



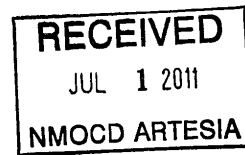
Devon Energy, Inc.

Eddy County, NM (NAD 83)
Snapping 2 State
#8H
OH

Plan: Plan #2

PathFinder X&Y Report

29 June, 2011



30-015-39165

PATHFINDER[®]

A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	WELL @ 3267.00ft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3267.00ft (Original Well Elev)
Well:	#8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	Database:	1 Smith Database

Project	Eddy County, NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Snapping 2 State		
Site Position:		Northing:	388,157.02 ft
From:	Map	Easting:	721,398.02 ft
Position Uncertainty:	0.00 ft	Slot Radius:	"
		Latitude:	32° 3' 56.845500 N
		Longitude:	103° 45' 7.414288 W
		Grid Convergence:	0.31 °

Well	#8H		
Well Position	+N/-S	0.00 ft	Northing: 388,163.40 ft
	+E/-W	0.00 ft	Easting: 722,710.73 ft
Position Uncertainty	0.00 ft		Wellhead Elevation: ft
			Latitude: 32° 3' 56.838412 N
			Longitude: 103° 44' 52.158817 W
			Ground Level: 3,241.00 ft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	2011/06/29	7.65	60.01	48,499

Design	Plan #2				
Audit Notes:					
Version:	Phase:	PLAN	Tie On Depth:	0.00	
Vertical Section:	Depth From (TVD) (ft)	+N/-S (ft)	+E/-W (ft)	Direction (°)	
	0.00	0.00	0.00	351.52	

Survey Tool Program	Date 2011/06/29				
From (ft)	To (ft)	Survey (Wellbore)	Tool Name	Description	
0.00	13,265.13	Plan #2 (OH)	Pathfinder	Pathfinder MWD	

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Planned Survey

MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)
0.00	0.00	0.00	0.00	-3,267.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
100.00	0.00	0.00	100.00	-3,167.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
200.00	0.00	0.00	200.00	-3,067.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
300.00	0.00	0.00	300.00	-2,967.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
400.00	0.00	0.00	400.00	-2,867.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
500.00	0.00	0.00	500.00	-2,767.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
600.00	0.00	0.00	600.00	-2,667.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
700.00	0.00	0.00	700.00	-2,567.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
800.00	0.00	0.00	800.00	-2,467.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
900.00	0.00	0.00	900.00	-2,367.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,000.00	0.00	0.00	1,000.00	-2,267.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,100.00	0.00	0.00	1,100.00	-2,167.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,200.00	0.00	0.00	1,200.00	-2,067.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,300.00	0.00	0.00	1,300.00	-1,967.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,400.00	0.00	0.00	1,400.00	-1,867.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,500.00	0.00	0.00	1,500.00	-1,767.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,600.00	0.00	0.00	1,600.00	-1,667.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,700.00	0.00	0.00	1,700.00	-1,567.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,800.00	0.00	0.00	1,800.00	-1,467.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
1,900.00	0.00	0.00	1,900.00	-1,367.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,000.00	0.00	0.00	2,000.00	-1,267.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,100.00	0.00	0.00	2,100.00	-1,167.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,200.00	0.00	0.00	2,200.00	-1,067.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,300.00	0.00	0.00	2,300.00	-967.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,400.00	0.00	0.00	2,400.00	-867.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,500.00	0.00	0.00	2,500.00	-767.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73
2,600.00	0.00	0.00	2,600.00	-667.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73

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Well:	#8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	Database:	1 Smith Database

Planned Survey												
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)		
2,700.00	0.00	0.00	2,700.00	-567.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
2,800.00	0.00	0.00	2,800.00	-467.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
2,900.00	0.00	0.00	2,900.00	-367.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,000.00	0.00	0.00	3,000.00	-267.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,100.00	0.00	0.00	3,100.00	-167.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,200.00	0.00	0.00	3,200.00	-67.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,300.00	0.00	0.00	3,300.00	33.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,400.00	0.00	0.00	3,400.00	133.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,500.00	0.00	0.00	3,500.00	233.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,600.00	0.00	0.00	3,600.00	333.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,700.00	0.00	0.00	3,700.00	433.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,800.00	0.00	0.00	3,800.00	533.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
3,900.00	0.00	0.00	3,900.00	633.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,000.00	0.00	0.00	4,000.00	733.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,100.00	0.00	0.00	4,100.00	833.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,200.00	0.00	0.00	4,200.00	933.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,300.00	0.00	0.00	4,300.00	1,033.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,400.00	0.00	0.00	4,400.00	1,133.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,500.00	0.00	0.00	4,500.00	1,233.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,600.00	0.00	0.00	4,600.00	1,333.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,700.00	0.00	0.00	4,700.00	1,433.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,800.00	0.00	0.00	4,800.00	1,533.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
4,900.00	0.00	0.00	4,900.00	1,633.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,000.00	0.00	0.00	5,000.00	1,733.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,100.00	0.00	0.00	5,100.00	1,833.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,200.00	0.00	0.00	5,200.00	1,933.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,300.00	0.00	0.00	5,300.00	2,033.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		

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5,400.00	0.00	0.00	5,400.00	2,133.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,500.00	0.00	0.00	5,500.00	2,233.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,600.00	0.00	0.00	5,600.00	2,333.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,700.00	0.00	0.00	5,700.00	2,433.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,800.00	0.00	0.00	5,800.00	2,533.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
5,900.00	0.00	0.00	5,900.00	2,633.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,000.00	0.00	0.00	6,000.00	2,733.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,100.00	0.00	0.00	6,100.00	2,833.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,200.00	0.00	0.00	6,200.00	2,933.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,300.00	0.00	0.00	6,300.00	3,033.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,400.00	0.00	0.00	6,400.00	3,133.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,500.00	0.00	0.00	6,500.00	3,233.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,600.00	0.00	0.00	6,600.00	3,333.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,700.00	0.00	0.00	6,700.00	3,433.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,800.00	0.00	0.00	6,800.00	3,533.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
6,900.00	0.00	0.00	6,900.00	3,633.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,000.00	0.00	0.00	7,000.00	3,733.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,100.00	0.00	0.00	7,100.00	3,833.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,200.00	0.00	0.00	7,200.00	3,933.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,300.00	0.00	0.00	7,300.00	4,033.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,400.00	0.00	0.00	7,400.00	4,133.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,500.00	0.00	0.00	7,500.00	4,233.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,600.00	0.00	0.00	7,600.00	4,333.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,700.00	0.00	0.00	7,700.00	4,433.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,800.00	0.00	0.00	7,800.00	4,533.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,900.00	0.00	0.00	7,900.00	4,633.00	0.00	0.00	0.00	0.00	388,163.40	722,710.73		
7,957.04	0.00	0.00	7,957.04	4,690.04	0.00	0.00	0.00	0.00	388,163.40	722,710.73		

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Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
8,000.00	4.30	301.47	7,999.96	4,732.96	0.84	-1.37	1.03	10.00	388,164.24	722,709.36	
8,050.00	9.30	301.47	8,049.59	4,782.59	3.93	-6.42	4.83	10.00	388,167.33	722,704.31	
8,100.00	14.30	301.47	8,098.52	4,831.52	9.26	-15.13	11.39	10.00	388,172.66	722,695.60	
8,150.00	19.30	301.47	8,146.37	4,879.37	16.80	-27.45	20.67	10.00	388,180.20	722,683.28	
8,200.00	24.30	301.47	8,192.78	4,925.78	26.49	-43.28	32.59	10.00	388,189.89	722,667.45	
8,250.00	29.30	301.47	8,237.40	4,970.40	38.26	-62.50	47.06	10.00	388,201.66	722,648.23	
8,300.00	34.30	301.47	8,279.88	5,012.88	52.01	-84.96	63.97	10.00	388,215.41	722,625.77	
8,350.00	39.30	301.47	8,319.91	5,052.91	67.64	-110.49	83.20	10.00	388,231.04	722,600.24	
8,400.00	44.30	301.47	8,357.17	5,090.17	85.04	-138.91	104.59	10.00	388,248.44	722,571.82	
8,450.00	49.30	301.47	8,391.39	5,124.39	104.06	-169.98	127.99	10.00	388,267.46	722,540.75	
8,500.00	54.30	301.47	8,422.31	5,155.31	124.57	-203.48	153.22	10.00	388,287.97	722,507.25	
8,550.00	59.30	301.47	8,449.68	5,182.68	146.40	-239.15	180.07	10.00	388,309.80	722,471.58	
8,600.00	64.30	301.47	8,473.30	5,206.30	169.40	-276.72	208.36	10.00	388,332.80	722,434.01	
8,650.00	69.30	301.47	8,493.00	5,226.00	193.39	-315.90	237.87	10.00	388,356.79	722,394.83	
8,700.00	74.30	301.47	8,508.61	5,241.61	218.18	-356.40	268.36	10.00	388,381.58	722,354.33	
8,750.00	79.30	301.47	8,520.03	5,253.03	243.58	-397.90	299.61	10.00	388,406.98	722,312.83	
8,775.83	81.88	301.47	8,524.25	5,257.25	256.89	-419.64	315.98	10.00	388,420.29	722,291.09	
8,776.36	81.88	301.47	8,524.33	5,257.33	257.16	-420.08	316.31	0.00	388,420.56	722,290.65	
8,800.00	82.09	303.85	8,527.62	5,260.62	269.79	-439.79	331.71	10.00	388,433.19	722,270.94	
8,850.00	82.58	308.87	8,534.30	5,267.30	299.17	-479.68	366.64	10.00	388,462.57	722,231.05	
8,900.00	83.12	313.88	8,540.52	5,273.52	331.95	-516.89	404.56	10.00	388,495.35	722,193.84	
8,950.00	83.72	318.88	8,546.25	5,279.25	367.90	-551.15	445.17	10.00	388,531.30	722,159.58	
9,000.00	84.37	323.86	8,551.44	5,284.44	406.73	-582.18	488.16	10.00	388,570.13	722,128.55	
9,050.00	85.05	328.84	8,556.06	5,289.06	448.17	-609.76	533.20	10.00	388,611.57	722,100.97	
9,100.00	85.78	333.80	8,560.06	5,293.06	491.88	-633.67	579.96	10.00	388,655.28	722,077.06	
9,150.00	86.53	338.75	8,563.41	5,296.41	537.54	-653.73	628.08	10.00	388,700.94	722,057.00	
9,200.00	87.31	343.70	8,566.10	5,299.10	584.79	-669.79	677.19	10.00	388,748.19	722,040.94	

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9,250.00	88.11	348.64	8,568.10	5,301.10	633.29	-681.73	726.92	10.00	388,796.69	722,029.00	
9,300.00	88.93	353.58	8,569.39	5,302.39	682.66	-689.45	776.88	10.00	388,846.06	722,021.28	
9,350.00	89.75	358.51	8,569.97	5,302.97	732.52	-692.90	826.71	10.00	388,895.92	722,017.83	
9,365.13	90.00	0.00	8,570.00	5,303.00	747.65	-693.10	841.70	10.00	388,911.05	722,017.63	
9,400.00	90.00	0.00	8,570.00	5,303.00	782.52	-693.10	876.19	0.00	388,945.92	722,017.63	
9,500.00	90.00	0.00	8,570.00	5,303.00	882.52	-693.10	975.09	0.00	389,045.92	722,017.63	
9,600.00	90.00	0.00	8,570.00	5,303.00	982.52	-693.10	1,074.00	0.00	389,145.92	722,017.63	
9,700.00	90.00	0.00	8,570.00	5,303.00	1,082.52	-693.10	1,172.91	0.00	389,245.92	722,017.63	
9,800.00	90.00	0.00	8,570.00	5,303.00	1,182.52	-693.10	1,271.81	0.00	389,345.92	722,017.63	
9,900.00	90.00	0.00	8,570.00	5,303.00	1,282.52	-693.10	1,370.72	0.00	389,445.92	722,017.63	
10,000.00	90.00	0.00	8,570.00	5,303.00	1,382.52	-693.10	1,469.63	0.00	389,545.92	722,017.63	
10,100.00	90.00	0.00	8,570.00	5,303.00	1,482.52	-693.10	1,568.53	0.00	389,645.92	722,017.63	
10,200.00	90.00	0.00	8,570.00	5,303.00	1,582.52	-693.10	1,667.44	0.00	389,745.92	722,017.63	
10,300.00	90.00	0.00	8,570.00	5,303.00	1,682.52	-693.10	1,766.34	0.00	389,845.92	722,017.63	
10,400.00	90.00	0.00	8,570.00	5,303.00	1,782.52	-693.10	1,865.25	0.00	389,945.92	722,017.63	
10,500.00	90.00	0.00	8,570.00	5,303.00	1,882.52	-693.10	1,964.16	0.00	390,045.92	722,017.63	
10,600.00	90.00	0.00	8,570.00	5,303.00	1,982.52	-693.10	2,063.06	0.00	390,145.92	722,017.63	
10,700.00	90.00	0.00	8,570.00	5,303.00	2,082.52	-693.10	2,161.97	0.00	390,245.92	722,017.63	
10,800.00	90.00	0.00	8,570.00	5,303.00	2,182.52	-693.10	2,260.87	0.00	390,345.92	722,017.63	
10,900.00	90.00	0.00	8,570.00	5,303.00	2,282.52	-693.10	2,359.78	0.00	390,445.92	722,017.63	
11,000.00	90.00	0.00	8,570.00	5,303.00	2,382.52	-693.10	2,458.69	0.00	390,545.92	722,017.63	
11,100.00	90.00	0.00	8,570.00	5,303.00	2,482.52	-693.10	2,557.59	0.00	390,645.92	722,017.63	
11,200.00	90.00	0.00	8,570.00	5,303.00	2,582.52	-693.10	2,656.50	0.00	390,745.92	722,017.63	
11,300.00	90.00	0.00	8,570.00	5,303.00	2,682.52	-693.10	2,755.41	0.00	390,845.92	722,017.63	
11,400.00	90.00	0.00	8,570.00	5,303.00	2,782.52	-693.10	2,854.31	0.00	390,945.92	722,017.63	
11,500.00	90.00	0.00	8,570.00	5,303.00	2,882.52	-693.10	2,953.22	0.00	391,045.92	722,017.63	
11,600.00	90.00	0.00	8,570.00	5,303.00	2,982.52	-693.10	3,052.12	0.00	391,145.92	722,017.63	

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	WELL @ 3267.00ft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3267.00ft (Original Well Elev)
Well:	#8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	Database:	1 Smith Database

Planned Survey											
MD (ft)	Inc (°)	Azi (°)	TVD (ft)	TVDSS (ft)	N/S (ft)	E/W (ft)	V. Sec (ft)	DLeg (°/100ft)	Northing (ft)	Easting (ft)	
11,700.00	90.00	0.00	8,570.00	5,303.00	3,082.52	-693.10	3,151.03	0.00	391,245.92	722,017.63	
11,800.00	90.00	0.00	8,570.00	5,303.00	3,182.52	-693.10	3,249.94	0.00	391,345.92	722,017.63	
11,900.00	90.00	0.00	8,570.00	5,303.00	3,282.52	-693.10	3,348.84	0.00	391,445.92	722,017.63	
12,000.00	90.00	0.00	8,570.00	5,303.00	3,382.52	-693.10	3,447.75	0.00	391,545.92	722,017.63	
12,100.00	90.00	0.00	8,570.00	5,303.00	3,482.52	-693.10	3,546.66	0.00	391,645.92	722,017.63	
12,200.00	90.00	0.00	8,570.00	5,303.00	3,582.52	-693.10	3,645.56	0.00	391,745.92	722,017.63	
12,300.00	90.00	0.00	8,570.00	5,303.00	3,682.52	-693.10	3,744.47	0.00	391,845.92	722,017.63	
12,400.00	90.00	0.00	8,570.00	5,303.00	3,782.52	-693.10	3,843.37	0.00	391,945.92	722,017.63	
12,500.00	90.00	0.00	8,570.00	5,303.00	3,882.52	-693.10	3,942.28	0.00	392,045.92	722,017.63	
12,600.00	90.00	0.00	8,570.00	5,303.00	3,982.52	-693.10	4,041.19	0.00	392,145.92	722,017.63	
12,700.00	90.00	0.00	8,570.00	5,303.00	4,082.52	-693.10	4,140.09	0.00	392,245.92	722,017.63	
12,800.00	90.00	0.00	8,570.00	5,303.00	4,182.52	-693.10	4,239.00	0.00	392,345.92	722,017.63	
12,900.00	90.00	0.00	8,570.00	5,303.00	4,282.52	-693.10	4,337.91	0.00	392,445.92	722,017.63	
13,000.00	90.00	0.00	8,570.00	5,303.00	4,382.52	-693.10	4,436.81	0.00	392,545.92	722,017.63	
13,100.00	90.00	0.00	8,570.00	5,303.00	4,482.52	-693.10	4,535.72	0.00	392,645.92	722,017.63	
13,200.00	90.00	0.00	8,570.00	5,303.00	4,582.52	-693.10	4,634.62	0.00	392,745.92	722,017.63	
13,265.13	90.00	0.00	8,570.00	5,303.00	4,647.65	-693.10	4,699.05	0.00	392,811.05	722,017.63	
BHL (Snapping 8)											

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County, NM (NAD 83)	TVD Reference:	WELL @ 3267.00ft (Original Well Elev)
Site:	Snapping 2 State	MD Reference:	WELL @ 3267.00ft (Original Well Elev)
Well:	#8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	Database:	1 Smith Database

Targets									
Target Name	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- hit/miss target	(°)	(°)	(ft)	(ft)	(ft)	(ft)	(ft)		
- Shape									
BHL (Snapping 8)	0.00	0.00	8,570.00	4,647.65	-693.10	392,811.05	722,017.63	32° 4' 42.867713 N	3° 44' 59.921363 W
- plan hits target center									
- Point									

Checked By: _____ Approved By: _____ Date: _____



Project: Eddy County, NM (NAD 83)
Site: Snapping 2 State
Well: #8H
Wellbore: OH
Plan: Plan #2 (#8H/OH)

PATHFINDER
A Schlumberger Company

WELL DETAILS: #8H

Ground Elevation 3241.00
RKB Elevation: WELL @ 3287.00ft (Original Well Elev)
Rig Name: Original Well Elev

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	388163.40	722710.73	32° 3' 56" 838412 N	103° 44' 52.158817 W	

SECTION DETAILS

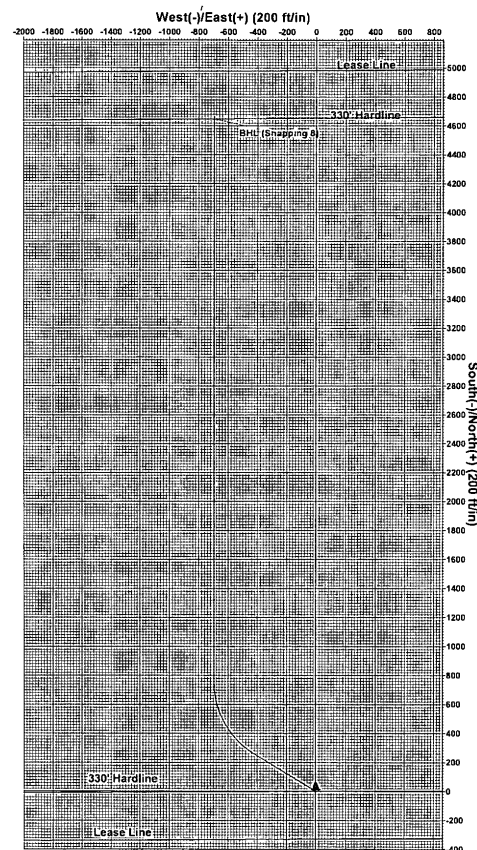
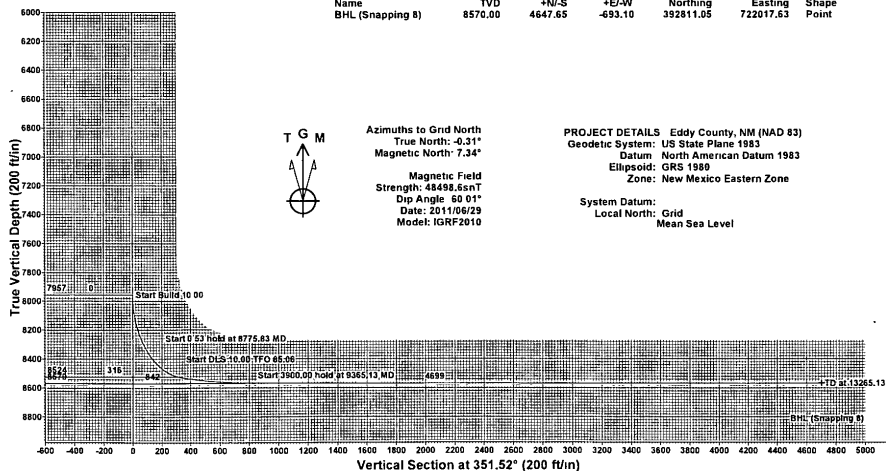
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	7957.04	0.00	0.00	7957.04	0.00	0.00	0.00	0.00	0.00	
3	8775.83	81.88	301.47	8524.25	255.89	-419.84	10.00	301.47	315.98	
4	8776.36	81.88	301.47	8524.33	257.16	-420.08	0.00	0.00	315.31	
5	9365.13	90.00	0.00	8570.00	747.65	-693.10	10.00	85.66	841.70	
6	13265.13	90.00	0.00	8570.00	4647.65	-693.10	0.00	0.00	4699.05	BHL (Snapping 8)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Snapping 8)	8570.00	4647.65	-693.10	392811.05	722017.63	Point

Azimuths to Grid North
True North: -0.31°
Magnetic North: 7.34°
Magnetic Field
Strength: 48498.5nT
Dip Angle: 60.01°
Date: 2011/06/29
Model: IGRF2010

PROJECT DETAILS: Eddy County, NM (NAD 83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum:
Local North: Grid
Mean Sea Level



Plan: Plan #2 (#8H/OH)
Created By: Kurt Otto Date: 11-03, June 29 2011