



30-015-39328

Devon Energy, Inc.

Eddy County
Coral PWU 28
#4H
OH

Plan: Plan #2

Pathfinder X&Y Report

09 August, 2011

The logo for Pathfinder, featuring the word "PATHFINDER" in a bold, sans-serif font. A stylized, thick line starts under the "P", goes under the "A", and then curves upwards and to the right, ending under the "R".

PATHFINDER®

A Schlumberger Company



Pathfinder
Pathfinder X&Y Report

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Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #4H
Project:	Eddy County	TVD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Site:	Coral PWU 28	MD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Well:	#4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	Database:	EDM 5000.1 Single User Db

Project	Eddy County		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Coral PWU 28		
Site Position:		Northing:	591,344.610 usft
From:	Map	Easting:	621,016.910 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 37' 31.403 N
		Longitude:	104° 4' 28.277 W
		Grid Convergence:	0.14 °

Well	#4H		
Well Position	+N/-S	0.00 usft	Northing: 591,344.610 usft
	+E/-W	0.00 usft	Easting: 621,016.910 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 37' 31.403 N
		Longitude:	104° 4' 28.277 W
		Ground Level:	3,302.00 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength
	IGRF200510	8/9/2011	(°) 7.82	(°) 60.49	(nT) 48,825

Design	Plan #2			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction
	(usft)	(usft)	(usft)	(°)
	0.00	0.00	0.00	0.07

Survey Tool Program	Date 8/9/2011			
From	To	Survey (Wellbore)	Tool Name	Description
(usft)	(usft)			
0.00	12,398.67	Plan #2 (OH)	Pathfinder	Pathfinder MWD



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Company: Devon Energy, Inc.
Project: Eddy County
Site: Coral PWU 28
Well: #4H
Wellbore: OH
Design: Plan #2

Local Co-ordinate Reference:
TVD Reference:
MD Reference:
North Reference:
Survey Calculation Method:
Database:

Well #4H
KB=26.2'L @ 3328.20usft (Original Well Elev)
KB=26.2'L @ 3328.20usft (Original Well Elev)
Grid
Minimum Curvature
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)	
0.00	0.00	0.00	0.00	-3,328.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
100.00	0.00	0.00	100.00	-3,228.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
200.00	0.00	0.00	200.00	-3,128.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
300.00	0.00	0.00	300.00	-3,028.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
400.00	0.00	0.00	400.00	-2,928.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
500.00	0.00	0.00	500.00	-2,828.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
600.00	0.00	0.00	600.00	-2,728.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
700.00	0.00	0.00	700.00	-2,628.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
800.00	0.00	0.00	800.00	-2,528.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
900.00	0.00	0.00	900.00	-2,428.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,000.00	0.00	0.00	1,000.00	-2,328.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,100.00	0.00	0.00	1,100.00	-2,228.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,200.00	0.00	0.00	1,200.00	-2,128.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,300.00	0.00	0.00	1,300.00	-2,028.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,400.00	0.00	0.00	1,400.00	-1,928.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,500.00	0.00	0.00	1,500.00	-1,828.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,600.00	0.00	0.00	1,600.00	-1,728.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,700.00	0.00	0.00	1,700.00	-1,628.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,800.00	0.00	0.00	1,800.00	-1,528.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
1,900.00	0.00	0.00	1,900.00	-1,428.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,000.00	0.00	0.00	2,000.00	-1,328.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,100.00	0.00	0.00	2,100.00	-1,228.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,200.00	0.00	0.00	2,200.00	-1,128.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,300.00	0.00	0.00	2,300.00	-1,028.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,400.00	0.00	0.00	2,400.00	-928.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,500.00	0.00	0.00	2,500.00	-828.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,600.00	0.00	0.00	2,600.00	-728.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	



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Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #4H
Project:	Eddy County	TVD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Site:	Coral PWU 28	MD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Well:	#4H	North Reference:	Grd
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	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)	
2,700.00	0.00	0.00	2,700.00	-628.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,800.00	0.00	0.00	2,800.00	-528.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
2,900.00	0.00	0.00	2,900.00	-428.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,000.00	0.00	0.00	3,000.00	-328.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,100.00	0.00	0.00	3,100.00	-228.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,200.00	0.00	0.00	3,200.00	-128.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,300.00	0.00	0.00	3,300.00	-28.20	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,400.00	0.00	0.00	3,400.00	71.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,500.00	0.00	0.00	3,500.00	171.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,600.00	0.00	0.00	3,600.00	271.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,700.00	0.00	0.00	3,700.00	371.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,800.00	0.00	0.00	3,800.00	471.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
3,900.00	0.00	0.00	3,900.00	571.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,000.00	0.00	0.00	4,000.00	671.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,100.00	0.00	0.00	4,100.00	771.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,200.00	0.00	0.00	4,200.00	871.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,300.00	0.00	0.00	4,300.00	971.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,400.00	0.00	0.00	4,400.00	1,071.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,500.00	0.00	0.00	4,500.00	1,171.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,600.00	0.00	0.00	4,600.00	1,271.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,700.00	0.00	0.00	4,700.00	1,371.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,800.00	0.00	0.00	4,800.00	1,471.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
4,900.00	0.00	0.00	4,900.00	1,571.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,000.00	0.00	0.00	5,000.00	1,671.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,100.00	0.00	0.00	5,100.00	1,771.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,200.00	0.00	0.00	5,200.00	1,871.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,300.00	0.00	0.00	5,300.00	1,971.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	



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Site:	Coral PWU 28	MD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Well:	#4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	Database:	EDM 5000.1 Single User Db

Planned Survey											
MD (usft)	Inc (°)	Azl (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)	
5,400.00	0.00	0.00	5,400.00	2,071.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,500.00	0.00	0.00	5,500.00	2,171.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,600.00	0.00	0.00	5,600.00	2,271.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,700.00	0.00	0.00	5,700.00	2,371.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,800.00	0.00	0.00	5,800.00	2,471.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
5,900.00	0.00	0.00	5,900.00	2,571.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,000.00	0.00	0.00	6,000.00	2,671.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,100.00	0.00	0.00	6,100.00	2,771.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,200.00	0.00	0.00	6,200.00	2,871.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,300.00	0.00	0.00	6,300.00	2,971.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,400.00	0.00	0.00	6,400.00	3,071.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,500.00	0.00	0.00	6,500.00	3,171.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,600.00	0.00	0.00	6,600.00	3,271.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,700.00	0.00	0.00	6,700.00	3,371.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,800.00	0.00	0.00	6,800.00	3,471.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
6,900.00	0.00	0.00	6,900.00	3,571.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,000.00	0.00	0.00	7,000.00	3,671.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,100.00	0.00	0.00	7,100.00	3,771.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,200.00	0.00	0.00	7,200.00	3,871.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,300.00	0.00	0.00	7,300.00	3,971.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,400.00	0.00	0.00	7,400.00	4,071.80	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,437.13	0.00	0.00	7,437.13	4,108.93	0.00	0.00	0.00	0.00	591,344.61	621,016.91	
7,450.00	1.29	0.07	7,450.00	4,121.80	0.14	0.00	0.14	10.00	591,344.75	621,016.91	
7,500.00	6.29	0.07	7,499.87	4,171.67	3.45	0.00	3.45	10.00	591,348.06	621,016.91	
7,550.00	11.29	0.07	7,549.27	4,221.07	11.08	0.01	11.08	10.00	591,355.69	621,016.92	
7,600.00	16.29	0.07	7,597.82	4,269.62	22.99	0.03	22.99	10.00	591,367.60	621,016.94	
7,650.00	21.29	0.07	7,645.14	4,316.94	39.09	0.05	39.09	10.00	591,383.70	621,016.96	



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Site:	Coral PWU 28	MD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Well:	#4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	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)	
7,700.00	26.29	0.07	7,690.87	4,362.67	59.25	0.07	59.25	10.00	591,403.86	621,016.98	
7,750.00	31.29	0.07	7,734.68	4,406.48	83.32	0.10	83.32	10.00	591,427.93	621,017.01	
7,800.00	36.29	0.07	7,776.22	4,448.02	111.12	0.13	111.12	10.00	591,455.73	621,017.04	
7,850.00	41.29	0.07	7,815.19	4,486.99	142.43	0.17	142.43	10.00	591,487.04	621,017.08	
7,900.00	46.29	0.07	7,851.27	4,523.07	177.02	0.21	177.02	10.00	591,521.63	621,017.12	
7,950.00	51.29	0.07	7,884.20	4,556.00	214.62	0.25	214.62	10.00	591,559.23	621,017.16	
8,000.00	56.29	0.07	7,913.73	4,585.53	254.95	0.30	254.95	10.00	591,599.56	621,017.21	
8,050.00	61.29	0.07	7,939.64	4,611.44	297.70	0.35	297.70	10.00	591,642.31	621,017.26	
8,100.00	66.29	0.07	7,961.71	4,633.51	342.54	0.41	342.54	10.00	591,687.15	621,017.32	
8,150.00	71.29	0.07	7,979.80	4,651.60	389.14	0.46	389.14	10.00	591,733.75	621,017.37	
8,200.00	76.29	0.07	7,993.76	4,665.56	437.13	0.52	437.13	10.00	591,781.74	621,017.43	
8,250.00	81.29	0.07	8,003.48	4,675.28	486.16	0.58	486.16	10.00	591,830.77	621,017.49	
8,300.00	86.29	0.07	8,008.89	4,680.69	535.85	0.63	535.85	10.00	591,880.46	621,017.54	
8,347.03	90.99	0.07	8,010.00	4,681.80	582.86	0.69	582.86	10.00	591,927.47	621,017.60	
8,400.00	90.99	0.07	8,009.09	4,680.89	635.82	0.75	635.82	0.00	591,980.43	621,017.66	
8,500.00	90.99	0.07	8,007.36	4,679.16	735.80	0.87	735.80	0.00	592,080.41	621,017.78	
8,600.00	90.99	0.07	8,005.63	4,677.43	835.79	0.99	835.79	0.00	592,180.40	621,017.90	
8,700.00	90.99	0.07	8,003.90	4,675.70	935.77	1.11	935.77	0.00	592,280.38	621,018.02	
8,800.00	90.99	0.07	8,002.18	4,673.98	1,035.76	1.23	1,035.76	0.00	592,380.37	621,018.14	
8,900.00	90.99	0.07	8,000.45	4,672.25	1,135.74	1.35	1,135.74	0.00	592,480.35	621,018.26	
9,000.00	90.99	0.07	7,998.72	4,670.52	1,235.73	1.46	1,235.73	0.00	592,580.34	621,018.37	
9,100.00	90.99	0.07	7,996.99	4,668.79	1,335.71	1.58	1,335.71	0.00	592,680.32	621,018.49	
9,200.00	90.99	0.07	7,995.27	4,667.07	1,435.70	1.70	1,435.70	0.00	592,780.31	621,018.61	
9,300.00	90.99	0.07	7,993.54	4,665.34	1,535.68	1.82	1,535.69	0.00	592,880.29	621,018.73	
9,400.00	90.99	0.07	7,991.81	4,663.61	1,635.67	1.94	1,635.67	0.00	592,980.28	621,018.85	
9,500.00	90.99	0.07	7,990.08	4,661.88	1,735.65	2.06	1,735.66	0.00	593,080.26	621,018.97	
9,600.00	90.99	0.07	7,988.35	4,660.15	1,835.64	2.17	1,835.64	0.00	593,180.25	621,019.08	



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #4H
Project:	Eddy County	TVD Reference:	KB=26.2'L @ 3328 20usft (Original Well Elev)
Site:	Coral PWU 28	MD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Well:	#4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	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)	
9,700.00	90.99	0.07	7,986.63	4,658.43	1,935.62	2.29	1,935.63	0.00	593,280.23	621,019.20	
9,800.00	90.99	0.07	7,984.90	4,656.70	2,035.61	2.41	2,035.61	0.00	593,380.22	621,019.32	
9,900.00	90.99	0.07	7,983.17	4,654.97	2,135.59	2.53	2,135.60	0.00	593,480.20	621,019.44	
10,000.00	90.99	0.07	7,981.44	4,653.24	2,235.58	2.65	2,235.58	0.00	593,580.19	621,019.56	
10,100.00	90.99	0.07	7,979.72	4,651.52	2,335.56	2.77	2,335.57	0.00	593,680.17	621,019.68	
10,200.00	90.99	0.07	7,977.99	4,649.79	2,435.55	2.89	2,435.55	0.00	593,780.16	621,019.80	
10,300.00	90.99	0.07	7,976.26	4,648.06	2,535.53	3.00	2,535.54	0.00	593,880.14	621,019.91	
10,400.00	90.99	0.07	7,974.53	4,646.33	2,635.52	3.12	2,635.52	0.00	593,980.13	621,020.03	
10,500.00	90.99	0.07	7,972.81	4,644.61	2,735.50	3.24	2,735.51	0.00	594,080.11	621,020.15	
10,600.00	90.99	0.07	7,971.08	4,642.88	2,835.49	3.36	2,835.49	0.00	594,180.10	621,020.27	
10,700.00	90.99	0.07	7,969.35	4,641.15	2,935.47	3.48	2,935.48	0.00	594,280.08	621,020.39	
10,800.00	90.99	0.07	7,967.62	4,639.42	3,035.46	3.60	3,035.46	0.00	594,380.07	621,020.51	
10,900.00	90.99	0.07	7,965.89	4,637.69	3,135.44	3.71	3,135.45	0.00	594,480.05	621,020.62	
11,000.00	90.99	0.07	7,964.17	4,635.97	3,235.43	3.83	3,235.43	0.00	594,580.04	621,020.74	
11,100.00	90.99	0.07	7,962.44	4,634.24	3,335.41	3.95	3,335.42	0.00	594,680.02	621,020.86	
11,200.00	90.99	0.07	7,960.71	4,632.51	3,435.40	4.07	3,435.40	0.00	594,780.01	621,020.98	
11,300.00	90.99	0.07	7,958.98	4,630.78	3,535.38	4.19	3,535.39	0.00	594,879.99	621,021.10	
11,400.00	90.99	0.07	7,957.26	4,629.06	3,635.37	4.31	3,635.37	0.00	594,979.98	621,021.22	
11,500.00	90.99	0.07	7,955.53	4,627.33	3,735.35	4.43	3,735.36	0.00	595,079.96	621,021.34	
11,600.00	90.99	0.07	7,953.80	4,625.60	3,835.34	4.54	3,835.34	0.00	595,179.95	621,021.45	
11,700.00	90.99	0.07	7,952.07	4,623.87	3,935.32	4.66	3,935.33	0.00	595,279.93	621,021.57	
11,800.00	90.99	0.07	7,950.35	4,622.15	4,035.31	4.78	4,035.31	0.00	595,379.92	621,021.69	
11,900.00	90.99	0.07	7,948.62	4,620.42	4,135.29	4.90	4,135.30	0.00	595,479.90	621,021.81	
12,000.00	90.99	0.07	7,946.89	4,618.69	4,235.28	5.02	4,235.28	0.00	595,579.89	621,021.93	
12,100.00	90.99	0.07	7,945.16	4,616.96	4,335.26	5.14	4,335.27	0.00	595,679.87	621,022.05	
12,200.00	90.99	0.07	7,943.43	4,615.23	4,435.25	5.25	4,435.25	0.00	595,779.86	621,022.16	
12,300.00	90.99	0.07	7,941.71	4,613.51	4,535.23	5.37	4,535.24	0.00	595,879.84	621,022.28	



Pathfinder
Pathfinder X&Y Report

PATHFINDER
A Schlumberger Company

Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #4H
Project:	Eddy County	TVD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Site:	Coral PWU 28	MD Reference:	KB=26.2'L @ 3328.20usft (Original Well Elev)
Well:	#4H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	Plan #2	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)
12,398.80	90.99	0.07	7,940.00	4,611.80	4,634.02	5.49	4,634.02	0.00	595,978.63	621,022.40
BHL (Coral #4H)										

Checked By: _____	Approved By: _____	Date: _____
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Project: Eddy County
Site: Coral PWU 28
Well: #4H
Wellbore: OH
Plan: Plan #2 (#4H/OH)

PATHFINDER®
A Schlumberger Company

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

WELL DETAILS #4H

Ground Elevation: 3302.00
RKB Elevation: KB=26.2'L @ 3328.20usft (Original Well Elev)
Rig Name: Original Well Elev

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	591344.610	621016.910	32° 37' 31.403 N	104° 4' 28.277 W	

SECTION DETAILS

MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSect	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7437.13	0.00	0.00	7437.13	0.00	0.00	0.00	0.00	0.00	
8347.03	90.99	0.07	8010.00	582.86	0.69	10.00	0.07	582.86	
12398.80	90.99	0.07	7940.00	4634.02	5.49	0.00	0.00	4634.02	BHL (Coral #4H)

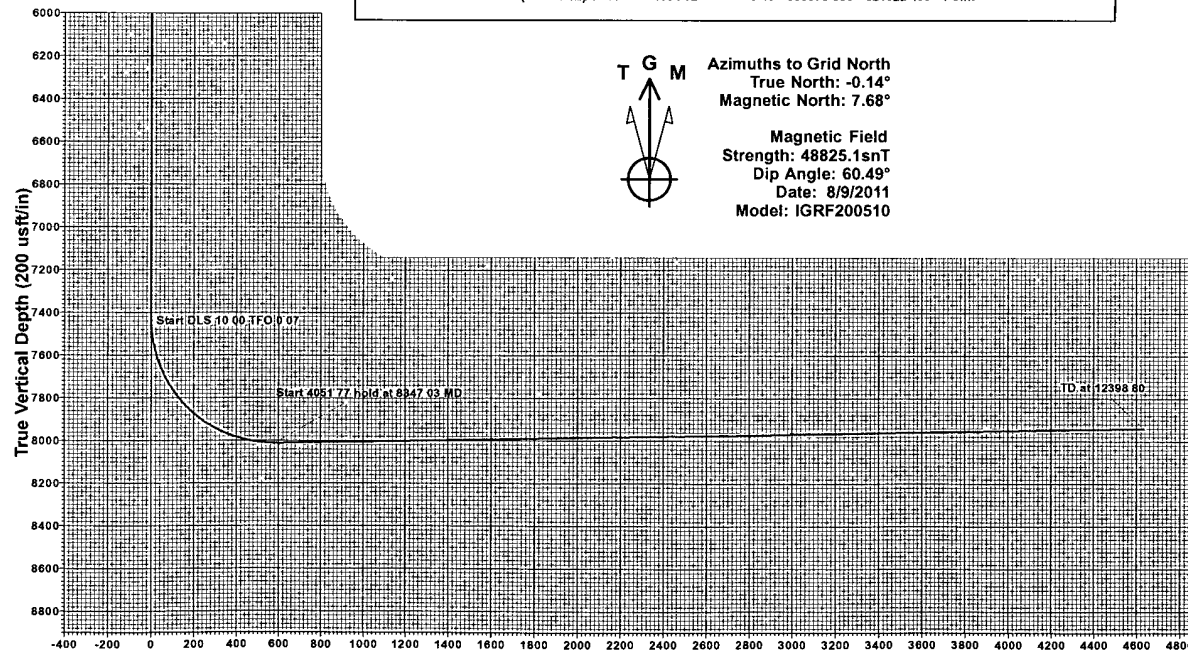
WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
BHL (Coral #4H)	7940.00	4634.02	5.49	595978.630	621022.400	Point

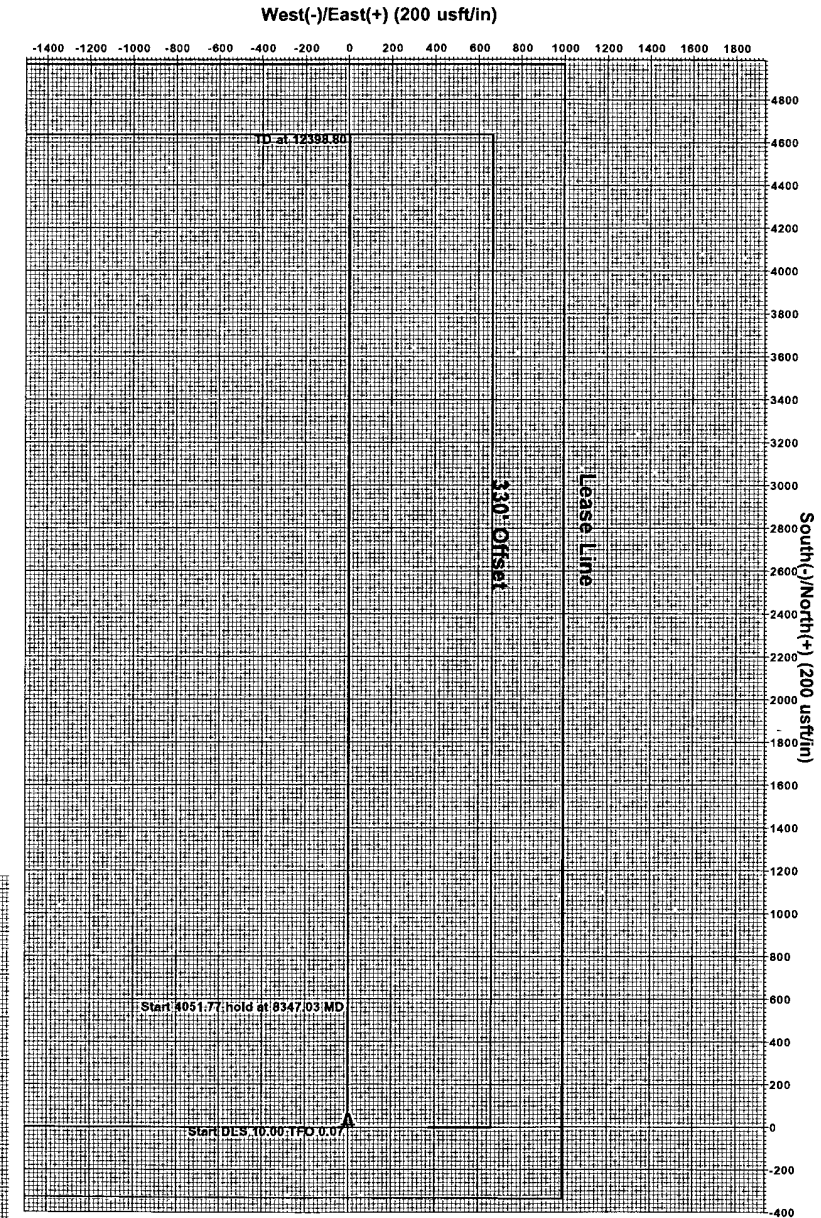


Azimuths to Grid North
True North: -0.14°
Magnetic North: 7.68°

Magnetic Field
Strength: 48825.1snT
Dip Angle: 60.49°
Date: 8/9/2011
Model: IGRF200510



Vertical Section at 0.07° (200 usft/in)



Plan: Plan #2 (#4H/OH)

Created By: Nate Blingham Date: 13.53, August 09 2011

Checked: _____ Date: _____