

Planned Wellpath Report

Prelim_1

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REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H PWB
Facility	Parkway 16 State Com No. 2H		

REPORT SETUP INFORMATION

Projection System	NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet	Software System	WellArchitect® 2.0
North Reference	Grid	User	Victor Hernandez
Scale	0.999916	Report Generated	7/15/2010 at 11:38:32 AM
Convergence at slot	0.13° East	Database/Source file	WA_Midland/No. 2H_PWB.xml

WELLPATH LOCATION

	Local coordinates		Grid coordinates		Geographic coordinates	
	North[ft]	East[ft]	Easting[USft]	Northing[USft]	Latitude	Longitude
Slot Location	0.00	0.00	575901.26	601331.48	32°39'10.510"N	104°05'12.204"W
Facility Reference Pt			575901.26	601331.48	32°39'10.510"N	104°05'12.204"W
Field Reference Pt			561901.26	601331.48	32°39'10.802"N	104°07'55.957"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig on No. 2H SHL (KB) to GL	18.00ft
Horizontal Reference Pt	Slot	Rig on No. 2H SHL (KB) to Mean Sea Level	3348.00ft
Vertical Reference Pt	Rig on No. 2H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig on No. 2H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	359.81°

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WELLPATH DATA (58 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
0.00	0.000	359.811	0.00	0.00	0.00	0.00	575901.26	601331.48	32°39'10.510"N	104°05'12.204"W	0.00	Tie On
7235.00	0.000	359.811	7235.00	0.00	0.00	0.00	575901.26	601331.48	32°39'10.510"N	104°05'12.204"W	0.00	EST. KOP
7335.00†	9.999	359.811	7334.49	8.70	8.70	-0.03	575901.23	601340.18	32°39'10.597"N	104°05'12.204"W	10.00	
7435.00†	19.998	359.811	7430.96	34.55	34.55	-0.11	575901.15	601366.03	32°39'10.852"N	104°05'12.204"W	10.00	
7535.00†	29.997	359.811	7521.48	76.75	76.75	-0.25	575901.01	601408.23	32°39'11.270"N	104°05'12.204"W	10.00	
7635.00†	39.996	359.811	7603.30	134.03	134.03	-0.44	575900.82	601465.50	32°39'11.837"N	104°05'12.205"W	10.00	
7735.00†	49.995	359.811	7673.92	204.65	204.65	-0.67	575900.59	601536.11	32°39'12.535"N	104°05'12.206"W	10.00	
7835.00†	59.994	359.811	7731.22	286.46	286.45	-0.94	575900.32	601617.91	32°39'13.345"N	104°05'12.207"W	10.00	
7935.00†	69.993	359.811	7773.43	376.97	376.96	-1.24	575900.02	601708.41	32°39'14.240"N	104°05'12.208"W	10.00	
8035.00†	79.992	359.811	7799.30	473.43	473.43	-1.56	575899.70	601804.87	32°39'15.195"N	104°05'12.209"W	10.00	
8131.33	89.624	359.811	7808.00	569.26	569.26	-1.88	575899.38	601900.69	32°39'16.143"N	104°05'12.210"W	10.00	END OF CURVE
8135.00†	89.624	359.811	7808.03	572.93	572.92	-1.89	575899.37	601904.35	32°39'16.179"N	104°05'12.210"W	0.00	
8235.00†	89.624	359.811	7808.68	672.92	672.92	-2.22	575899.04	602004.34	32°39'17.169"N	104°05'12.211"W	0.00	
8335.00†	89.624	359.811	7809.34	772.92	772.92	-2.55	575898.71	602104.33	32°39'18.158"N	104°05'12.212"W	0.00	
8435.00†	89.624	359.811	7809.99	872.92	872.91	-2.88	575898.38	602204.32	32°39'19.148"N	104°05'12.213"W	0.00	
8535.00†	89.624	359.811	7810.65	972.92	972.91	-3.21	575898.05	602304.31	32°39'20.137"N	104°05'12.215"W	0.00	
8635.00†	89.624	359.811	7811.30	1072.91	1072.91	-3.54	575897.72	602404.30	32°39'21.127"N	104°05'12.216"W	0.00	
8735.00†	89.624	359.811	7811.96	1172.91	1172.91	-3.87	575897.39	602504.28	32°39'22.116"N	104°05'12.217"W	0.00	
8835.00†	89.624	359.811	7812.61	1272.91	1272.90	-4.20	575897.06	602604.27	32°39'23.106"N	104°05'12.218"W	0.00	
8935.00†	89.624	359.811	7813.27	1372.91	1372.90	-4.53	575896.74	602704.26	32°39'24.095"N	104°05'12.219"W	0.00	
9035.00†	89.624	359.811	7813.93	1472.91	1472.90	-4.85	575896.41	602804.25	32°39'25.084"N	104°05'12.220"W	0.00	
9135.00†	89.624	359.811	7814.58	1572.90	1572.90	-5.18	575896.08	602904.24	32°39'26.074"N	104°05'12.221"W	0.00	
9235.00†	89.624	359.811	7815.24	1672.90	1672.89	-5.51	575895.75	603004.23	32°39'27.063"N	104°05'12.223"W	0.00	
9335.00†	89.624	359.811	7815.89	1772.90	1772.89	-5.84	575895.42	603104.22	32°39'28.053"N	104°05'12.224"W	0.00	
9435.00†	89.624	359.811	7816.55	1872.90	1872.89	-6.17	575895.09	603204.21	32°39'29.042"N	104°05'12.225"W	0.00	
9535.00†	89.624	359.811	7817.20	1972.89	1972.88	-6.50	575894.76	603304.19	32°39'30.032"N	104°05'12.226"W	0.00	
9635.00†	89.624	359.811	7817.86	2072.89	2072.88	-6.83	575894.43	603404.18	32°39'31.021"N	104°05'12.227"W	0.00	
9735.00†	89.624	359.811	7818.51	2172.89	2172.88	-7.16	575894.10	603504.17	32°39'32.011"N	104°05'12.228"W	0.00	
9835.00†	89.624	359.811	7819.17	2272.89	2272.88	-7.49	575893.77	603604.16	32°39'33.000"N	104°05'12.229"W	0.00	
9935.00†	89.624	359.811	7819.82	2372.89	2372.87	-7.82	575893.44	603704.15	32°39'33.990"N	104°05'12.231"W	0.00	

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Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H PWB
Facility	Parkway 16 State Com No. 2H		

WELLPATH DATA (58 stations) † = interpolated/extrapolated station

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	DLS [°/100ft]	Comments
10035.00†	89.624	359.811	7820.48	2472.88	2472.87	-8.15	575893.11	603804.14	32°39'34.979"N	104°05'12.232"W	0.00	
10135.00†	89.624	359.811	7821.13	2572.88	2572.87	-8.48	575892.78	603904.13	32°39'35.968"N	104°05'12.233"W	0.00	
10235.00†	89.624	359.811	7821.79	2672.88	2672.87	-8.81	575892.45	604004.11	32°39'36.958"N	104°05'12.234"W	0.00	
10335.00†	89.624	359.811	7822.45	2772.88	2772.86	-9.14	575892.12	604104.10	32°39'37.947"N	104°05'12.235"W	0.00	
10435.00†	89.624	359.811	7823.10	2872.88	2872.86	-9.47	575891.79	604204.09	32°39'38.937"N	104°05'12.236"W	0.00	
10535.00†	89.624	359.811	7823.76	2972.87	2972.86	-9.80	575891.46	604304.08	32°39'39.926"N	104°05'12.237"W	0.00	
10635.00†	89.624	359.811	7824.41	3072.87	3072.85	-10.13	575891.13	604404.07	32°39'40.916"N	104°05'12.239"W	0.00	
10735.00†	89.624	359.811	7825.07	3172.87	3172.85	-10.46	575890.80	604504.06	32°39'41.905"N	104°05'12.240"W	0.00	
10835.00†	89.624	359.811	7825.72	3272.87	3272.85	-10.79	575890.47	604604.05	32°39'42.895"N	104°05'12.241"W	0.00	
10935.00†	89.624	359.811	7826.38	3372.86	3372.85	-11.12	575890.14	604704.04	32°39'43.884"N	104°05'12.242"W	0.00	
11035.00†	89.624	359.811	7827.03	3472.86	3472.84	-11.45	575889.81	604804.02	32°39'44.874"N	104°05'12.243"W	0.00	
11135.00†	89.624	359.811	7827.69	3572.86	3572.84	-11.78	575889.48	604904.01	32°39'45.863"N	104°05'12.244"W	0.00	
11235.00†	89.624	359.811	7828.34	3672.86	3672.84	-12.11	575889.16	605004.00	32°39'46.853"N	104°05'12.245"W	0.00	
11335.00†	89.624	359.811	7829.00	3772.86	3772.84	-12.44	575888.83	605103.99	32°39'47.842"N	104°05'12.246"W	0.00	
11435.00†	89.624	359.811	7829.66	3872.85	3872.83	-12.76	575888.50	605203.98	32°39'48.831"N	104°05'12.248"W	0.00	
11535.00†	89.624	359.811	7830.31	3972.85	3972.83	-13.09	575888.17	605303.97	32°39'49.821"N	104°05'12.249"W	0.00	
11635.00†	89.624	359.811	7830.97	4072.85	4072.83	-13.42	575887.84	605403.96	32°39'50.810"N	104°05'12.250"W	0.00	
11735.00†	89.624	359.811	7831.62	4172.85	4172.83	-13.75	575887.51	605503.94	32°39'51.800"N	104°05'12.251"W	0.00	
11835.00†	89.624	359.811	7832.28	4272.85	4272.82	-14.08	575887.18	605603.93	32°39'52.789"N	104°05'12.252"W	0.00	
11935.00†	89.624	359.811	7832.93	4372.84	4372.82	-14.41	575886.85	605703.92	32°39'53.779"N	104°05'12.253"W	0.00	
12035.00†	89.624	359.811	7833.59	4472.84	4472.82	-14.74	575886.52	605803.91	32°39'54.768"N	104°05'12.254"W	0.00	
12135.00†	89.624	359.811	7834.24	4572.84	4572.81	-15.07	575886.19	605903.90	32°39'55.758"N	104°05'12.256"W	0.00	
12235.00†	89.624	359.811	7834.90	4672.84	4672.81	-15.40	575885.86	606003.89	32°39'56.747"N	104°05'12.257"W	0.00	
12335.00†	89.624	359.811	7835.55	4772.83	4772.81	-15.73	575885.53	606103.88	32°39'57.737"N	104°05'12.258"W	0.00	
12435.00†	89.624	359.811	7836.21	4872.83	4872.81	-16.06	575885.20	606203.87	32°39'58.726"N	104°05'12.259"W	0.00	
12535.00†	89.624	359.811	7836.86	4972.83	4972.80	-16.39	575884.87	606303.85	32°39'59.715"N	104°05'12.260"W	0.00	
12635.00†	89.624	359.811	7837.52	5072.83	5072.80	-16.72	575884.54	606403.84	32°40'00.705"N	104°05'12.261"W	0.00	
12708.27	89.624	359.811	7838.00†	5146.09	5146.06	-16.96	575884.30	606477.10	32°40'01.430"N	104°05'12.262"W	0.00	No. 2H PBHL

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REFERENCE WELLPATH IDENTIFICATION			
Operator	Mewbourne Oil Company	Slot	No. 2H SHL
Area	Eddy County, NM	Well	No. 2H
Field	(Parkway 16) Sec 21, T19S, R29E	Wellbore	No. 2H PWB
Facility	Parkway 16 State Com No. 2H		

TARGETS									
Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
1) No. 2H PBHL	12708.27	7838.00	5146.06	-16.96	575884.30	606477.10	32°40'01.430"N	104°05'12.262"W	point

SURVEY PROGRAM Ref Wellbore: No. 2H PWB Ref Wellpath: Prelim_1				
Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
18.00	12708.27	NaviTrak (Standard)		No. 2H PWB