



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Speedy 16 State Com

#301H

OH

Plan: Plan #0.1

Standard Planning Report

30 October, 2018



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Speedy 16 State Com
 Well: #301H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #301H
 TVD Reference: KB = 25 @ 3595.0usft
 MD Reference: KB = 25 @ 3595.0usft
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature

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		Speedy 16 State Com				
Site Position:		Northing:	509,397.00 usft	Latitude:	32° 23' 53.425 N	
From:	Map	Easting:	772,576.00 usft	Longitude:	103° 35' 2.858 W	
Position Uncertainty:		0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.40 °

Well	#301H					
Well Position	+N/-S	-57.0 usft	Northing:	509,340.00 usft	Latitude:	32° 23' 52.766 N
	+E/-W	1,364.0 usft	Easting:	773,940.00 usft	Longitude:	103° 34' 46.955 W
Position Uncertainty		0.0 usft	Wellhead Elevation:		Ground Level:	3,570.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/30/2018	6.82	60.20	47,898.30630310

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	175.12

Plan Survey Tool Program	Date	10/30/2018		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1 0.0	14,796.3	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	
3,000.0	0.00	0.00	3,000.0	0.0	0.0	0.00	0.00	0.00	0.00	
3,217.2	4.34	51.51	3,217.0	5.1	6.4	2.00	2.00	0.00	51.51	
9,171.8	4.34	51.51	9,154.5	285.9	359.6	0.00	0.00	0.00	0.00	
9,389.0	0.00	0.00	9,371.5	291.0	366.0	2.00	-2.00	0.00	180.00	KOP(speedy 16 State
10,289.0	90.00	179.62	9,944.5	-281.9	370.8	10.00	10.00	19.95	179.52	
14,796.3	90.00	179.52	9,944.5	-4,789.0	409.0	0.00	0.00	0.00	0.00	PBHL(speedy 16 Stat



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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)
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	2.00	51.51	3,100.0	1.1	1.4	-1.0	2.00	2.00	0.00
3,200.0	4.00	51.51	3,199.8	4.3	5.5	-3.9	2.00	2.00	0.00
3,217.2	4.34	51.51	3,217.0	5.1	6.4	-4.6	2.00	2.00	0.00
3,300.0	4.34	51.51	3,299.6	9.0	11.4	-8.0	0.00	0.00	0.00
3,400.0	4.34	51.51	3,399.3	13.7	17.3	-12.2	0.00	0.00	0.00
3,500.0	4.34	51.51	3,499.0	18.5	23.2	-16.4	0.00	0.00	0.00
3,600.0	4.34	51.51	3,598.7	23.2	29.1	-20.6	0.00	0.00	0.00
3,700.0	4.34	51.51	3,698.4	27.9	35.1	-24.8	0.00	0.00	0.00
3,800.0	4.34	51.51	3,798.1	32.6	41.0	-29.0	0.00	0.00	0.00
3,900.0	4.34	51.51	3,897.8	37.3	46.9	-33.2	0.00	0.00	0.00
4,000.0	4.34	51.51	3,997.5	42.0	52.9	-37.4	0.00	0.00	0.00
4,100.0	4.34	51.51	4,097.3	46.7	58.8	-41.6	0.00	0.00	0.00
4,200.0	4.34	51.51	4,197.0	51.5	64.7	-45.8	0.00	0.00	0.00
4,300.0	4.34	51.51	4,296.7	56.2	70.7	-50.0	0.00	0.00	0.00
4,400.0	4.34	51.51	4,396.4	60.9	76.6	-54.2	0.00	0.00	0.00
4,500.0	4.34	51.51	4,496.1	65.6	82.5	-58.3	0.00	0.00	0.00
4,600.0	4.34	51.51	4,595.8	70.3	88.4	-62.5	0.00	0.00	0.00
4,700.0	4.34	51.51	4,695.5	75.0	94.4	-66.7	0.00	0.00	0.00
4,800.0	4.34	51.51	4,795.2	79.7	100.3	-70.9	0.00	0.00	0.00
4,900.0	4.34	51.51	4,895.0	84.5	106.2	-75.1	0.00	0.00	0.00
5,000.0	4.34	51.51	4,994.7	89.2	112.2	-79.3	0.00	0.00	0.00
5,100.0	4.34	51.51	5,094.4	93.9	118.1	-83.5	0.00	0.00	0.00
5,200.0	4.34	51.51	5,194.1	98.6	124.0	-87.7	0.00	0.00	0.00



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5,300.0	4.34	51.51	5,293.8	103.3	130.0	-91.9	0.00	0.00	0.00
5,400.0	4.34	51.51	5,393.5	108.0	135.9	-96.1	0.00	0.00	0.00
5,500.0	4.34	51.51	5,493.2	112.8	141.8	-100.3	0.00	0.00	0.00
5,600.0	4.34	51.51	5,592.9	117.5	147.7	-104.5	0.00	0.00	0.00
5,700.0	4.34	51.51	5,692.7	122.2	153.7	-108.7	0.00	0.00	0.00
5,800.0	4.34	51.51	5,792.4	126.9	159.6	-112.9	0.00	0.00	0.00
5,900.0	4.34	51.51	5,892.1	131.6	165.5	-117.1	0.00	0.00	0.00
6,000.0	4.34	51.51	5,991.8	136.3	171.5	-121.2	0.00	0.00	0.00
6,100.0	4.34	51.51	6,091.5	141.0	177.4	-125.4	0.00	0.00	0.00
6,200.0	4.34	51.51	6,191.2	145.8	183.3	-129.6	0.00	0.00	0.00
6,300.0	4.34	51.51	6,290.9	150.5	189.3	-133.8	0.00	0.00	0.00
6,400.0	4.34	51.51	6,390.6	155.2	195.2	-138.0	0.00	0.00	0.00
6,500.0	4.34	51.51	6,490.4	159.9	201.1	-142.2	0.00	0.00	0.00
6,600.0	4.34	51.51	6,590.1	164.6	207.0	-146.4	0.00	0.00	0.00
6,700.0	4.34	51.51	6,689.8	169.3	213.0	-150.6	0.00	0.00	0.00
6,800.0	4.34	51.51	6,789.5	174.0	218.9	-154.8	0.00	0.00	0.00
6,900.0	4.34	51.51	6,889.2	178.8	224.8	-159.0	0.00	0.00	0.00
7,000.0	4.34	51.51	6,988.9	183.5	230.8	-163.2	0.00	0.00	0.00
7,100.0	4.34	51.51	7,088.6	188.2	236.7	-167.4	0.00	0.00	0.00
7,200.0	4.34	51.51	7,188.3	192.9	242.6	-171.6	0.00	0.00	0.00
7,300.0	4.34	51.51	7,288.1	197.6	248.6	-175.8	0.00	0.00	0.00
7,400.0	4.34	51.51	7,387.8	202.3	254.5	-179.9	0.00	0.00	0.00
7,500.0	4.34	51.51	7,487.5	207.1	260.4	-184.1	0.00	0.00	0.00
7,600.0	4.34	51.51	7,587.2	211.8	266.3	-188.3	0.00	0.00	0.00
7,700.0	4.34	51.51	7,686.9	216.5	272.3	-192.5	0.00	0.00	0.00
7,800.0	4.34	51.51	7,786.6	221.2	278.2	-196.7	0.00	0.00	0.00
7,900.0	4.34	51.51	7,886.3	225.9	284.1	-200.9	0.00	0.00	0.00
8,000.0	4.34	51.51	7,986.0	230.6	290.1	-205.1	0.00	0.00	0.00
8,100.0	4.34	51.51	8,085.8	235.3	296.0	-209.3	0.00	0.00	0.00
8,200.0	4.34	51.51	8,185.5	240.1	301.9	-213.5	0.00	0.00	0.00
8,300.0	4.34	51.51	8,285.2	244.8	307.9	-217.7	0.00	0.00	0.00
8,400.0	4.34	51.51	8,384.9	249.5	313.8	-221.9	0.00	0.00	0.00
8,500.0	4.34	51.51	8,484.6	254.2	319.7	-226.1	0.00	0.00	0.00
8,600.0	4.34	51.51	8,584.3	258.9	325.6	-230.3	0.00	0.00	0.00
8,700.0	4.34	51.51	8,684.0	263.6	331.6	-234.5	0.00	0.00	0.00
8,800.0	4.34	51.51	8,783.7	268.3	337.5	-238.7	0.00	0.00	0.00
8,900.0	4.34	51.51	8,883.5	273.1	343.4	-242.8	0.00	0.00	0.00
9,000.0	4.34	51.51	8,983.2	277.8	349.4	-247.0	0.00	0.00	0.00
9,100.0	4.34	51.51	9,082.9	282.5	355.3	-251.2	0.00	0.00	0.00
9,171.8	4.34	51.51	9,154.5	285.9	359.6	-254.2	0.00	0.00	0.00
9,200.0	3.78	51.51	9,182.6	287.1	361.1	-255.3	2.00	-2.00	0.00
9,300.0	1.78	51.51	9,282.5	290.1	364.9	-258.0	2.00	-2.00	0.00
9,389.0	0.00	0.00	9,371.5	291.0	366.0	-258.8	2.00	-2.00	0.00
KOP(speedy 16 State Com #301H)									
9,400.0	1.10	179.52	9,382.5	290.9	366.0	-258.7	10.00	10.00	0.00
9,450.0	6.10	179.52	9,432.4	287.8	366.0	-255.6	10.00	10.00	0.00
9,500.0	11.10	179.52	9,481.8	280.3	366.1	-248.1	10.00	10.00	0.00
9,550.0	16.10	179.52	9,530.4	268.5	366.2	-236.4	10.00	10.00	0.00
9,600.0	21.10	179.52	9,577.7	252.6	366.3	-220.5	10.00	10.00	0.00
9,650.0	26.10	179.52	9,623.5	232.6	366.5	-200.6	10.00	10.00	0.00
9,700.0	31.10	179.52	9,667.4	208.7	366.7	-176.7	10.00	10.00	0.00
9,750.0	36.10	179.52	9,709.1	181.0	366.9	-149.1	10.00	10.00	0.00
9,800.0	41.10	179.52	9,748.1	149.8	367.2	-118.0	10.00	10.00	0.00



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9,844.9	45.58	179.52	9,780.8	119.0	367.5	-87.3	10.00	10.00	0.00
FTP(speedy 16 State Com #301H)									
9,850.0	46.10	179.52	9,784.3	115.4	367.5	-83.7	10.00	10.00	0.00
9,900.0	51.10	179.52	9,817.4	77.9	367.8	-46.3	10.00	10.00	0.00
9,950.0	56.10	179.52	9,847.0	37.6	368.1	-6.2	10.00	10.00	0.00
10,000.0	61.10	179.52	9,873.1	-5.0	368.5	36.4	10.00	10.00	0.00
10,050.0	66.10	179.52	9,895.3	-49.8	368.9	81.0	10.00	10.00	0.00
10,100.0	71.10	179.52	9,913.6	-96.3	369.3	127.4	10.00	10.00	0.00
10,150.0	76.10	179.52	9,927.7	-144.3	369.7	175.2	10.00	10.00	0.00
10,200.0	81.10	179.52	9,937.6	-193.3	370.1	224.1	10.00	10.00	0.00
10,250.0	86.10	179.52	9,943.1	-242.9	370.5	273.6	10.00	10.00	0.00
10,289.0	90.00	179.52	9,944.5	-281.9	370.8	312.5	10.00	10.00	0.00
10,300.0	90.00	179.52	9,944.5	-292.9	370.9	323.4	0.00	0.00	0.00
10,400.0	90.00	179.52	9,944.5	-392.9	371.8	423.1	0.00	0.00	0.00
10,500.0	90.00	179.52	9,944.5	-492.9	372.6	522.8	0.00	0.00	0.00
10,600.0	90.00	179.52	9,944.5	-592.9	373.5	622.5	0.00	0.00	0.00
10,700.0	90.00	179.52	9,944.5	-692.9	374.3	722.2	0.00	0.00	0.00
10,800.0	90.00	179.52	9,944.5	-792.9	375.2	821.9	0.00	0.00	0.00
10,900.0	90.00	179.52	9,944.5	-892.9	376.0	921.6	0.00	0.00	0.00
11,000.0	90.00	179.52	9,944.5	-992.9	376.9	1,021.4	0.00	0.00	0.00
11,100.0	90.00	179.52	9,944.5	-1,092.9	377.7	1,121.1	0.00	0.00	0.00
11,200.0	90.00	179.52	9,944.5	-1,192.9	378.6	1,220.8	0.00	0.00	0.00
11,300.0	90.00	179.52	9,944.5	-1,292.9	379.4	1,320.5	0.00	0.00	0.00
11,400.0	90.00	179.52	9,944.5	-1,392.9	380.3	1,420.2	0.00	0.00	0.00
11,500.0	90.00	179.52	9,944.5	-1,492.9	381.1	1,519.9	0.00	0.00	0.00
11,600.0	90.00	179.52	9,944.5	-1,592.9	381.9	1,619.6	0.00	0.00	0.00
11,700.0	90.00	179.52	9,944.5	-1,692.9	382.8	1,719.3	0.00	0.00	0.00
11,800.0	90.00	179.52	9,944.5	-1,792.9	383.6	1,819.0	0.00	0.00	0.00
11,900.0	90.00	179.52	9,944.5	-1,892.9	384.5	1,918.7	0.00	0.00	0.00
12,000.0	90.00	179.52	9,944.5	-1,992.8	385.3	2,018.4	0.00	0.00	0.00
12,100.0	90.00	179.52	9,944.5	-2,092.8	386.2	2,118.1	0.00	0.00	0.00
12,200.0	90.00	179.52	9,944.5	-2,192.8	387.0	2,217.8	0.00	0.00	0.00
12,300.0	90.00	179.52	9,944.5	-2,292.8	387.9	2,317.5	0.00	0.00	0.00
12,400.0	90.00	179.52	9,944.5	-2,392.8	388.7	2,417.2	0.00	0.00	0.00
12,500.0	90.00	179.52	9,944.5	-2,492.8	389.6	2,516.9	0.00	0.00	0.00
12,600.0	90.00	179.52	9,944.5	-2,592.8	390.4	2,616.6	0.00	0.00	0.00
12,700.0	90.00	179.52	9,944.5	-2,692.8	391.3	2,716.3	0.00	0.00	0.00
12,800.0	90.00	179.52	9,944.5	-2,792.8	392.1	2,816.1	0.00	0.00	0.00
12,900.0	90.00	179.52	9,944.5	-2,892.8	392.9	2,915.8	0.00	0.00	0.00
13,000.0	90.00	179.52	9,944.5	-2,992.8	393.8	3,015.5	0.00	0.00	0.00
13,100.0	90.00	179.52	9,944.5	-3,092.8	394.6	3,115.2	0.00	0.00	0.00
13,200.0	90.00	179.52	9,944.5	-3,192.8	395.5	3,214.9	0.00	0.00	0.00
13,300.0	90.00	179.52	9,944.5	-3,292.8	396.3	3,314.6	0.00	0.00	0.00
13,400.0	90.00	179.52	9,944.5	-3,392.8	397.2	3,414.3	0.00	0.00	0.00
13,500.0	90.00	179.52	9,944.5	-3,492.8	398.0	3,514.0	0.00	0.00	0.00
13,600.0	90.00	179.52	9,944.5	-3,592.8	398.9	3,613.7	0.00	0.00	0.00
13,700.0	90.00	179.52	9,944.5	-3,692.8	399.7	3,713.4	0.00	0.00	0.00
13,800.0	90.00	179.52	9,944.5	-3,792.8	400.6	3,813.1	0.00	0.00	0.00
13,900.0	90.00	179.52	9,944.5	-3,892.8	401.4	3,912.8	0.00	0.00	0.00
14,000.0	90.00	179.52	9,944.5	-3,992.8	402.3	4,012.5	0.00	0.00	0.00
14,100.0	90.00	179.52	9,944.5	-4,092.8	403.1	4,112.2	0.00	0.00	0.00
14,200.0	90.00	179.52	9,944.5	-4,192.8	404.0	4,211.9	0.00	0.00	0.00
14,300.0	90.00	179.52	9,944.5	-4,292.8	404.8	4,311.6	0.00	0.00	0.00
14,400.0	90.00	179.52	9,944.5	-4,392.8	405.6	4,411.3	0.00	0.00	0.00



Planning Report

Database: EDM 5000.14
 Company: EOG Resources - Midland
 Project: Lea County, NM (NAD 83 NME)
 Site: Speedy 16 State Com
 Well: #301H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #301H
 TVD Reference: KB = 25 @ 3595.0usft
 MD Reference: KB = 25 @ 3595.0usft
 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)
14,500.0	90.00	179.52	9,944.5	-4,492.8	406.5	4,511.1	0.00	0.00	0.00
14,600.0	90.00	179.52	9,944.5	-4,592.8	407.3	4,610.8	0.00	0.00	0.00
14,700.0	90.00	179.52	9,944.5	-4,692.7	408.2	4,710.5	0.00	0.00	0.00
14,796.3	90.00	179.52	9,944.5	-4,789.0	409.0	4,806.4	0.00	0.00	0.00

PBHL(speedy 16 State Com #301H)

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(speedy 16 State Co - plan hits target center - Point	0.00	0.00	9,371.5	291.0	366.0	509,631.00	774,306.00	32° 23' 55.620 N	103° 34' 42.662 W
PBHL(speedy 16 State Co - plan hits target center - Point	0.00	0.00	9,944.5	-4,789.0	409.0	504,551.00	774,349.00	32° 23' 5.351 N	103° 34' 42.579 W
FTP(speedy 16 State Co - plan misses target center by 237.5usft at 9844.9usft MD (9780.8 TVD, 119.0 N, 367.5 E) - Point	0.00	0.00	9,944.5	291.0	366.0	509,631.00	774,306.00	32° 23' 55.620 N	103° 34' 42.662 W



Lea County, NM (NAD 83 NME)

Speedy 16 State Com #301H

Plan #0.1



Azimuths to Grid North
True North: -2.40°
Magnetic North: 6.42°
Magnetic Field
Strength: 47,995.32nT
Dip Angle: 60.20°
Date: 10/30/2018
Model: IGRF2016

To convert a Magnetic Direction to a Grid Direction: Add 6.42°
To convert a Magnetic Direction to a True Direction: Add 6.42° East
To convert a True Direction to a Grid Direction: Subtract 6.40°

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: #301H

KB ~ 25 @ 3595.5ush
Northing: 509345.00
Easting: 773940.00
Latitude: 32° 23' 52.766 N
Longitude: 103° 34' 45.955 W

SECTION DETAILS

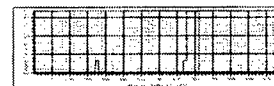
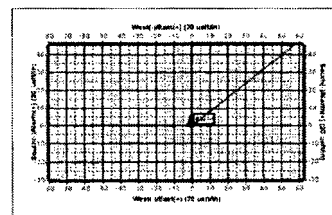
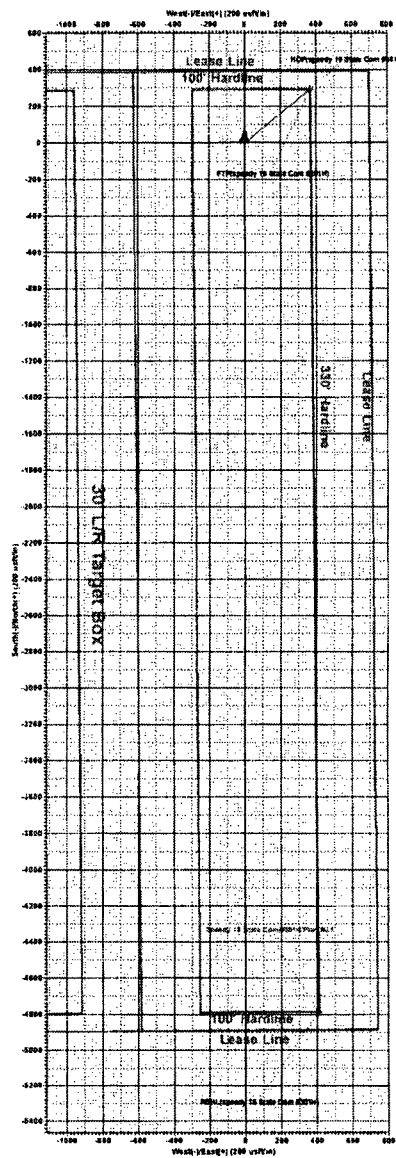
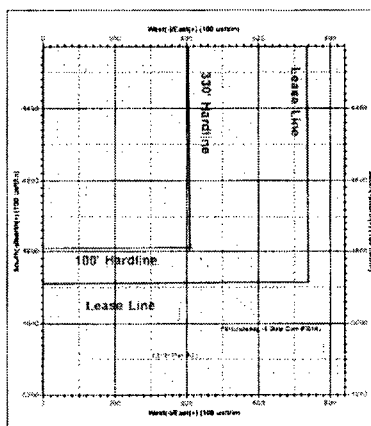
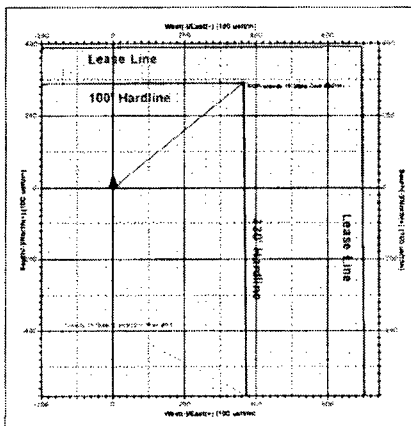
Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dleg	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00	0.0	
3	3217.2	4.34	51.81	3217.0	5.1	6.4	2.00	51.81	-4.6	
4	9171.8	4.34	51.51	9154.5	280.9	359.6	0.00	0.00	-254.2	
5	9389.0	0.00	0.00	9371.5	291.0	364.0	2.00	160.00	-258.8	KOP(speedy 16 State Com #301H)
6	10289.0	90.00	179.52	9944.5	-381.9	370.9	10.00	179.52	312.5	
7	14796.3	90.00	179.52	9944.5	-4739.0	409.0	0.00	0.00	4806.4	PBHL(speedy 16 State Com #301H)

CASING DETAILS

(if casing data is available)

WELLBORE TARGET DETAILS (MAP COORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
KOP(speedy 16 State Com #301H)	9371.5	291.0	364.0	909631.00	774306.00
PTP(speedy 16 State Com #301H)	9844.5	291.0	366.0	909631.00	774306.00
PBHL(speedy 16 State Com #301H)	9844.5	-4739.0	409.0	904551.00	774349.00



WELLBORE TARGET DETAILS (MAP COORDINATES)