

30-025-45324



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Speedy 16 State Com

#202H

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: #202H
 Wellbore: OH
 Design: Plan #0.1

Local Co-ordinate Reference: Well #202H
 TVD Reference: KB = 25 @ 3602.0usft
 MD Reference: KB = 25 @ 3602.0usft
 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	#202H					
Well Position	+N/-S	1.0 usft	Northing:	509,398.00 usft	Latitude:	32° 23' 53.432 N
	+E/-W	33.0 usft	Easting:	772,609.00 usft	Longitude:	103° 35' 2.473 W
Position Uncertainty	0.0 usft		Wellhead Elevation:		Ground Level:	3,577.0 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	10/30/2018	6.82	60.20	47,897.91398158

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	175.10	

Plan Survey Tool Program	Date 10/30/2018				
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1 0.0	14,363.7	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	
3,236.3	4.73	53.62	3,236.0	5.8	7.8	2.00	2.00	0.00	53.62	
8,669.2	4.73	53.62	8,650.5	271.2	368.2	0.00	0.00	0.00	0.00	
8,905.5	0.00	0.01	8,886.5	277.0	376.0	2.00	-2.00	0.00	180.00	KOP(speedy 16 State
9,805.5	90.00	179.55	9,459.5	-295.9	380.5	10.00	10.00	19.95	179.55	
14,363.7	90.00	179.55	9,459.5	-4,854.0	416.0	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	53.62	3,100.0	1.0	1.4	-0.9	2.00	2.00	0.00
3,200.0	4.00	53.62	3,199.8	4.1	5.6	-3.6	2.00	2.00	0.00
3,236.3	4.73	53.62	3,236.0	5.8	7.8	-5.1	2.00	2.00	0.00
3,300.0	4.73	53.62	3,299.5	8.9	12.1	-7.8	0.00	0.00	0.00
3,400.0	4.73	53.62	3,399.2	13.8	18.7	-12.1	0.00	0.00	0.00
3,500.0	4.73	53.62	3,498.8	18.7	25.3	-16.4	0.00	0.00	0.00
3,600.0	4.73	53.62	3,598.5	23.5	32.0	-20.7	0.00	0.00	0.00
3,700.0	4.73	53.62	3,698.2	28.4	38.6	-25.0	0.00	0.00	0.00
3,800.0	4.73	53.62	3,797.8	33.3	45.2	-29.3	0.00	0.00	0.00
3,900.0	4.73	53.62	3,897.5	38.2	51.9	-33.6	0.00	0.00	0.00
4,000.0	4.73	53.62	3,997.1	43.1	58.5	-37.9	0.00	0.00	0.00
4,100.0	4.73	53.62	4,096.8	48.0	65.1	-42.2	0.00	0.00	0.00
4,200.0	4.73	53.62	4,196.5	52.9	71.8	-46.5	0.00	0.00	0.00
4,300.0	4.73	53.62	4,296.1	57.7	78.4	-50.8	0.00	0.00	0.00
4,400.0	4.73	53.62	4,395.8	62.6	85.0	-55.1	0.00	0.00	0.00
4,500.0	4.73	53.62	4,495.4	67.5	91.7	-59.4	0.00	0.00	0.00
4,600.0	4.73	53.62	4,595.1	72.4	98.3	-63.7	0.00	0.00	0.00
4,700.0	4.73	53.62	4,694.8	77.3	104.9	-68.1	0.00	0.00	0.00
4,800.0	4.73	53.62	4,794.4	82.2	111.5	-72.4	0.00	0.00	0.00
4,900.0	4.73	53.62	4,894.1	87.1	118.2	-76.7	0.00	0.00	0.00
5,000.0	4.73	53.62	4,993.7	91.9	124.8	-81.0	0.00	0.00	0.00
5,100.0	4.73	53.62	5,093.4	96.8	131.4	-85.3	0.00	0.00	0.00
5,200.0	4.73	53.62	5,193.1	101.7	138.1	-89.6	0.00	0.00	0.00



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5,300.0	4.73	53.62	5,292.7	106.6	144.7	-93.9	0.00	0.00	0.00
5,400.0	4.73	53.62	5,392.4	111.5	151.3	-98.2	0.00	0.00	0.00
5,500.0	4.73	53.62	5,492.0	116.4	158.0	-102.5	0.00	0.00	0.00
5,600.0	4.73	53.62	5,591.7	121.3	164.6	-106.8	0.00	0.00	0.00
5,700.0	4.73	53.62	5,691.4	126.2	171.2	-111.1	0.00	0.00	0.00
5,800.0	4.73	53.62	5,791.0	131.0	177.9	-115.4	0.00	0.00	0.00
5,900.0	4.73	53.62	5,890.7	135.9	184.5	-119.7	0.00	0.00	0.00
6,000.0	4.73	53.62	5,990.3	140.8	191.1	-124.0	0.00	0.00	0.00
6,100.0	4.73	53.62	6,090.0	145.7	197.8	-128.3	0.00	0.00	0.00
6,200.0	4.73	53.62	6,189.7	150.6	204.4	-132.6	0.00	0.00	0.00
6,300.0	4.73	53.62	6,289.3	155.5	211.0	-136.9	0.00	0.00	0.00
6,400.0	4.73	53.62	6,389.0	160.4	217.7	-141.2	0.00	0.00	0.00
6,500.0	4.73	53.62	6,488.6	165.2	224.3	-145.5	0.00	0.00	0.00
6,600.0	4.73	53.62	6,588.3	170.1	230.9	-149.8	0.00	0.00	0.00
6,700.0	4.73	53.62	6,688.0	175.0	237.6	-154.1	0.00	0.00	0.00
6,800.0	4.73	53.62	6,787.6	179.9	244.2	-158.4	0.00	0.00	0.00
6,900.0	4.73	53.62	6,887.3	184.8	250.8	-162.7	0.00	0.00	0.00
7,000.0	4.73	53.62	6,986.9	189.7	257.5	-167.0	0.00	0.00	0.00
7,100.0	4.73	53.62	7,086.6	194.6	264.1	-171.3	0.00	0.00	0.00
7,200.0	4.73	53.62	7,186.3	199.4	270.7	-175.6	0.00	0.00	0.00
7,300.0	4.73	53.62	7,285.9	204.3	277.4	-179.9	0.00	0.00	0.00
7,400.0	4.73	53.62	7,385.6	209.2	284.0	-184.2	0.00	0.00	0.00
7,500.0	4.73	53.62	7,485.2	214.1	290.6	-188.5	0.00	0.00	0.00
7,600.0	4.73	53.62	7,584.9	219.0	297.2	-192.8	0.00	0.00	0.00
7,700.0	4.73	53.62	7,684.6	223.9	303.9	-197.1	0.00	0.00	0.00
7,800.0	4.73	53.62	7,784.2	228.8	310.5	-201.4	0.00	0.00	0.00
7,900.0	4.73	53.62	7,883.9	233.6	317.1	-205.7	0.00	0.00	0.00
8,000.0	4.73	53.62	7,983.5	238.5	323.8	-210.0	0.00	0.00	0.00
8,100.0	4.73	53.62	8,083.2	243.4	330.4	-214.3	0.00	0.00	0.00
8,200.0	4.73	53.62	8,182.9	248.3	337.0	-218.6	0.00	0.00	0.00
8,300.0	4.73	53.62	8,282.5	253.2	343.7	-222.9	0.00	0.00	0.00
8,400.0	4.73	53.62	8,382.2	258.1	350.3	-227.2	0.00	0.00	0.00
8,500.0	4.73	53.62	8,481.8	263.0	356.9	-231.5	0.00	0.00	0.00
8,600.0	4.73	53.62	8,581.5	267.8	363.6	-235.8	0.00	0.00	0.00
8,669.2	4.73	53.62	8,650.5	271.2	368.2	-238.8	0.00	0.00	0.00
8,700.0	4.11	53.62	8,681.2	272.6	370.1	-240.0	2.00	-2.00	0.00
8,800.0	2.11	53.62	8,781.0	275.8	374.4	-242.9	2.00	-2.00	0.00
8,905.5	0.00	0.01	8,886.5	277.0	376.0	-243.9	2.00	-2.00	0.00
KOP(speedy 16 State Com #202H)									
8,950.0	4.45	179.55	8,931.0	275.3	376.0	-242.2	10.00	10.00	0.00
9,000.0	9.45	179.55	8,980.6	269.2	376.1	-236.1	10.00	10.00	0.00
9,050.0	14.45	179.55	9,029.5	258.9	376.1	-225.8	10.00	10.00	0.00
9,100.0	19.45	179.55	9,077.3	244.3	376.3	-211.3	10.00	10.00	0.00
9,150.0	24.45	179.55	9,123.6	225.6	376.4	-192.7	10.00	10.00	0.00
9,200.0	29.45	179.55	9,168.2	203.0	376.6	-170.1	10.00	10.00	0.00
9,250.0	34.45	179.55	9,210.6	176.5	376.8	-143.7	10.00	10.00	0.00
9,300.0	39.45	179.55	9,250.6	146.5	377.0	-113.7	10.00	10.00	0.00
9,350.0	44.45	179.55	9,287.7	113.1	377.3	-80.4	10.00	10.00	0.00
9,384.0	47.85	179.55	9,311.3	88.5	377.5	-56.0	10.00	10.00	0.00
FTP(speedy 16 State Com #202H)									
9,400.0	49.45	179.55	9,321.9	76.5	377.6	-44.0	10.00	10.00	0.00
9,450.0	54.45	179.55	9,352.7	37.2	377.9	-4.8	10.00	10.00	0.00
9,500.0	59.45	179.55	9,379.9	-4.7	378.2	37.0	10.00	10.00	0.00



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9,550.0	64.45	179.55	9,403.4	-48.8	378.5	81.0	10.00	10.00	0.00
9,600.0	69.45	179.55	9,423.0	-94.8	378.9	126.8	10.00	10.00	0.00
9,650.0	74.45	179.55	9,438.5	-142.3	379.3	174.2	10.00	10.00	0.00
9,700.0	79.45	179.55	9,449.8	-191.0	379.6	222.8	10.00	10.00	0.00
9,750.0	84.45	179.55	9,456.8	-240.5	380.0	272.1	10.00	10.00	0.00
9,800.0	89.45	179.55	9,459.4	-290.4	380.4	321.9	10.00	10.00	0.00
9,805.5	90.00	179.55	9,459.5	-295.9	380.5	327.3	10.00	10.00	0.00
9,900.0	90.00	179.55	9,459.5	-390.4	381.2	421.6	0.00	0.00	0.00
10,000.0	90.00	179.55	9,459.5	-490.4	382.0	521.3	0.00	0.00	0.00
10,100.0	90.00	179.55	9,459.5	-590.4	382.8	621.0	0.00	0.00	0.00
10,200.0	90.00	179.55	9,459.5	-690.4	383.5	720.7	0.00	0.00	0.00
10,300.0	90.00	179.55	9,459.5	-790.4	384.3	820.4	0.00	0.00	0.00
10,400.0	90.00	179.55	9,459.5	-890.4	385.1	920.1	0.00	0.00	0.00
10,500.0	90.00	179.55	9,459.5	-990.4	385.9	1,019.8	0.00	0.00	0.00
10,600.0	90.00	179.55	9,459.5	-1,090.4	386.7	1,119.5	0.00	0.00	0.00
10,700.0	90.00	179.55	9,459.5	-1,190.4	387.4	1,219.1	0.00	0.00	0.00
10,800.0	90.00	179.55	9,459.5	-1,290.4	388.2	1,318.8	0.00	0.00	0.00
10,900.0	90.00	179.55	9,459.5	-1,390.4	389.0	1,418.5	0.00	0.00	0.00
11,000.0	90.00	179.55	9,459.5	-1,490.4	389.8	1,518.2	0.00	0.00	0.00
11,100.0	90.00	179.55	9,459.5	-1,590.4	390.6	1,617.9	0.00	0.00	0.00
11,200.0	90.00	179.55	9,459.5	-1,690.4	391.3	1,717.6	0.00	0.00	0.00
11,300.0	90.00	179.55	9,459.5	-1,790.4	392.1	1,817.3	0.00	0.00	0.00
11,400.0	90.00	179.55	9,459.5	-1,890.4	392.9	1,917.0	0.00	0.00	0.00
11,500.0	90.00	179.55	9,459.5	-1,990.4	393.7	2,016.7	0.00	0.00	0.00
11,600.0	90.00	179.55	9,459.5	-2,090.4	394.5	2,116.4	0.00	0.00	0.00
11,700.0	90.00	179.55	9,459.5	-2,190.4	395.2	2,216.1	0.00	0.00	0.00
11,800.0	90.00	179.55	9,459.5	-2,290.4	396.0	2,315.8	0.00	0.00	0.00
11,900.0	90.00	179.55	9,459.5	-2,390.4	396.8	2,415.5	0.00	0.00	0.00
12,000.0	90.00	179.55	9,459.5	-2,490.4	397.6	2,515.2	0.00	0.00	0.00
12,100.0	90.00	179.55	9,459.5	-2,590.4	398.4	2,614.9	0.00	0.00	0.00
12,200.0	90.00	179.55	9,459.5	-2,690.4	399.1	2,714.6	0.00	0.00	0.00
12,300.0	90.00	179.55	9,459.5	-2,790.4	399.9	2,814.3	0.00	0.00	0.00
12,400.0	90.00	179.55	9,459.5	-2,890.4	400.7	2,914.0	0.00	0.00	0.00
12,500.0	90.00	179.55	9,459.5	-2,990.4	401.5	3,013.7	0.00	0.00	0.00
12,600.0	90.00	179.55	9,459.5	-3,090.4	402.3	3,113.4	0.00	0.00	0.00
12,700.0	90.00	179.55	9,459.5	-3,190.4	403.0	3,213.1	0.00	0.00	0.00
12,800.0	90.00	179.55	9,459.5	-3,290.3	403.8	3,312.8	0.00	0.00	0.00
12,900.0	90.00	179.55	9,459.5	-3,390.3	404.6	3,412.5	0.00	0.00	0.00
13,000.0	90.00	179.55	9,459.5	-3,490.3	405.4	3,512.2	0.00	0.00	0.00
13,100.0	90.00	179.55	9,459.5	-3,590.3	406.1	3,611.9	0.00	0.00	0.00
13,200.0	90.00	179.55	9,459.5	-3,690.3	406.9	3,711.6	0.00	0.00	0.00
13,300.0	90.00	179.55	9,459.5	-3,790.3	407.7	3,811.3	0.00	0.00	0.00
13,400.0	90.00	179.55	9,459.5	-3,890.3	408.5	3,911.0	0.00	0.00	0.00
13,500.0	90.00	179.55	9,459.5	-3,990.3	409.3	4,010.7	0.00	0.00	0.00
13,600.0	90.00	179.55	9,459.5	-4,090.3	410.0	4,110.4	0.00	0.00	0.00
13,700.0	90.00	179.55	9,459.5	-4,190.3	410.8	4,210.1	0.00	0.00	0.00
13,800.0	90.00	179.55	9,459.5	-4,290.3	411.6	4,309.8	0.00	0.00	0.00
13,900.0	90.00	179.55	9,459.5	-4,390.3	412.4	4,409.5	0.00	0.00	0.00
14,000.0	90.00	179.55	9,459.5	-4,490.3	413.2	4,509.2	0.00	0.00	0.00
14,100.0	90.00	179.55	9,459.5	-4,590.3	413.9	4,608.9	0.00	0.00	0.00
14,200.0	90.00	179.55	9,459.5	-4,690.3	414.7	4,708.6	0.00	0.00	0.00
14,300.0	90.00	179.55	9,459.5	-4,790.3	415.5	4,808.3	0.00	0.00	0.00
14,363.7	90.00	179.55	9,459.5	-4,854.0	416.0	4,871.8	0.00	0.00	0.00

PBHL(speedy 16 State Com #202H)



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Speedy 16 State Com
Well: #202H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #202H
TVD Reference: KB = 25 @ 3602.0usft
MD Reference: KB = 25 @ 3602.0usft
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)

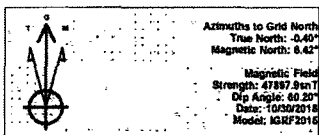
Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(speedy 16 State C - plan hits target center - Point	0.00	0.00	8,886.5	277.0	376.0	509,675.00	772,985.00	32° 23' 56.147 N	103° 34' 58.065 W
FTP(speedy 16 State C - plan misses target center by 202.8usft at 9384.0usft MD (9311.3 TVD, 88.5 N, 377.5 E) - Point	0.00	0.00	9,459.5	227.0	376.0	509,625.00	772,985.00	32° 23' 55.653 N	103° 34' 58.069 W
PBHL(speedy 16 State C - plan hits target center - Point	0.00	0.00	9,459.5	-4,854.0	416.0	504,544.00	773,025.00	32° 23' 5.373 N	103° 34' 58.019 W



Lea County, NM (NAD 83 NME)

Speedy 16 State Com #202H

Plan #0.1



To convert a Magnetic Direction to a Grid Direction, Add 6.42°
To convert a Magnetic Direction to a True Direction, Add 6.82° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

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: #202H

KB = 25 @ 3802.0usft 3877.0
Northing 509398.00 Easting 772609.00 Latitude 32° 23' 53.432 N Longitude 103° 36' 2.473 W

SECTION DETAILS

Sec	MD	Inc	Adj	TVD	+N/-S	+E/-W	Drag	TFace	VSec	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	3236.3	4.73	53.82	3236.0	5.8	7.8	2.00	53.82	-5.1	
4	8689.2	4.73	53.82	8689.5	271.2	368.2	0.00	0.00	-238.8	
5	8908.5	0.00	0.00	8908.5	277.0	378.0	2.00	180.00	-243.9	
6	9205.5	90.00	179.55	9459.5	-385.9	380.5	10.00	179.55	327.3	KOP(speedy 16 State Com #202H)
7	14383.7	90.00	179.55	9459.5	-4854.0	416.0	0.00	0.00	4871.8	PBHL(speedy 16 State Com #202H)

CASING DETAILS

No casing data is available

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting
KOP(speedy 16 State Com #202H)	8888.5	277.0	378.0	509476.00	772885.00
FTF(speedy 16 State Com #202H)	9459.5	227.0	378.0	509625.00	772895.00
PBHL(speedy 16 State Com #202H)	9459.5	-4854.0	416.0	504544.00	773228.00

