

30-025-45325



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EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Speedy 16 State Com

#201H

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: #201H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #201H
TVD Reference: KB = 25 @ 3600.0usft
MD Reference: KB = 25 @ 3600.0usft
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
From:	Map	Easting:	772,576.00 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 23' 53.425 N
		Longitude:	103° 35' 2.858 W
		Grid Convergence:	0.40 °

Well	#201H		
Well Position	+N/-S	0.0 usft	Northing: 509,397.00 usft
	+E/-W	0.0 usft	Easting: 772,576.00 usft
Position Uncertainty	0.0 usft	Wellhead Elevation:	Latitude: 32° 23' 53.425 N
			Longitude: 103° 35' 2.858 W
			Ground Level: 3,575.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	10/30/2018	(°)
			6.82
			Dip Angle
			(°)
			60.20
			Field Strength
			(nT)
			47,897.91621874

Design:	Plan #0.1		
Audit Notes:			
Version:	Phase:	PLAN	Tie On Depth: 0.0
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			(°)
			182.54

Plan Survey Tool Program	Date 10/30/2018		
Depth From	Depth To	Survey (Wellbore)	Tool Name
(usft)	(usft)		
1	0.0	14,361.8 Plan #0.1 (OH)	MWD
			OWSG MWD - Standard

Plan Sections										
Measured	Inclination	Azimuth	Vertical	+N/-S	+E/-W	Dogleg	Build	Turn	TFO	Target
Depth	(°)	(°)	Depth	(usft)	(usft)	Rate	Rate	Rate	(°)	
(usft)			(usft)			(°/100usft)	(°/100usft)	(°/100usft)		
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	
3,187.4	3.75	317.39	3,187.3	4.5	-4.1	2.00	2.00	0.00	317.39	
8,716.2	3.75	317.39	8,704.2	270.5	-248.9	0.00	0.00	0.00	0.00	
8,903.6	0.00	0.00	8,891.5	275.0	-253.0	2.00	-2.00	0.00	180.00	KOP(speedy 16 State
9,803.6	90.00	179.58	9,464.5	-297.9	-248.8	10.00	10.00	19.95	179.58	
14,361.8	90.00	179.58	9,464.5	-4,856.0	-215.0	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	317.39	3,100.0	1.3	-1.2	-1.2	2.00	2.00	0.00
3,187.4	3.75	317.39	3,187.3	4.5	-4.1	-4.3	2.00	2.00	0.00
3,200.0	3.75	317.39	3,199.8	5.1	-4.7	-4.9	0.00	0.00	0.00
3,300.0	3.75	317.39	3,299.6	9.9	-9.1	-9.5	0.00	0.00	0.00
3,400.0	3.75	317.39	3,399.4	14.7	-13.6	-14.1	0.00	0.00	0.00
3,500.0	3.75	317.39	3,499.2	19.5	-18.0	-18.7	0.00	0.00	0.00
3,600.0	3.75	317.39	3,599.0	24.4	-22.4	-23.3	0.00	0.00	0.00
3,700.0	3.75	317.39	3,698.8	29.2	-26.8	-28.0	0.00	0.00	0.00
3,800.0	3.75	317.39	3,798.6	34.0	-31.3	-32.6	0.00	0.00	0.00
3,900.0	3.75	317.39	3,898.3	38.8	-35.7	-37.2	0.00	0.00	0.00
4,000.0	3.75	317.39	3,998.1	43.6	-40.1	-41.8	0.00	0.00	0.00
4,100.0	3.75	317.39	4,097.9	48.4	-44.5	-46.4	0.00	0.00	0.00
4,200.0	3.75	317.39	4,197.7	53.2	-49.0	-51.0	0.00	0.00	0.00
4,300.0	3.75	317.39	4,297.5	58.0	-53.4	-55.6	0.00	0.00	0.00
4,400.0	3.75	317.39	4,397.3	62.8	-57.8	-60.2	0.00	0.00	0.00
4,500.0	3.75	317.39	4,497.1	67.7	-62.2	-64.8	0.00	0.00	0.00
4,600.0	3.75	317.39	4,596.8	72.5	-66.7	-69.4	0.00	0.00	0.00
4,700.0	3.75	317.39	4,696.6	77.3	-71.1	-74.1	0.00	0.00	0.00
4,800.0	3.75	317.39	4,796.4	82.1	-75.5	-78.7	0.00	0.00	0.00
4,900.0	3.75	317.39	4,896.2	86.9	-79.9	-83.3	0.00	0.00	0.00
5,000.0	3.75	317.39	4,996.0	91.7	-84.4	-87.9	0.00	0.00	0.00
5,100.0	3.75	317.39	5,095.8	96.5	-88.8	-92.5	0.00	0.00	0.00
5,200.0	3.75	317.39	5,195.6	101.3	-93.2	-97.1	0.00	0.00	0.00



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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)
5,300.0	3.75	317.39	5,295.3	106.1	-97.7	-101.7	0.00	0.00	0.00
5,400.0	3.75	317.39	5,395.1	111.0	-102.1	-106.3	0.00	0.00	0.00
5,500.0	3.75	317.39	5,494.9	115.8	-106.5	-110.9	0.00	0.00	0.00
5,600.0	3.75	317.39	5,594.7	120.6	-110.9	-115.6	0.00	0.00	0.00
5,700.0	3.75	317.39	5,694.5	125.4	-115.4	-120.2	0.00	0.00	0.00
5,800.0	3.75	317.39	5,794.3	130.2	-119.8	-124.8	0.00	0.00	0.00
5,900.0	3.75	317.39	5,894.1	135.0	-124.2	-129.4	0.00	0.00	0.00
6,000.0	3.75	317.39	5,993.9	139.8	-128.6	-134.0	0.00	0.00	0.00
6,100.0	3.75	317.39	6,093.6	144.6	-133.1	-138.6	0.00	0.00	0.00
6,200.0	3.75	317.39	6,193.4	149.4	-137.5	-143.2	0.00	0.00	0.00
6,300.0	3.75	317.39	6,293.2	154.3	-141.9	-147.8	0.00	0.00	0.00
6,400.0	3.75	317.39	6,393.0	159.1	-146.3	-152.4	0.00	0.00	0.00
6,500.0	3.75	317.39	6,492.8	163.9	-150.8	-157.0	0.00	0.00	0.00
6,600.0	3.75	317.39	6,592.6	168.7	-155.2	-161.7	0.00	0.00	0.00
6,700.0	3.75	317.39	6,692.4	173.5	-159.6	-166.3	0.00	0.00	0.00
6,800.0	3.75	317.39	6,792.1	178.3	-164.0	-170.9	0.00	0.00	0.00
6,900.0	3.75	317.39	6,891.9	183.1	-168.5	-175.5	0.00	0.00	0.00
7,000.0	3.75	317.39	6,991.7	187.9	-172.9	-180.1	0.00	0.00	0.00
7,100.0	3.75	317.39	7,091.5	192.7	-177.3	-184.7	0.00	0.00	0.00
7,200.0	3.75	317.39	7,191.3	197.5	-181.7	-189.3	0.00	0.00	0.00
7,300.0	3.75	317.39	7,291.1	202.4	-186.2	-193.9	0.00	0.00	0.00
7,400.0	3.75	317.39	7,390.9	207.2	-190.6	-198.5	0.00	0.00	0.00
7,500.0	3.75	317.39	7,490.6	212.0	-195.0	-203.1	0.00	0.00	0.00
7,600.0	3.75	317.39	7,590.4	216.8	-199.4	-207.8	0.00	0.00	0.00
7,700.0	3.75	317.39	7,690.2	221.6	-203.9	-212.4	0.00	0.00	0.00
7,800.0	3.75	317.39	7,790.0	226.4	-208.3	-217.0	0.00	0.00	0.00
7,900.0	3.75	317.39	7,889.8	231.2	-212.7	-221.6	0.00	0.00	0.00
8,000.0	3.75	317.39	7,989.6	236.0	-217.2	-226.2	0.00	0.00	0.00
8,100.0	3.75	317.39	8,089.4	240.8	-221.6	-230.8	0.00	0.00	0.00
8,200.0	3.75	317.39	8,189.1	245.7	-226.0	-235.4	0.00	0.00	0.00
8,300.0	3.75	317.39	8,288.9	250.5	-230.4	-240.0	0.00	0.00	0.00
8,400.0	3.75	317.39	8,388.7	255.3	-234.9	-244.6	0.00	0.00	0.00
8,500.0	3.75	317.39	8,488.5	260.1	-239.3	-249.3	0.00	0.00	0.00
8,600.0	3.75	317.39	8,588.3	264.9	-243.7	-253.9	0.00	0.00	0.00
8,700.0	3.75	317.39	8,688.1	269.7	-248.1	-258.5	0.00	0.00	0.00
8,716.2	3.75	317.39	8,704.2	270.5	-248.9	-259.2	0.00	0.00	0.00
8,800.0	2.07	317.39	8,787.9	273.6	-251.7	-262.2	2.00	-2.00	0.00
8,903.6	0.00	0.00	8,891.5	275.0	-253.0	-263.5	2.00	-2.00	0.00
KOP(speedy 16 State Com #201H)									
8,950.0	4.64	179.58	8,937.9	273.1	-253.0	-261.7	10.00	10.00	0.00
9,000.0	9.64	179.58	8,987.5	266.9	-252.9	-255.5	10.00	10.00	0.00
9,050.0	14.64	179.58	9,036.3	256.4	-252.9	-245.0	10.00	10.00	0.00
9,100.0	19.64	179.58	9,084.1	241.7	-252.8	-230.2	10.00	10.00	0.00
9,150.0	24.64	179.58	9,130.4	222.8	-252.6	-211.4	10.00	10.00	0.00
9,200.0	29.64	179.58	9,174.9	200.0	-252.4	-188.7	10.00	10.00	0.00
9,250.0	34.64	179.58	9,217.2	173.4	-252.2	-162.1	10.00	10.00	0.00
9,300.0	39.64	179.58	9,257.0	143.3	-252.0	-132.0	10.00	10.00	0.00
9,350.0	44.64	179.58	9,294.1	109.7	-251.8	-98.5	10.00	10.00	0.00
9,381.4	47.78	179.58	9,315.8	87.0	-251.6	-75.8	10.00	10.00	0.00
FTP(speedy 16 State Com #201H)									
9,400.0	49.64	179.58	9,328.1	73.1	-251.5	-61.9	10.00	10.00	0.00
9,450.0	54.64	179.58	9,358.8	33.6	-251.2	-22.5	10.00	10.00	0.00
9,500.0	59.64	179.58	9,385.9	-8.4	-250.9	19.5	10.00	10.00	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)
9,550.0	64.64	179.58	9,409.2	-52.6	-250.6	63.6	10.00	10.00	0.00
9,600.0	69.64	179.58	9,428.7	-98.6	-250.2	109.6	10.00	10.00	0.00
9,650.0	74.64	179.58	9,444.0	-146.2	-249.9	157.1	10.00	10.00	0.00
9,700.0	79.64	179.58	9,455.1	-194.9	-249.5	205.8	10.00	10.00	0.00
9,750.0	84.64	179.58	9,462.0	-244.4	-249.2	255.2	10.00	10.00	0.00
9,803.6	90.00	179.58	9,464.5	-297.9	-248.8	308.6	10.00	10.00	0.00
9,900.0	90.00	179.58	9,464.5	-394.3	-248.0	404.9	0.00	0.00	0.00
10,000.0	90.00	179.58	9,464.5	-494.3	-247.3	504.8	0.00	0.00	0.00
10,100.0	90.00	179.58	9,464.5	-594.3	-246.6	604.7	0.00	0.00	0.00
10,200.0	90.00	179.58	9,464.5	-694.3	-245.8	704.5	0.00	0.00	0.00
10,300.0	90.00	179.58	9,464.5	-794.3	-245.1	804.4	0.00	0.00	0.00
10,400.0	90.00	179.58	9,464.5	-894.3	-244.3	904.3	0.00	0.00	0.00
10,500.0	90.00	179.58	9,464.5	-994.3	-243.6	1,004.1	0.00	0.00	0.00
10,600.0	90.00	179.58	9,464.5	-1,094.3	-242.9	1,104.0	0.00	0.00	0.00
10,700.0	90.00	179.58	9,464.5	-1,194.3	-242.1	1,203.9	0.00	0.00	0.00
10,800.0	90.00	179.58	9,464.5	-1,294.3	-241.4	1,303.7	0.00	0.00	0.00
10,900.0	90.00	179.58	9,464.5	-1,394.3	-240.6	1,403.6	0.00	0.00	0.00
11,000.0	90.00	179.58	9,464.5	-1,494.3	-239.9	1,503.5	0.00	0.00	0.00
11,100.0	90.00	179.58	9,464.5	-1,594.3	-239.2	1,603.3	0.00	0.00	0.00
11,200.0	90.00	179.58	9,464.5	-1,694.3	-238.4	1,703.2	0.00	0.00	0.00
11,300.0	90.00	179.58	9,464.5	-1,794.3	-237.7	1,803.1	0.00	0.00	0.00
11,400.0	90.00	179.58	9,464.5	-1,894.3	-236.9	1,902.9	0.00	0.00	0.00
11,500.0	90.00	179.58	9,464.5	-1,994.3	-236.2	2,002.8	0.00	0.00	0.00
11,600.0	90.00	179.58	9,464.5	-2,094.3	-235.5	2,102.7	0.00	0.00	0.00
11,700.0	90.00	179.58	9,464.5	-2,194.3	-234.7	2,202.5	0.00	0.00	0.00
11,800.0	90.00	179.58	9,464.5	-2,294.3	-234.0	2,302.4	0.00	0.00	0.00
11,900.0	90.00	179.58	9,464.5	-2,394.3	-233.2	2,402.3	0.00	0.00	0.00
12,000.0	90.00	179.58	9,464.5	-2,494.3	-232.5	2,502.1	0.00	0.00	0.00
12,100.0	90.00	179.58	9,464.5	-2,594.3	-231.8	2,602.0	0.00	0.00	0.00
12,200.0	90.00	179.58	9,464.5	-2,694.3	-231.0	2,701.9	0.00	0.00	0.00
12,300.0	90.00	179.58	9,464.5	-2,794.3	-230.3	2,801.7	0.00	0.00	0.00
12,400.0	90.00	179.58	9,464.5	-2,894.3	-229.5	2,901.6	0.00	0.00	0.00
12,500.0	90.00	179.58	9,464.5	-2,994.3	-228.8	3,001.5	0.00	0.00	0.00
12,600.0	90.00	179.58	9,464.5	-3,094.3	-228.0	3,101.3	0.00	0.00	0.00
12,700.0	90.00	179.58	9,464.5	-3,194.3	-227.3	3,201.2	0.00	0.00	0.00
12,800.0	90.00	179.58	9,464.5	-3,294.3	-226.6	3,301.1	0.00	0.00	0.00
12,900.0	90.00	179.58	9,464.5	-3,394.3	-225.8	3,400.9	0.00	0.00	0.00
13,000.0	90.00	179.58	9,464.5	-3,494.3	-225.1	3,500.8	0.00	0.00	0.00
13,100.0	90.00	179.58	9,464.5	-3,594.3	-224.3	3,600.7	0.00	0.00	0.00
13,200.0	90.00	179.58	9,464.5	-3,694.3	-223.6	3,700.5	0.00	0.00	0.00
13,300.0	90.00	179.58	9,464.5	-3,794.3	-222.9	3,800.4	0.00	0.00	0.00
13,400.0	90.00	179.58	9,464.5	-3,894.3	-222.1	3,900.3	0.00	0.00	0.00
13,500.0	90.00	179.58	9,464.5	-3,994.2	-221.4	4,000.1	0.00	0.00	0.00
13,600.0	90.00	179.58	9,464.5	-4,094.2	-220.6	4,100.0	0.00	0.00	0.00
13,700.0	90.00	179.58	9,464.5	-4,194.2	-219.9	4,199.9	0.00	0.00	0.00
13,800.0	90.00	179.58	9,464.5	-4,294.2	-219.2	4,299.7	0.00	0.00	0.00
13,900.0	90.00	179.58	9,464.5	-4,394.2	-218.4	4,399.6	0.00	0.00	0.00
14,000.0	90.00	179.58	9,464.5	-4,494.2	-217.7	4,499.5	0.00	0.00	0.00
14,100.0	90.00	179.58	9,464.5	-4,594.2	-216.9	4,599.3	0.00	0.00	0.00
14,200.0	90.00	179.58	9,464.5	-4,694.2	-216.2	4,699.2	0.00	0.00	0.00
14,300.0	90.00	179.58	9,464.5	-4,794.2	-215.5	4,799.1	0.00	0.00	0.00
14,361.8	90.00	179.58	9,464.5	-4,856.0	-215.0	4,860.8	0.00	0.00	0.00

PBHL(speedy 16 State Com #201H)



Planning Report

Database: EDM 5000.14
Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Speedy 16 State Com
Well: #201H
Wellbore: OH
Design: Plan #0.1

Local Co-ordinate Reference: Well #201H
TVD Reference: KB = 25 @ 3600.0usft
MD Reference: KB = 25 @ 3600.0usft
North Reference: Grid
Survey Calculation Method: Minimum Curvature

Design Targets

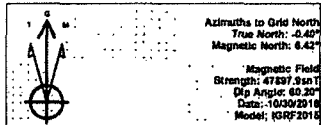
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
KOP(speedy 16 State Co - plan hits target center - Point	0.00	0.00	8,891.5	275.0	-253.0	509,672.00	772,323.00	32° 23' 56.163 N	103° 35' 5.787 W
FTP(speedy 16 State Co - plan misses target center by 202.8usft at 9381.4usft MD (9315.8 TVD, 87.0 N, -251.6 E) - Point	0.00	0.00	9,464.5	225.0	-253.0	509,622.00	772,323.00	32° 23' 55.669 N	103° 35' 5.791 W
PBHL(speedy 16 State Co - plan hits target center - Point	0.00	0.00	9,464.5	-4,856.0	-215.0	504,541.00	772,361.00	32° 23' 5.390 N	103° 35' 5.762 W



Lea County, NM (NAD 83 NME)

Speedy 16 State Com #201H

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: #201H

KB = 35 @ 3600.0u/sft 3375.0
Northing 609397.00 Easting 772576.00 Latitude 32° 25' 53.425 N Longitude 103° 35' 2.858 W

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	Dipg	TFace	VSecl	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	3187.4	3.76	317.39	3187.3	4.5	-4.1	2.00	317.39	-4.3	
4	3716.2	3.76	317.39	3704.2	276.5	-248.9	0.00	0.00	-258.2	
5	8903.6	0.00	0.00	8891.6	276.0	-253.0	2.00	180.00	-283.5	KOP(speedy 16 State Com #201H)
6	9803.8	90.00	179.58	9464.5	-297.9	-248.8	10.00	179.58	308.6	
7	14361.8	90.00	179.58	9464.5	-4856.0	-215.0	0.00	0.00	4880.8	PBHL(speedy 16 State Com #201H)

CASING DETAILS

No casing data is available

WELLSBORE YARDBE DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting
KOP(speedy 16 State Com #201H)	8891.6	276.0	-253.0	609872.00	772323.00
FTN(speedy 16 State Com #201H)	9464.5	325.0	-263.0	609822.00	772323.00
PBHL(speedy 16 State Com #201H)	9464.5	-4856.0	-215.0	604541.00	772381.00

