



EOG Resources - Midland

Lea County, NM (NAD 83 NME)

Speedy 16 State Corn

#203H

OH

Design: OH

Final PVA

17 December, 2018

HOBBS OCD
JAN 07 2020
RECEIVED



Final PVA

Company:	EOG Resources - Midland	Local Co-ordinate Reference:	Well #203H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB = 25 @ 3595.0usft (HP 485)
Site:	Speedy 16 State Com	MD Reference:	KB = 25 @ 3595.0usft (HP 485)
Well:	#203H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

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	Spot Radius:	13-3/16 "
		Latitude:	32° 23' 53.425 N
		Longitude:	103° 35' 2.858 W
		Grid Convergence:	0.40 "

Well	#203H		
Well Position	+N-S	0.0 usft	Northing:
	+E-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft	Wellhead Elevation:	usft
		Latitude:	32° 23' 52.768 N
		Longitude:	103° 34' 47.338 W
		Ground Level:	3,570.0 usft

Wellbore	OH		
Magnetics	Model Name	Sample Date	Declination
	IGRF2015	10/30/2018	8.82
			Dip Angle
			60.20
			Field Strength
			47,898.28551069

Design	OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD)	+N-S	+E-W
	(usft)	(usft)	(usft)
	0.0	0.0	0.0
			Direction
			182.66

Survey Program	Date	12/17/2018		
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
143.0	14,284.0	Intrepid MWD #1 (OH)	MWD	OWSG MWD - Standard



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Well:	#203H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLog (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)	
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00	0.0	0.0
143.0	0.70	266.30	143.0	-0.1	-0.9	0.49	0.49	0.00	-0.9	0.0	
290.0	0.90	298.90	290.0	0.4	-2.8	0.33	0.14	22.18	-2.6	1.0	
411.0	0.80	280.10	411.0	1.2	-4.4	0.14	-0.08	-7.27	-4.5	0.4	
561.0	1.00	270.70	561.0	1.6	-6.7	0.24	0.13	-12.93	-6.7	-1.5	
677.0	1.50	254.10	676.9	1.2	-9.2	0.53	0.43	-14.31	-8.5	-3.6	
868.0	2.10	243.80	867.8	-1.1	-14.7	0.36	0.31	-5.39	-13.7	-5.5	
1,058.0	2.60	227.50	1,057.7	-5.5	-21.0	0.44	0.26	-8.58	-19.2	-10.1	
1,122.0	2.70	227.60	1,121.6	-7.5	-23.2	0.16	0.16	0.16	-22.2	-10.1	
1,252.0	3.20	230.20	1,251.4	-11.9	-28.2	0.40	0.38	2.00	-29.3	-9.0	
1,440.0	1.20	82.80	1,439.3	-15.0	-30.3	2.27	-1.06	-78.40	32.0	-11.1	
1,629.0	1.00	82.00	1,628.3	-14.5	-26.7	0.11	-0.11	-0.42	28.5	-10.7	
1,818.0	1.00	63.40	1,817.3	-13.6	-23.6	0.17	0.00	-9.84	27.2	-1.6	
2,006.0	1.20	63.00	2,005.3	-11.9	-20.4	0.11	0.11	-0.21	23.6	-1.4	
2,195.0	1.30	51.60	2,194.2	-9.7	-17.0	0.14	0.05	-6.03	19.3	2.9	
2,384.0	1.30	59.40	2,383.2	-7.3	-13.4	0.09	0.00	4.13	15.3	0.6	
2,572.0	2.60	9.70	2,571.1	-2.0	-10.9	1.07	0.69	-26.44	4.4	9.7	
2,762.0	4.40	347.30	2,760.7	9.4	-11.8	1.17	0.85	-11.79	-0.9	4.4	
2,950.0	6.00	335.70	2,947.9	25.4	-17.4	1.01	0.85	-6.17	0.2	-1.9	
3,139.0	4.80	341.00	3,136.1	41.8	-24.0	0.69	-0.63	2.80	1.0	-7.3	
3,328.0	5.00	331.10	3,324.4	56.5	-30.6	0.46	0.11	-5.24	5.7	-11.5	
3,516.0	6.10	328.10	3,511.5	72.2	-39.8	0.60	0.59	-1.60	7.7	-13.6	
3,705.0	6.00	322.10	3,699.5	88.5	-51.2	0.34	-0.05	-3.17	9.0	-13.7	
3,894.0	6.60	327.70	3,887.3	105.5	-63.1	0.45	0.32	2.96	6.6	-15.5	
4,082.0	7.90	338.40	4,073.8	126.6	-73.6	0.99	0.69	5.69	-1.0	-19.9	
4,271.0	7.80	336.40	4,261.1	150.4	-83.5	0.15	-0.05	-1.06	-7.0	-25.2	
4,460.0	6.90	322.70	4,448.5	171.2	-95.5	1.04	-0.48	-7.25	-5.0	-29.4	



Final PVA

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 Project: Lea County, NM (NAD 83 NME)
 Site: Speedy 16 State Com
 Well: #203H
 Wellbore: OH
 Design: OH

Local Co-ordinate Reference: Well #203H
 TVD Reference: KB = 25 @ 3595.0ust (HP 465)
 MD Reference: KB = 25 @ 3595.0ust (HP 465)
 North Reference: Grid
 Survey Calculation Method: Minimum Curvature
 Database: EDM 5000.14

Survey

MD (ust)	Inc (°)	Azi (grid_north_azim)	TVD (ust)	N/S (ust)	EW (ust)	DLeg (°/100ust)	Build (°/100ust)	Turn (°/100ust)	High to Plan (ust)	Right to Plan (ust)
4,649.0	4.70	316.60	4,636.5	185.9	-107.7	1.21	-1.16	-3.23	-1.2	-29.0
4,823.0	3.70	309.20	4,810.1	194.6	-117.0	0.65	-0.57	-4.25	7.6	-25.7
5,013.0	7.70	317.60	4,999.1	207.9	-130.3	2.14	2.11	4.42	4.7	-24.1
5,201.0	7.50	316.80	5,185.4	226.1	-147.2	0.12	-0.11	-0.43	-0.3	-22.3
5,390.0	7.80	317.00	5,372.8	244.3	-164.2	0.05	0.05	0.11	-5.5	-20.5
5,580.0	6.80	316.70	5,561.3	261.7	-180.5	0.42	-0.42	-0.16	-9.5	-18.7
5,769.0	6.00	315.90	5,749.1	276.9	-195.0	0.43	-0.42	-0.42	-10.7	-16.8
5,958.0	6.40	314.10	5,937.0	291.3	-209.4	0.24	0.21	-0.95	-11.0	-14.6
6,147.0	6.30	311.90	6,124.9	305.6	-224.7	0.14	-0.05	-1.16	-11.9	-11.9
6,336.0	6.90	310.00	6,312.6	319.8	-241.1	0.34	0.32	-1.01	-13.9	-8.4
6,525.0	4.40	311.00	6,500.7	331.8	-255.3	1.32	-1.32	0.53	-13.2	-4.2
6,714.0	1.60	294.90	6,689.4	337.7	-263.2	1.53	-1.48	-8.52	-5.9	-1.8
6,903.0	1.10	279.00	6,878.3	339.1	-267.4	0.33	-0.26	-8.41	-5.5	-0.3
7,092.0	1.90	75.60	7,087.3	340.2	-266.1	1.56	0.42	82.86	3.4	3.1
7,281.0	1.60	83.50	7,256.2	340.8	-260.5	0.33	-0.16	9.47	-1.4	2.9
7,470.0	1.70	108.90	7,445.2	339.7	-255.2	0.24	0.05	8.15	-5.9	3.8
7,659.0	1.60	125.90	7,634.1	337.3	-250.4	0.26	-0.05	8.99	-9.8	6.2
7,848.0	1.30	135.50	7,823.0	334.2	-246.7	0.20	-0.16	5.08	-13.4	8.2
8,037.0	2.20	154.20	8,011.9	329.4	-243.7	0.56	0.48	9.89	-15.7	12.8
8,226.0	2.20	165.40	8,200.8	322.6	-241.2	0.23	0.00	5.93	-20.1	16.3
8,415.0	2.50	177.40	8,389.6	315.0	-240.1	0.30	0.16	6.35	-24.0	20.9
8,604.0	2.20	193.40	8,578.5	307.3	-240.7	0.38	-0.16	8.47	-24.9	27.8
8,793.0	2.90	195.30	8,767.3	299.2	-242.8	0.37	0.37	1.01	-32.3	28.8
8,829.0	3.00	196.10	8,803.2	287.4	-243.3	0.30	0.28	2.22	-33.8	29.2
8,903.4	8.11	190.23	8,877.3	280.4	-244.8	6.90	6.87	-7.88	-43.7	25.6

KOP (Speedy 16 State Com #203H)



Final PVA

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Site:	Speedy 16 State Com	MD Reference:	KB = 25 @ 3595.0usft (HP 465)
Well:	#203H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

Survey											
MD (usft)	Inc (")	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLog ("/100usft)	Buidl ("/100usft)	Turn ("/100usft)	High to Plan (usft)	Right to Plan (usft)	
8,923.2	9.48	189.74	8,896.8	287.4	-245.3	6.80	6.89	-2.50	-48.7	25.1	
HL Crossing, MD:8923.2', TVD:8896.8', N/S:287.4', EW:-245.3', INC:9.48											
8,925.0	9.60	189.70	8,898.6	287.1	-245.4	6.80	6.89	-2.12	-47.0	25.1	
8,972.0	16.00	186.60	8,944.4	278.8	-246.8	13.69	13.62	-6.60	-55.2	21.9	
9,020.0	17.20	180.00	8,990.4	263.1	-247.5	4.65	2.50	-13.75	-63.2	14.4	
9,067.0	20.00	179.90	9,035.0	248.1	-247.5	5.96	5.96	-0.21	-66.2	14.2	
9,114.0	22.80	182.60	9,078.7	231.0	-247.9	6.31	5.96	5.74	-66.5	16.5	
9,161.0	26.60	185.20	9,121.4	211.4	-249.3	8.41	8.09	5.53	-65.3	17.5	
9,208.0	29.10	186.90	9,163.0	189.6	-251.6	5.58	5.32	3.62	-62.6	16.0	
9,255.0	34.30	182.10	9,202.9	165.0	-253.5	12.29	11.06	-10.21	-59.9	9.3	
9,303.0	38.30	178.70	9,241.6	136.6	-253.6	9.33	8.33	-7.08	-56.0	6.2	
9,350.0	42.90	177.60	9,277.3	106.0	-252.6	9.80	9.79	-2.34	-51.1	6.5	
FTP (Speedy 16 State Com #203H)											
9,398.0	48.00	178.20	9,311.0	71.9	-251.4	10.66	10.62	1.25	-45.7	8.0	
9,445.0	54.00	180.70	9,340.5	35.3	-251.1	13.42	12.77	5.32	-40.6	9.0	
9,492.0	59.70	182.80	9,366.2	-4.0	-252.3	12.69	12.13	4.47	-36.3	8.0	
9,539.0	64.40	184.90	9,388.2	-45.4	-255.1	10.75	10.00	4.47	-32.2	5.0	
9,587.0	69.10	185.10	9,407.2	-89.3	-258.9	9.80	9.79	0.42	-27.9	0.5	
9,634.0	75.60	183.30	9,421.4	-133.9	-262.2	14.30	13.83	-3.83	-24.2	-3.8	
9,682.0	82.00	181.20	9,430.8	-181.0	-264.0	14.01	13.33	-4.37	-21.6	-6.0	
9,774.0	88.70	177.20	9,439.8	-272.5	-262.8	6.69	5.11	-4.35	-14.9	-5.5	
9,869.0	90.70	178.10	9,442.0	-367.3	-258.9	4.32	4.21	0.95	-12.0	-2.4	
9,963.0	93.70	178.70	9,438.4	-461.2	-256.2	3.25	3.19	0.64	-14.9	-0.5	
10,058.0	92.30	179.90	9,433.4	-556.1	-255.1	1.94	-1.47	1.26	-19.2	0.0	
10,152.0	94.20	180.30	9,428.1	-649.9	-255.2	2.07	2.02	0.43	-23.8	-0.9	
10,246.0	89.70	179.60	9,424.9	-743.8	-255.2	4.84	-4.79	-0.74	-26.3	-1.6	
10,341.0	91.30	179.60	9,424.0	-838.8	-254.5	1.68	1.68	0.00	-26.4	-1.7	



Final PVA

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Site:	Speedy 16 State Com	MD Reference:	KB = 25 @ 3595.0usft (HP 465)
Well:	#203H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.14

MD (usft)	Inc (°)	Azi (grid_north_azim)	TVD (usft)	N/S (usft)	EW (usft)	DLeg (°/100usft)	Build (°/100usft)	Turn (°/100usft)	High to Plan (usft)	Right to Plan (usft)
10,435.0	89.70	179.50	9,423.2	-932.8	-253.8	1.71	-1.70	-0.11	-26.5	-1.7
10,529.0	90.20	180.00	9,423.3	-1,026.8	-253.3	0.75	0.53	0.53	-25.7	-2.0
10,624.0	91.70	179.80	9,421.7	-1,121.8	-253.2	1.59	1.58	-0.21	-26.5	-2.6
10,718.0	88.40	180.20	9,421.6	-1,215.8	-253.2	3.54	-3.51	0.43	-25.9	-3.3
10,813.0	87.60	180.50	9,425.0	-1,310.7	-253.8	0.90	-0.84	0.32	-21.9	-4.6
10,907.0	88.60	180.90	9,428.1	-1,404.7	-254.9	1.15	1.06	0.43	-18.0	-6.5
11,002.0	89.70	181.00	9,429.5	-1,499.6	-256.5	1.16	1.16	0.11	-15.9	-8.8
11,052.3	90.13	181.21	9,429.6	-1,550.0	-257.5	0.95	0.85	0.43	-15.5	-10.2
TGT 1 (Speedy 16 State Com #203H)										
11,096.0	90.50	181.40	9,429.3	-1,593.6	-258.5	0.95	0.85	0.43	-15.6	-11.5
11,190.0	91.50	181.60	9,427.7	-1,687.6	-260.9	1.08	1.06	0.21	-17.3	-14.7
11,285.0	92.80	182.30	9,424.1	-1,782.4	-264.1	1.55	1.37	0.74	-20.8	-18.7
11,379.0	90.50	181.00	9,421.4	-1,876.4	-266.8	2.81	-2.45	-1.38	-23.5	-22.1
11,474.0	91.30	180.80	9,419.9	-1,971.3	-268.3	0.87	0.84	-0.21	-25.0	-24.4
11,568.0	89.80	179.70	9,419.0	-2,065.3	-268.7	1.98	-1.60	-1.17	-25.9	-25.5
11,662.0	90.50	179.50	9,418.8	-2,159.3	-268.1	0.77	0.74	-0.21	-26.2	-25.6
11,757.0	92.40	179.80	9,416.4	-2,254.3	-267.5	2.02	2.00	0.32	-28.6	-25.7
11,852.0	91.30	176.50	9,413.3	-2,349.2	-264.4	3.68	-1.16	-3.47	-31.7	-23.4
11,946.0	90.70	176.70	9,411.6	-2,443.0	-258.9	0.67	-0.64	0.21	-33.3	-18.5
12,041.0	88.20	177.40	9,412.6	-2,537.9	-254.0	2.73	-2.63	0.74	-32.4	-14.4
12,136.0	88.90	177.20	9,415.0	-2,632.7	-249.5	0.77	0.74	-0.21	-30.0	-10.7
12,223.8	86.40	177.38	9,418.6	-2,720.4	-245.4	2.85	-2.84	0.21	-26.4	-7.2
TGT 2 (Speedy 16 State Com #203H)										
12,231.0	86.20	177.40	9,419.0	-2,727.5	-245.0	2.85	-2.84	0.21	-26.0	-7.0
12,326.0	86.90	177.60	9,424.7	-2,822.3	-240.9	0.77	0.74	0.21	-19.8	-3.5
12,421.0	87.80	177.60	9,429.1	-2,917.1	-236.9	0.95	0.95	0.00	-15.0	-0.3
12,515.0	89.00	177.50	9,431.8	-3,010.9	-232.9	1.28	1.28	-0.11	-11.9	3.0



Final PVA

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12,810.0	90.00	177.40	9,432.6	-3,105.8	-228.7	1.06	1.05	-0.11	-10.7	6.5	
12,705.0	91.40	177.40	9,431.4	-3,200.7	-224.4	1.47	1.47	0.00	-11.4	10.0	
12,800.0	87.80	178.10	9,432.1	-3,295.6	-220.6	3.86	-3.79	0.74	-10.3	13.0	
12,895.0	87.70	179.30	9,435.8	-3,390.5	-218.5	1.27	-0.11	1.26	-6.1	14.4	
12,990.0	88.40	178.80	9,439.1	-3,485.5	-217.7	0.91	0.74	0.53	-2.4	14.4	
13,085.0	90.10	179.90	9,440.3	-3,580.5	-217.5	1.79	1.79	0.11	-0.8	13.9	
13,179.0	90.40	180.20	9,439.9	-3,674.5	-217.6	0.45	0.32	0.32	-0.7	13.1	
13,274.0	91.30	180.40	9,438.5	-3,769.5	-218.1	0.97	0.95	0.21	-1.7	11.9	
13,312.1	92.07	180.68	9,437.4	-3,807.5	-218.4	2.15	2.02	0.74	-2.6	11.2	
TGT 3 (Speedy 16 State Com #203H)											
13,368.0	93.20	181.10	9,434.6	-3,863.4	-219.3	2.15	2.02	0.75	-4.9	9.9	
13,463.0	91.40	181.50	9,431.0	-3,958.3	-221.5	1.94	-1.89	0.42	-8.3	7.0	
13,557.0	92.30	181.60	9,427.9	-4,052.2	-224.0	0.96	0.96	0.11	-10.8	3.8	
13,652.0	92.50	180.90	9,424.0	-4,147.1	-226.1	0.77	0.21	-0.74	-14.3	1.0	
13,746.0	91.20	180.30	9,420.9	-4,241.0	-227.1	1.52	-1.38	-0.64	-16.8	-0.8	
13,841.0	92.40	180.40	9,417.9	-4,336.0	-227.6	1.27	1.26	0.11	-19.3	-2.1	
13,935.0	89.10	179.00	9,416.7	-4,430.0	-227.1	3.81	-3.51	-1.49	-20.1	-2.3	
14,030.0	90.30	179.20	9,417.2	-4,524.9	-225.7	1.28	1.26	0.21	-19.1	-1.6	
14,124.0	88.10	179.40	9,418.5	-4,618.9	-224.5	2.35	-2.34	0.21	-17.3	-1.2	
14,219.0	88.00	180.30	9,421.8	-4,713.9	-224.3	0.95	-0.11	0.95	-13.6	-1.6	
Final MWD Survey (MD=14219.0')											
14,284.0	88.00	180.30	9,424.0	-4,778.8	-224.6	0.00	0.00	0.00	-11.0	-2.5	
Final Projection to Bit (MD=14284.0') - PBHL (Speedy 16 State Com #203H)											



Final PVA

Company: EOG Resources - Midland
Project: Lea County, NM (NAD 83 NME)
Site: Speedy 16 State Com
Well: #203H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #203H
TVD Reference: KB = 25 @ 3595.0usft (HP 465)
MD Reference: KB = 25 @ 3595.0usft (HP 465)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.14

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/S (usft)	+E/W (usft)	
8,923.2	8,896.8	287.4	-245.3	HL Crossing, MD:8923.2', TVD:8896.8', N/S:287.4', E/W:-245.3', INC:9.48
14,219.0	9,421.8	-4,713.9	-224.3	Final MWD Survey (MD=14219.0')
14,284.0	9,424.0	-4,778.8	-224.6	Final Projection to Bit (MD=14284.0')

Checked By: _____

Approved By: _____

Date: _____

I certify this survey to be true and correct to the best of my belief and knowledge.

Kay Maddox 01/06/2020

Signed

Date



Lea County, NM (NAD 83 NME)

Speedy 16 State Com #203H

HP 465

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: #203H

KB = 25 @ 3585.00ft (HP 465) 3570.0
Northing 509340.00 Easting 773907.00 Latitude 32° 22' 52.768 N Longitude 103° 34' 47.339 W

To convert a Magnetic Direction to a Grid Direction, Add 0.42°
To convert a Magnetic Direction to a True Direction, Add 0.82° East
To convert a True Direction to a Grid Direction, Subtract 0.40°

SECTION DETAILS

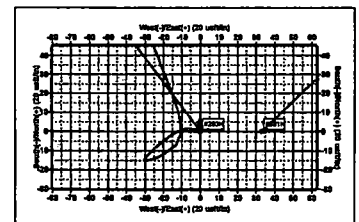
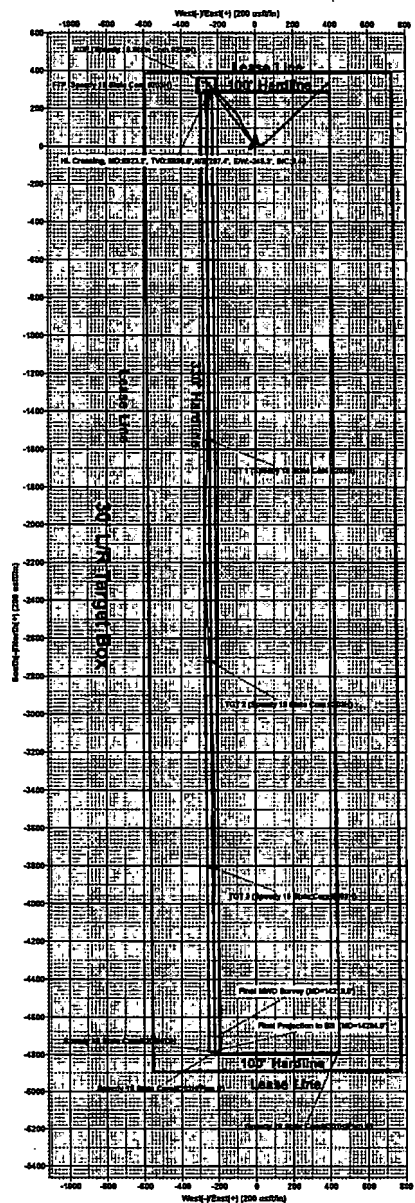
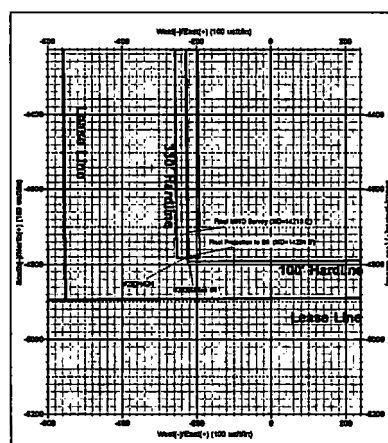
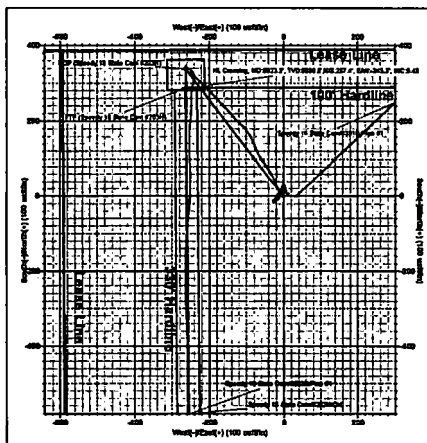
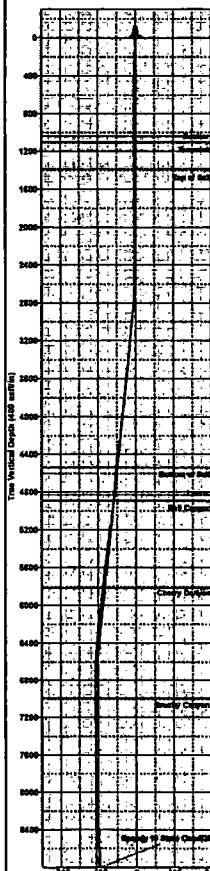
Sec	MD	Ino	Adj	TVD	+N-S	+E-W	Diag	TFace	VSect	Target
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0	
2	2500.0	0.00	0.00	2500.0	0.0	0.0	0.00	0.00	0.0	
3	2800.1	8.00	322.22	2799.5	12.4	-9.8	2.00	322.22	-12.0	
4	6589.6	0.00	0.00	6589.6	325.6	-252.4	0.00	0.00	-313.5	
5	6889.9	0.00	0.00	6889.9	338.0	-252.0	2.00	190.00	-325.5	
6	8903.9	0.00	0.00	8882.0	338.0	-252.0	0.00	0.00	-325.5	
7	9808.2	90.43	179.55	9454.9	-239.3	-257.5	10.00	179.55	251.0	KOP (Speedy 16 State Com #203H)
8	11119.2	90.43	179.55	9445.0	-1550.2	-247.3	0.00	0.00	1560.0	TGT 1 (Speedy 16 State Com #203H)
9	11141.1	90.00	179.55	9444.9	-1572.1	-247.1	2.00	-180.00	1591.9	TGT 2 (Speedy 16 State Com #203H)
10	12287.9	90.00	179.55	9445.0	-2718.9	-236.2	0.00	0.00	2727.0	TGT 3 (Speedy 16 State Com #203H)
11	13301.4	90.28	179.55	9445.0	-2732.3	-238.1	2.00	0.00	2740.4	
12	13376.6	90.28	179.55	9440.0	-3807.5	-229.7	0.00	0.00	3814.1	
13	13378.0	90.29	179.55	9440.0	-3809.0	-229.7	2.00	0.21	3815.5	
14	14351.1	90.29	179.55	9435.0	-4782.0	-222.1	0.00	0.00	4787.1	PBHL (Speedy 16 State Com #203H)

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 #203H)	8932.0	338.0	-252.0	604559.03	773645.00
PBHL (Speedy 16 State Com #203H)	9435.0	-4782.0	-222.1	604559.03	773645.00
TGT 1 (Speedy 16 State Com #203H)	9445.0	-3807.5	-229.7	605332.80	773477.32
TGT 2 (Speedy 16 State Com #203H)	9445.0	-1550.2	-247.3	607789.80	773533.72
TGT 3 (Speedy 16 State Com #203H)	9445.0	-2718.9	-225.2	606621.10	773655.84
FTP (Speedy 16 State Com #203H)	9455.0	228.0	-252.0	606628.00	773645.00



100 Feet to 1000 Feet
1000 Feet to 10000 Feet