

30-015-41008

DEVON ENERGY

Hackberry (Nad 83)
Eddy County, NM
Agasti 27 Federal #2H
VH - Job #320213-KW-154

Survey: Gyro

SDI Standard Survey Report

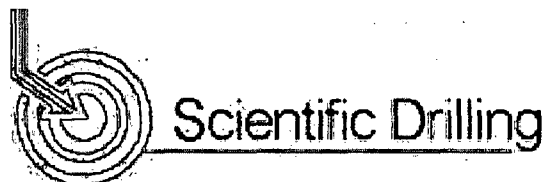
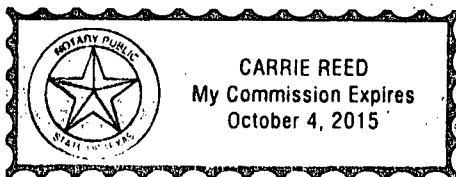
This survey is correct to the best of my knowledge and is supported by actual field data.

Richardson

Notarized this date 1st of March, 2013.

Carrie Reed

Notary Signature
County of Midland
State of Texas



Scientific Drilling International, Inc.

SDI Standard Survey Report



Company:	DEVON ENERGY	Local Co-ordinate Reference:	Well Agasti 27 Federal #2H
Project:	Hackberry (Nad 83)	TVD Reference:	WELL @ 0.00usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.00usft (Original Well Elev)
Well:	Agasti 27 Federal #2H	North Reference:	Grid
Wellbore:	VH - Job #320213-KW-154	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #320213-KW-154	Database:	EDM-Regulatory

Project	Hackberry (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		Eddy County, NM			
Site Position:		Northing:	602,783.73 usft	Latitude:	32° 39' 23.058 N
From:	Lat/Long	Easting:	669,825.44 usft	Longitude:	103° 54' 57.024 W
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16"	Grid Convergence:	0.23 °

Well	Agasti 27 Federal #2H, Directional					
Well Position	+N/-S	0.00 usft	Northing:	596,839.94 usft	Latitude:	32° 38' 23.604 N
	+E/-W	0.00 usft	Easting:	685,335.19 usft	Longitude:	103° 51' 55.911 W
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	0.00 usft

Wellbore		VH - Job #320213-KW-154			
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2010	02/11/13	7.55	60.48	48,694

Design		VH - Job #320213-KW-154		
Audit Notes:				
Version:	1.0	Phase:	ACTUAL	Tie On Depth: 0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	329.45

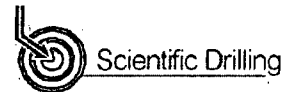
Survey Program		Date	04/19/13		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.00	9,043.00	Gyro (VH - Job #320213-KW-154)	Keeper	Keeper Gyro	

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.32	38.17	100.00	0.22	0.17	38.17	0.28
200.00	0.27	242.64	200.00	0.33	0.14	22.33	0.36
300.00	0.81	275.40	299.99	0.29	-0.78	290.40	0.83
400.00	1.71	288.40	399.97	0.83	-2.90	285.93	3.01
500.00	2.17	287.11	499.91	1.85	-6.12	286.85	6.40
600.00	2.21	284.06	599.84	2.88	-9.80	286.37	10.22
700.00	2.13	282.87	699.77	3.76	-13.48	285.59	14.00
800.00	1.66	291.25	799.71	4.70	-16.65	285.77	17.30
900.00	1.75	296.75	899.67	5.91	-19.36	286.99	20.24
1,000.00	1.45	288.17	999.63	7.00	-21.92	287.70	23.01
1,100.00	1.12	298.55	1,099.60	7.86	-23.98	288.14	25.24

Scientific Drilling International, Inc.

SDI Standard Survey Report



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Project:	Hackberry (Nad 83)	TVD Reference:	WELL @ 0.00usft (Original Well Elev)
Site:	Eddy County, NM	MD Reference:	WELL @ 0.00usft (Original Well Elev)
Well:	Agasti 27 Federal #2H	North Reference:	Grid
Wellbore:	VH - Job #320213-KW-154	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #320213-KW-154	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
1,200.00	1.18	302.42	1,199.58	8.88	-25.71	289.04	27.20
1,300.00	1.15	302.34	1,299.56	9.96	-27.43	289.97	29.18
1,400.00	0.81	303.87	1,399.55	10.90	-28.86	290.68	30.85
1,500.00	0.49	318.55	1,499.54	11.61	-29.73	291.33	31.92
1,600.00	0.33	344.40	1,599.54	12.21	-30.09	292.08	32.48
1,700.00	0.43	27.14	1,699.54	12.82	-30.00	293.14	32.63
1,800.00	0.63	32.60	1,799.53	13.62	-29.53	294.75	32.52
1,900.00	0.66	50.45	1,899.53	14.45	-28.79	296.64	32.21
2,000.00	0.60	68.20	1,999.52	15.01	-27.86	298.31	31.65
2,100.00	0.40	42.49	2,099.52	15.46	-27.14	299.66	31.24
2,200.00	0.44	40.39	2,199.51	16.01	-26.66	300.99	31.09
2,300.00	0.38	32.65	2,299.51	16.58	-26.23	302.30	31.03
2,400.00	0.26	67.86	2,399.51	16.95	-25.84	303.26	30.90
2,500.00	0.30	113.84	2,499.51	16.93	-25.39	303.69	30.51
2,600.00	0.38	118.15	2,599.51	16.66	-24.86	303.83	29.93
2,700.00	0.20	50.26	2,699.51	16.62	-24.43	304.22	29.55
2,800.00	0.12	169.48	2,799.51	16.63	-24.28	304.40	29.43
2,900.00	0.15	356.85	2,899.51	16.65	-24.27	304.46	29.43
3,000.00	0.11	200.83	2,999.51	16.70	-24.31	304.48	29.49
3,100.00	0.37	302.97	3,099.51	16.78	-24.61	304.29	29.79
3,200.00	0.51	338.38	3,199.50	17.37	-25.05	304.74	30.48
3,300.00	0.68	349.85	3,299.50	18.37	-25.32	305.96	31.28
3,400.00	0.64	7.51	3,399.49	19.51	-25.35	307.58	31.98
3,500.00	0.54	11.10	3,499.49	20.52	-25.18	309.18	32.49
3,600.00	0.62	8.59	3,599.48	21.52	-25.01	310.71	33.00
3,700.00	0.68	4.63	3,699.47	22.65	-24.88	312.30	33.65
3,800.00	0.44	22.55	3,799.47	23.59	-24.69	313.70	34.15
3,900.00	0.64	31.36	3,899.46	24.42	-24.25	315.20	34.42
4,000.00	0.73	29.79	3,999.46	25.45	-23.64	317.11	34.74
4,100.00	0.73	34.36	4,099.45	26.53	-22.97	319.12	35.09
4,200.00	0.65	28.20	4,199.44	27.56	-22.34	320.97	35.48
4,300.00	0.54	40.73	4,299.44	28.42	-21.76	322.55	35.79
4,400.00	0.55	45.79	4,399.43	29.11	-21.11	324.04	35.96
4,500.00	0.52	31.89	4,499.43	29.83	-20.53	325.46	36.21
4,600.00	0.17	9.01	4,599.43	30.36	-20.27	326.27	36.50
4,700.00	0.65	335.29	4,699.42	31.02	-20.48	326.57	37.17
4,800.00	1.27	62.88	4,799.41	32.04	-19.73	328.37	37.63
4,900.00	1.47	59.67	4,899.38	33.19	-17.64	332.02	37.59
5,000.00	1.51	67.62	4,999.35	34.34	-15.31	335.97	37.60
5,100.00	1.20	64.22	5,099.32	35.30	-13.15	339.57	37.67
5,200.00	1.00	71.34	5,199.30	36.03	-11.38	342.47	37.79
5,300.00	0.96	77.07	5,299.29	36.50	-9.74	345.06	37.78
5,400.00	1.12	64.86	5,399.27	37.10	-8.04	347.78	37.96
5,500.00	0.97	60.07	5,499.26	37.94	-6.42	350.40	38.48

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Site:	Eddy County, NM	MD Reference:	WELL @ 0.00usft (Original Well Elev)
Well:	Agasti 27 Federal #2H	North Reference:	Grid
Wellbore:	VH - Job #320213-KW-154	Survey Calculation Method:	Minimum Curvature
Design:	VH - Job #320213-KW-154	Database:	EDM-Regulatory

Survey							
Measured Depth (usft)	Inclination (°)	Azimuth (°)	True Vertical Depth	North/South (usft)	East/West (usft)	Closure Azimuth (°)	Closure Distance (usft)
5,600.00	1.00	63.29	5,599.24	38.76	-4.91	352.79	39.07
5,700.00	1.12	57.74	5,699.22	39.67	-3.30	355.25	39.81
5,800.00	1.23	48.80	5,799.20	40.90	-1.67	357.67	40.93
5,900.00	1.27	50.13	5,899.18	42.32	-0.01	359.99	42.32
6,000.00	1.39	52.19	5,999.15	43.77	1.80	2.36	43.81
6,100.00	1.48	42.30	6,099.12	45.47	3.63	4.56	45.61
6,200.00	1.22	34.65	6,199.09	47.30	5.10	6.16	47.57
6,300.00	1.08	43.97	6,299.07	48.85	6.36	7.42	49.27
6,400.00	0.96	35.56	6,399.06	50.21	7.50	8.50	50.77
6,500.00	1.24	35.60	6,499.04	51.77	8.62	9.45	52.49
6,600.00	1.09	32.48	6,599.02	53.46	9.76	10.35	54.34
6,700.00	1.59	38.33	6,698.99	55.35	11.13	11.37	56.46
6,800.00	1.66	34.25	6,798.95	57.63	12.81	12.53	59.04
6,900.00	1.21	13.64	6,898.92	59.86	13.87	13.05	61.44
7,000.00	1.06	337.49	6,998.90	61.74	13.77	12.57	63.25
7,100.00	1.55	310.41	7,098.88	63.47	12.38	11.04	64.67
7,200.00	1.97	295.05	7,198.83	65.07	9.80	8.56	65.81
7,300.00	2.21	295.14	7,298.76	66.62	6.49	5.57	66.94
7,400.00	2.46	300.05	7,398.68	68.51	2.89	2.42	68.57
7,500.00	2.75	304.48	7,498.58	70.95	-0.94	359.24	70.95
7,600.00	2.66	307.55	7,598.46	73.72	-4.76	356.30	73.87
7,700.00	2.70	313.35	7,698.36	76.75	-8.31	353.82	77.20
7,800.00	2.82	318.14	7,798.24	80.20	-11.67	351.72	81.04
7,900.00	2.61	318.34	7,898.13	83.73	-14.82	349.96	85.03
8,000.00	2.26	313.58	7,998.04	86.79	-17.76	348.43	88.59
8,100.00	2.00	303.28	8,097.97	89.11	-20.65	346.95	91.47
8,200.00	1.93	287.71	8,197.91	90.58	-23.71	345.33	93.63
8,300.00	1.91	288.30	8,297.85	91.61	-26.90	343.64	95.48
8,400.00	1.91	291.38	8,397.80	92.74	-30.04	342.06	97.49
8,500.00	1.62	268.48	8,497.75	93.31	-33.00	340.52	98.98
8,600.00	1.90	248.26	8,597.71	92.66	-35.95	338.79	99.39
8,700.00	2.12	236.65	8,697.64	91.03	-39.04	336.79	99.05
8,800.00	2.40	221.84	8,797.57	88.46	-41.98	334.61	97.91
8,900.00	2.32	216.60	8,897.48	85.27	-44.58	332.40	96.22
9,000.00	2.10	209.42	8,997.41	82.05	-46.69	330.36	94.40
9,043.00	2.50	209.74	9,040.37	80.55	-47.54	329.45	93.53

Checked By: _____	Approved By: _____	Date: _____
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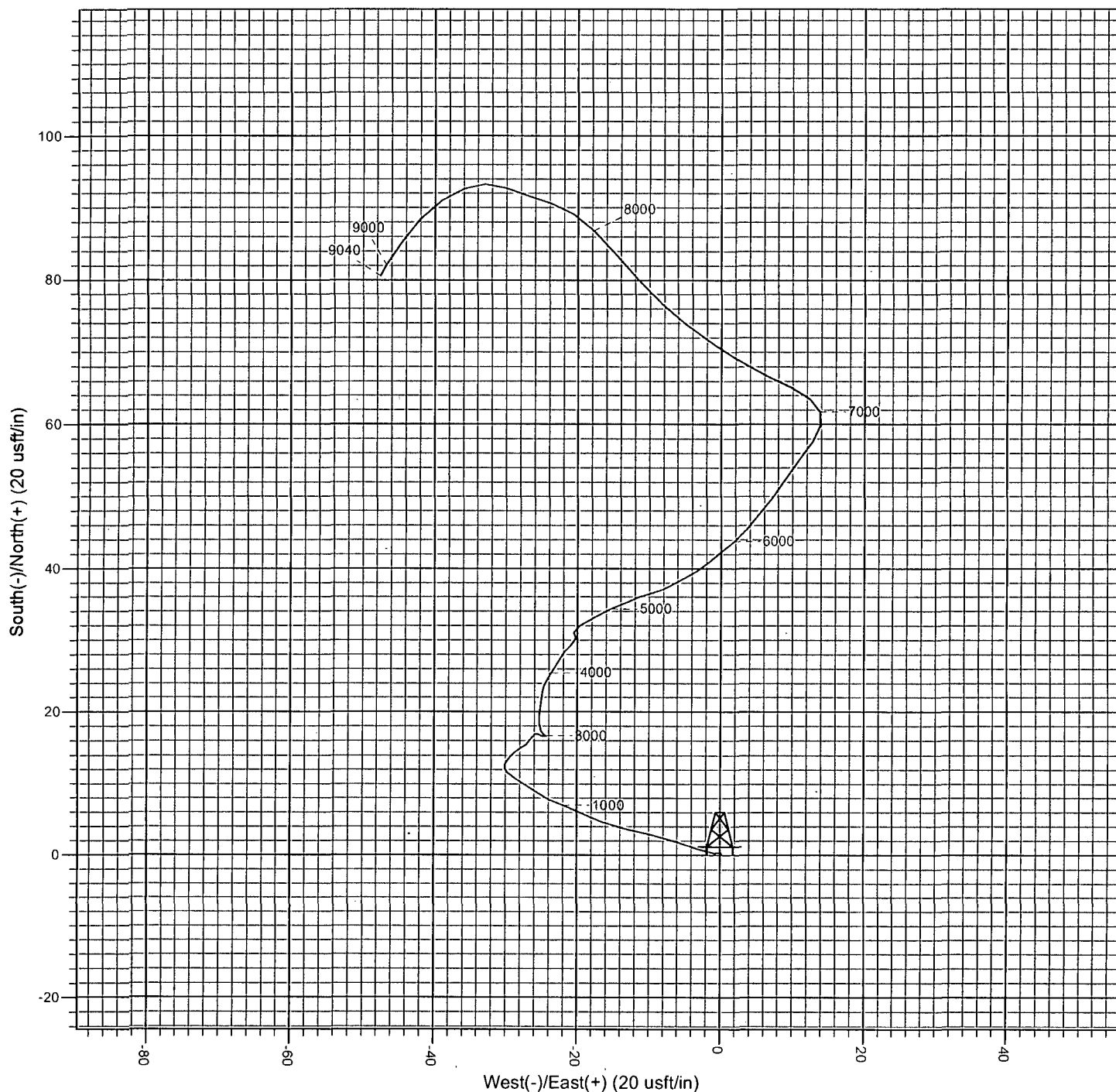


Scientific Drilling

Project: Hackberry (Nad 83)
Eddy County, NM
Well: Agasti 27 Federal #2H
Wellbore: VH - Job #320213-KW-154
Design: VH - Job #320213-KW-154

WELL DETAILS: Agasti 27 Federal #2H
WELL @ 0.00usft (Original Well Elev)
Ground Level: 0.00

+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.00	0.00	596839.94	685335.19	32° 38' 23.604 N	103° 51' 55.911 W	



PROJECT DETAILS: Hackberry (Nad 83)
Geodetic System: US State Plane 1983
Datum: North American Datum 1983
Ellipsoid: GRS 1980
Zone: New Mexico Eastern Zone
System Datum: Mean Sea Level

SITE DETAILS: Eddy County, NM
Site Centre Latitude: 32° 39' 23.058 N
Longitude: 103° 54' 57.024 W
Positional Uncertainty: 0.00
Convergence: 0.23
Local North: Grid



A Schlumberger Company

Devon Energy, Inc.

Eddy County (NAD83)

Agasti "27" Fed

#2H

OH

Design: OH

Pathfinder X&Y Report

16 April, 2013





A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agasti "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Project	Eddy County (NAD83)	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Agasti "27" Fed				
Site Position:		Northing:	595,061.990 usft	Latitude:	32.635000
From: Map		Easting:	685,609.120 usft	Longitude:	-103.864667
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.25 °

Well	#2H					
Well Position	+N/-S	0.0 usft	Northing:	596,839.980 usft	Latitude:	32.639890
	+E/-W	0.0 usft	Easting:	685,341.800 usft	Longitude:	-103.865509
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,520.8 usft

Wellbore	OH					
Magnetics	Model Name	Sample Date	Declination	Dip Angle	Field Strength	
			(°)	(°)	(nT)	
	IGRF200510	3/30/2013	7.53	60.51	48.698	

Design	OH					
Audit Notes:						
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.0	
Vertical Section:	Depth From (TVD)	+N/-S	+E/-W	Direction		
	(usft)	(usft)	(usft)	(°)		
	0.0	0.0	0.0	118.98		



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agasti "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

Survey Program		Date	4/16/2013		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	610.0	Gyro #1 (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s	
700.0	8,040.0	Gyro #4 (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s	
8,058.0	15,452.0	MWD #5 (OH)	MWD	MWD - Standard	

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	-3,546.8	0.0	0.0	0.0	0.00	596,839.98	685,341.80	
100.0	0.36	336.21	100.0	-3,446.8	0.3	-0.1	-0.3	0.36	596,840.27	685,341.67	
200.0	0.54	327.14	200.0	-3,346.8	1.0	-0.5	-0.9	0.19	596,840.95	685,341.29	
300.0	0.87	279.05	300.0	-3,246.8	1.5	-1.5	-2.0	0.65	596,841.47	685,340.29	
400.0	1.38	270.36	400.0	-3,146.8	1.6	-3.5	-3.8	0.54	596,841.59	685,338.33	
500.0	2.58	270.62	499.9	-3,046.9	1.6	-6.9	-6.9	1.20	596,841.62	685,334.88	
600.0	3.91	272.27	599.7	-2,947.1	1.8	-12.6	-11.9	1.33	596,841.78	685,329.22	
610.0	4.03	274.17	609.7	-2,937.1	1.8	-13.3	-12.5	1.78	596,841.82	685,328.53	
700.0	4.42	277.62	699.5	-2,847.3	2.5	-19.9	-18.6	0.52	596,842.51	685,321.94	
800.0	4.89	270.89	799.1	-2,747.7	3.1	-27.9	-26.0	0.72	596,843.09	685,313.86	
900.0	6.10	256.53	898.7	-2,648.1	1.9	-37.4	-33.6	1.82	596,841.92	685,304.43	
1,000.0	7.23	232.83	998.0	-2,548.8	-3.1	-47.6	-40.1	2.95	596,836.88	685,294.24	
1,100.0	7.07	225.20	1,097.3	-2,449.5	-11.2	-56.9	-44.4	0.96	596,828.74	685,284.86	
1,200.0	5.64	212.15	1,196.6	-2,350.2	-19.7	-63.9	-46.4	2.02	596,820.24	685,277.88	
1,300.0	3.75	200.81	1,296.3	-2,250.5	-27.0	-67.7	-46.2	2.10	596,813.02	685,274.10	
1,400.0	2.92	205.21	1,396.1	-2,150.7	-32.3	-69.9	-45.5	0.87	596,807.66	685,271.85	
1,500.0	2.70	212.47	1,496.0	-2,050.8	-36.6	-72.3	-45.5	0.42	596,803.37	685,269.51	
1,600.0	2.79	221.30	1,595.9	-1,950.9	-40.4	-75.2	-46.2	0.43	596,799.56	685,266.63	
1,700.0	2.62	210.00	1,695.8	-1,851.0	-44.2	-77.9	-46.7	0.56	596,795.75	685,263.89	
1,800.0	2.66	205.47	1,795.7	-1,751.1	-48.3	-80.1	-46.6	0.21	596,791.67	685,261.74	



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agasti "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)	
1,900.0	2.40	183.60	1,895.6	-1,651.2	-52.5	-81.2	-45.6	0.99	596,787.49	685,260.62	
2,000.0	1.50	171.28	1,995.5	-1,551.3	-55.9	-81.1	-43.9	0.99	596,784.11	685,260.68	
2,100.0	0.87	136.15	2,095.5	-1,451.3	-57.7	-80.4	-42.4	0.93	596,782.26	685,261.41	
2,200.0	1.61	341.32	2,195.5	-1,351.3	-56.9	-80.3	-42.7	2.43	596,783.05	685,261.48	
2,300.0	2.20	319.55	2,295.4	-1,251.4	-54.1	-82.0	-45.5	0.92	596,785.84	685,259.79	
2,400.0	2.27	298.59	2,395.4	-1,151.4	-51.7	-85.0	-49.3	0.82	596,788.25	685,256.80	
2,500.0	2.09	273.19	2,495.3	-1,051.5	-50.7	-88.6	-52.9	0.97	596,789.30	685,253.24	
2,600.0	1.92	261.92	2,595.2	-951.6	-50.8	-92.0	-55.9	0.43	596,789.16	685,249.76	
2,700.0	1.91	278.04	2,695.2	-851.6	-50.8	-95.3	-58.8	0.54	596,789.16	685,246.46	
2,800.0	1.79	282.29	2,795.1	-751.7	-50.3	-98.5	-61.8	0.18	596,789.73	685,243.28	
2,900.0	1.72	265.84	2,895.1	-651.7	-50.0	-101.5	-64.6	0.51	596,789.95	685,240.26	
3,000.0	1.90	271.05	2,995.0	-551.8	-50.1	-104.7	-67.3	0.24	596,789.87	685,237.10	
3,100.0	2.30	259.12	3,095.0	-451.8	-50.5	-108.3	-70.3	0.59	596,789.52	685,233.47	
3,200.0	2.37	259.69	3,194.9	-351.9	-51.2	-112.3	-73.5	0.07	596,788.77	685,229.47	
3,300.0	2.20	265.15	3,294.8	-252.0	-51.7	-116.3	-76.6	0.28	596,788.24	685,225.52	
3,400.0	1.93	276.09	3,394.7	-152.1	-51.7	-119.9	-79.8	0.48	596,788.26	685,221.94	
3,500.0	2.00	299.72	3,494.7	-52.1	-50.7	-123.1	-83.1	0.81	596,789.30	685,218.75	
3,600.0	2.08	282.86	3,594.6	47.8	-49.4	-126.3	-86.6	0.60	596,790.57	685,215.46	
3,700.0	2.08	277.46	3,694.6	147.8	-48.8	-129.9	-90.0	0.20	596,791.21	685,211.89	
3,800.0	1.90	276.83	3,794.5	247.7	-48.3	-133.4	-93.2	0.18	596,791.64	685,208.45	
3,900.0	1.65	273.68	3,894.4	347.6	-48.0	-136.4	-96.1	0.27	596,791.93	685,205.36	
4,000.0	1.61	276.51	3,994.4	447.6	-47.8	-139.3	-98.7	0.09	596,792.18	685,202.53	
4,100.0	1.67	264.35	4,094.4	547.6	-47.8	-142.1	-101.2	0.35	596,792.20	685,199.69	
4,200.0	1.93	277.69	4,194.3	647.5	-47.7	-145.2	-103.9	0.49	596,792.28	685,196.57	
4,300.0	1.69	275.01	4,294.3	747.5	-47.3	-148.4	-106.9	0.25	596,792.64	685,193.43	
4,400.0	1.55	279.54	4,394.2	847.4	-47.0	-151.2	-109.5	0.19	596,792.99	685,190.63	
4,500.0	1.34	274.83	4,494.2	947.4	-46.7	-153.7	-111.8	0.24	596,793.31	685,188.13	



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agastl "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
4,600.0	1.38	277.45	4,594.2	1,047.4	-46.4	-156.0	-114.0	0.07	596,793.57	685,185.77
4,700.0	1.52	266.91	4,694.1	1,147.3	-46.3	-158.5	-116.2	0.30	596,793.65	685,183.25
4,800.0	1.69	266.60	4,794.1	1,247.3	-46.5	-161.3	-118.6	0.17	596,793.49	685,180.45
4,900.0	1.61	262.99	4,894.1	1,347.3	-46.7	-164.2	-121.0	0.13	596,793.23	685,177.59
5,000.0	1.50	275.41	4,994.0	1,447.2	-46.8	-166.9	-123.3	0.35	596,793.18	685,174.89
5,100.0	1.40	284.22	5,094.0	1,547.2	-46.4	-169.4	-125.7	0.24	596,793.61	685,172.40
5,200.0	1.42	266.83	5,194.0	1,647.2	-46.1	-171.8	-127.9	0.43	596,793.84	685,169.98
5,300.0	1.67	279.28	5,293.9	1,747.1	-46.0	-174.5	-130.4	0.42	596,794.01	685,167.31
5,400.0	1.98	282.04	5,393.9	1,847.1	-45.4	-177.6	-133.4	0.32	596,794.60	685,164.18
5,500.0	1.99	276.42	5,493.8	1,947.0	-44.8	-181.0	-136.6	0.19	596,795.16	685,160.76
5,600.0	1.99	276.80	5,593.8	2,047.0	-44.4	-184.5	-139.9	0.01	596,795.56	685,157.31
5,700.0	1.46	286.27	5,693.7	2,146.9	-43.9	-187.4	-142.7	0.60	596,796.12	685,154.37
5,800.0	1.26	301.64	5,793.7	2,246.9	-42.9	-189.6	-145.1	0.41	596,797.05	685,152.21
5,900.0	1.01	308.77	5,893.7	2,346.9	-41.8	-191.2	-147.0	0.29	596,798.18	685,150.59
6,000.0	0.90	291.45	5,993.6	2,446.8	-41.0	-192.6	-148.7	0.31	596,799.02	685,149.17
6,100.0	0.80	275.65	6,093.6	2,546.8	-40.6	-194.1	-150.1	0.25	596,799.38	685,147.74
6,200.0	0.56	291.86	6,193.6	2,646.8	-40.4	-195.2	-151.2	0.31	596,799.63	685,146.59
6,300.0	0.48	305.46	6,293.6	2,746.8	-39.9	-196.0	-152.1	0.15	596,800.05	685,145.80
6,400.0	0.13	247.97	6,393.6	2,846.8	-39.7	-196.4	-152.6	0.42	596,800.25	685,145.35
6,500.0	0.12	268.69	6,493.6	2,946.8	-39.8	-196.7	-152.8	0.05	596,800.21	685,145.14
6,600.0	0.21	55.68	6,593.6	3,046.8	-39.7	-196.6	-152.8	0.32	596,800.31	685,145.19
6,700.0	0.37	32.68	6,693.6	3,146.8	-39.3	-196.3	-152.7	0.19	596,800.68	685,145.52
6,800.0	0.55	62.58	6,793.6	3,246.8	-38.8	-195.7	-152.4	0.29	596,801.18	685,146.12
6,900.0	0.71	84.04	6,893.6	3,346.8	-38.5	-194.6	-151.6	0.28	596,801.46	685,147.16
7,000.0	0.71	86.41	6,993.6	3,446.8	-38.4	-193.4	-150.6	0.03	596,801.56	685,148.39
7,100.0	0.76	81.50	7,093.6	3,546.8	-38.3	-192.1	-149.5	0.08	596,801.70	685,149.67
7,200.0	0.78	92.80	7,193.6	3,646.8	-38.2	-190.8	-148.4	0.15	596,801.77	685,151.00



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Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agasti "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)	
7,300.0	0.95	80.93	7,293.6	3,746.8	-38.1	-189.3	-147.1	0.25	596,801.86	685,152.50	
7,400.0	0.83	63.54	7,393.6	3,846.8	-37.7	-187.8	-146.1	0.29	596,802.32	685,153.97	
7,500.0	0.82	68.76	7,493.6	3,946.8	-37.1	-186.5	-145.2	0.08	596,802.90	685,155.28	
7,600.0	0.55	59.78	7,593.5	4,046.7	-36.6	-185.4	-144.5	0.29	596,803.40	685,156.36	
7,700.0	0.10	318.48	7,693.5	4,146.7	-36.3	-185.1	-144.3	0.58	596,803.71	685,156.72	
7,800.0	0.39	241.14	7,793.5	4,246.7	-36.4	-185.4	-144.6	0.38	596,803.61	685,156.37	
7,900.0	0.33	209.77	7,893.5	4,346.7	-36.8	-185.9	-144.8	0.20	596,803.19	685,155.92	
8,000.0	0.47	187.35	7,993.5	4,446.7	-37.4	-186.1	-144.6	0.21	596,802.54	685,155.73	
8,040.0	0.45	170.11	8,033.5	4,486.7	-37.8	-186.1	-144.5	0.35	596,802.22	685,155.74	
8,058.0	0.53	181.30	8,051.5	4,504.7	-37.9	-186.1	-144.4	0.69	596,802.07	685,155.75	
KOP - 8058.0 'MD, 8051.5 'TVD, -37.9 'N, -186.1 'E											
8,090.0	2.90	166.63	8,083.5	4,536.7	-38.8	-185.9	-143.8	7.47	596,801.13	685,155.93	
8,121.0	5.63	168.03	8,114.4	4,567.6	-41.1	-185.4	-142.2	8.81	596,798.88	685,156.43	
8,153.0	7.91	167.33	8,146.2	4,599.4	-44.8	-184.6	-139.8	7.13	596,795.19	685,157.23	
8,185.0	10.11	169.09	8,177.8	4,631.0	-49.7	-183.6	-136.5	6.93	596,790.29	685,158.25	
8,216.0	12.31	171.99	8,208.2	4,661.4	-55.6	-182.6	-132.8	7.32	596,784.34	685,159.23	
8,248.0	14.33	173.92	8,239.4	4,692.6	-63.0	-181.7	-128.4	6.46	596,777.03	685,160.12	
8,279.0	14.95	174.97	8,269.3	4,722.5	-70.8	-180.9	-124.0	2.18	596,769.23	685,160.88	
8,311.0	16.36	176.47	8,300.2	4,753.4	-79.4	-180.3	-119.3	4.58	596,760.62	685,161.52	
8,342.0	18.03	177.09	8,329.8	4,783.0	-88.5	-179.8	-114.4	5.42	596,751.47	685,162.03	
8,374.0	19.96	177.61	8,360.0	4,813.2	-98.9	-179.3	-108.9	6.05	596,741.06	685,162.51	
8,405.0	22.25	177.70	8,388.9	4,842.1	-110.1	-178.8	-103.1	7.39	596,729.91	685,162.96	
8,437.0	23.39	178.05	8,418.4	4,871.6	-122.5	-178.4	-96.7	3.59	596,717.51	685,163.42	
8,468.0	24.36	178.32	8,446.8	4,900.0	-135.0	-178.0	-90.3	3.15	596,704.97	685,163.82	
8,500.0	25.41	178.76	8,475.8	4,929.0	-148.5	-177.6	-83.5	3.33	596,691.51	685,164.16	
8,532.0	26.56	178.32	8,504.6	4,957.8	-162.5	-177.3	-76.4	3.64	596,677.49	685,164.52	
8,562.0	27.00	179.11	8,531.4	4,984.6	-176.0	-177.0	-69.5	1.89	596,663.98	685,164.82	



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Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agasti "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
8,594.0	27.79	180.60	8,559.8	5,013.0	-190.7	-176.9	-62.4	3.27	596,649.26	685,164.86
8,625.0	29.46	181.30	8,587.0	5,040.2	-205.6	-177.2	-55.4	5.49	596,634.41	685,164.61
8,657.0	30.16	179.99	8,614.8	5,068.0	-221.5	-177.4	-47.9	2.99	596,618.50	685,164.43
8,688.0	31.57	179.72	8,641.4	5,094.6	-237.4	-177.3	-40.1	4.57	596,602.60	685,164.47
8,720.0	33.15	179.28	8,668.4	5,121.6	-254.5	-177.2	-31.7	4.99	596,585.47	685,164.62
8,751.0	34.82	178.14	8,694.1	5,147.3	-271.8	-176.8	-22.9	5.77	596,568.15	685,165.02
8,783.0	37.37	176.12	8,720.0	5,173.2	-290.7	-175.8	-13.0	8.79	596,549.33	685,165.97
8,814.0	40.19	174.10	8,744.1	5,197.3	-310.0	-174.2	-2.2	9.97	596,529.99	685,167.64
8,845.0	43.18	172.87	8,767.3	5,220.5	-330.5	-171.8	9.8	10.00	596,509.51	685,169.98
8,877.0	46.08	172.16	8,790.0	5,243.2	-352.8	-168.9	23.2	9.20	596,487.22	685,172.91
8,908.0	48.28	171.90	8,811.1	5,264.3	-375.3	-165.7	36.8	7.12	596,464.70	685,176.07
8,940.0	50.56	171.99	8,831.9	5,285.1	-399.3	-162.3	51.5	7.13	596,440.64	685,179.47
8,971.0	52.76	172.69	8,851.1	5,304.3	-423.4	-159.1	66.0	7.31	596,416.55	685,182.71
9,002.0	54.96	173.92	8,869.4	5,322.6	-448.3	-156.2	80.6	7.79	596,391.68	685,185.63
9,034.0	57.33	174.89	8,887.3	5,340.5	-474.7	-153.6	95.7	7.82	596,365.24	685,188.21
9,065.0	59.44	176.29	8,903.5	5,356.7	-501.1	-151.6	110.2	7.82	596,338.92	685,190.24
9,097.0	61.64	176.82	8,919.2	5,372.4	-528.9	-149.9	125.1	7.02	596,311.11	685,191.91
9,128.0	63.75	177.61	8,933.5	5,386.7	-556.4	-148.6	139.6	7.17	596,283.60	685,193.25
9,160.0	66.13	178.84	8,947.0	5,400.2	-585.4	-147.7	154.4	8.21	596,254.63	685,194.14
9,192.0	68.68	179.81	8,959.3	5,412.5	-614.9	-147.3	169.1	8.45	596,225.09	685,194.49
9,223.0	70.52	179.72	8,970.1	5,423.3	-643.9	-147.2	183.2	5.94	596,196.03	685,194.61
9,255.0	72.37	180.07	8,980.3	5,433.5	-674.3	-147.1	198.0	5.87	596,165.70	685,194.66
9,286.0	75.01	179.90	8,989.0	5,442.2	-704.0	-147.1	212.4	8.53	596,135.95	685,194.67
9,318.0	78.00	180.16	8,996.5	5,449.7	-735.1	-147.1	227.5	9.38	596,104.83	685,194.65
9,349.0	80.37	180.78	9,002.3	5,455.5	-765.6	-147.4	242.0	7.89	596,074.39	685,194.40
9,381.0	81.78	181.41	9,007.3	5,460.5	-797.2	-148.0	256.8	4.82	596,042.78	685,193.80
9,412.0	83.80	182.15	9,011.1	5,464.3	-827.9	-149.0	270.8	6.93	596,012.04	685,192.84



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Pathfinder

Pathfinder X&Y Report



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Project: Eddy County (NAD83)
Site: Agasti "27" Fed
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Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
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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)
9,444.0	85.56	182.88	9,014.1	5,467.3	-859.8	-150.4	285.0	5.95	595,980.21	685,191.45
9,493.0	88.64	182.87	9,016.6	5,469.8	-908.6	-152.8	306.6	6.29	595,931.34	685,188.99
LP - 9493.0 'MD, 9016.6 'TVD, -908.6 'N, -152.8 'E										
9,524.0	89.69	182.84	9,017.0	5,470.2	-939.6	-154.4	320.2	3.39	595,900.39	685,187.45
9,619.0	89.87	180.95	9,017.4	5,470.6	-1,034.5	-157.5	363.5	2.00	595,805.44	685,184.31
9,681.0	86.97	179.72	9,019.1	5,472.3	-1,096.5	-157.9	393.2	5.08	595,743.48	685,183.94
9,776.0	87.32	180.16	9,023.8	5,477.0	-1,191.4	-157.8	439.2	0.59	595,648.59	685,184.04
9,871.0	87.67	174.27	9,028.0	5,481.2	-1,286.1	-153.1	489.2	6.21	595,553.84	685,188.65
9,966.0	88.90	171.37	9,030.8	5,484.0	-1,380.3	-141.3	545.2	3.31	595,459.64	685,200.52
10,060.0	88.90	165.31	9,032.7	5,485.9	-1,472.3	-122.3	606.4	6.45	595,367.64	685,219.51
10,155.0	86.09	160.47	9,036.8	5,490.0	-1,563.0	-94.4	674.7	5.89	595,276.96	685,247.41
10,250.0	84.86	154.50	9,044.3	5,497.5	-1,650.5	-58.1	748.8	6.40	595,189.52	685,283.66
10,344.0	84.86	148.78	9,052.7	5,505.9	-1,732.8	-13.7	827.6	6.06	595,107.17	685,328.11
10,439.0	86.00	143.07	9,060.3	5,513.5	-1,811.2	39.3	912.0	6.11	595,028.77	685,381.15
10,533.0	86.70	137.09	9,066.3	5,519.5	-1,883.1	99.5	999.5	6.39	594,956.85	685,441.32
10,628.0	87.58	131.73	9,071.0	5,524.2	-1,949.5	167.3	1,090.9	5.71	594,890.48	685,509.07
10,722.0	88.64	127.08	9,074.1	5,527.3	-2,009.1	239.8	1,183.3	5.07	594,830.86	685,581.65
10,816.0	90.31	122.42	9,075.0	5,528.2	-2,062.7	317.1	1,276.7	5.27	594,777.30	685,658.85
10,913.0	90.04	116.18	9,074.7	5,527.9	-2,110.1	401.6	1,373.7	6.44	594,729.86	685,743.40
11,008.0	90.75	106.24	9,074.1	5,527.3	-2,144.4	490.1	1,467.7	10.49	594,695.53	685,831.85
11,055.2	89.33	101.92	9,074.0	5,527.2	-2,155.9	535.9	1,513.3	9.64	594,684.05	685,877.65
EOC (Agasti 27 #2H)										
11,102.0	87.93	97.63	9,075.1	5,528.3	-2,163.9	581.9	1,557.5	9.64	594,676.11	685,923.72
11,197.0	87.93	97.10	9,078.6	5,531.8	-2,176.0	676.1	1,645.7	0.56	594,663.94	686,017.87
11,293.0	88.72	98.51	9,081.4	5,534.6	-2,189.1	771.1	1,735.2	1.68	594,650.91	686,112.94
11,387.0	88.72	98.42	9,083.5	5,536.7	-2,202.9	864.1	1,823.2	0.10	594,637.08	686,205.89
11,482.0	88.46	98.66	9,085.8	5,539.0	-2,217.0	958.0	1,912.2	0.37	594,622.97	686,299.81



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Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Agasti "27" Fed
Well: #2H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
11,576.0	87.67	98.78	9,089.0	5,542.2	-2,231.3	1,050.9	2,000.4	0.85	594,608.73	686,392.67
11,671.0	87.93	98.58	9,092.6	5,545.8	-2,245.6	1,144.7	2,089.4	0.35	594,594.40	686,486.51
11,765.0	87.41	98.10	9,096.5	5,549.7	-2,259.2	1,237.6	2,177.3	0.75	594,580.78	686,579.44
11,860.0	86.79	97.34	9,101.3	5,554.5	-2,271.9	1,331.7	2,265.7	1.03	594,568.04	686,673.46
11,954.0	87.49	97.10	9,106.0	5,559.2	-2,283.7	1,424.8	2,352.9	0.79	594,556.24	686,766.60
12,048.0	87.58	98.06	9,110.0	5,563.2	-2,296.1	1,517.9	2,440.3	1.02	594,543.85	686,859.69
12,143.0	88.46	97.97	9,113.3	5,566.5	-2,309.4	1,611.9	2,529.0	0.93	594,530.61	686,953.70
12,237.0	87.23	97.93	9,116.8	5,570.0	-2,322.4	1,704.9	2,616.7	1.31	594,517.62	687,046.73
12,332.0	87.23	97.81	9,121.4	5,574.6	-2,335.4	1,798.9	2,705.2	0.13	594,504.63	687,140.73
12,426.0	87.32	97.01	9,125.9	5,579.1	-2,347.5	1,892.0	2,792.5	0.86	594,492.52	687,233.84
12,521.0	86.00	96.84	9,131.4	5,584.6	-2,358.9	1,986.2	2,880.4	1.40	594,481.08	687,327.98
12,615.0	86.61	97.04	9,137.5	5,590.7	-2,370.2	2,079.3	2,967.3	0.68	594,469.75	687,421.10
12,710.0	86.53	97.11	9,143.2	5,596.4	-2,381.9	2,173.4	3,055.3	0.11	594,458.07	687,515.21
12,805.0	87.41	97.27	9,148.2	5,601.4	-2,393.8	2,267.5	3,143.4	0.94	594,446.19	687,609.33
12,899.0	88.46	96.11	9,151.6	5,604.8	-2,404.7	2,360.8	3,230.3	1.66	594,435.25	687,702.62
12,993.0	88.02	96.20	9,154.4	5,607.6	-2,414.8	2,454.2	3,316.9	0.48	594,425.18	687,796.04
13,088.0	89.34	95.91	9,156.6	5,609.8	-2,424.8	2,548.7	3,404.4	1.42	594,415.16	687,890.48
13,183.0	89.25	95.88	9,157.8	5,611.0	-2,434.6	2,643.2	3,491.8	0.10	594,405.40	687,984.97
13,207.5	89.21	95.99	9,158.1	5,611.3	-2,437.1	2,667.5	3,514.3	0.48	594,402.87	688,009.34
Target Box										
13,277.0	89.08	96.30	9,159.2	5,612.4	-2,444.5	2,736.6	3,578.4	0.48	594,395.43	688,078.43
13,372.0	88.64	96.04	9,161.1	5,614.3	-2,454.8	2,831.1	3,665.9	0.54	594,385.22	688,172.86
13,467.0	88.64	95.80	9,163.3	5,616.5	-2,464.6	2,925.5	3,753.3	0.25	594,375.43	688,267.33
13,561.0	89.16	96.67	9,165.1	5,618.3	-2,474.8	3,019.0	3,840.0	1.08	594,365.22	688,360.75
13,656.0	89.60	96.34	9,166.2	5,619.4	-2,485.5	3,113.3	3,927.8	0.58	594,354.46	688,455.13
13,750.0	89.25	97.17	9,167.1	5,620.3	-2,496.6	3,206.7	4,014.8	0.96	594,343.40	688,548.48
13,845.0	88.64	97.91	9,168.8	5,622.0	-2,509.0	3,300.8	4,103.2	1.01	594,330.94	688,642.64



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Pathfinder X&Y Report



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Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #2H
TVD Reference: KB = 26' @ 3546.8usft (H&P 300)
MD Reference: KB = 26' @ 3546.8usft (H&P 300)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.1 Single User Db

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)
13,939.0	87.49	98.58	9,172.0	5,625.2	-2,522.5	3,393.8	4,191.0	1.42	594,317.47	688,735.61
14,034.0	87.49	97.90	9,176.2	5,629.4	-2,536.1	3,487.7	4,279.8	0.72	594,303.87	688,829.54
14,129.0	89.43	96.87	9,178.7	5,631.9	-2,548.3	3,581.9	4,368.1	2.31	594,291.66	688,923.71
14,223.0	89.60	97.16	9,179.5	5,632.7	-2,559.8	3,675.2	4,455.3	0.36	594,280.18	689,017.00
14,317.0	89.78	97.33	9,180.0	5,633.2	-2,571.7	3,768.5	4,542.6	0.26	594,268.33	689,110.25
14,412.0	89.52	96.12	9,180.6	5,633.8	-2,582.8	3,862.8	4,630.5	1.30	594,257.20	689,204.59
14,506.0	88.81	97.72	9,182.0	5,635.2	-2,594.1	3,956.1	4,717.6	1.86	594,245.88	689,297.90
14,601.0	88.29	98.14	9,184.4	5,637.6	-2,607.2	4,050.2	4,806.2	0.70	594,232.78	689,391.96
14,696.0	88.20	97.08	9,187.3	5,640.5	-2,619.8	4,144.3	4,894.7	1.12	594,220.20	689,486.07
14,790.0	88.02	97.24	9,190.4	5,643.6	-2,631.5	4,237.5	4,981.9	0.26	594,208.49	689,579.29
14,884.0	87.85	97.40	9,193.8	5,647.0	-2,643.5	4,330.7	5,069.2	0.25	594,196.52	689,672.46
14,979.0	88.29	97.19	9,197.0	5,650.2	-2,655.5	4,424.8	5,157.4	0.51	594,184.47	689,766.64
15,073.0	87.93	97.34	9,200.1	5,653.3	-2,667.4	4,518.0	5,244.7	0.41	594,172.59	689,859.84
15,168.0	87.76	97.89	9,203.7	5,656.9	-2,680.0	4,612.1	5,333.1	0.61	594,160.01	689,953.93
15,262.0	88.29	96.86	9,206.9	5,660.1	-2,692.0	4,705.3	5,420.4	1.23	594,147.95	690,047.10
15,356.0	87.76	96.59	9,210.1	5,663.3	-2,703.0	4,798.6	5,507.4	0.63	594,136.95	690,140.39
15,374.0	87.49	96.61	9,210.9	5,664.1	-2,705.1	4,816.5	5,524.0	1.50	594,134.88	690,158.26
15,452.0	87.49	96.61	9,214.3	5,667.5	-2,714.1	4,893.9	5,596.1	0.00	594,125.91	690,235.67

PROJECTED BHL - 15452.0 'MD, 9214.3 'TVD, -2714.1 'N, 4893.9 'E - PBHL (Agasti 27 #2H)

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,058.0	8,051.5	-37.9	-186.1	KOP - 8058.0 'MD, 8051.5 'TVD, -37.9 'N, -186.1 'E
9,493.0	9,016.6	-908.6	-152.8	LP - 9493.0 'MD, 9016.6 'TVD, -908.6 'N, -152.8 'E
15,452.0	9,214.3	-2,714.1	4,893.9	PROJECTED BHL - 15452.0 'MD, 9214.3 'TVD, -2714.1 'N, 4893.9 'E



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Checked By: _____	Approved By: _____	Date: _____
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