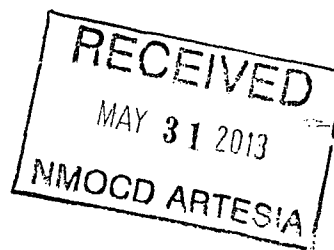




A GYRO TECHNOLOGIES INC. COMPANY

PO Box 261021
Corpus Christi, Texas 78426
(361) 767-0602 • (800) 606-GYRO • Fax (361) 767-0612

January 21, 2013



Devon Energy Production Company
333 West Sheridan Ave
Oklahoma City, Oklahoma 73102-5010

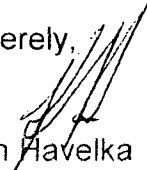
Attn: Patti Riechers

Re: **Mimosa 24 Federal Com No 001H** 30-015-40626

Please find enclosed a copy of the survey from 0' to 9,578' ran on the above referenced well.

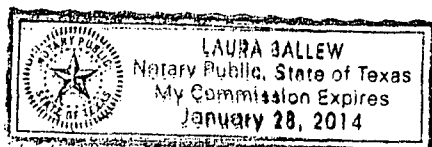
If I can be of any further service, please do not hesitate to call me at 800-606-4976.

Sincerely,


Keith Havelka
Operations

STATE OF TEXAS §
§
COUNTY OF NUECES §

This instrument was acknowledged before me on the 21st day of January, A.D., 2013, by Keith Havelka.




Laura Ballew
Notary Public, State of Texas



Company: Devon Energy Production Co., LP
Lease/Well: Mimosa 24 Federal Com/No 001H

Rig Name: H&P 300
State/County: New Mexico/Eddy
Latitude: 32.65, Longitude: -103.83
GRID North is 0.27 Degrees East of True North
VS-Azi: 103.62 Degrees



Depth Reference : RKB = 26'

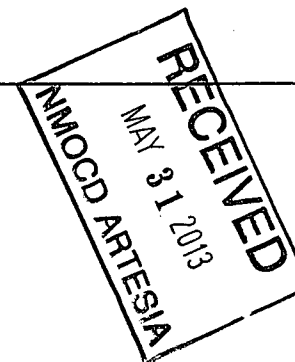
DRILLOG HA GYRO SURVEY CALCULATIONS

Filename: gyro survey.ut
Minimum Curvature Method
Report Date/Time: 1/21/2013 / 12:15

Vaughn Energy Services
Midland, Texas
432-563-5444

Surveyor: Tim Dillon

Mimosa 24 Federal Com No 001H / API 30-015-40626

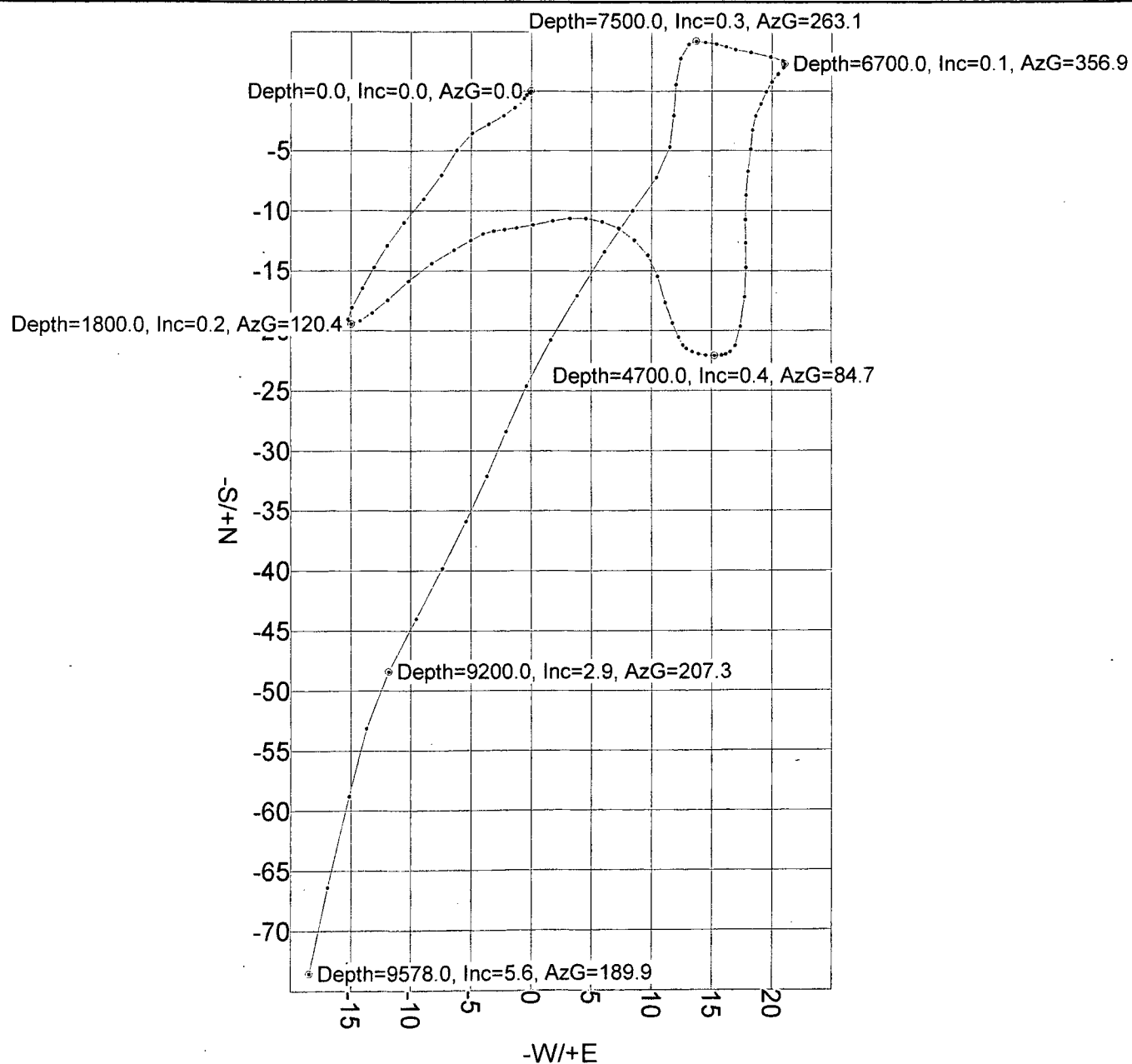


Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	****
100.00	0.19	236.26	100.00	-0.09	-0.14	-0.11	0.16	236.26	0.19
200.00	0.19	213.90	200.00	-0.32	-0.37	-0.28	0.49	228.69	0.07
300.00	0.24	221.66	300.00	-0.62	-0.60	-0.44	0.86	224.11	0.06
400.00	0.26	225.57	400.00	-0.93	-0.90	-0.65	1.30	223.97	0.03
500.00	0.49	226.27	500.00	-1.39	-1.37	-1.01	1.95	224.66	0.23
600.00	0.81	239.66	599.99	-2.04	-2.29	-1.75	3.07	228.31	0.35
700.00	0.87	241.06	699.98	-2.77	-3.57	-2.81	4.51	232.20	0.06
800.00	0.90	241.46	799.97	-3.51	-4.92	-3.95	6.04	234.50	0.03
900.00	1.39	209.52	899.95	-4.94	-6.20	-4.87	7.93	231.48	0.79
1000.00	1.40	213.41	999.92	-7.01	-7.47	-5.61	10.25	226.82	0.09
1100.00	1.47	219.42	1099.89	-9.02	-8.96	-6.58	12.71	224.81	0.17
1200.00	1.43	219.94	1199.85	-10.96	-10.57	-7.69	15.23	223.96	0.04
1300.00	1.30	211.75	1299.83	-12.89	-11.97	-8.60	17.59	222.89	0.23
1400.00	1.13	210.13	1399.80	-14.70	-13.06	-9.23	19.66	221.62	0.18
1500.00	1.17	208.19	1499.78	-16.45	-14.04	-9.77	21.62	220.47	0.06
1600.00	0.92	209.56	1599.77	-18.05	-14.92	-10.25	23.42	219.57	0.25
1700.00	0.34	163.75	1699.76	-19.04	-15.23	-10.32	24.38	218.66	0.73
1800.00	0.25	120.43	1799.76	-19.43	-14.96	-9.96	24.52	217.59	0.23

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	TVD FT	+N/-S FT	+E/-W FT	Vertical Section FT	Closure Distance FT	Closure Direction Deg	Dogleg Severity Deg/100
1900.00	0.76	53.96	1899.76	-19.15	-14.24	-9.33	23.87	216.63	0.69
2000.00	0.64	63.22	1999.75	-18.52	-13.21	-8.48	22.75	215.51	0.16
2100.00	1.30	44.09	2099.73	-17.45	-11.93	-7.48	21.14	214.35	0.73
2200.00	1.42	50.82	2199.71	-15.85	-10.18	-6.16	18.84	212.70	0.20
2300.00	1.37	53.69	2299.68	-14.36	-8.25	-4.64	16.56	209.88	0.09
2400.00	1.08	64.72	2399.65	-13.25	-6.44	-3.14	14.73	205.91	0.37
2500.00	0.79	54.38	2499.64	-12.45	-5.03	-1.96	13.43	201.99	0.34
2600.00	0.54	73.21	2599.63	-11.92	-4.02	-1.10	12.58	198.65	0.33
2700.00	0.53	76.16	2699.63	-11.67	-3.12	-0.28	12.08	194.97	0.03
2800.00	0.49	87.83	2799.62	-11.54	-2.24	0.54	11.76	190.98	0.11
2900.00	0.69	79.96	2899.62	-11.42	-1.22	1.50	11.49	186.10	0.21
3000.00	0.94	78.87	2999.61	-11.16	0.17	2.79	11.16	179.12	0.25
3100.00	0.97	77.91	3099.60	-10.82	1.80	4.30	10.97	170.56	0.03
3200.00	0.70	86.15	3199.59	-10.61	3.23	5.64	11.09	163.07	0.30
3300.00	0.81	93.36	3299.58	-10.61	4.54	6.91	11.54	156.82	0.15
3400.00	0.79	110.42	3399.57	-10.89	5.90	8.30	12.38	151.56	0.24
3500.00	0.90	113.65	3499.56	-11.44	7.26	9.75	13.56	147.60	0.11
3600.00	1.03	139.39	3599.54	-12.44	8.57	11.26	15.11	145.45	0.45
3700.00	0.87	136.74	3699.53	-13.68	9.68	12.63	16.76	144.73	0.17
3800.00	1.42	165.42	3799.51	-15.43	10.51	13.84	18.67	145.75	0.78
3900.00	1.22	162.35	3899.48	-17.65	11.14	14.98	20.87	147.73	0.20
4000.00	0.85	158.31	3999.47	-19.35	11.74	15.97	22.64	148.76	0.38
4100.00	0.62	154.03	4099.46	-20.53	12.25	16.74	23.91	149.17	0.24
4200.00	0.26	146.28	4199.45	-21.20	12.61	17.25	24.67	149.25	0.36
4300.00	0.21	118.34	4299.45	-21.47	12.90	17.59	25.05	149.01	0.12
4400.00	0.42	116.98	4399.45	-21.73	13.39	18.13	25.52	148.36	0.21
4500.00	0.24	101.17	4499.45	-21.94	13.92	18.70	25.98	147.60	0.20
4600.00	0.44	99.72	4599.45	-22.04	14.51	19.29	26.39	146.65	0.20
4700.00	0.41	84.70	4699.45	-22.07	15.24	20.01	26.82	145.38	0.12
4800.00	0.27	89.48	4799.44	-22.04	15.83	20.57	27.13	144.32	0.15
4900.00	0.18	52.32	4899.44	-21.94	16.18	20.89	27.26	143.59	0.16
5000.00	0.31	66.33	4999.44	-21.74	16.55	21.20	27.32	142.72	0.14
5100.00	0.50	23.06	5099.44	-21.23	16.97	21.49	27.18	141.37	0.35
5200.00	1.40	11.99	5199.43	-19.63	17.39	21.52	26.23	138.46	0.91
5300.00	1.47	3.93	5299.39	-17.16	17.73	21.27	24.67	134.06	0.21
5400.00	1.35	0.79	5399.36	-14.70	17.84	20.80	23.12	129.50	0.14
5500.00	0.98	357.63	5499.34	-12.67	17.82	20.30	21.86	125.42	0.37
5600.00	1.23	0.37	5599.32	-10.75	17.79	19.82	20.78	121.13	0.25
5700.00	1.13	2.76	5699.30	-8.69	17.84	19.39	19.85	115.97	0.11



Vaughn Energy Services
Midland, Texas
432-563-5444
Surveyor: Tim Dillon
Mimosa 24 Federal Com No 001H / API 30-015-40626





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Devon Energy, Inc.

Eddy County (NAD83)

Mimosa 24 Federal

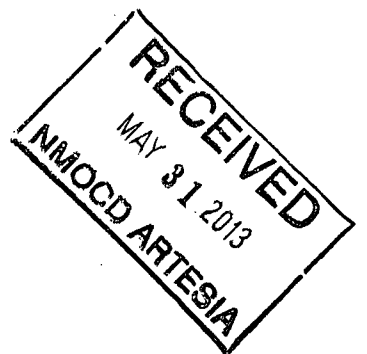
#1H

OH

Design: OH

Pathfinder X&Y Report

05 February, 2013





A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County (NAD83)	TVD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Site:	Mimosa 24 Federal	MD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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:	Mimosa 24 Federal		
Site Position:		Northing:	601,165.150 usft
From:	Map	Easting:	696,100.350 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32.651643
		Longitude:	-103.830493
		Grid Convergence:	0.27 °

Well	#1H					
Well Position	+N/-S	0.0 usft	Northing:	601,165.150 usft	Latitude:	32.651643
	+E/-W	0.0 usft	Easting:	696,100.350 usft	Longitude:	-103.830493
Position Uncertainty		0.0 usft	Wellhead Elevation:	usft	Ground Level:	3,537.5 usft

Wellbore	OH				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF200510	4/2/2012	7.63	60.54	48.804

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	87.39	



A Schlumberger Company

Pathfinder Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County (NAD83)	TVD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Site:	Mimosa 24 Federal	MD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

Survey Program		Date	2/5/2013		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
100.0	8,600.0	Gyro #1 (OH)	NS-GYRO-MS	North sensing gyrocompassing m/s	
8,773.0	13,679.0	MWD #2 (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	-3,563.5	0.0	0.0	0.0	0.00	601,165.15	696,100.35		
100.0	0.19	236.26	100.0	-3,463.5	-0.1	-0.1	-0.1	0.19	601,165.06	696,100.21		
200.0	0.19	213.90	200.0	-3,363.5	-0.3	-0.4	-0.4	0.07	601,164.83	696,099.98		
300.0	0.24	221.66	300.0	-3,263.5	-0.6	-0.6	-0.6	0.06	601,164.53	696,099.75		
400.0	0.26	225.57	400.0	-3,163.5	-0.9	-0.9	-0.9	0.03	601,164.22	696,099.45		
500.0	0.49	226.27	500.0	-3,063.5	-1.4	-1.4	-1.4	0.23	601,163.76	696,098.98		
600.0	0.81	239.66	600.0	-2,963.5	-2.0	-2.3	-2.4	0.35	601,163.11	696,098.06		
700.0	0.87	241.06	700.0	-2,863.5	-2.8	-3.6	-3.7	0.06	601,162.39	696,096.78		
800.0	0.90	241.46	800.0	-2,763.5	-3.5	-4.9	-5.1	0.03	601,161.64	696,095.43		
900.0	1.39	209.52	899.9	-2,663.6	-4.9	-6.2	-6.4	0.79	601,160.21	696,094.14		
1,000.0	1.40	213.41	999.9	-2,563.6	-7.0	-7.5	-7.8	0.10	601,158.14	696,092.87		
1,100.0	1.47	219.42	1,099.9	-2,463.6	-9.0	-9.0	-9.4	0.17	601,156.13	696,091.39		
1,200.0	1.43	219.94	1,199.9	-2,363.6	-11.0	-10.6	-11.1	0.04	601,154.18	696,089.77		
1,300.0	1.30	211.75	1,299.8	-2,263.7	-12.9	-12.0	-12.6	0.23	601,152.26	696,088.37		
1,400.0	1.13	210.13	1,399.8	-2,163.7	-14.7	-13.1	-13.7	0.17	601,150.44	696,087.28		
1,500.0	1.17	208.19	1,499.8	-2,063.7	-16.5	-14.0	-14.8	0.06	601,148.69	696,086.30		
1,600.0	0.92	209.56	1,599.8	-1,963.7	-18.1	-14.9	-15.7	0.25	601,147.09	696,085.42		
1,700.0	0.34	163.75	1,699.8	-1,863.7	-19.0	-15.2	-16.1	0.73	601,146.11	696,085.11		
1,800.0	0.25	120.43	1,799.8	-1,763.7	-19.4	-15.0	-15.8	0.23	601,145.71	696,085.38		
1,900.0	0.76	53.96	1,899.8	-1,663.7	-19.2	-14.2	-15.1	0.70	601,145.99	696,086.11		
2,000.0	0.64	63.22	1,999.7	-1,563.8	-18.5	-13.2	-14.0	0.16	601,146.63	696,087.14		



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Mimosa 24 Federal
Well: #1H
Wellbore: OH
Design: OH

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

Well #1H
KB = 26 @ 3563.5usft (H&P 300)
KB = 26 @ 3563.5usft (H&P 300)
Grid
Minimum Curvature
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)	Northings (usft)	Easting (usft)	
2,100.0	1.30	44.09	2,099.7	-1,463.8	-17.4	-11.9	-12.7	0.73	601,147.70	696,088.43	
2,200.0	1.42	50.82	2,199.7	-1,363.8	-15.9	-10.2	-10.9	0.20	601,149.30	696,090.18	
2,300.0	1.37	53.69	2,299.7	-1,263.8	-14.4	-8.2	-8.9	0.09	601,150.79	696,092.10	
2,400.0	1.08	64.72	2,399.7	-1,163.8	-13.3	-6.4	-7.0	0.37	601,151.90	696,093.92	
2,500.0	0.79	54.38	2,499.6	-1,063.9	-12.4	-5.0	-5.6	0.33	601,152.70	696,095.33	
2,600.0	0.54	73.21	2,599.6	-963.9	-11.9	-4.0	-4.5	0.33	601,153.24	696,096.34	
2,700.0	0.53	76.16	2,699.6	-863.9	-11.7	-3.1	-3.6	0.03	601,153.49	696,097.24	
2,800.0	0.49	87.83	2,799.6	-763.9	-11.5	-2.2	-2.8	0.11	601,153.61	696,098.12	
2,900.0	0.69	79.96	2,899.6	-663.9	-11.4	-1.2	-1.7	0.22	601,153.74	696,099.14	
3,000.0	0.94	78.87	2,999.6	-563.9	-11.2	0.2	-0.3	0.25	601,154.00	696,100.54	
3,100.0	0.97	77.91	3,099.6	-463.9	-10.8	1.8	1.3	0.03	601,154.33	696,102.17	
3,200.0	0.70	86.15	3,199.6	-363.9	-10.6	3.3	2.8	0.29	601,154.55	696,103.61	
3,300.0	0.81	93.36	3,299.6	-263.9	-10.6	4.6	4.1	0.15	601,154.55	696,104.92	
3,400.0	0.79	110.42	3,399.6	-163.9	-10.9	5.9	5.4	0.24	601,154.27	696,106.27	
3,500.0	0.90	113.65	3,499.6	-63.9	-11.4	7.3	6.8	0.12	601,153.71	696,107.64	
3,600.0	1.03	139.39	3,599.5	36.0	-12.4	8.6	8.0	0.45	601,152.72	696,108.94	
3,700.0	0.87	136.74	3,699.5	136.0	-13.7	9.7	9.1	0.17	601,151.48	696,110.05	
3,800.0	1.42	165.42	3,799.5	236.0	-15.4	10.5	9.8	0.78	601,149.73	696,110.88	
3,900.0	1.22	162.35	3,899.5	336.0	-17.6	11.2	10.4	0.21	601,147.52	696,111.52	
4,000.0	0.85	158.31	3,999.5	436.0	-19.3	11.8	10.9	0.38	601,145.81	696,112.11	
4,100.0	0.62	154.03	4,099.5	536.0	-20.5	12.3	11.3	0.24	601,144.64	696,112.62	
4,200.0	0.26	146.28	4,199.5	636.0	-21.2	12.6	11.7	0.36	601,143.96	696,112.99	
4,300.0	0.21	118.34	4,299.5	736.0	-21.5	12.9	11.9	0.12	601,143.69	696,113.27	
4,400.0	0.42	116.98	4,399.5	836.0	-21.7	13.4	12.4	0.21	601,143.43	696,113.76	
4,500.0	0.24	101.17	4,499.4	935.9	-21.9	13.9	12.9	0.20	601,143.23	696,114.29	
4,600.0	0.44	99.72	4,599.4	1,035.9	-22.0	14.5	13.5	0.20	601,143.12	696,114.88	
4,700.0	0.41	84.70	4,699.4	1,135.9	-22.1	15.3	14.2	0.12	601,143.09	696,115.61	



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Mimosa 24 Federal
Well: #1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #1H
TVD Reference: KB = 26 @ 3563.5usft (H&P 300)
MD Reference: KB = 26 @ 3563.5usft (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)	
4,800.0	0.27	89.48	4,799.4	1,235.9	-22.0	15.9	14.8	0.14	601,143.12	696,116.20	
4,900.0	0.18	52.32	4,899.4	1,335.9	-21.9	16.2	15.2	0.17	601,143.22	696,116.56	
5,000.0	0.31	66.33	4,999.4	1,435.9	-21.7	16.6	15.6	0.14	601,143.43	696,116.94	
5,100.0	0.50	23.06	5,099.4	1,535.9	-21.2	17.0	16.0	0.35	601,143.94	696,117.35	
5,200.0	1.40	11.99	5,199.4	1,635.9	-19.6	17.4	16.5	0.91	601,145.53	696,117.78	
5,300.0	1.47	3.93	5,299.4	1,735.9	-17.1	17.8	17.0	0.21	601,148.01	696,118.12	
5,400.0	1.35	0.79	5,399.4	1,835.9	-14.7	17.9	17.2	0.14	601,150.47	696,118.23	
5,500.0	0.98	357.63	5,499.3	1,935.8	-12.7	17.9	17.3	0.38	601,152.50	696,118.21	
5,600.0	1.23	0.37	5,599.3	2,035.8	-10.7	17.8	17.3	0.26	601,154.43	696,118.18	
5,700.0	1.13	2.76	5,699.3	2,135.8	-8.7	17.9	17.5	0.11	601,156.48	696,118.23	
5,800.0	1.16	6.60	5,799.3	2,235.8	-6.7	18.0	17.7	0.08	601,158.47	696,118.40	
5,900.0	0.98	6.85	5,899.3	2,335.8	-4.8	18.3	18.0	0.18	601,160.33	696,118.61	
6,000.0	0.85	3.86	5,999.3	2,435.8	-3.2	18.4	18.3	0.14	601,161.92	696,118.77	
6,100.0	0.57	26.66	6,099.2	2,535.7	-2.0	18.7	18.6	0.39	601,163.10	696,119.04	
6,200.0	0.66	20.28	6,199.2	2,635.7	-1.1	19.1	19.0	0.11	601,164.09	696,119.46	
6,300.0	0.63	26.99	6,299.2	2,735.7	0.0	19.6	19.5	0.08	601,165.12	696,119.91	
6,400.0	0.46	34.37	6,399.2	2,835.7	0.8	20.0	20.1	0.18	601,165.94	696,120.39	
6,500.0	0.52	41.40	6,499.2	2,935.7	1.5	20.6	20.6	0.08	601,166.61	696,120.91	
6,600.0	0.28	32.61	6,599.2	3,035.7	2.0	21.0	21.1	0.25	601,167.16	696,121.35	
6,700.0	0.13	356.91	6,699.2	3,135.7	2.3	21.1	21.2	0.19	601,167.48	696,121.47	
6,800.0	0.27	311.51	6,799.2	3,235.7	2.6	20.9	21.0	0.20	601,167.75	696,121.29	
6,900.0	0.97	281.30	6,899.2	3,335.7	2.9	19.9	20.0	0.75	601,168.07	696,120.28	
7,000.0	0.98	283.83	6,999.2	3,435.7	3.3	18.3	18.4	0.04	601,168.44	696,118.62	
7,100.0	0.50	272.94	7,099.2	3,535.7	3.5	17.0	17.1	0.50	601,168.66	696,117.36	
7,200.0	0.48	301.55	7,199.2	3,635.7	3.8	16.2	16.4	0.24	601,168.91	696,116.56	
7,300.0	0.50	271.93	7,299.2	3,735.7	4.0	15.4	15.6	0.25	601,169.14	696,115.77	
7,400.0	0.58	283.59	7,399.2	3,835.7	4.1	14.5	14.7	0.14	601,169.27	696,114.84	



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Pathfinder

Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County (NAD83)	TVD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Site:	Mimosa 24 Federal	MD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)	
7,500.0	0.30	263.05	7,499.2	3,935.7	4.2	13.7	13.9	0.32	601,169.36	696,114.09	
7,600.0	0.49	240.08	7,599.2	4,035.7	4.0	13.1	13.3	0.24	601,169.12	696,113.46	
7,700.0	1.15	197.69	7,699.2	4,135.7	2.8	12.4	12.5	0.85	601,167.95	696,112.78	
7,800.0	1.43	183.90	7,799.1	4,235.6	0.6	12.0	12.1	0.42	601,165.75	696,112.39	
7,900.0	1.54	184.11	7,899.1	4,335.6	-2.0	11.9	11.8	0.11	601,163.16	696,112.21	
8,000.0	1.51	189.77	7,999.1	4,435.6	-4.6	11.5	11.3	0.15	601,160.52	696,111.89	
8,100.0	1.74	215.33	8,099.0	4,535.5	-7.2	10.4	10.1	0.75	601,157.98	696,110.79	
8,200.0	2.20	215.59	8,199.0	4,635.5	-10.0	8.4	8.0	0.46	601,155.18	696,108.80	
8,300.0	2.49	212.96	8,298.9	4,735.4	-13.3	6.1	5.5	0.31	601,151.80	696,106.50	
8,400.0	2.45	210.54	8,398.8	4,835.3	-17.0	3.9	3.1	0.11	601,148.14	696,104.23	
8,500.0	2.51	210.67	8,498.7	4,935.2	-20.7	1.7	0.7	0.06	601,144.41	696,102.03	
8,600.0	2.46	205.26	8,598.6	5,035.1	-24.6	-0.4	-1.5	0.24	601,140.59	696,099.99	
KOP - 8600.0 'MD, 8598.6 'TVD, -24.6 'N, -0.4 'E											
8,773.0	13.72	72.40	8,770.1	5,206.6	-21.7	17.7	16.7	8.96	601,143.45	696,118.08	
8,805.0	16.88	76.70	8,801.0	5,237.5	-19.5	25.9	25.0	10.49	601,145.67	696,126.22	
8,836.0	19.70	73.01	8,830.4	5,266.9	-16.9	35.2	34.4	9.83	601,148.23	696,135.60	
8,868.0	22.25	76.53	8,860.3	5,296.8	-13.9	46.3	45.6	8.89	601,151.22	696,146.65	
8,899.0	25.76	80.48	8,888.6	5,325.1	-11.4	58.7	58.1	12.45	601,153.70	696,159.00	
8,931.0	28.31	82.33	8,917.1	5,353.6	-9.3	73.0	72.5	8.39	601,155.87	696,173.38	
8,963.0	29.11	81.36	8,945.2	5,381.7	-7.1	88.3	87.8	2.89	601,158.05	696,188.60	
8,994.0	30.95	80.22	8,972.0	5,408.5	-4.6	103.6	103.2	6.21	601,160.53	696,203.91	
9,026.0	34.03	78.81	8,999.0	5,435.5	-1.5	120.5	120.3	9.91	601,163.67	696,220.81	
9,057.0	37.20	78.37	9,024.2	5,460.7	2.1	138.2	138.1	10.26	601,167.24	696,238.50	
9,089.0	39.48	78.90	9,049.3	5,485.8	6.0	157.6	157.7	7.20	601,171.15	696,257.96	
9,120.0	41.42	79.16	9,072.9	5,509.4	9.8	177.4	177.6	6.28	601,174.98	696,277.71	
9,152.0	44.23	79.52	9,096.3	5,532.8	13.9	198.7	199.2	8.81	601,179.00	696,299.08	
9,184.0	46.69	79.87	9,118.8	5,555.3	17.9	221.2	221.8	7.73	601,183.08	696,321.52	



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Pathfinder

Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County (NAD83)	TVD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Site:	Mimosa 24 Federal	MD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	Database:	EDM 5000.1 Single User Db

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	TVDSS (usft)	N/S (usft)	E/W (usft)	V. Sec (usft)	DLeg (°/100usft)	Northing (usft)	Easting (usft)
9,215.0	50.21	80.04	9,139.3	5,575.8	22.0	244.0	244.8	11.36	601,187.12	696,344.36
9,247.0	53.73	79.96	9,159.1	5,595.6	26.4	268.8	269.7	11.00	601,191.50	696,369.18
9,278.0	57.24	79.78	9,176.6	5,613.1	30.8	294.0	295.1	11.33	601,195.99	696,394.32
9,310.0	61.11	78.73	9,193.0	5,629.5	36.0	321.0	322.3	12.42	601,201.12	696,421.31
9,341.0	64.81	78.37	9,207.1	5,643.6	41.5	348.0	349.5	11.98	601,206.60	696,448.37
9,372.0	68.32	78.11	9,219.4	5,655.9	47.2	375.9	377.6	11.35	601,212.40	696,476.21
9,404.0	71.67	77.85	9,230.4	5,666.9	53.5	405.3	407.3	10.50	601,218.66	696,505.62
9,435.0	74.04	77.93	9,239.5	5,676.0	59.7	434.2	436.5	7.65	601,224.88	696,534.58
9,466.0	77.29	77.67	9,247.2	5,683.7	66.1	463.6	466.1	10.52	601,231.22	696,563.93
9,498.0	80.55	77.32	9,253.3	5,689.8	72.9	494.2	497.0	10.24	601,238.02	696,594.58
9,529.0	83.89	76.70	9,257.5	5,694.0	79.8	524.2	527.2	10.95	601,244.92	696,624.51
9,576.0	87.76	75.91	9,261.0	5,697.5	90.9	569.7	573.2	8.40	601,256.02	696,670.04
9,670.0	87.76	76.79	9,264.6	5,701.1	113.0	661.0	665.4	0.94	601,278.19	696,761.32
9,749.0	87.49	78.63	9,267.9	5,704.4	129.8	738.1	743.2	2.35	601,294.99	696,838.44
9,843.0	87.93	80.73	9,271.7	5,708.2	146.7	830.5	836.3	2.28	601,311.81	696,930.84
9,937.0	89.08	82.46	9,274.1	5,710.6	160.4	923.4	929.8	2.21	601,325.55	697,023.79
10,031.0	90.31	85.70	9,274.6	5,711.1	170.1	1,016.9	1,023.6	3.69	601,335.24	697,117.27
LP - 10031.0 'MD, 9274.6 'TVD, 170.1 'N, 1016.9 'E										
10,126.0	90.04	88.23	9,274.3	5,710.8	175.1	1,111.8	1,118.6	2.68	601,340.27	697,212.13
10,220.0	88.02	90.08	9,275.9	5,712.4	176.5	1,205.7	1,212.5	2.91	601,341.66	697,306.10
10,314.0	87.58	90.30	9,279.5	5,716.0	176.2	1,299.7	1,306.3	0.52	601,341.34	697,400.03
10,408.0	87.49	90.51	9,283.6	5,720.1	175.5	1,393.6	1,400.1	0.24	601,340.68	697,493.94
10,502.0	88.11	89.17	9,287.2	5,723.7	175.8	1,487.5	1,494.0	1.57	601,340.94	697,587.87
10,597.0	87.85	89.20	9,290.5	5,727.0	177.1	1,582.4	1,588.9	0.28	601,342.29	697,682.80
10,691.0	89.08	89.00	9,293.0	5,729.5	178.6	1,676.4	1,682.8	1.33	601,343.77	697,776.75
10,786.0	89.96	89.40	9,293.8	5,730.3	179.9	1,771.4	1,777.7	1.02	601,345.10	697,871.74
10,881.0	89.96	89.48	9,293.9	5,730.4	180.9	1,866.4	1,872.7	0.08	601,346.02	697,966.73



A Schlumberger Company

Pathfinder

Pathfinder X&Y Report



Company:	Devon Energy, Inc.	Local Co-ordinate Reference:	Well #1H
Project:	Eddy County (NAD83)	TVD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Site:	Mimosa 24 Federal	MD Reference:	KB = 26 @ 3563.5usft (H&P 300)
Well:	#1H	North Reference:	Grid
Wellbore:	OH	Survey Calculation Method:	Minimum Curvature
Design:	OH	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)	
10,975.0	89.25	90.01	9,294.5	5,731.0	181.3	1,960.4	1,966.6	0.94	601,346.44	698,060.73	
11,070.0	88.81	90.21	9,296.2	5,732.7	181.1	2,055.4	2,061.5	0.51	601,346.26	698,155.71	
11,164.0	88.64	88.26	9,298.2	5,734.7	182.4	2,149.3	2,155.4	2.08	601,347.52	698,249.68	
11,259.0	88.20	87.78	9,300.9	5,737.4	185.6	2,244.2	2,250.4	0.69	601,350.80	698,344.58	
11,353.0	88.20	89.18	9,303.8	5,740.3	188.1	2,338.2	2,344.3	1.49	601,353.29	698,438.50	
11,448.0	87.85	89.54	9,307.1	5,743.6	189.2	2,433.1	2,439.2	0.53	601,354.35	698,533.44	
11,543.0	89.52	90.06	9,309.3	5,745.8	189.5	2,528.1	2,534.1	1.84	601,354.68	698,628.41	
11,630.5	90.80	89.25	9,309.0	5,745.5	190.1	2,615.6	2,621.5	1.73	601,355.20	698,715.94	
Mid-Pt (MIM 24 #1H)											
11,657.0	91.19	89.01	9,308.6	5,745.1	190.5	2,642.0	2,648.0	1.73	601,355.61	698,742.40	
11,751.0	90.40	90.06	9,307.3	5,743.8	191.2	2,736.0	2,741.9	1.40	601,356.37	698,836.38	
11,846.0	90.57	90.85	9,306.5	5,743.0	190.5	2,831.0	2,836.8	0.85	601,355.61	698,931.38	
11,940.0	90.40	90.06	9,305.7	5,742.2	189.7	2,925.0	2,930.6	0.86	601,354.87	699,025.37	
12,035.0	90.57	90.33	9,304.9	5,741.4	189.4	3,020.0	3,025.5	0.34	601,354.54	699,120.37	
12,129.0	90.84	90.24	9,303.7	5,740.2	188.9	3,114.0	3,119.4	0.30	601,354.08	699,214.36	
12,224.0	91.89	88.04	9,301.4	5,737.9	190.4	3,209.0	3,214.3	2.57	601,355.50	699,309.31	
12,319.0	92.07	88.04	9,298.2	5,734.7	193.6	3,303.9	3,309.2	0.19	601,358.75	699,404.20	
12,413.0	91.01	88.83	9,295.6	5,732.1	196.2	3,397.8	3,403.2	1.41	601,361.31	699,498.13	
12,508.0	89.52	89.54	9,295.2	5,731.7	197.5	3,492.8	3,498.1	1.74	601,362.67	699,593.12	
12,603.0	90.22	89.01	9,295.4	5,731.9	198.7	3,587.8	3,593.1	0.92	601,363.87	699,688.11	
12,697.0	92.15	88.66	9,293.5	5,730.0	200.6	3,681.7	3,687.0	2.09	601,365.78	699,782.06	
12,792.0	92.51	89.18	9,289.6	5,726.1	202.4	3,776.6	3,781.9	0.67	601,367.57	699,876.97	
12,886.0	91.80	90.59	9,286.1	5,722.6	202.6	3,870.5	3,875.8	1.68	601,367.76	699,970.90	
12,981.0	90.57	91.29	9,284.1	5,720.6	201.0	3,965.5	3,970.6	1.49	601,366.20	700,065.86	
13,076.0	90.92	92.08	9,282.9	5,719.4	198.3	4,060.5	4,065.3	0.91	601,363.40	700,160.81	
13,171.0	91.45	91.82	9,280.9	5,717.4	195.0	4,155.4	4,160.0	0.62	601,360.17	700,255.74	
13,265.0	91.10	91.12	9,278.8	5,715.3	192.6	4,249.3	4,253.7	0.83	601,357.76	700,349.68	



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Pathfinder Pathfinder X&Y Report



Company: Devon Energy, Inc.
Project: Eddy County (NAD83)
Site: Mimosa 24 Federal
Well: #1H
Wellbore: OH
Design: OH

Local Co-ordinate Reference: Well #1H
TVD Reference: KB = 26 @ 3563.5usft (H&P 300)
MD Reference: KB = 26 @ 3563.5usft (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)
13,360.0	90.92	88.92	9,277.1	5,713.6	192.6	4,344.3	4,348.6	2.32	601,357.73	700,444.66
13,455.0	91.36	87.60	9,275.2	5,711.7	195.5	4,439.2	4,443.5	1.46	601,360.61	700,539.60
13,549.0	91.01	87.87	9,273.3	5,709.8	199.2	4,533.2	4,537.5	0.47	601,364.33	700,633.50
13,599.0	90.57	88.22	9,272.6	5,709.1	200.9	4,583.1	4,587.5	1.12	601,366.03	700,683.47
13,679.0	90.57	88.22	9,271.8	5,708.3	203.4	4,663.1	4,667.5	0.00	601,368.52	700,763.43
PROJECTED BHL - 13679.0 'MD, 9271.8 'TVD, 203.4 'N, 4663.1 'E - PBHL (MIM 24 #1H)										

Design Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
8,600.0	8,598.6	-24.6	-0.4	KOP - 8600.0 'MD, 8598.6 'TVD, -24.6 'N, -0.4 'E
10,031.0	9,274.6	170.1	1,016.9	LP - 10031.0 'MD, 9274.6 'TVD, 170.1 'N, 1016.9 'E
13,679.0	9,271.8	203.4	4,663.1	PROJECTED BHL - 13679.0 'MD, 9271.8 'TVD, 203.4 'N, 4663.1 'E

Checked By: _____ Approved By: _____ Date: _____

Devon - Mimosa 24 Federal #1H - EOW - TXT

HEADER INFORMATION

COMPANY : Devon Energy, Inc.
FIELD : Eddy County (NAD83)
SITE : Mimosa 24 Federal
WELL : #1H
WELLPATH: OH
DEPTHUNT: usft

WELL INFORMATION

WELL EW MAP : 696100.35
WELL NS MAP : 601165.15
DATUM ELEVN : 3563.50
VSECT ANGLE : 87.39
VSECT NORTH : 0.00
VSECT EAST : 0.00

SURVEY TYPE INFORMATION

H 100.00 - 8600.00 GYRO #1 : NS-GYRO-MS
H 8773.00 - 13679.00 MWD #2 : MWD

SURVEY LIST

MD	INC	AZI	TVD	VSEC	N/S	E/W
0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.19	236.26	100.00	-0.14	-0.09	-0.14
200.00	0.19	213.90	200.00	-0.38	-0.32	-0.37
300.00	0.24	221.66	300.00	-0.63	-0.62	-0.60
400.00	0.26	225.57	400.00	-0.94	-0.93	-0.90
500.00	0.49	226.27	500.00	-1.43	-1.39	-1.37
600.00	0.81	239.66	599.99	-2.38	-2.04	-2.29
700.00	0.87	241.06	699.98	-3.69	-2.76	-3.57
800.00	0.90	241.46	799.97	-5.07	-3.51	-4.92
900.00	1.39	209.52	899.95	-6.43	-4.94	-6.21
1000.00	1.40	213.41	999.92	-7.79	-7.01	-7.48
1100.00	1.47	219.42	1099.89	-9.37	-9.02	-8.96
1200.00	1.43	219.94	1199.85	-11.07	-10.97	-10.58
1300.00	1.30	211.75	1299.83	-12.55	-12.89	-11.98
1400.00	1.13	210.13	1399.80	-13.73	-14.71	-13.07
1500.00	1.17	208.19	1499.78	-14.78	-16.46	-14.05
1600.00	0.92	209.56	1599.77	-15.73	-18.06	-14.93
1700.00	0.34	163.75	1699.76	-16.09	-19.04	-15.24
1800.00	0.25	120.43	1799.76	-15.84	-19.44	-14.97
1900.00	0.76	53.96	1899.76	-15.10	-19.16	-14.24
2000.00	0.64	63.22	1999.75	-14.04	-18.52	-13.21
2100.00	1.30	44.09	2099.73	-12.70	-17.45	-11.92
2200.00	1.42	50.82	2199.71	-10.88	-15.85	-10.17
2300.00	1.37	53.69	2299.68	-8.89	-14.36	-8.25
2400.00	1.08	64.72	2399.65	-7.03	-13.25	-6.43
2500.00	0.79	54.38	2499.64	-5.58	-12.45	-5.02
2600.00	0.54	73.21	2599.63	-4.54	-11.91	-4.01
2700.00	0.53	76.16	2699.63	-3.63	-11.66	-3.11
2800.00	0.49	87.83	2799.62	-2.75	-11.54	-2.23
2900.00	0.69	79.96	2899.62	-1.73	-11.41	-1.21
3000.00	0.94	78.87	2999.61	-0.32	-11.15	0.19
3100.00	0.97	77.91	3099.60	1.33	-10.82	1.82
3200.00	0.70	86.15	3199.58	2.77	-10.60	3.26
3300.00	0.81	93.36	3299.58	4.09	-10.60	4.57
3400.00	0.79	110.42	3399.57	5.42	-10.88	5.92
3500.00	0.90	113.65	3499.56	6.76	-11.44	7.29
3600.00	1.03	139.39	3599.54	8.02	-12.43	8.59
3700.00	0.87	136.74	3699.53	9.07	-13.67	9.70
3800.00	1.42	165.42	3799.51	9.82	-15.42	10.53
3900.00	1.22	162.35	3899.48	10.35	-17.63	11.17
4000.00	0.85	158.31	3999.47	10.87	-19.34	11.76

		Devon	- Mimosa 24	Federal #1H	- EOW	- TXT
4100.00	0.62	154.03	4099.46	11.33	-20.51	12.27
4200.00	0.26	146.28	4199.45	11.66	-21.19	12.64
4300.00	0.21	118.34	4299.45	11.93	-21.46	12.92
4400.00	0.42	116.98	4399.45	12.41	-21.72	13.41
4500.00	0.24	101.17	4499.45	12.93	-21.92	13.94
4600.00	0.44	99.72	4599.45	13.51	-22.03	14.53
4700.00	0.41	84.70	4699.45	14.24	-22.06	15.26
4800.00	0.27	89.48	4799.44	14.84	-22.03	15.85
4900.00	0.18	52.32	4899.44	15.20	-21.93	16.21
5000.00	0.31	66.33	4999.44	15.58	-21.72	16.59
5100.00	0.50	23.06	5099.44	16.02	-21.21	17.00
5200.00	1.40	11.99	5199.42	16.52	-19.62	17.43
5300.00	1.47	3.93	5299.39	16.97	-17.14	17.77
5400.00	1.35	0.79	5399.36	17.19	-14.68	17.88
5500.00	0.98	357.63	5499.34	17.26	-12.65	17.86
5600.00	1.23	0.37	5599.32	17.32	-10.72	17.83
5700.00	1.13	2.76	5699.30	17.47	-8.67	17.88
5800.00	1.16	6.60	5799.28	17.72	-6.68	18.05
5900.00	0.98	6.85	5899.26	18.03	-4.82	18.26
6000.00	0.85	3.86	5999.25	18.25	-3.23	18.42
6100.00	0.57	26.66	6099.24	18.58	-2.05	18.69
6200.00	0.66	20.28	6199.24	19.04	-1.06	19.11
6300.00	0.63	26.99	6299.23	19.54	-0.03	19.56
6400.00	0.46	34.37	6399.23	20.05	0.79	20.04
6500.00	0.52	41.40	6499.22	20.61	1.46	20.56
6600.00	0.28	32.61	6599.22	21.07	2.01	21.00
6700.00	0.13	356.91	6699.22	21.21	2.33	21.12
6800.00	0.27	311.51	6799.22	21.04	2.60	20.94
6900.00	0.97	281.30	6899.21	20.04	2.92	19.93
7000.00	0.98	283.83	6999.20	18.40	3.29	18.27
7100.00	0.50	272.94	7099.19	17.15	3.51	17.01
7200.00	0.48	301.55	7199.19	16.37	3.76	16.21
7300.00	0.50	271.93	7299.18	15.59	3.99	15.42
7400.00	0.58	283.59	7399.18	14.66	4.12	14.49
7500.00	0.30	263.05	7499.18	13.92	4.21	13.74
7600.00	0.49	240.08	7599.17	13.28	3.97	13.11
7700.00	1.15	197.69	7699.16	12.55	2.80	12.43
7800.00	1.43	183.90	7799.14	12.06	0.60	12.04
7900.00	1.54	184.11	7899.11	11.76	-1.99	11.86
8000.00	1.51	189.77	7999.07	11.32	-4.63	11.54
8100.00	1.74	215.33	8099.03	10.11	-7.17	10.44
8200.00	2.20	215.59	8198.97	7.99	-9.97	8.45
8300.00	2.49	212.96	8298.89	5.53	-13.35	6.15
8400.00	2.45	210.54	8398.80	3.10	-17.01	3.88
8500.00	2.51	210.67	8498.70	0.73	-20.74	1.68
8600.00	2.46	205.26	8598.61	-1.47	-24.56	-0.36
8773.00	13.72	72.40	8770.11	16.72	-21.70	17.73
8805.00	16.88	76.70	8800.97	24.95	-19.48	25.87
8836.00	19.70	73.01	8830.40	34.44	-16.92	35.25
8868.00	22.25	76.53	8860.28	45.62	-13.93	46.30
8899.00	25.76	80.48	8888.60	58.07	-11.45	58.65
8931.00	28.31	82.33	8917.10	72.54	-9.28	73.03
8963.00	29.11	81.36	8945.16	87.84	-7.10	88.25
8994.00	30.95	80.22	8972.00	103.25	-4.62	103.56
9026.00	34.03	78.81	8998.99	120.27	-1.48	120.46
9057.00	37.20	78.37	9024.19	138.10	2.09	138.15
9089.00	39.48	78.90	9049.29	157.72	6.00	157.61
9120.00	41.42	79.16	9072.87	177.62	9.83	177.36
9152.00	44.23	79.52	9096.34	199.16	13.85	198.73
9184.00	46.69	79.87	9118.79	221.76	17.93	221.17
9215.00	50.21	80.04	9139.34	244.76	21.97	244.01
9247.00	53.73	79.96	9159.05	269.75	26.35	268.83
9278.00	57.24	79.78	9176.62	295.07	30.84	293.97

		Devon -	Mimosa 24	Federal	#1H -	EOW -	TXT
9310.00	61.11	78.73	9193.01	322.27	35.97	320.96	
9341.00	64.81	78.37	9207.10	349.54	41.45	348.02	
9372.00	68.32	78.11	9219.43	377.62	47.25	375.86	
9404.00	71.67	77.85	9230.38	407.28	53.51	405.27	
9435.00	74.04	77.93	9239.51	436.49	59.73	434.23	
9466.00	77.29	77.67	9247.19	466.10	66.07	463.58	
9498.00	80.55	77.32	9253.34	497.04	72.87	494.23	
9529.00	83.89	76.70	9257.53	527.24	79.77	524.16	
9576.00	87.76	75.91	9260.95	573.23	90.87	569.69	
9670.00	87.76	76.79	9264.63	665.42	113.04	660.97	
9749.00	87.49	78.63	9267.90	743.22	129.84	738.09	
9843.00	87.93	80.73	9271.66	836.29	146.66	830.49	
9937.00	89.08	82.46	9274.11	929.78	160.40	923.44	
10031.00	90.31	85.70	9274.61	1023.60	170.09	1016.92	
10126.00	90.04	88.23	9274.32	1118.59	175.12	1111.78	
10220.00	88.02	90.08	9275.91	1212.52	176.51	1205.75	
10314.00	87.58	90.30	9279.52	1306.34	176.19	1299.68	
10408.00	87.49	90.51	9283.56	1400.13	175.53	1393.59	
10502.00	88.11	89.17	9287.17	1493.97	175.79	1487.52	
10597.00	87.85	89.20	9290.52	1588.86	177.14	1582.45	
10691.00	89.08	89.00	9293.04	1682.79	178.62	1676.40	
10786.00	89.96	89.40	9293.83	1777.74	179.95	1771.39	
10881.00	89.96	89.48	9293.90	1872.67	180.87	1866.38	
10975.00	89.25	90.01	9294.55	1966.59	181.29	1960.38	
11070.00	88.81	90.21	9296.16	2061.47	181.11	2055.36	
11164.00	88.64	88.26	9298.25	2155.40	182.37	2149.33	
11259.00	88.20	87.78	9300.87	2250.35	185.65	2244.23	
11353.00	88.20	89.18	9303.82	2344.29	188.14	2338.15	
11448.00	87.85	89.54	9307.10	2439.18	189.20	2433.09	
11543.00	89.52	90.06	9309.28	2534.06	189.53	2528.06	
11657.00	91.19	89.01	9308.57	2647.98	190.46	2642.05	
11751.00	90.40	90.06	9307.26	2741.90	191.22	2736.03	
11846.00	90.57	90.85	9306.46	2836.76	190.46	2831.03	
11940.00	90.40	90.06	9305.66	2930.62	189.72	2925.02	
12035.00	90.57	90.33	9304.86	3025.50	189.39	3020.02	
12129.00	90.84	90.24	9303.70	3119.38	188.93	3114.01	
12224.00	91.89	88.04	9301.44	3214.30	190.35	3208.96	
12319.00	92.07	88.04	9298.16	3309.24	193.60	3303.85	
12413.00	91.01	88.83	9295.63	3403.18	196.16	3397.78	
12508.00	89.52	89.54	9295.19	3498.13	197.52	3492.77	
12603.00	90.22	89.01	9295.41	3593.08	198.72	3587.76	
12697.00	92.15	88.66	9293.46	3687.03	200.63	3681.71	
12792.00	92.51	89.18	9289.60	3781.91	202.42	3776.62	
12886.00	91.80	90.59	9286.07	3875.76	202.61	3870.55	
12981.00	90.57	91.29	9284.10	3970.55	201.05	3965.51	
13076.00	90.92	92.08	9282.87	4065.28	198.25	4060.46	
13171.00	91.45	91.82	9280.90	4159.96	195.02	4155.39	
13265.00	91.10	91.12	9278.81	4253.69	192.61	4249.33	
13360.00	90.92	88.92	9277.14	4348.57	192.58	4344.31	
13455.00	91.36	87.60	9275.25	4443.54	195.46	4439.25	
13549.00	91.01	87.87	9273.30	4537.52	199.18	4533.15	
13599.00	90.57	88.22	9272.61	4587.51	200.88	4583.12	
13679.00	90.57	88.22	9271.82	4667.50	203.37	4663.08	

devon

Project: Eddy County (NAD83)

Site: Mimosa 24 Federal

Well: #1H

Wellbore: OH

Plan: Post Gyro Plan #4 (#1H/OH)

PROJECT DETAILS: Eddy County (NAD83)
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

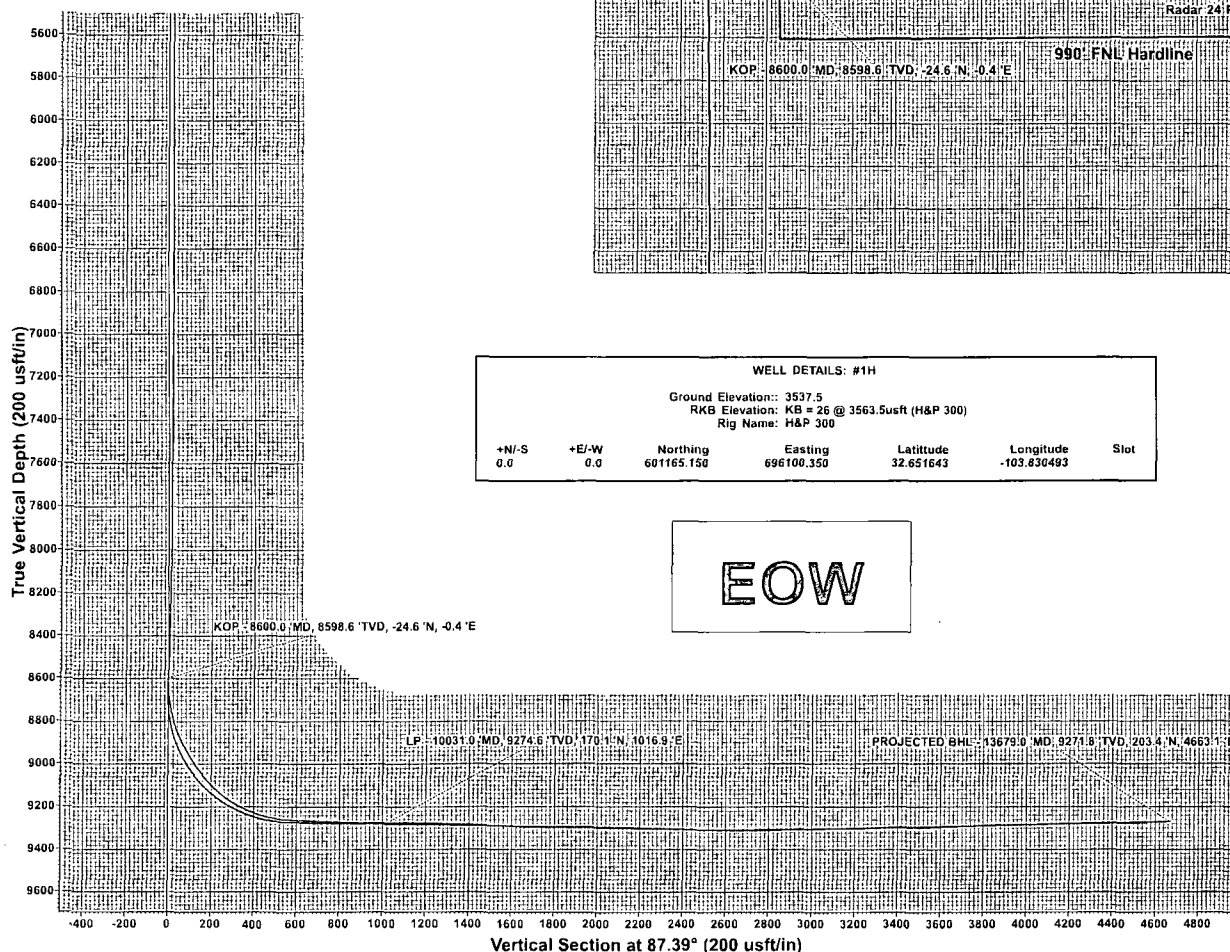


Azimuths to Grid North
True North: -0.27°
Magnetic North: 7.36°

Magnetic Field
Strength: 48803.6snT
Dip Angle: 60.54°
Date: 4/2/2012
Model: IGRF200510

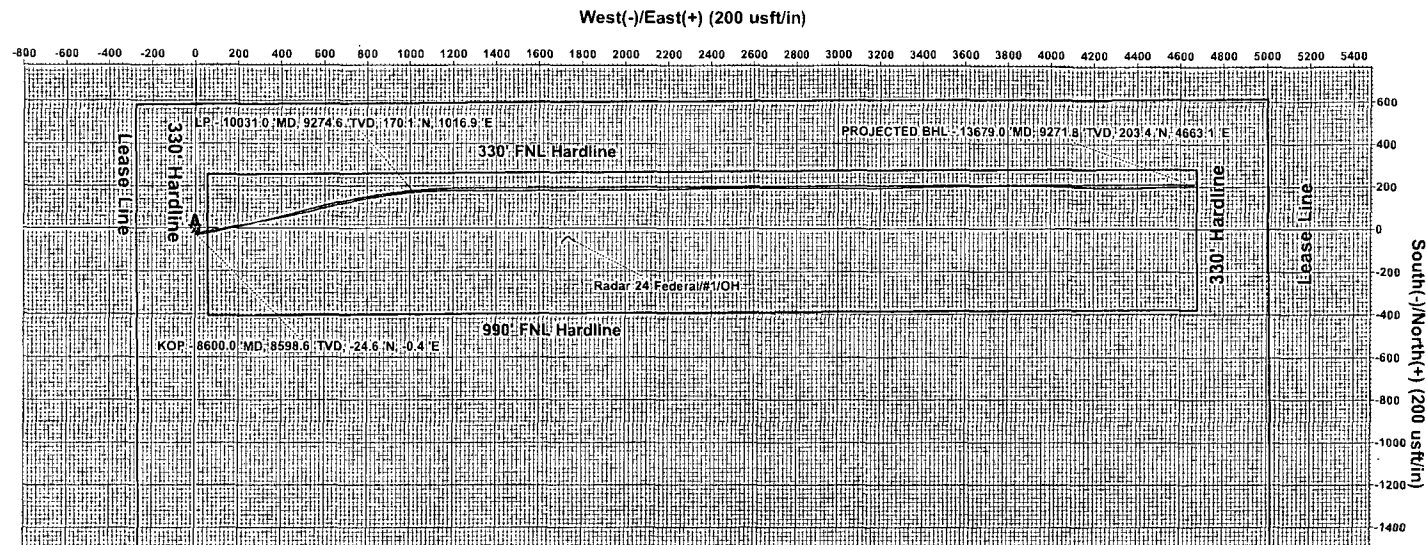
PATHFINDER®

A Schlumberger Company



WELL DETAILS: #1H						
Ground Elevation: 3537.5						
RKB Elevation: KB = 26 @ 3563.5usft (H&P 300)						
Rig Name: H&P 300						
+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
0.0	0.0	601165.150	696100.350	32.651643	-103.830493	

EOW



SECTION DETAILS										
Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	Dleg	TFace	VSection	Target
1	8684.6	2.32	203.38	8683.1	-27.8	-1.8	0.00	0.00	-3.1	
2	9587.9	88.90	75.32	9270.0	96.9	546.3	10.00	-128.07	550.1	
3	10303.4	88.90	89.63	9283.8	190.3	1253.7	2.00	96.15	1261.1	
4	11865.5	88.90	89.63	9310.0	199.0	2615.6	0.00	0.00	2621.9	Mid-Pt (MIM 24 #1H)
5	11779.7	91.18	89.63	9309.9	199.7	2729.7	2.00	-0.16	2736.0	
6	13716.1	91.18	89.63	9270.0	212.3	4665.6	0.00	0.00	4670.4	PBHL (MIM 24 #1H)

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)						
Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL (MIM 24 #1H)	9270.0	212.3	4665.6	601377.450	700765.960	Point
Mid-Pt (MIM 24 #1H)	9310.0	199.0	2615.5	601364.132	698715.874	Point

Plan: Post Gyro Plan #4 (#1H/OH)	
Created By: Sam Bille	Date: 14:22, February 05 2013
Checked: _____	Date: _____

Devon Energy Corp.
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