0.00
2,300.0	5.24	248.14	2,296.1	-32.9	-82.1	-23.9	0.00	0.00	0.00
2,400.0	5.24	248.14	2,395.7	-36.3	-90.6	-26.4	0.00	0.00	0.00
2,500.0	5.24	248.14	2,495.3	-39.7	-99.0	-28.9	0.00	0.00	0.00
2,600.0	5.24	248.14	2,594.9	-43.1	-107.5	-31.3	0.00	0.00	0.00
2,700.0	5.24	248.14	2,694.5	-46.5	-116.0	-33.8	0.00	0.00	0.00
2,800.0	5.24	248.14	2,794.0	-49.9	-124.5	-36.3	0.00	0.00	0.00
2,900.0	5.24	248.14	2,893.6	-53.3	-132.9	-38.7	0.00	0.00	0.00
3,000.0	5.24	248.14	2,993.2	-56.7	-141.4	-41.2	0.00	0.00	0.00
3,100.0	5.24	248.14	3,092.8	-60.1	-149.9	-43.7	0.00	0.00	0.00
3,200.0	5.24	248.14	3,192.4	-63.5	-158.3	-46.1	0.00	0.00	0.00
3,300.0	5.24	248.14	3,292.0	-66.9	-166.8	-48.6	0.00	0.00	0.00
3,400.0	5.24	248.14	3,391.5	-70.3	-175.3	-51.1	0.00	0.00	0.00
3,500.0	5.24	248.14	3,491.1	-73.7	-183.8	-53.5	0.00	0.00	0.00
3,600.0	5.24	248.14	3,590.7	-77.1	-192.2	-56.0	0.00	0.00	0.00
3,700.0	5.24	248.14	3,690.3	-80.5	-200.7	-58.5	0.00	0.00	0.00
3,800.0	5.24	248.14	3,789.9	-83.9	-209.2	-61.0	0.00	0.00	0.00
3,900.0	5.24	248.14	3,889.5	-87.3	-217.6	-63.4	0.00	0.00	0.00
4,000.0	5.24	248.14	3,989.0	-90.7	-226.1	-65.9	0.00	0.00	0.00
4,100.0	5.24	248.14	4,088.6	-94.1	-234.6	-68.4	0.00	0.00	0.00
4,200.0	5.24	248.14	4,188.2	-97.5	-243.1	-70.8	0.00	0.00	0.00
4,300.0	5.24	248.14	4,287.8	-100.9	-251.5	-73.3	0.00	0.00	0.00
4,400.0	5.24	248.14	4,387.4	-104.3	-260.0	-75.8	0.00	0.00	0.00
4,500.0	5.24	248.14	4,487.0	-107.7	-268.5	-78.2	0.00	0.00	0.00
4,600.0	5.24	248.14	4,586.5	-111.1	-276.9	-80.7	0.00	0.00	0.00
4,700.0	5.24	248.14	4,686.1	-114.5	-285.4	-83.2	0.00	0.00	0.00
4,800.0	5.24	248.14	4,785.7	-117.9	-293.9	-85.6	0.00	0.00	0.00
4,900.0	5.24	248.14	4,885.3	-121.3	-302.4	-88.1	0.00	0.00	0.00
5,000.0	5.24	248.14	4,984.9	-124.7	-310.8	-90.6	0.00	0.00	0.00
5,100.0	5.24	248.14	5,084.4	-128.1	-319.3	-93.0	0.00	0.00	0.00
5,200.0	5.24	248.14	5,184.0	-131.5	-327.8	-95.5	0.00	0.00	0.00



Planning Report

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Site:	Python 36 State Com	North Reference:	Grid
Well:	#505H	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)
5,300.0	5.24	248.14	5,283.6	-134.9	-336.2	-98.0	0.00	0.00	0.00
5,400.0	5.24	248.14	5,383.2	-138.3	-344.7	-100.5	0.00	0.00	0.00
5,500.0	5.24	248.14	5,482.8	-141.7	-353.2	-102.9	0.00	0.00	0.00
5,600.0	5.24	248.14	5,582.4	-145.1	-361.7	-105.4	0.00	0.00	0.00
5,700.0	5.24	248.14	5,681.9	-148.5	-370.1	-107.9	0.00	0.00	0.00
5,800.0	5.24	248.14	5,781.5	-151.9	-378.6	-110.3	0.00	0.00	0.00
5,900.0	5.24	248.14	5,881.1	-155.3	-387.1	-112.8	0.00	0.00	0.00
6,000.0	5.24	248.14	5,980.7	-158.7	-395.5	-115.3	0.00	0.00	0.00
6,100.0	5.24	248.14	6,080.3	-162.1	-404.0	-117.7	0.00	0.00	0.00
6,200.0	5.24	248.14	6,179.9	-165.5	-412.5	-120.2	0.00	0.00	0.00
6,300.0	5.24	248.14	6,279.4	-168.9	-421.0	-122.7	0.00	0.00	0.00
6,400.0	5.24	248.14	6,379.0	-172.3	-429.4	-125.1	0.00	0.00	0.00
6,500.0	5.24	248.14	6,478.6	-175.7	-437.9	-127.6	0.00	0.00	0.00
6,600.0	5.24	248.14	6,578.2	-179.1	-446.4	-130.1	0.00	0.00	0.00
6,700.0	5.24	248.14	6,677.8	-182.5	-454.8	-132.5	0.00	0.00	0.00
6,800.0	5.24	248.14	6,777.4	-185.9	-463.3	-135.0	0.00	0.00	0.00
6,900.0	5.24	248.14	6,876.9	-189.3	-471.8	-137.5	0.00	0.00	0.00
7,000.0	5.24	248.14	6,976.5	-192.7	-480.3	-140.0	0.00	0.00	0.00
7,100.0	5.24	248.14	7,076.1	-196.1	-488.7	-142.4	0.00	0.00	0.00
7,200.0	5.24	248.14	7,175.7	-199.5	-497.2	-144.9	0.00	0.00	0.00
7,232.0	5.24	248.14	7,207.5	-200.5	-499.9	-145.7	0.00	0.00	0.00
7,300.0	3.88	248.14	7,275.3	-202.6	-504.9	-147.1	2.00	-2.00	0.00
7,400.0	1.88	248.14	7,375.2	-204.4	-509.6	-148.5	2.00	-2.00	0.00
7,493.8	0.00	0.00	7,469.0	-205.0	-511.0	-148.9	2.00	-2.00	0.00
7,500.0	0.00	0.00	7,475.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
7,600.0	0.00	0.00	7,575.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
7,700.0	0.00	0.00	7,675.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
7,800.0	0.00	0.00	7,775.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
7,900.0	0.00	0.00	7,875.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,000.0	0.00	0.00	7,975.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,100.0	0.00	0.00	8,075.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,200.0	0.00	0.00	8,175.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,300.0	0.00	0.00	8,275.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,400.0	0.00	0.00	8,375.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,500.0	0.00	0.00	8,475.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,600.0	0.00	0.00	8,575.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,700.0	0.00	0.00	8,675.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,800.0	0.00	0.00	8,775.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
8,900.0	0.00	0.00	8,875.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,000.0	0.00	0.00	8,975.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,100.0	0.00	0.00	9,075.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,200.0	0.00	0.00	9,175.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,300.0	0.00	0.00	9,275.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,400.0	0.00	0.00	9,375.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,500.0	0.00	0.00	9,475.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,600.0	0.00	0.00	9,575.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,700.0	0.00	0.00	9,675.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,800.0	0.00	0.00	9,775.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
9,900.0	0.00	0.00	9,875.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,000.0	0.00	0.00	9,975.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,100.0	0.00	0.00	10,075.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,200.0	0.00	0.00	10,175.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,300.0	0.00	0.00	10,275.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,400.0	0.00	0.00	10,375.2	-205.0	-511.0	-148.9	0.00	0.00	0.00



Planning Report

Database:	EDM	Local Co-ordinate Reference:	Well #505H
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:	#505H	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)
10,500.0	0.00	0.00	10,475.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,600.0	0.00	0.00	10,575.2	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,612.3	0.00	0.00	10,587.5	-205.0	-511.0	-148.9	0.00	0.00	0.00
10,625.0	1.52	359.77	10,600.2	-204.8	-511.0	-148.7	12.00	12.00	0.00
10,650.0	4.52	359.77	10,625.1	-203.5	-511.0	-147.4	12.00	12.00	0.00
10,675.0	7.52	359.77	10,650.0	-200.9	-511.0	-144.8	12.00	12.00	0.00
10,700.0	10.52	359.77	10,674.7	-197.0	-511.0	-140.9	12.00	12.00	0.00
10,725.0	13.52	359.77	10,699.1	-191.8	-511.1	-135.7	12.00	12.00	0.00
10,750.0	16.52	359.77	10,723.3	-185.3	-511.1	-129.3	12.00	12.00	0.00
10,775.0	19.52	359.77	10,747.1	-177.6	-511.1	-121.6	12.00	12.00	0.00
10,800.0	22.52	359.77	10,770.4	-168.6	-511.1	-112.7	12.00	12.00	0.00
10,825.0	25.52	359.77	10,793.2	-158.4	-511.2	-102.6	12.00	12.00	0.00
10,850.0	28.52	359.77	10,815.5	-147.1	-511.2	-91.3	12.00	12.00	0.00
10,875.0	31.52	359.77	10,837.1	-134.5	-511.3	-78.8	12.00	12.00	0.00
10,900.0	34.52	359.77	10,858.1	-120.9	-511.3	-65.3	12.00	12.00	0.00
10,925.0	37.52	359.77	10,878.3	-106.2	-511.4	-50.7	12.00	12.00	0.00
10,950.0	40.52	359.77	10,897.7	-90.5	-511.5	-35.0	12.00	12.00	0.00
10,975.0	43.52	359.77	10,916.3	-73.7	-511.5	-18.4	12.00	12.00	0.00
11,000.0	46.52	359.77	10,934.0	-56.1	-511.6	-0.8	12.00	12.00	0.00
11,025.0	49.52	359.77	10,950.7	-37.5	-511.7	17.7	12.00	12.00	0.00
11,050.0	52.52	359.77	10,966.4	-18.1	-511.8	37.0	12.00	12.00	0.00
11,075.0	55.52	359.77	10,981.1	2.2	-511.8	57.2	12.00	12.00	0.00
11,100.0	58.52	359.77	10,994.7	23.1	-511.9	78.0	12.00	12.00	0.00
11,125.0	61.52	359.77	11,007.2	44.8	-512.0	99.6	12.00	12.00	0.00
11,150.0	64.52	359.77	11,018.5	67.1	-512.1	121.7	12.00	12.00	0.00
11,175.0	67.52	359.77	11,028.7	89.9	-512.2	144.4	12.00	12.00	0.00
11,200.0	70.52	359.77	11,037.6	113.3	-512.3	167.6	12.00	12.00	0.00
11,225.0	73.52	359.77	11,045.4	137.0	-512.4	191.3	12.00	12.00	0.00
11,250.0	76.52	359.77	11,051.8	161.2	-512.5	215.3	12.00	12.00	0.00
11,275.0	79.52	359.77	11,057.0	185.6	-512.6	239.6	12.00	12.00	0.00
11,300.0	82.52	359.77	11,060.9	210.3	-512.7	264.2	12.00	12.00	0.00
11,325.0	85.52	359.77	11,063.5	235.2	-512.8	288.9	12.00	12.00	0.00
11,350.0	88.52	359.77	11,064.8	260.1	-512.9	313.7	12.00	12.00	0.00
11,362.3	90.00	359.77	11,065.0	272.5	-513.0	326.0	12.00	12.00	0.00
11,400.0	90.00	359.77	11,065.0	310.1	-513.1	363.5	0.00	0.00	0.00
11,500.0	90.00	359.77	11,065.0	410.1	-513.5	462.9	0.00	0.00	0.00
11,600.0	90.00	359.77	11,065.0	510.1	-513.9	562.4	0.00	0.00	0.00
11,700.0	90.00	359.77	11,065.0	610.1	-514.3	661.9	0.00	0.00	0.00
11,800.0	90.00	359.77	11,065.0	710.1	-514.7	761.3	0.00	0.00	0.00
11,900.0	90.00	359.77	11,065.0	810.1	-515.2	860.8	0.00	0.00	0.00
12,000.0	90.00	359.77	11,065.0	910.1	-515.6	960.3	0.00	0.00	0.00
12,100.0	90.00	359.77	11,065.0	1,010.1	-516.0	1,059.7	0.00	0.00	0.00
12,200.0	90.00	359.77	11,065.0	1,110.1	-516.4	1,159.2	0.00	0.00	0.00
12,300.0	90.00	359.77	11,065.0	1,210.1	-516.8	1,258.7	0.00	0.00	0.00
12,400.0	90.00	359.77	11,065.0	1,310.1	-517.2	1,358.1	0.00	0.00	0.00
12,500.0	90.00	359.77	11,065.0	1,410.1	-517.6	1,457.6	0.00	0.00	0.00
12,600.0	90.00	359.77	11,065.0	1,510.1	-518.0	1,557.0	0.00	0.00	0.00
12,700.0	90.00	359.77	11,065.0	1,610.1	-518.4	1,656.5	0.00	0.00	0.00
12,800.0	90.00	359.77	11,065.0	1,710.1	-518.8	1,756.0	0.00	0.00	0.00
12,900.0	90.00	359.77	11,065.0	1,810.1	-519.3	1,855.4	0.00	0.00	0.00
13,000.0	90.00	359.77	11,065.0	1,910.1	-519.7	1,954.9	0.00	0.00	0.00
13,100.0	90.00	359.77	11,065.0	2,010.1	-520.1	2,054.4	0.00	0.00	0.00
13,200.0	90.00	359.77	11,065.0	2,110.1	-520.5	2,153.8	0.00	0.00	0.00
13,300.0	90.00	359.77	11,065.0	2,210.1	-520.9	2,253.3	0.00	0.00	0.00

Database:	EDM	Local Co-ordinate Reference:	Well #505H
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:	#505H	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)
13,400.0	90.00	359.77	11,065.0	2,310.1	-521.3	2,352.8	0.00	0.00	0.00
13,500.0	90.00	359.77	11,065.0	2,410.1	-521.7	2,452.2	0.00	0.00	0.00
13,600.0	90.00	359.77	11,065.0	2,510.1	-522.1	2,551.7	0.00	0.00	0.00
13,700.0	90.00	359.77	11,065.0	2,610.1	-522.5	2,651.2	0.00	0.00	0.00
13,800.0	90.00	359.77	11,065.0	2,710.1	-522.9	2,750.6	0.00	0.00	0.00
13,900.0	90.00	359.77	11,065.0	2,810.1	-523.3	2,850.1	0.00	0.00	0.00
14,000.0	90.00	359.77	11,065.0	2,910.1	-523.8	2,949.6	0.00	0.00	0.00
14,100.0	90.00	359.77	11,065.0	3,010.1	-524.2	3,049.0	0.00	0.00	0.00
14,200.0	90.00	359.77	11,065.0	3,110.1	-524.6	3,148.5	0.00	0.00	0.00
14,300.0	90.00	359.77	11,065.0	3,210.1	-525.0	3,247.9	0.00	0.00	0.00
14,400.0	90.00	359.77	11,065.0	3,310.1	-525.4	3,347.4	0.00	0.00	0.00
14,500.0	90.00	359.77	11,065.0	3,410.1	-525.8	3,446.9	0.00	0.00	0.00
14,600.0	90.00	359.77	11,065.0	3,510.1	-526.2	3,546.3	0.00	0.00	0.00
14,700.0	90.00	359.77	11,065.0	3,610.1	-526.6	3,645.8	0.00	0.00	0.00
14,800.0	90.00	359.77	11,065.0	3,710.1	-527.0	3,745.3	0.00	0.00	0.00
14,900.0	90.00	359.77	11,065.0	3,810.1	-527.4	3,844.7	0.00	0.00	0.00
15,000.0	90.00	359.77	11,065.0	3,910.1	-527.9	3,944.2	0.00	0.00	0.00
15,100.0	90.00	359.77	11,065.0	4,010.1	-528.3	4,043.7	0.00	0.00	0.00
15,200.0	90.00	359.77	11,065.0	4,110.1	-528.7	4,143.1	0.00	0.00	0.00
15,300.0	90.00	359.77	11,065.0	4,210.1	-529.1	4,242.6	0.00	0.00	0.00
15,400.0	90.00	359.77	11,065.0	4,310.1	-529.5	4,342.1	0.00	0.00	0.00
15,500.0	90.00	359.77	11,065.0	4,410.1	-529.9	4,441.5	0.00	0.00	0.00
15,600.0	90.00	359.77	11,065.0	4,510.1	-530.3	4,541.0	0.00	0.00	0.00
15,700.0	90.00	359.77	11,065.0	4,610.1	-530.7	4,640.4	0.00	0.00	0.00
15,800.0	90.00	359.77	11,065.0	4,710.1	-531.1	4,739.9	0.00	0.00	0.00
15,900.0	90.00	359.77	11,065.0	4,810.1	-531.5	4,839.4	0.00	0.00	0.00
16,000.0	90.00	359.77	11,065.0	4,910.1	-531.9	4,938.8	0.00	0.00	0.00
16,012.9	90.00	359.77	11,065.0	4,923.0	-532.0	4,951.7	0.00	0.00	0.00

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
KOP (Python 36 State #: - plan hits target center - Point	0.00	0.00	10,587.5	-205.0	-511.0	425,209.00	759,790.00	32° 10' 1.228 N	103° 37' 38.445 W
FTP (Python 36 State #5 - plan misses target center by 0.2usft at 10832.8usft MD (10800.2 TVD, -155.0 N, -511.2 E) - Point	0.00	0.00	10,800.2	-155.0	-511.0	425,259.00	759,790.00	32° 10' 1.723 N	103° 37' 38.441 W
PBHL (Python 36 State 1 - plan hits target center - Point	0.00	0.00	11,065.0	4,923.0	-532.0	430,337.00	759,769.00	32° 10' 51.973 N	103° 37' 38.298 W



To convert a Magnetic Direction to a Grid Direction, Add 8.33°
To convert a Magnetic Direction to a True Direction, Add 8.71° East
To convert a True Direction to a Grid Direction, Subtract 0.38°

Lea County, NM (NAD 83 NME)

Python 36 State Com #505H

Plan #0.1

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: #505H

KB = 26 @ 3564.0usft 3539.0
Northing 425414.00 Easting 780301.00 Latitude 32° 10' 3.224 N Longitude 103° 37' 32.485 W

SECTION DETAILS

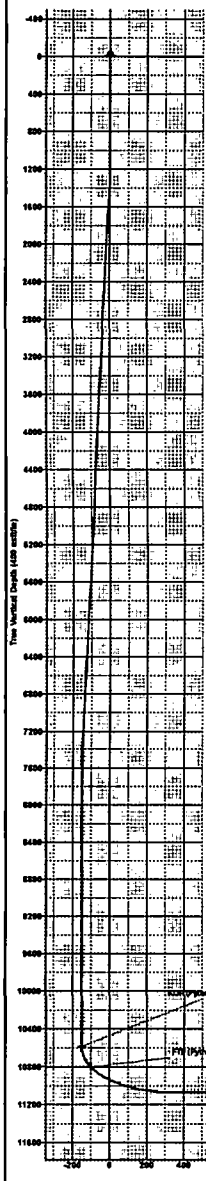
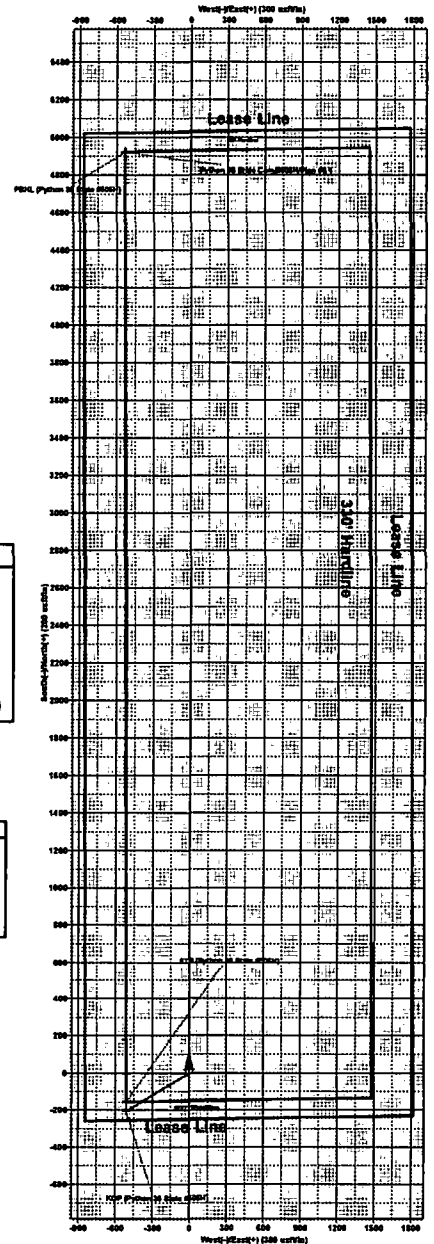
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSeet	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	1200.0	0.00	0.00	1200.0	0.0	0.0	0.00	0.00	0.0	
3	1461.8	5.24	248.14	1461.5	-4.5	-11.1	2.00	248.14	-3.2	
4	7232.0	5.24	248.14	7207.5	-200.5	-499.9	0.00	0.00	-145.7	
5	7493.8	0.00	0.00	7468.0	-205.0	-511.0	2.00	180.00	-148.9	
6	10612.3	0.00	0.00	10587.5	-205.0	-511.0	0.00	0.00	-148.9	KOP (Python 36 State #505H)
7	11362.3	90.00	359.77	11065.0	272.5	-513.0	12.00	359.77	326.0	
8	16012.9	90.00	359.77	11065.0	4923.0	-532.0	0.00	0.00	4951.7	PBHL (Python 36 State #505H)

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 #505H)	10612.3	-205.0	-511.0	425328.00	789780.00
PBHL (Python 36 State #505H)	11065.0	4923.0	-532.0	425337.00	789788.00
FTP (Python 36 State #505H)	10520.2	-155.0	-511.0	425328.00	789780.00



Vertical Section at 353.83° (250 usft/s)

Lea County, NM (NAD 83 NME)
Python 36 State Com #505H
Plan #0.1