



Planned Wellpath Report

Plan #1
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REFERENCE WELLPATH IDENTIFICATION			
Operator	Devon Energy Production Co.	Slot	#1_SHL
Area	Eddy County, NM	Well	Fairchild #1
Field	Section 11 T18S R26E	Wellbore	Horizontal Plan Proposal
Facility	Fairchild		

REPORT SETUP INFORMATION			
Projection System	NAD83 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect™ 1.2
North Reference	Grid	User	Gomeoscr
Scale	0.999912	Report Generated	08/14/06 at 14:05:27
Wellbore last revised	08/14/06	Database/Source file	WellArchitectDB/Horiz

WELLPATH LOCATION						
	Local coordinates		Grid coordinates		Geographic coordinates	
	North [feet]	East [feet]	Easting [US feet]	Northing [US feet]	Latitude [°]	Longitude [°]
Slot Location	0.00	0.00	491499.38	573923.57	32 34 39.599N	104 29 42.469W
Facility Reference Pt			491499.38	573923.57	32 34 39.599N	104 29 42.469W
Field Reference Pt			491599.38	573923.57	32 34 39.600N	104 29 41.300W

WELLPATH DATUM			
Calculation method	Minimum curvature	Rig on #1_SHL (RT) to Facility Vertical Datum	0.00 feet
Horizontal Reference Pt	Slot	Rig on #1_SHL (RT) to Mean Sea Level	0.00 feet
Vertical Reference Pt	Rig on #1_SHL (RT)	Facility Vertical Datum to Mud Line (Facility)	0.00 feet
MD Reference Pt	Rig on #1_SHL (RT)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	178.79°

30-C15-35112





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WELLPATH DATA (82 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Design Comments
0.00	0.000	180.410	0.00	0.00	0.00	0.00	0.00	Tie On
100.00†	0.000	0.000	100.00	0.00	0.00	0.00	0.00	
200.00†	0.000	0.000	200.00	0.00	0.00	0.00	0.00	
300.00†	0.000	0.000	300.00	0.00	0.00	0.00	0.00	
400.00†	0.000	0.000	400.00	0.00	0.00	0.00	0.00	
500.00†	0.000	0.000	500.00	0.00	0.00	0.00	0.00	
600.00†	0.000	0.000	600.00	0.00	0.00	0.00	0.00	
700.00†	0.000	0.000	700.00	0.00	0.00	0.00	0.00	
800.00†	0.000	0.000	800.00	0.00	0.00	0.00	0.00	
900.00†	0.000	0.000	900.00	0.00	0.00	0.00	0.00	
1000.00†	0.000	0.000	1000.00	0.00	0.00	0.00	0.00	
1100.00†	0.000	0.000	1100.00	0.00	0.00	0.00	0.00	
1200.00†	0.000	0.000	1200.00	0.00	0.00	0.00	0.00	
1300.00†	0.000	0.000	1300.00	0.00	0.00	0.00	0.00	
1400.00†	0.000	0.000	1400.00	0.00	0.00	0.00	0.00	
1500.00†	0.000	0.000	1500.00	0.00	0.00	0.00	0.00	
1600.00†	0.000	0.000	1600.00	0.00	0.00	0.00	0.00	
1700.00†	0.000	0.000	1700.00	0.00	0.00	0.00	0.00	
1800.00†	0.000	0.000	1800.00	0.00	0.00	0.00	0.00	
1900.00†	0.000	0.000	1900.00	0.00	0.00	0.00	0.00	
2000.00†	0.000	0.000	2000.00	0.00	0.00	0.00	0.00	
2100.00†	0.000	0.000	2100.00	0.00	0.00	0.00	0.00	
2200.00†	0.000	0.000	2200.00	0.00	0.00	0.00	0.00	
2300.00†	0.000	0.000	2300.00	0.00	0.00	0.00	0.00	
2400.00†	0.000	0.000	2400.00	0.00	0.00	0.00	0.00	
2500.00†	0.000	0.000	2500.00	0.00	0.00	0.00	0.00	
2600.00†	0.000	0.000	2600.00	0.00	0.00	0.00	0.00	
2700.00†	0.000	0.000	2700.00	0.00	0.00	0.00	0.00	
2800.00†	0.000	0.000	2800.00	0.00	0.00	0.00	0.00	
2900.00†	0.000	0.000	2900.00	0.00	0.00	0.00	0.00	
3000.00†	0.000	0.000	3000.00	0.00	0.00	0.00	0.00	
3020.00	0.000	180.410	3020.00	0.00	0.00	0.00	0.00	KOP
3100.00†	9.549	180.410	3099.63	6.65	-6.65	-0.05	11.94	
3200.00†	21.486	180.410	3195.81	33.34	-33.36	-0.24	11.94	
3300.00†	33.423	180.410	3284.39	79.35	-79.37	-0.57	11.94	
3400.00†	45.359	180.410	3361.53	142.67	-142.72	-1.02	11.94	
3500.00†	57.296	180.410	3423.91	220.57	-220.65	-1.58	11.94	
3600.00†	69.232	180.410	3468.81	309.68	-309.79	-2.22	11.94	
3700.00†	81.169	180.410	3494.31	406.15	-406.30	-2.91	11.94	
3773.98	90.000	180.410	3500.00	479.81	-479.99	-3.43	11.94	EOC



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Field	Section 11 T18S R26E	Wellbore	Horizontal Plan Proposal
Facility	Fairchild		

WELLPATH DATA (82 stations) † = interpolated/extrapolated station

MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Design Comments
3800.00†	90.000	179.629	3500.00	505.82	-506.01	-3.44	3.00	
3835.05	90.000	178.578	3500.00	540.87	-541.05	-2.90	3.00	EOB
3900.00†	90.000	178.578	3500.00	605.82	-605.98	-1.28	0.00	
4000.00†	90.000	178.578	3500.00	705.82	-705.95	1.20	0.00	
4100.00†	90.000	178.578	3500.00	805.82	-805.92	3.68	0.00	
4200.00†	90.000	178.578	3500.00	905.82	-905.89	6.16	0.00	
4300.00†	90.000	178.578	3500.00	1005.82	-1005.86	8.64	0.00	
4400.00†	90.000	178.578	3500.00	1105.81	-1105.83	11.12	0.00	
4500.00†	90.000	178.578	3500.00	1205.81	-1205.80	13.61	0.00	
4600.00†	90.000	178.578	3500.00	1305.81	-1305.76	16.09	0.00	
4700.00†	90.000	178.578	3500.00	1405.81	-1405.73	18.57	0.00	
4800.00†	90.000	178.578	3500.00	1505.81	-1505.70	21.05	0.00	
4900.00†	90.000	178.578	3500.00	1605.81	-1605.67	23.53	0.00	
5000.00†	90.000	178.578	3500.00	1705.81	-1705.64	26.01	0.00	
5100.00†	90.000	178.578	3500.00	1805.81	-1805.61	28.49	0.00	
5200.00†	90.000	178.578	3500.00	1905.81	-1905.58	30.98	0.00	
5300.00†	90.000	178.578	3500.00	2005.81	-2005.55	33.46	0.00	
5400.00†	90.000	178.578	3500.00	2105.81	-2105.52	35.94	0.00	
5500.00†	90.000	178.578	3500.00	2205.81	-2205.49	38.42	0.00	
5600.00†	90.000	178.578	3500.00	2305.81	-2305.46	40.90	0.00	
5700.00†	90.000	178.578	3500.00	2405.81	-2405.43	43.38	0.00	
5800.00†	90.000	178.578	3500.00	2505.81	-2505.40	45.86	0.00	
5900.00†	90.000	178.578	3500.00	2605.80	-2605.36	48.35	0.00	
6000.00†	90.000	178.578	3500.00	2705.80	-2705.33	50.83	0.00	
6100.00†	90.000	178.578	3500.00	2805.80	-2805.30	53.31	0.00	
6200.00†	90.000	178.578	3500.00	2905.80	-2905.27	55.79	0.00	
6300.00†	90.000	178.578	3500.00	3005.80	-3005.24	58.27	0.00	
6400.00†	90.000	178.578	3500.00	3105.80	-3105.21	60.75	0.00	
6500.00†	90.000	178.578	3500.00	3205.80	-3205.18	63.23	0.00	
6600.00†	90.000	178.578	3500.00	3305.80	-3305.15	65.72	0.00	
6700.00†	90.000	178.578	3500.00	3405.80	-3405.12	68.20	0.00	
6800.00†	90.000	178.578	3500.00	3505.80	-3505.09	70.68	0.00	
6900.00†	90.000	178.578	3500.00	3605.80	-3605.06	73.16	0.00	
7000.00†	90.000	178.578	3500.00	3705.80	-3705.03	75.64	0.00	
7100.00†	90.000	178.578	3500.00	3805.80	-3805.00	78.12	0.00	
7200.00†	90.000	178.578	3500.00	3905.80	-3904.96	80.61	0.00	
7300.00†	90.000	178.578	3500.00	4005.79	-4004.93	83.09	0.00	
7400.00†	90.000	178.578	3500.00	4105.79	-4104.90	85.57	0.00	
7500.00†	90.000	178.578	3500.00	4205.79	-4204.87	88.05	0.00	
7600.00†	90.000	178.578	3500.00	4305.79	-4304.84	90.53	0.00	



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Field	Section 11 T18S R26E	Wellbore	Horizontal Plan Proposal
Facility	Fairchild		

WELLPATH DATA (82 stations) † = interpolated/extrapolated station								
MD [feet]	Inclination [°]	Azimuth [°]	TVD [feet]	Vert Sect [feet]	North [feet]	East [feet]	DLS [°/100ft]	Design Comments
7700.00†	90.000	178.578	3500.00	4405.79	-4404.81	93.01	0.00	
7711.74	90.000	178.578	3500.00†	4417.53	-4416.55	93.30	0.00	#1 PBHL

TARGETS									
Name	MD [feet]	TVD [feet]	North [feet]	East [feet]	Grid East [us survey feet]	Grid North [us survey feet]	Latitude [°]	Longitude [°]	Shape
1) #1 PBHL	7711.74	3500.00	-4416.55	93.30	491592.68	569507.42	32 33 55.900N	104 29 41.300W	point
Entry Point (#1)		3500.00	-474.85	-3.40	491495.98	573448.76	32 34 34.900N	104 29 42.500W	point

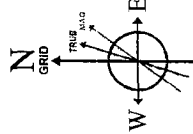


Devon Energy Production Co.
Location: Eddy County, NM
Fleet: Section 11 T18S R26E
Facility: Fairchild
Slot: #1_SHL
Well: Fairchild #1
Wellbore: Horizontal Plan Proposal

LINES/HARDLINES ARE ESTIMATE ONLY AND ARE SUBJECT TO CUSTOMER APPROVAL

Well Profile Data							
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local N (ft)	Local E (ft)	DLS (°/100ft)
Tie On	0.00	0.000	180.410	0.00	0.00	0.00	0.00
KOP	3020.00	0.000	180.410	3020.00	0.00	0.00	0.00
EOC	3773.98	90.000	180.410	3500.00	-479.99	-3.43	11.94
EOB	3835.05	90.000	178.578	3500.00	-541.05	-2.90	3.00
#1 PBHL	7711.74	90.000	178.578	3500.00	-4416.55	93.30	0.00

Plan Reference Well Profile Plan #1	
True vertical depth reference Rig on #1_SHL (RT)	Grid System: NAD83 / 11M New Mexico State Plane, Eastern Zone (NAD83, US Feet)
Measured depth reference Rig on #1_SHL (RT)	North Reference Grid North
Rig on #1_SHL (RT) to Mean Sea Level: 0 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Fairchild): 0 feet	Depth scale in feet
Coordinates in feet reference to Slot	Created by: Gmccosson 8/14/2006



BGGM (1945.0 to 2008.0) Dip: 60.49° Field: 45274.8 nT
Magnetic North is 8.63 degrees East of True North (at 08/14/06)
Grid North is 0.09 degrees West of True North
To correct azimuth from True to Grid add 0.09 degrees
To correct azimuth from Magnetic to Grid add 8.72 degrees

