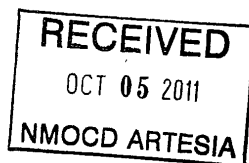




Devon Energy, Inc.

Eddy County
Snapping 2 State
#8H
OH

30-015-39165



Plan: Plan #1

Pathfinder X & Y Report

30 September, 2011

PATHFINDER

A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Gnd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000:1 Single User Db

Project	Eddy County
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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
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Site Position:		Northing:	388,152.190 usft	Latitude:	32° 3' 56.850 N
From:	Map	Easting:	720,418.150 usft	Longitude:	103° 45' 18.802 W
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.31 °

Well	#8H
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Well Position	+N/-S	0.0 usft	Northing:	388,163.320 usft	Latitude:	32° 3' 56.839 N
	+E/-W	0.0 usft	Easting:	722,685.280 usft	Longitude:	103° 44' 52.455 W
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,241.0 usft

Wellbore	OH
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Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	9/30/2011	7.61	60.03	48,511

Design	Plan #1
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Audit Notes:	
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Version:	Phase:	PLAN	Tie On Depth:	0.0
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Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.0	0.0	0.0	351.83

Survey Tool Program	Date	9/30/2011
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From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
0.0	13,586.4	Plan #1 (OH)	Pathfinder	Pathfinder MWD

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey												
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)		
0.0	0.00	0.00	0.0	-3,266.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
100.0	0.00	0.00	100.0	-3,166.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
200.0	0.00	0.00	200.0	-3,066.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
300.0	0.00	0.00	300.0	-2,966.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
400.0	0.00	0.00	400.0	-2,866.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
500.0	0.00	0.00	500.0	-2,766.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
600.0	0.00	0.00	600.0	-2,666.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
700.0	0.00	0.00	700.0	-2,566.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
800.0	0.00	0.00	800.0	-2,466.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
900.0	0.00	0.00	900.0	-2,366.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,000.0	0.00	0.00	1,000.0	-2,266.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,100.0	0.00	0.00	1,100.0	-2,166.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,200.0	0.00	0.00	1,200.0	-2,066.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,300.0	0.00	0.00	1,300.0	-1,966.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,400.0	0.00	0.00	1,400.0	-1,866.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,500.0	0.00	0.00	1,500.0	-1,766.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,600.0	0.00	0.00	1,600.0	-1,666.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,700.0	0.00	0.00	1,700.0	-1,566.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,800.0	0.00	0.00	1,800.0	-1,466.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
1,900.0	0.00	0.00	1,900.0	-1,366.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,000.0	0.00	0.00	2,000.0	-1,266.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,100.0	0.00	0.00	2,100.0	-1,166.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,200.0	0.00	0.00	2,200.0	-1,066.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,300.0	0.00	0.00	2,300.0	-966.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,400.0	0.00	0.00	2,400.0	-866.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,500.0	0.00	0.00	2,500.0	-766.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		
2,600.0	0.00	0.00	2,600.0	-666.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28		

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Grd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (")	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
2,700.0	0.00	0.00	2,700.0	-566.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
2,800.0	0.00	0.00	2,800.0	-466.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
2,900.0	0.00	0.00	2,900.0	-366.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,000.0	0.00	0.00	3,000.0	-266.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,100.0	0.00	0.00	3,100.0	-166.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,200.0	0.00	0.00	3,200.0	-66.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,300.0	0.00	0.00	3,300.0	34.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,400.0	0.00	0.00	3,400.0	134.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,500.0	0.00	0.00	3,500.0	234.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,600.0	0.00	0.00	3,600.0	334.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,700.0	0.00	0.00	3,700.0	434.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,800.0	0.00	0.00	3,800.0	534.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
3,900.0	0.00	0.00	3,900.0	634.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,000.0	0.00	0.00	4,000.0	734.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,100.0	0.00	0.00	4,100.0	834.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,200.0	0.00	0.00	4,200.0	934.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,300.0	0.00	0.00	4,300.0	1,034.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,400.0	0.00	0.00	4,400.0	1,134.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,500.0	0.00	0.00	4,500.0	1,234.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,600.0	0.00	0.00	4,600.0	1,334.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,700.0	0.00	0.00	4,700.0	1,434.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,800.0	0.00	0.00	4,800.0	1,534.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
4,900.0	0.00	0.00	4,900.0	1,634.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,000.0	0.00	0.00	5,000.0	1,734.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,100.0	0.00	0.00	5,100.0	1,834.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,200.0	0.00	0.00	5,200.0	1,934.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,300.0	0.00	0.00	5,300.0	2,034.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Grd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
5,400.0	0.00	0.00	5,400.0	2,134.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,500.0	0.00	0.00	5,500.0	2,234.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,600.0	0.00	0.00	5,600.0	2,334.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,700.0	0.00	0.00	5,700.0	2,434.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,800.0	0.00	0.00	5,800.0	2,534.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
5,900.0	0.00	0.00	5,900.0	2,634.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,000.0	0.00	0.00	6,000.0	2,734.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,100.0	0.00	0.00	6,100.0	2,834.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,200.0	0.00	0.00	6,200.0	2,934.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,300.0	0.00	0.00	6,300.0	3,034.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,400.0	0.00	0.00	6,400.0	3,134.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,500.0	0.00	0.00	6,500.0	3,234.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,600.0	0.00	0.00	6,600.0	3,334.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,700.0	0.00	0.00	6,700.0	3,434.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,800.0	0.00	0.00	6,800.0	3,534.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
6,900.0	0.00	0.00	6,900.0	3,634.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,000.0	0.00	0.00	7,000.0	3,734.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,100.0	0.00	0.00	7,100.0	3,834.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,200.0	0.00	0.00	7,200.0	3,934.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,300.0	0.00	0.00	7,300.0	4,034.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,400.0	0.00	0.00	7,400.0	4,134.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,500.0	0.00	0.00	7,500.0	4,234.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,600.0	0.00	0.00	7,600.0	4,334.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,700.0	0.00	0.00	7,700.0	4,434.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,800.0	0.00	0.00	7,800.0	4,534.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
7,900.0	0.00	0.00	7,900.0	4,634.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
8,000.0	0.00	0.00	8,000.0	4,734.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Gnd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
8,100.0	0.00	0.00	8,100.0	4,834.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
8,200.0	0.00	0.00	8,200.0	4,934.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
8,300.0	0.00	0.00	8,300.0	5,034.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
8,400.0	0.00	0.00	8,400.0	5,134.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
8,417.0	0.00	0.00	8,417.0	5,151.0	0.0	0.0	0.0	0.00	388,163.32	722,685.28	
8,450.0	3.30	321.51	8,450.0	5,184.0	0.7	-0.6	0.8	10.00	388,164.06	722,684.69	
8,500.0	8.30	321.51	8,499.7	5,233.7	4.7	-3.7	5.2	10.00	388,168.02	722,681.54	
8,550.0	13.30	321.51	8,548.8	5,282.8	12.0	-9.6	13.3	10.00	388,175.35	722,675.72	
8,600.0	18.30	321.51	8,596.9	5,330.9	22.7	-18.0	25.0	10.00	388,186.00	722,667.25	
8,650.0	23.30	321.51	8,643.6	5,377.6	36.6	-29.1	40.3	10.00	388,199.89	722,656.20	
8,700.0	28.30	321.51	8,688.6	5,422.6	53.6	-42.6	59.1	10.00	388,216.92	722,642.66	
8,750.0	33.30	321.51	8,731.6	5,465.6	73.6	-58.6	81.2	10.00	388,236.95	722,626.73	
8,800.0	38.30	321.51	8,772.1	5,506.1	96.5	-76.7	106.5	10.00	388,259.84	722,608.53	
8,850.0	43.30	321.51	8,809.9	5,543.9	122.1	-97.1	134.6	10.00	388,285.40	722,588.20	
8,900.0	48.30	321.51	8,844.8	5,578.8	150.1	-119.4	165.6	10.00	388,313.45	722,565.90	
8,950.0	53.30	321.51	8,876.4	5,610.4	180.5	-143.5	199.0	10.00	388,343.77	722,541.79	
9,000.0	58.30	321.51	8,904.5	5,638.5	212.8	-169.2	234.7	10.00	388,376.13	722,516.06	
9,050.0	63.30	321.51	8,928.9	5,662.9	247.0	-196.4	272.4	10.00	388,410.28	722,488.91	
9,100.0	68.30	321.51	8,949.4	5,683.4	282.6	-224.7	311.7	10.00	388,445.97	722,460.53	
9,150.0	73.30	321.51	8,965.8	5,699.8	319.6	-254.1	352.5	10.00	388,482.91	722,431.16	
9,200.0	78.30	321.51	8,978.1	5,712.1	357.5	-284.3	394.3	10.00	388,520.84	722,401.00	
9,250.0	83.30	321.51	8,986.0	5,720.0	396.1	-315.0	436.9	10.00	388,559.46	722,370.29	
9,300.0	88.30	321.51	8,989.7	5,723.7	435.2	-346.0	479.9	10.00	388,598.48	722,339.26	
9,317.0	90.00	321.51	8,990.0	5,724.0	448.5	-356.6	494.6	10.00	388,611.78	722,328.68	
9,400.0	90.00	324.83	8,990.0	5,724.0	514.9	-406.3	567.4	4.00	388,678.21	722,278.94	
9,500.0	90.00	328.83	8,990.0	5,724.0	598.6	-461.0	658.1	4.00	388,761.90	722,224.24	
9,600.0	90.00	332.83	8,990.0	5,724.0	685.9	-509.8	751.4	4.00	388,849.20	722,175.51	

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Gnd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey:											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
9,700.0	90.00	336.83	8,990.0	5,724.0	776.4	-552.3	847.0	4.00	388,939.68	722,132.98	
9,800.0	90.00	340.83	8,990.0	5,724.0	869.6	-588.4	944.4	4.00	389,032.92	722,096.88	
9,900.0	90.00	344.83	8,990.0	5,724.0	965.1	-617.9	1,043.2	4.00	389,128.44	722,067.36	
10,000.0	90.00	348.83	8,990.0	5,724.0	1,062.5	-640.7	1,142.8	4.00	389,225.79	722,044.58	
10,100.0	90.00	352.83	8,990.0	5,724.0	1,161.2	-656.6	1,242.7	4.00	389,324.49	722,028.65	
10,200.0	90.00	356.83	8,990.0	5,724.0	1,260.7	-665.6	1,342.6	4.00	389,424.06	722,019.64	
10,279.2	90.00	0.00	8,990.0	5,724.0	1,340.0	-667.8	1,421.3	4.00	389,503.27	722,017.45	
10,300.0	90.00	0.00	8,990.0	5,724.0	1,360.7	-667.8	1,441.8	0.01	389,524.02	722,017.45	
10,334.2	90.00	0.00	8,990.0	5,724.0	1,394.9	-667.8	1,475.7	0.01	389,558.24	722,017.45	
10,400.0	90.00	0.00	8,990.0	5,724.0	1,460.7	-667.8	1,540.8	0.00	389,624.02	722,017.45	
10,500.0	90.00	0.00	8,990.0	5,724.0	1,560.7	-667.8	1,639.8	0.00	389,724.02	722,017.46	
10,600.0	90.00	0.00	8,990.0	5,724.0	1,660.7	-667.8	1,738.8	0.00	389,824.02	722,017.46	
10,700.0	90.00	0.00	8,990.0	5,724.0	1,760.7	-667.8	1,837.8	0.00	389,924.02	722,017.47	
10,800.0	90.00	0.00	8,990.0	5,724.0	1,860.7	-667.8	1,936.8	0.00	390,024.02	722,017.48	
10,900.0	90.00	0.00	8,990.0	5,724.0	1,960.7	-667.8	2,035.7	0.00	390,124.02	722,017.48	
11,000.0	90.00	0.00	8,990.0	5,724.0	2,060.7	-667.8	2,134.7	0.00	390,224.02	722,017.49	
11,100.0	90.00	0.00	8,990.0	5,724.0	2,160.7	-667.8	2,233.7	0.00	390,324.02	722,017.49	
11,200.0	90.00	0.00	8,990.0	5,724.0	2,260.7	-667.8	2,332.7	0.00	390,424.02	722,017.50	
11,300.0	90.00	0.00	8,990.0	5,724.0	2,360.7	-667.8	2,431.7	0.00	390,524.02	722,017.50	
11,400.0	90.00	0.00	8,990.0	5,724.0	2,460.7	-667.8	2,530.7	0.00	390,624.02	722,017.51	
11,500.0	90.00	0.00	8,990.0	5,724.0	2,560.7	-667.8	2,629.6	0.00	390,724.02	722,017.51	
11,600.0	90.00	0.00	8,990.0	5,724.0	2,660.7	-667.8	2,728.6	0.00	390,824.02	722,017.52	
11,700.0	90.00	0.00	8,990.0	5,724.0	2,760.7	-667.8	2,827.6	0.00	390,924.02	722,017.53	
11,800.0	90.00	0.00	8,990.0	5,724.0	2,860.7	-667.7	2,926.6	0.00	391,024.02	722,017.53	
11,900.0	90.00	0.00	8,990.0	5,724.0	2,960.7	-667.7	3,025.6	0.00	391,124.02	722,017.54	
12,000.0	90.00	0.00	8,990.0	5,724.0	3,060.7	-667.7	3,124.6	0.00	391,224.02	722,017.54	
12,100.0	90.00	0.00	8,990.0	5,724.0	3,160.7	-667.7	3,223.5	0.00	391,324.02	722,017.55	

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #8H
Project:	Eddy County	TVD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Site:	Snapping 2 State	MD Reference:	KB = 25 @ 3266.0usft (H&P 416)
Well:	#8H	North Reference:	Gnd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #1	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
12,200.0	90.00	0.00	8,990.0	5,724.0	3,260.7	-667.7	3,322.5	0.00	391,424.02	722,017.55	
12,300.0	90.00	0.00	8,990.0	5,724.0	3,360.7	-667.7	3,421.5	0.00	391,524.02	722,017.56	
12,400.0	90.00	0.00	8,990.0	5,724.0	3,460.7	-667.7	3,520.5	0.00	391,624.02	722,017.56	
12,500.0	90.00	0.00	8,990.0	5,724.0	3,560.7	-667.7	3,619.5	0.00	391,724.02	722,017.57	
12,600.0	90.00	0.00	8,990.0	5,724.0	3,660.7	-667.7	3,718.5	0.00	391,824.02	722,017.58	
12,700.0	90.00	0.00	8,990.0	5,724.0	3,760.7	-667.7	3,817.4	0.00	391,924.02	722,017.58	
12,800.0	90.00	0.00	8,990.0	5,724.0	3,860.7	-667.7	3,916.4	0.00	392,024.02	722,017.59	
12,900.0	90.00	0.00	8,990.0	5,724.0	3,960.7	-667.7	4,015.4	0.00	392,124.02	722,017.59	
13,000.0	90.00	0.00	8,990.0	5,724.0	4,060.7	-667.7	4,114.4	0.00	392,224.02	722,017.60	
13,100.0	90.00	0.00	8,990.0	5,724.0	4,160.7	-667.7	4,213.4	0.00	392,324.02	722,017.60	
13,200.0	90.00	0.00	8,990.0	5,724.0	4,260.7	-667.7	4,312.3	0.00	392,424.02	722,017.61	
13,300.0	90.00	0.00	8,990.0	5,724.0	4,360.7	-667.7	4,411.3	0.00	392,524.02	722,017.61	
13,400.0	90.00	0.00	8,990.0	5,724.0	4,460.7	-667.7	4,510.3	0.00	392,624.02	722,017.62	
13,500.0	90.00	0.00	8,990.0	5,724.0	4,560.7	-667.7	4,609.3	0.00	392,724.02	722,017.63	
13,587.0	90.00	0.00	8,990.0	5,724.0	4,647.7	-667.7	4,695.4	0.00	392,811.05	722,017.63	

Checked By: _____	Approved By: _____	Date: _____
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Project: Eddy County
Site: Snapping 2 State
Well: #8H
Wellbore: OH
Plan: Plan #1 (#8H/OH)



A Schlumberger Company

West(-)/East(+) (200 usft/in)

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



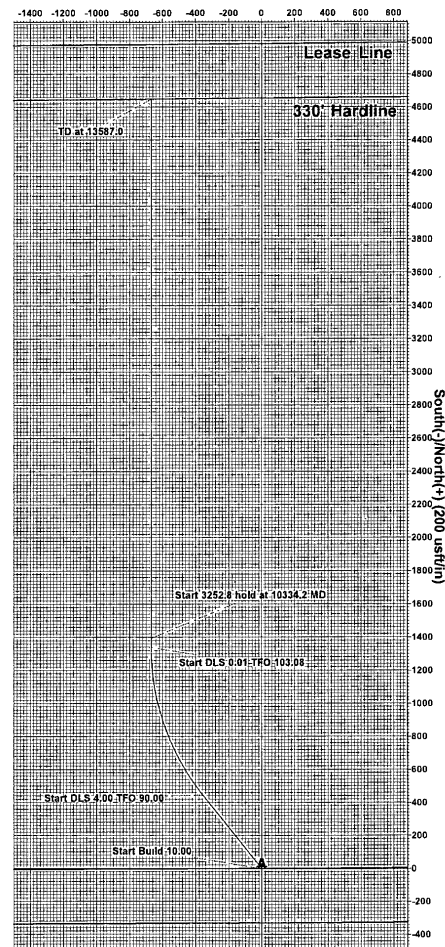
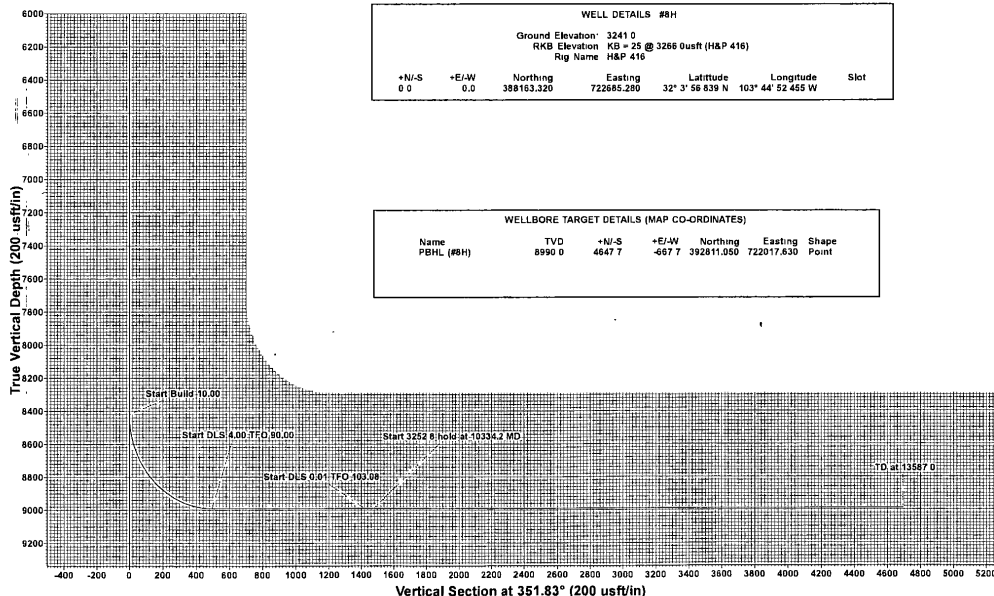
Azimuths to Grid North
True North: -0.31°
Magnetic North: 7.30°

Magnetic Field
Strength: 48511.5nT
Dip Angle: 60.03°
Date: 9/30/2011
Model: IGRF200510

SECTION DETAILS											
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Deg	TFace	VSec	Target	
1	0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00	0.0		
2	8417.0	0.00	0.00	8417.0	0.0	0.0	0.00	0.00	0.0		
3	9317.0	80.00	321.51	8990.0	448.5	-356.6	10.00	321.51	494.6		
4	10275.2	90.00	0.00	8990.0	1340.0	-667.8	4.00	90.00	1421.3		
5	10334.2	90.00	0.00	8990.0	1394.9	-667.8	0.01	103.08	1475.7		
6	13587.0	90.00	0.00	8990.0	4647.7	-667.7	0.00	0.00	4695.4	PBHL (#8H)	

WELL DETAILS: #8H						
Ground Elevation: 3241.0						
RKB Elevation: KB = 25 @ 3266.0usft (H&P 416)						
Rig Name: H&P 416						
+N/-S	+E/-W	North	Easting	Latitude	Longitude	Slot
0.0	0.0	398163.320	722685.280	32° 3' 56.839 N	103° 44' 52.455 W	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N/-S	+E/-W	North	Easting
PBHL (#8H)	8990.0	4647.7	-667.7	392811.050	722017.630
				Point	



Plan: Plan #1 (#8H/OH)
Created By: Sam Biffle Date: 14 05, September 30 2011