



Lea County, NM (NAD 83 NME)

Gem 36 State Com #6H

HP 620

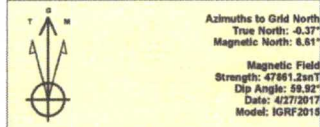
Plan #1

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: #6H

Ground Level: 3399.0
 KB = 25' @ 3424.0usft (HP 620)
 Northing: 393696.00 Easting: 759180.00 Latitude: 32° 4' 49.333 N Longitude: 103° 37' 47.935 W



To convert a Magnetic Direction to a Grid Direction, Add 5.61°
 To convert a Magnetic Direction to a True Direction, Add 6.99° East
 To convert a True Direction to a Grid Direction, Subtract 0.37°

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VFace	Target	Annotation
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	8550.0	0.00	0.00	8450.0	0.0	0.0	0.00	0.00	0.0		
3	8990.0	0.00	155.00	8949.5	-14.2	8.6	2.00	155.00	-14.0		
4	7489.5	0.00	155.00	7400.0	-162.4	71.1	0.00	0.00	-150.3		
5	7705.5	0.00	0.00	7599.5	-166.6	77.7	2.00	190.00	-154.4		
6	8719.1	0.00	0.00	8710.0	-166.6	77.7	0.00	0.00	-184.6		
7	9519.1	90.00	0.00	9283.0	406.3	82.9	10.00	0.00	406.3		
8	14040.0	90.00	0.00	9283.0	406.3	82.9	0.00	0.00	406.3		

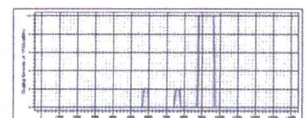
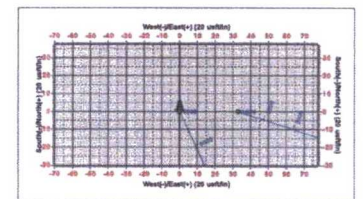
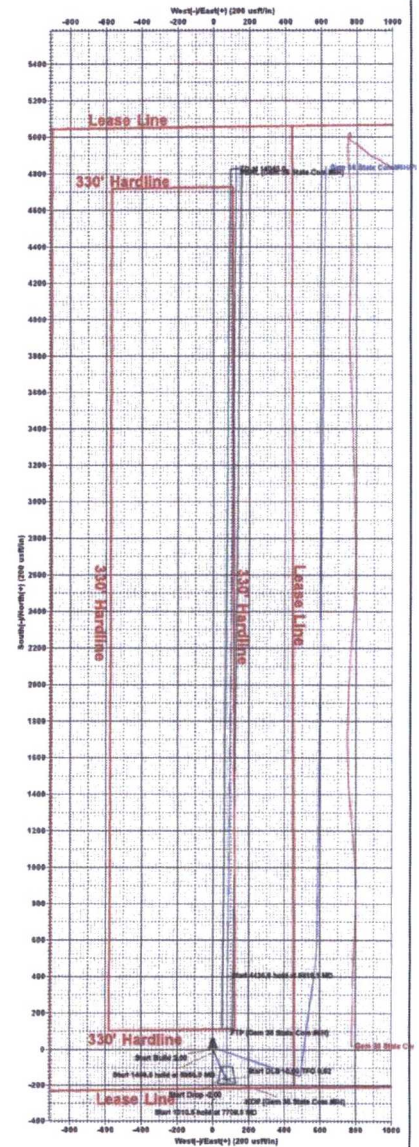
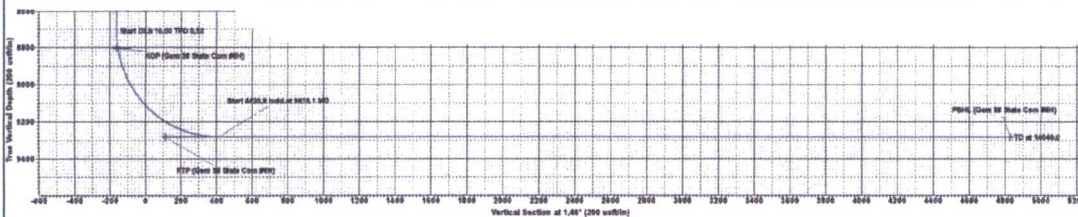
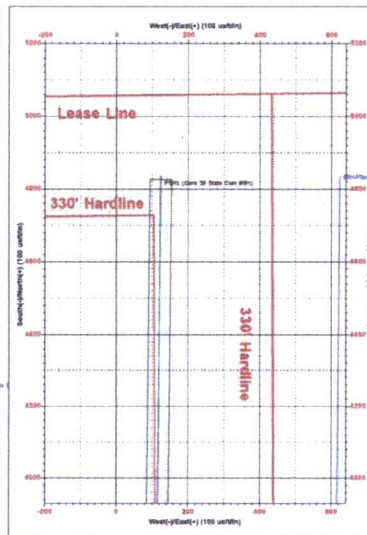
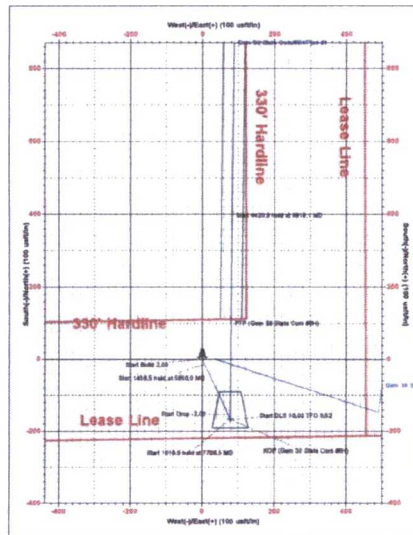
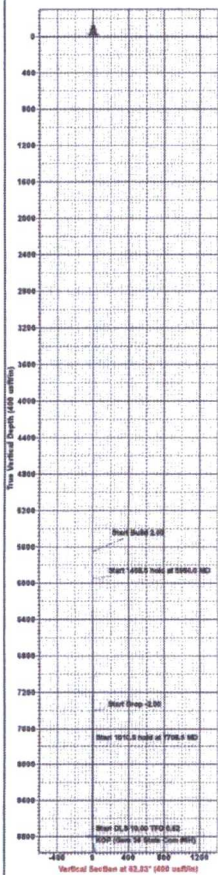
PBHL (Gem 36 State Com #6H)

CASINGS DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
PBHL (Gem 36 State Com #6H)	9283.0	406.3	123.0	393696.00	759180.00
FTP (Gem 36 State Com #6H)	9283.0	111.0	80.0	393797.00	759260.00
KCP (Gem 36 State Com #6H)	8905.5	-166.6	77.7	393519.38	759267.70





EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Gem 36 State Com

#6H

074042

OH

Plan: Plan #1

Standard Planning Report

16 January, 2018

Database:	EDM 5000.14	Local Co-ordinate Reference:	Well #6H
Company:	EOG Resources - Midland	TVD Reference:	KB = 25' @ 3424.0usft (HP 620)
Project:	Lea County, NM (NAD 83 NME)	MD Reference:	KB = 25' @ 3424.0usft (HP 620)
Site:	Gem 36 State Com	North Reference:	Grid
Well:	#6H	Survey Calculation Method:	Minimum Curvature
Wellbore:	OH		
Design:	Plan #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	Gem 36 State Com		
Site Position:		Northing:	393,686.00 usft
From:	Map	Easting:	759,213.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 4' 49.331 N
		Longitude:	103° 37' 47.552 W
		Grid Convergence:	0.37 °

Well	#6H		
Well Position	+N/-S	0.0 usft	Northing: 393,686.00 usft
	+E/-W	-33.0 usft	Easting: 759,180.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	0.0 usft
		Latitude:	32° 4' 49.333 N
		Longitude:	103° 37' 47.935 W
		Ground Level:	3,399.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	4/27/2017	6.99
			Dip Angle (°)
			59.92
			Field Strength (nT)
			47,861.24938621

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)
	0.0	0.0	0.0
			Direction (°)
			1.46

Plan Survey Tool Program	Date 1/16/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name
1	0.0	14,040.0 Plan #1 (OH)	MWD
			MWD - Standard
			Remarks

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	
5,650.0	0.00	0.00	5,650.0	0.0	0.0	0.00	0.00	0.00	0.00	
5,950.0	6.00	155.00	5,949.5	-14.2	6.6	2.00	2.00	0.00	155.00	
7,408.5	6.00	155.00	7,400.0	-152.4	71.1	0.00	0.00	0.00	0.00	
7,708.5	0.00	0.00	7,699.5	-166.6	77.7	2.00	-2.00	0.00	180.00	
8,719.1	0.00	0.00	8,710.0	-166.6	77.7	0.00	0.00	0.00	0.00	
9,619.1	90.00	0.52	9,283.0	406.3	82.9	10.00	10.00	0.06	0.52	
14,040.0	90.00	0.52	9,283.0	4,827.0	123.0	0.00	0.00	0.00	0.00	PBHL (Gem 36 State)



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Gem 36 State Corn
 Well: #6H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Well #6H
 KB = 25' @ 3424.0usft (HP 620)
 KB = 25' @ 3424.0usft (HP 620)
 Grid
 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	0.00	0.00	4,600.0	0.0	0.0	0.0	0.00	0.00	0.00
4,700.0	0.00	0.00	4,700.0	0.0	0.0	0.0	0.00	0.00	0.00
4,800.0	0.00	0.00	4,800.0	0.0	0.0	0.0	0.00	0.00	0.00
4,900.0	0.00	0.00	4,900.0	0.0	0.0	0.0	0.00	0.00	0.00
5,000.0	0.00	0.00	5,000.0	0.0	0.0	0.0	0.00	0.00	0.00
5,100.0	0.00	0.00	5,100.0	0.0	0.0	0.0	0.00	0.00	0.00
5,200.0	0.00	0.00	5,200.0	0.0	0.0	0.0	0.00	0.00	0.00
5,300.0	0.00	0.00	5,300.0	0.0	0.0	0.0	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Gem 36 State Com
Well: #6H
Wellbore: OH
Design: Plan #1

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:

Well #6H
KB = 25' @ 3424.0usft (HP 620)
KB = 25' @ 3424.0usft (HP 620)
Grid
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)
5,400.0	0.00	0.00	5,400.0	0.0	0.0	0.0	0.00	0.00	0.00
5,500.0	0.00	0.00	5,500.0	0.0	0.0	0.0	0.00	0.00	0.00
5,600.0	0.00	0.00	5,600.0	0.0	0.0	0.0	0.00	0.00	0.00
5,650.0	0.00	0.00	5,650.0	0.0	0.0	0.0	0.00	0.00	0.00
5,700.0	1.00	155.00	5,700.0	-0.4	0.2	-0.4	2.00	2.00	0.00
5,800.0	3.00	155.00	5,799.9	-3.6	1.7	-3.5	2.00	2.00	0.00
5,900.0	5.00	155.00	5,899.7	-9.9	4.6	-9.8	2.00	2.00	0.00
5,950.0	6.00	155.00	5,949.5	-14.2	6.6	-14.0	2.00	2.00	0.00
6,000.0	6.00	155.00	5,999.2	-19.0	8.8	-18.7	0.00	0.00	0.00
6,100.0	6.00	155.00	6,098.6	-28.4	13.3	-28.1	0.00	0.00	0.00
6,200.0	6.00	155.00	6,198.1	-37.9	17.7	-37.4	0.00	0.00	0.00
6,300.0	6.00	155.00	6,297.5	-47.4	22.1	-46.8	0.00	0.00	0.00
6,400.0	6.00	155.00	6,397.0	-56.9	26.5	-56.2	0.00	0.00	0.00
6,500.0	6.00	155.00	6,496.4	-66.3	30.9	-65.5	0.00	0.00	0.00
6,600.0	6.00	155.00	6,595.9	-75.8	35.3	-74.9	0.00	0.00	0.00
6,700.0	6.00	155.00	6,695.3	-85.3	39.8	-84.2	0.00	0.00	0.00
6,800.0	6.00	155.00	6,794.8	-94.7	44.2	-93.6	0.00	0.00	0.00
6,900.0	6.00	155.00	6,894.2	-104.2	48.6	-102.9	0.00	0.00	0.00
7,000.0	6.00	155.00	6,993.7	-113.7	53.0	-112.3	0.00	0.00	0.00
7,100.0	6.00	155.00	7,093.2	-123.2	57.4	-121.7	0.00	0.00	0.00
7,200.0	6.00	155.00	7,192.6	-132.6	61.9	-131.0	0.00	0.00	0.00
7,300.0	6.00	155.00	7,292.1	-142.1	66.3	-140.4	0.00	0.00	0.00
7,408.5	6.00	155.00	7,400.0	-152.4	71.1	-150.5	0.00	0.00	0.00
7,500.0	4.17	155.00	7,491.1	-159.7	74.5	-157.8	2.00	-2.00	0.00
7,600.0	2.17	155.00	7,590.9	-164.8	76.8	-162.7	2.00	-2.00	0.00
7,708.5	0.00	0.00	7,699.5	-166.6	77.7	-164.6	2.00	-2.00	0.00
7,800.0	0.00	0.00	7,790.9	-166.6	77.7	-164.6	0.00	0.00	0.00
7,900.0	0.00	0.00	7,890.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,000.0	0.00	0.00	7,990.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,100.0	0.00	0.00	8,090.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,200.0	0.00	0.00	8,190.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,300.0	0.00	0.00	8,290.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,400.0	0.00	0.00	8,390.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,500.0	0.00	0.00	8,490.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,600.0	0.00	0.00	8,590.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,700.0	0.00	0.00	8,690.9	-166.6	77.7	-164.6	0.00	0.00	0.00
8,719.1	0.00	0.00	8,710.0	-166.6	77.7	-164.6	0.00	0.00	0.00
8,750.0	3.09	0.52	8,740.9	-165.8	77.7	-163.8	10.00	10.00	0.00
8,800.0	8.09	0.52	8,790.6	-160.9	77.7	-158.9	10.00	10.00	0.00
8,850.0	13.09	0.52	8,839.8	-151.7	77.8	-149.7	10.00	10.00	0.00
8,900.0	18.09	0.52	8,887.9	-138.3	78.0	-136.3	10.00	10.00	0.00
8,950.0	23.09	0.52	8,934.7	-120.7	78.1	-118.7	10.00	10.00	0.00
9,000.0	28.09	0.52	8,979.8	-99.1	78.3	-97.1	10.00	10.00	0.00
9,050.0	33.09	0.52	9,022.8	-73.7	78.5	-71.7	10.00	10.00	0.00
9,100.0	38.09	0.52	9,063.5	-44.6	78.8	-42.6	10.00	10.00	0.00
9,150.0	43.09	0.52	9,101.4	-12.1	79.1	-10.1	10.00	10.00	0.00
9,200.0	48.09	0.52	9,136.4	23.6	79.4	25.6	10.00	10.00	0.00
9,250.0	53.09	0.52	9,168.1	62.2	79.8	64.3	10.00	10.00	0.00
9,300.0	58.09	0.52	9,196.4	103.5	80.1	105.5	10.00	10.00	0.00
9,350.0	63.09	0.52	9,220.9	147.0	80.5	149.0	10.00	10.00	0.00
9,400.0	68.09	0.52	9,241.6	192.5	81.0	194.5	10.00	10.00	0.00
9,450.0	73.09	0.52	9,258.2	239.7	81.4	241.7	10.00	10.00	0.00
9,500.0	78.09	0.52	9,270.6	288.1	81.8	290.1	10.00	10.00	0.00
9,550.0	83.09	0.52	9,278.8	337.4	82.3	339.4	10.00	10.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Gem 36 State Com
 Well: #6H
 Wellbore: OH
 Design: Plan #1

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:

Well #6H
 KB = 25' @ 3424.0usft (HP 620)
 KB = 25' @ 3424.0usft (HP 620)
 Grid
 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)
9,600.0	88.09	0.52	9,282.6	387.2	82.7	389.2	10.00	10.00	0.00
9,619.1	90.00	0.52	9,283.0	406.3	82.9	408.3	10.00	10.00	0.00
9,700.0	90.00	0.52	9,283.0	487.2	83.6	489.2	0.00	0.00	0.00
9,800.0	90.00	0.52	9,283.0	587.2	84.5	589.2	0.00	0.00	0.00
9,900.0	90.00	0.52	9,283.0	687.2	85.4	689.2	0.00	0.00	0.00
10,000.0	90.00	0.52	9,283.0	787.2	86.4	789.2	0.00	0.00	0.00
10,100.0	90.00	0.52	9,283.0	887.2	87.3	889.1	0.00	0.00	0.00
10,200.0	90.00	0.52	9,283.0	987.2	88.2	989.1	0.00	0.00	0.00
10,300.0	90.00	0.52	9,283.0	1,087.2	89.1	1,089.1	0.00	0.00	0.00
10,400.0	90.00	0.52	9,283.0	1,187.2	90.0	1,189.1	0.00	0.00	0.00
10,500.0	90.00	0.52	9,283.0	1,287.2	90.9	1,289.1	0.00	0.00	0.00
10,600.0	90.00	0.52	9,283.0	1,387.2	91.8	1,389.1	0.00	0.00	0.00
10,700.0	90.00	0.52	9,283.0	1,487.2	92.7	1,489.1	0.00	0.00	0.00
10,800.0	90.00	0.52	9,283.0	1,587.2	93.6	1,589.0	0.00	0.00	0.00
10,900.0	90.00	0.52	9,283.0	1,687.2	94.5	1,689.0	0.00	0.00	0.00
11,000.0	90.00	0.52	9,283.0	1,787.2	95.4	1,789.0	0.00	0.00	0.00
11,100.0	90.00	0.52	9,283.0	1,887.2	96.3	1,889.0	0.00	0.00	0.00
11,200.0	90.00	0.52	9,283.0	1,987.2	97.2	1,989.0	0.00	0.00	0.00
11,300.0	90.00	0.52	9,283.0	2,087.2	98.1	2,089.0	0.00	0.00	0.00
11,400.0	90.00	0.52	9,283.0	2,187.2	99.1	2,189.0	0.00	0.00	0.00
11,500.0	90.00	0.52	9,283.0	2,287.1	100.0	2,289.0	0.00	0.00	0.00
11,600.0	90.00	0.52	9,283.0	2,387.1	100.9	2,388.9	0.00	0.00	0.00
11,700.0	90.00	0.52	9,283.0	2,487.1	101.8	2,488.9	0.00	0.00	0.00
11,800.0	90.00	0.52	9,283.0	2,587.1	102.7	2,588.9	0.00	0.00	0.00
11,900.0	90.00	0.52	9,283.0	2,687.1	103.6	2,688.9	0.00	0.00	0.00
12,000.0	90.00	0.52	9,283.0	2,787.1	104.5	2,788.9	0.00	0.00	0.00
12,100.0	90.00	0.52	9,283.0	2,887.1	105.4	2,888.9	0.00	0.00	0.00
12,200.0	90.00	0.52	9,283.0	2,987.1	106.3	2,988.9	0.00	0.00	0.00
12,300.0	90.00	0.52	9,283.0	3,087.1	107.2	3,088.8	0.00	0.00	0.00
12,400.0	90.00	0.52	9,283.0	3,187.1	108.1	3,188.8	0.00	0.00	0.00
12,500.0	90.00	0.52	9,283.0	3,287.1	109.0	3,288.8	0.00	0.00	0.00
12,600.0	90.00	0.52	9,283.0	3,387.1	109.9	3,388.8	0.00	0.00	0.00
12,700.0	90.00	0.52	9,283.0	3,487.1	110.8	3,488.8	0.00	0.00	0.00
12,800.0	90.00	0.52	9,283.0	3,587.1	111.8	3,588.8	0.00	0.00	0.00
12,900.0	90.00	0.52	9,283.0	3,687.1	112.7	3,688.8	0.00	0.00	0.00
13,000.0	90.00	0.52	9,283.0	3,787.1	113.6	3,788.8	0.00	0.00	0.00
13,100.0	90.00	0.52	9,283.0	3,887.1	114.5	3,888.7	0.00	0.00	0.00
13,200.0	90.00	0.52	9,283.0	3,987.1	115.4	3,988.7	0.00	0.00	0.00
13,300.0	90.00	0.52	9,283.0	4,087.1	116.3	4,088.7	0.00	0.00	0.00
13,400.0	90.00	0.52	9,283.0	4,187.1	117.2	4,188.7	0.00	0.00	0.00
13,500.0	90.00	0.52	9,283.0	4,287.1	118.1	4,288.7	0.00	0.00	0.00
13,600.0	90.00	0.52	9,283.0	4,387.1	119.0	4,388.7	0.00	0.00	0.00
13,700.0	90.00	0.52	9,283.0	4,487.1	119.9	4,488.7	0.00	0.00	0.00
13,800.0	90.00	0.52	9,283.0	4,587.1	120.8	4,588.6	0.00	0.00	0.00
13,900.0	90.00	0.52	9,283.0	4,687.1	121.7	4,688.6	0.00	0.00	0.00
14,000.0	90.00	0.52	9,283.0	4,787.0	122.6	4,788.6	0.00	0.00	0.00
14,040.0	90.00	0.52	9,283.0	4,827.0	123.0	4,828.6	0.00	0.00	0.00

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Design Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
- Shape									
KOP (Gem 36 State Cor	0.00	0.00	8,805.5	-166.6	77.7	393,519.38	759,257.69	32° 4' 47.679 N	103° 37' 47.045 W
- plan misses target center by 7.9usft at 8813.6usft MD (8804.0 TVD, -158.9 N, 77.8 E)									
- Polygon									
Point 1			8,805.5	-25.0	-50.0	393,494.38	759,207.69		
Point 2			8,805.5	75.0	-30.0	393,594.38	759,227.69		
Point 3			8,805.5	75.0	30.0	393,594.38	759,287.69		
Point 4			8,805.5	-25.0	50.0	393,494.38	759,307.69		
FTP (Gem 36 State Cor	0.00	0.01	9,283.0	111.0	80.0	393,797.00	759,260.00	32° 4' 50.426 N	103° 37' 46.997 W
- plan misses target center by 71.7usft at 9349.1usft MD (9220.5 TVD, 146.2 N, 80.5 E)									
- Point									
PBHL (Gem 36 State Cc	90.00	0.52	9,283.0	4,827.0	123.0	398,513.00	759,303.00	32° 5' 37.091 N	103° 37' 46.140 W
- plan hits target center									
- Rectangle (sides W60.0 H0.0 D4,716.0)									