

30-019-38083



Mewbourne Oil Company



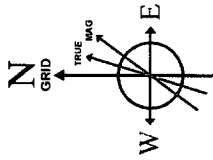
Mewbourne Oil Company

Location: Eddy County, NM
Field: (Wyatt) Sec 24, T19S, R25E
Facility: Wyatt Draw 24 / 25 LE No. 1H

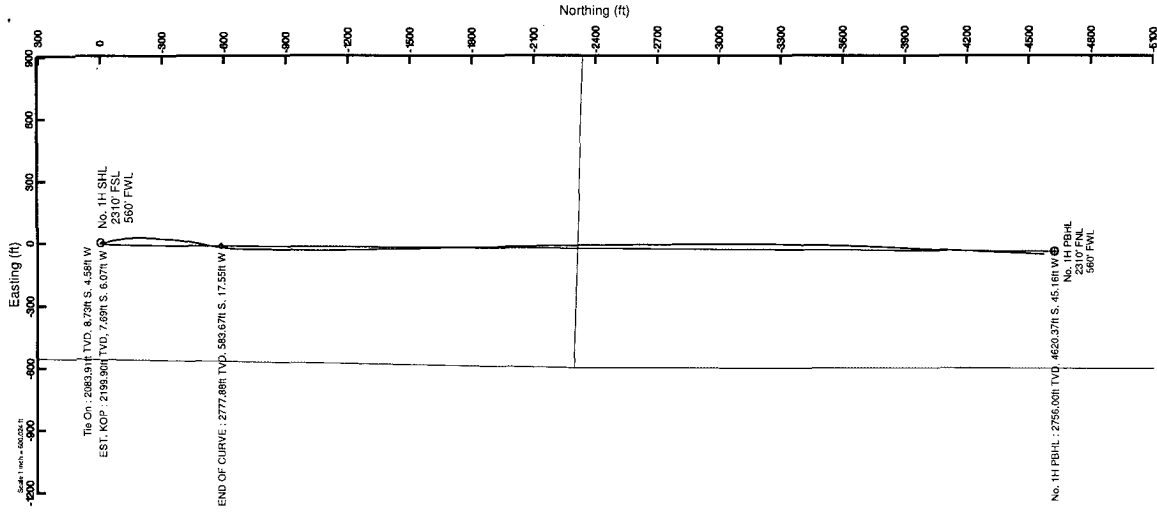
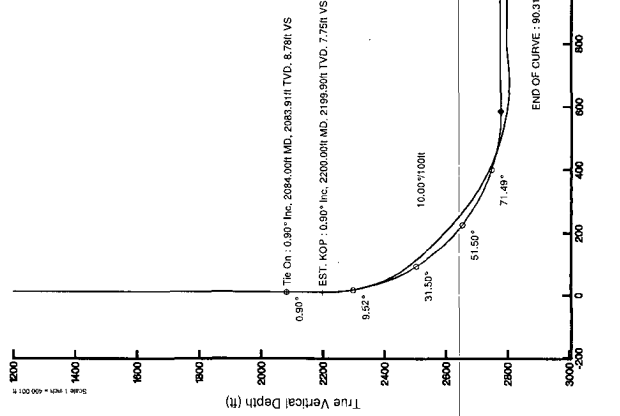
Slot: No. 1H SHL
Well: No. 1H
Wellbore: No. 1H PWB

Well Profile Data						
Design Comment	MD (ft)	Inc (°)	Az (°)	TVD (ft)	Local E (ft)	DLS (*100ft)
Tie On	2084.00	0.900	304.770	2083.91	-8.73	0.19
EST. KOP	2200.00	0.900	304.770	2199.90	-7.69	0.00
END OF CURVE	3108.19	90.311	180.392	2777.88	-17.55	10.00
No. 1H PBHL	7145.05	90.311	180.392	2756.00	-45.16	0.00
VS (ft)						8.78
						7.75
						583.81
						4620.59

Plot reference wellpath is Plan #1	
True vertical depths are referenced to Rig 101 on No. 1H SHL (KB)	Grid System: NAD27 / TM New Mexico State Planes, Eastern Zone (3001), US feet
Measured depths are referenced to Rig 101 on No. 1H SHL (KB)	North Reference: Grid north
Rig 101 on No. 1H SHL (KB) to Mean Sea Level: 3429 feet	Scale: True distance
Mean Sea Level to Mud line (Facility: Wyatt Draw 24 / 25 LE No. 1H): -3413 feet	Depths are in feet
Coordinates are in feet referenced to Slot	Created by: Victor Hernandez on 10/7/2010



BGGM (1945.0 to 2011.0) Dip: 60.46° Field: 48925.3 nT
Magnetic North is 8.18 degrees East of True North (at 7/1/2010)
To correct azimuth from True to Grid add 0.06 degrees
To correct azimuth from Magnetic to Grid add 8.24 degrees
For example: if the Magnetic North Azimuth = 90 degs, then the Grid North Azimuth = 90 + 8.24 = 98.24



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Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 24, T19S, R25E	Wellbore	No. 1H AWB
Facility	Wyatt Draw 24 / 25 LE No. 1H		

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	Gomeoscr
Scale	0.99991	Report Generated	10/4/2010 at 8:45:49 AM
Convergence at slot	0.06° West	Database/Source file	WA Midland/No._1H_AWB.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	465816.16	598480.55	32°38'42.994"N	104°26'39.806"W
Facility Reference Pt			465816.16	598480.55	32°38'42.994"N	104°26'39.806"W
Field Reference Pt			465816.16	598480.55	32°38'42.994"N	104°26'39.806"W

WELLPATH DATUM

Calculation method	Minimum curvature	Rig 101 on No. 1H SHL (KB) to GL	16.00ft
Horizontal Reference Pt	Slot	Rig 101 on No. 1H SHL (KB) to Mean Sea Level	3429.00ft
Vertical Reference Pt	Rig 101 on No. 1H SHL (KB)	GL to Mud Line (Facility)	0.00ft
MD Reference Pt	Rig 101 on No. 1H SHL (KB)	Section Origin	N 0.00, E 0.00 ft
Field Vertical Reference	Mean Sea Level	Section Azimuth	180.56°

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Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

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Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 24, T19S, R25E	Wellbore	No. 1H AWB
Facility	Wyatt Draw 24 / 25 LE No. 1H		

WELLPATH DATA (164 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
0.00	0.000	120.460	0.00	0.00	0.00	0.00	0.00
100.00	0.320	120.460	100.00	0.14	-0.14	0.24	0.32
200.00	0.480	154.470	200.00	0.65	-0.66	0.66	0.28
300.00	0.430	189.350	299.99	1.40	-1.41	0.78	0.28
400.00	0.400	183.950	399.99	2.12	-2.13	0.70	0.05
500.00	0.610	196.390	499.99	2.98	-2.99	0.52	0.24
600.00	0.980	173.750	599.98	4.34	-4.35	0.47	0.48
700.00	0.790	177.450	699.97	5.88	-5.89	0.59	0.20
800.00	0.640	187.180	799.96	7.12	-7.13	0.55	0.19
900.00	0.520	197.430	899.95	8.11	-8.12	0.34	0.16
1000.00	0.510	198.820	999.95	8.97	-8.97	0.06	0.02
1100.00	0.230	192.950	1099.95	9.59	-9.59	-0.12	0.28
1200.00	0.220	173.160	1199.95	9.97	-9.97	-0.15	0.08
1300.00	0.110	129.140	1299.95	10.22	-10.22	-0.05	0.16
1400.00	0.120	177.980	1399.95	10.39	-10.39	0.03	0.10
1500.00	0.060	115.370	1499.95	10.52	-10.52	0.08	0.11
1600.00	0.050	359.290	1599.95	10.49	-10.50	0.13	0.09
1700.00	0.390	281.440	1699.94	10.39	-10.38	-0.21	0.38
1800.00	0.550	288.410	1799.94	10.17	-10.17	-1.00	0.17
1900.00	0.730	283.240	1899.94	9.89	-9.87	-2.07	0.19
2000.00	0.920	294.590	1999.92	9.42	-9.39	-3.42	0.25
2084.00	0.900	304.770	2083.91	8.78	-8.73	-4.58	0.19
2165.00	0.900	297.700	2164.90	8.13	-8.07	-5.66	0.14
2197.00	0.700	274.400	2196.90	8.00	-7.94	-6.08	1.18
2228.00	2.300	172.100	2227.89	8.60	-8.54	-6.18	8.20
2260.00	5.500	158.700	2259.81	10.66	-10.61	-5.54	10.33
2291.00	9.100	156.600	2290.56	14.28	-14.24	-4.02	11.64
2323.00	13.200	161.200	2321.95	20.04	-20.03	-1.84	13.10
2355.00	17.300	163.800	2352.82	28.05	-28.06	0.67	12.99
2387.00	21.700	163.900	2382.97	38.28	-38.32	3.63	13.75
2417.00	26.000	166.200	2410.40	49.97	-50.04	6.74	14.66
2449.00	30.500	170.000	2438.59	64.75	-64.85	9.83	15.14
2480.00	35.300	171.700	2464.61	81.35	-81.47	12.49	15.77
2513.00	38.700	172.100	2490.96	100.98	-101.13	15.28	10.33
2545.00	41.000	173.400	2515.53	121.29	-121.47	17.87	7.64
2576.00	42.700	175.900	2538.62	141.86	-142.06	19.79	7.68
2607.00	44.600	177.700	2561.05	163.21	-163.42	20.97	7.32
2639.00	45.500	179.600	2583.66	185.84	-186.06	21.51	5.06
2671.00	46.100	182.700	2605.97	208.78	-208.99	21.04	7.19
2702.00	47.800	184.100	2627.13	231.40	-231.60	19.69	6.40
2734.00	50.000	184.100	2648.17	255.47	-255.66	17.97	6.87
2763.00	52.100	183.900	2666.40	277.98	-278.15	16.40	7.26
2795.00	54.800	183.200	2685.45	303.65	-303.81	14.81	8.62
2827.00	57.600	182.900	2703.25	330.21	-330.36	13.40	8.78
2858.00	60.400	184.000	2719.22	356.75	-356.88	11.79	9.53

✕ No Operator
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Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 24, T19S, R25E	Wellbore	No. 1H AWB
Facility	Wyatt Draw 24 / 25 LE No. 1H		

WELLPATH DATA (164 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
2890.00	62.800	186.600	2734.44	384.79	-384.90	9.19	10.36
2921.00	66.200	189.400	2747.78	412.53	-412.60	5.28	13.66
2953.00	70.200	190.800	2759.66	441.82	-441.84	0.07	13.14
2985.00	72.200	191.100	2769.98	471.62	-471.58	-5.68	6.31
3016.00	74.200	190.600	2778.94	500.81	-500.73	-11.27	6.63
3048.00	77.000	190.100	2786.89	531.35	-531.22	-16.84	8.88
3061.00	78.500	189.300	2789.65	543.90	-543.74	-18.98	13.01
3122.00	81.600	187.400	2800.19	603.42	-603.17	-27.70	5.94
3153.00	84.300	184.600	2804.00	634.04	-633.77	-30.91	12.50
3185.00	88.300	182.800	2806.06	665.91	-665.62	-32.97	13.70
3216.00	92.600	180.900	2805.82	696.90	-696.60	-33.97	15.16
3247.00	95.700	179.900	2803.58	727.81	-727.51	-34.19	10.50
3279.00	95.700	180.200	2800.40	759.65	-759.35	-34.21	0.93
3311.00	93.100	181.500	2797.94	791.55	-791.25	-34.69	9.08
3342.00	89.000	182.100	2797.37	822.53	-822.23	-35.66	13.37
3374.00	88.600	182.300	2798.04	854.51	-854.19	-36.89	1.40
3405.00	90.120	181.400	2798.39	885.50	-885.18	-37.89	5.70
3437.00	90.300	181.200	2798.27	917.50	-917.17	-38.62	0.84
3469.00	90.200	180.900	2798.13	949.50	-949.16	-39.20	0.99
3500.00	90.200	181.300	2798.03	980.50	-980.16	-39.80	1.29
3531.00	90.400	180.600	2797.86	1011.50	-1011.15	-40.31	2.35
3563.00	91.000	180.000	2797.47	1043.49	-1043.15	-40.48	2.65
3594.00	91.500	179.300	2796.80	1074.48	-1074.14	-40.29	2.77
3626.00	91.300	179.500	2796.01	1106.47	-1106.13	-39.95	0.88
3658.00	91.300	179.200	2795.29	1138.45	-1138.12	-39.59	0.94
3689.00	91.100	179.100	2794.64	1169.43	-1169.11	-39.13	0.72
3720.00	90.900	179.200	2794.10	1200.42	-1200.10	-38.67	0.72
3752.00	90.700	178.800	2793.65	1232.40	-1232.09	-38.11	1.40
3783.00	90.500	178.900	2793.33	1263.39	-1263.08	-37.49	0.72
3815.00	91.600	178.800	2792.74	1295.37	-1295.07	-36.85	3.45
3846.00	91.700	178.400	2791.85	1326.34	-1326.05	-36.09	1.33
3878.00	91.500	178.800	2790.95	1358.31	-1358.03	-35.31	1.40
3910.00	91.400	178.900	2790.14	1390.28	-1390.01	-34.67	0.44
3941.00	91.400	178.600	2789.39	1421.26	-1420.99	-33.99	0.97
3973.00	91.200	178.700	2788.66	1453.23	-1452.98	-33.24	0.70
4004.00	91.000	178.700	2788.07	1484.21	-1483.96	-32.54	0.65
4036.00	90.900	178.500	2787.53	1516.19	-1515.95	-31.75	0.70
4068.00	90.500	178.700	2787.14	1548.16	-1547.94	-30.97	1.40
4099.00	90.200	178.100	2786.95	1579.14	-1578.92	-30.11	2.16
4131.00	91.100	178.400	2786.59	1611.11	-1610.91	-29.13	2.96
4162.00	91.000	178.400	2786.02	1642.09	-1641.89	-28.26	0.32
4193.00	91.000	178.400	2785.48	1673.06	-1672.87	-27.40	0.00
4225.00	90.800	178.700	2784.98	1705.04	-1704.86	-26.59	1.13
4256.00	90.900	178.800	2784.52	1736.02	-1735.85	-25.91	0.46
4288.00	91.600	179.300	2783.82	1768.00	-1767.83	-25.38	2.69

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Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 24, T19S, R25E	Wellbore	No. 1H AWB
Facility	Wyatt Draw 24 / 25 LE No. 1H		

WELLPATH DATA (164 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
4319.00	91.900	179.200	2782.88	1798.98	-1798.82	-24.98	1.02
4351.00	91.700	179.000	2781.87	1830.95	-1830.80	-24.47	0.88
4382.00	91.700	179.100	2780.95	1861.92	-1861.78	-23.96	0.32
4414.00	91.600	179.000	2780.03	1893.90	-1893.76	-23.43	0.44
4446.00	91.600	178.700	2779.14	1925.87	-1925.74	-22.79	0.94
4478.00	91.700	179.000	2778.21	1957.85	-1957.72	-22.15	0.99
4509.00	91.500	179.100	2777.35	1988.82	-1988.71	-21.63	0.72
4541.00	91.300	179.000	2776.57	2020.80	-2020.69	-21.10	0.70
4572.00	91.300	179.200	2775.86	2051.78	-2051.68	-20.62	0.64
4604.00	91.000	179.000	2775.22	2083.77	-2083.67	-20.11	1.13
4636.00	90.800	178.700	2774.72	2115.75	-2115.66	-19.47	1.13
4667.00	90.700	179.000	2774.31	2146.73	-2146.65	-18.85	1.02
4699.00	91.700	179.000	2773.64	2178.71	-2178.64	-18.29	3.12
4730.00	92.100	179.300	2772.61	2209.69	-2209.62	-17.83	1.61
4762.00	91.900	179.600	2771.50	2241.66	-2241.60	-17.52	1.13
4793.00	91.900	179.400	2770.47	2272.64	-2272.58	-17.25	0.64
4825.00	91.800	179.400	2769.44	2304.62	-2304.56	-16.92	0.31
4857.00	91.500	179.500	2768.52	2336.60	-2336.55	-16.61	0.99
4888.00	91.000	179.200	2767.84	2367.58	-2367.54	-16.26	1.88
4920.00	91.200	179.500	2767.23	2399.57	-2399.53	-15.90	1.13
4951.00	90.600	179.200	2766.74	2430.56	-2430.52	-15.54	2.16
4982.00	90.700	179.200	2766.39	2461.55	-2461.52	-15.11	0.32
5014.00	90.900	179.300	2765.94	2493.54	-2493.51	-14.69	0.70
5045.00	90.700	179.500	2765.51	2524.53	-2524.51	-14.37	0.91
5076.00	90.500	178.900	2765.18	2555.52	-2555.50	-13.94	2.04
5108.00	90.600	179.300	2764.88	2587.50	-2587.50	-13.43	1.29
5139.00	90.400	179.000	2764.60	2618.49	-2618.49	-12.97	1.16
5171.00	90.400	179.100	2764.38	2650.48	-2650.49	-12.44	0.31
5203.00	91.000	180.000	2763.99	2682.47	-2682.48	-12.19	3.38
5234.00	90.700	179.900	2763.53	2713.47	-2713.48	-12.16	1.02
5266.00	90.500	179.700	2763.20	2745.46	-2745.48	-12.05	0.88
5298.00	90.400	179.300	2762.94	2777.46	-2777.47	-11.77	1.29
5329.00	90.200	179.600	2762.78	2808.45	-2808.47	-11.48	1.16
5361.00	91.000	179.500	2762.45	2840.44	-2840.47	-11.22	2.52
5422.00	90.900	179.200	2761.44	2901.42	-2901.46	-10.53	0.52
5483.00	90.800	179.300	2760.53	2962.40	-2962.45	-9.73	0.23
5544.00	90.400	179.400	2759.89	3023.38	-3023.44	-9.04	0.68
5604.00	91.200	180.400	2759.05	3083.37	-3083.43	-8.94	2.13
5666.00	91.000	180.400	2757.86	3145.36	-3145.42	-9.37	0.32
5725.00	90.800	180.400	2756.94	3204.35	-3204.41	-9.78	0.34
5786.00	91.100	181.200	2755.93	3265.34	-3265.39	-10.63	1.40
5847.00	90.900	181.500	2754.86	3326.33	-3326.37	-12.07	0.59
5908.00	91.000	181.400	2753.85	3387.31	-3387.34	-13.61	0.23
5969.00	91.000	181.400	2752.78	3448.30	-3448.31	-15.10	0.00
6032.00	91.100	181.000	2751.63	3511.28	-3511.29	-16.42	0.65

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Facility	Wyatt Draw 24 / 25 LE No. 1H		

WELLPATH DATA (164 stations)

MD [ft]	Inclination [°]	Azimuth [°]	TVD [ft]	Vert Sect [ft]	North [ft]	East [ft]	DLS [°/100ft]
6095.00	90.800	181.800	2750.59	3574.26	-3574.26	-17.96	1.36
6158.00	90.100	181.500	2750.09	3637.25	-3637.23	-19.78	1.21
6221.00	90.800	181.700	2749.60	3700.24	-3700.20	-21.54	1.16
6284.00	91.700	182.600	2748.22	3763.20	-3763.14	-23.90	2.02
6316.00	91.500	182.700	2747.33	3795.16	-3795.10	-25.38	0.70
6347.00	91.100	182.700	2746.63	3826.13	-3826.05	-26.84	1.29
6379.00	91.000	181.900	2746.04	3858.11	-3858.02	-28.12	2.52
6411.00	92.100	182.900	2745.17	3890.08	-3889.98	-29.46	4.64
6442.00	92.300	183.000	2743.98	3921.04	-3920.92	-31.05	0.72
6474.00	92.400	182.800	2742.67	3952.98	-3952.85	-32.67	0.70
6505.00	92.500	182.800	2741.35	3983.93	-3983.79	-34.19	0.32
6537.00	92.600	182.700	2739.92	4015.87	-4015.72	-35.72	0.44
6568.00	92.100	182.900	2738.65	4046.82	-4046.65	-37.23	1.74
6600.00	92.400	182.700	2737.39	4078.78	-4078.59	-38.79	1.13
6632.00	92.400	182.800	2736.05	4110.72	-4110.53	-40.33	0.31
6663.00	90.900	182.700	2735.16	4141.69	-4141.48	-41.81	4.85
6695.00	90.500	182.200	2734.77	4173.67	-4173.44	-43.18	2.00
6727.00	91.200	181.800	2734.30	4205.65	-4205.42	-44.30	2.52
6758.00	91.400	182.200	2733.59	4236.64	-4236.39	-45.38	1.44
6790.00	91.500	182.100	2732.78	4268.61	-4268.36	-46.58	0.44
6822.00	91.300	182.200	2732.00	4300.59	-4300.33	-47.78	0.70
6853.00	90.200	182.500	2731.60	4331.57	-4331.30	-49.05	3.68
6885.00	90.300	182.600	2731.46	4363.55	-4363.27	-50.48	0.44
6916.00	90.300	182.500	2731.29	4394.53	-4394.24	-51.85	0.32
6948.00	90.300	182.400	2731.13	4426.52	-4426.21	-53.22	0.31
6979.00	90.000	182.700	2731.05	4457.50	-4457.18	-54.60	1.37
7011.00	90.000	182.400	2731.05	4489.48	-4489.15	-56.03	0.94
7043.00	89.800	182.800	2731.10	4521.46	-4521.11	-57.48	1.40
7093.00	89.800	182.400	2731.28	4571.43	-4571.06	-59.75	0.80

☒ No Operator
logo

Actual Wellpath Report

No. 1H AWP

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INTEQ

REFERENCE WELLPATH IDENTIFICATION

Operator	Mewbourne Oil Company	Slot	No. 1H SHL
Area	Eddy County, NM	Well	No. 1H
Field	(Wyatt) Sec 24, T19S, R25E	Wellbore	No. 1H AWB
Facility	Wyatt Draw 24 / 25 LE No. 1H		

TARGETS

Name	MD [ft]	TVD [ft]	North [ft]	East [ft]	Grid East [srv ft]	Grid North [srv ft]	Latitude	Longitude	Shape
No. 1H PBHL		2756.00	-4620.37	-45.16	465771.00	593860.60	32°37'57.276"N	104°26'40.277"W	point

WELLPATH COMPOSITION Ref Wellbore: No. 1H AWB Ref Wellpath: No. 1H AWP

Start MD [ft]	End MD [ft]	Positional Uncertainty Model	Log Name/Comment	Wellbore
0.00	2084.00	Generic gyro - continuous (Standard)	GYRO (100 - 2084)	No. 1H AWB
2084.00	7093.00	NaviTrak (Standard)	MWD	No. 1H AWB