

Pathfinder

BHL Report

Page 1
Job No: J-WT-0505-0067-WT-WT

Date: 6/7/2005

Time: 1:04 pm

Wellpath ID: Final Field Report

Date Created: 5/2/2005

Last Revision: 5/16/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 31.96 deg.Key Reference: WELLHEAD
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEADPlatinum Exploration
T.D. Pope "35" #7-H
Key #36
Lea County New MexicoDecl: 7.57° Magnetic East To Grid.
KBH: 10' Rotary To Ground.PES Office Supervisor:
Ron Welch
Pat CollinsPES MWD Engineer:
Danny Harvick

Measured Depth	15005.00	(ft)
Inclination	90.48	(deg)
Azimuth	31.74	(deg)
True Vertical Depth	12675.65	(ft)
Vertical Section	2455.93	(ft)
Rectangular Offsets		
North/South	2084.78 N	(ft)
East/West	1298.19 E	(ft)
Closure Dist & Dir	2455.93 @ 31.91	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

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Vertical Section Plane: 31.96 deg.

Key Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

Platinum Exploration

T.D. Pope "35" #7-H

Key #36

Lea County New Mexico

Decl: 7.57° Magnetic East To Grid.
 KBH: 10' Rotary To Ground.

PES Office Supervisor:
 Ron Welch
 Pat Collins

PES MWD Engineer:
 Danny Harvick

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)	Build Rate (dg/100ft)	DLS (dg/100ft)
Tie In To Pathfinder MWD Surveys.								
12612.00	89.78	35.07	0.00	12496.45	74.69	92.56 N 7.26 W	0.00	0.00
Start of Pathfinder MWD Surveys.								
12641.00	87.14	36.31	29.00	12497.23	103.61	116.10 N 9.65 E	-9.10	10.06
12673.00	84.68	34.38	32.00	12499.51	135.47	142.13 N 28.11 E	-7.69	9.76
12704.00	84.42	33.94	31.00	12502.46	166.31	167.67 N 45.44 E	-0.84	1.64
12736.00	83.10	32.71	32.00	12505.93	198.11	194.25 N 62.92 E	-4.12	5.62
12767.00	83.27	32.41	31.00	12509.61	228.89	220.19 N 79.48 E	0.55	1.11
12798.00	83.71	32.53	31.00	12513.13	259.69	246.18 N 96.02 E	1.42	1.47
12829.00	84.15	32.97	31.00	12516.41	290.51	272.10 N 112.69 E	1.42	2.00
12861.00	83.80	33.50	32.00	12519.76	322.32	298.72 N 130.14 E	-1.09	1.98
12892.00	82.39	32.18	31.00	12523.49	353.09	324.58 N 146.82 E	-4.55	6.21
12924.00	82.31	32.27	32.00	12527.75	384.81	351.41 N 163.74 E	-0.25	0.37
12944.00	82.39	33.32	20.00	12530.41	404.63	368.07 N 174.47 E	0.40	5.22
12975.00	84.15	33.50	31.00	12534.05	435.40	393.77 N 191.42 E	5.68	5.71
13006.00	84.06	33.50	31.00	12537.23	466.23	419.48 N 208.44 E	-0.29	0.29
13037.00	84.24	33.23	31.00	12540.39	497.06	445.24 N 225.40 E	0.58	1.04
13069.00	84.33	33.23	32.00	12543.58	528.89	471.87 N 242.85 E	0.28	0.28
13101.00	84.06	33.15	32.00	12546.81	560.72	498.51 N 260.28 E	-0.84	0.88
13132.00	83.54	34.29	31.00	12550.16	591.52	524.14 N 277.39 E	-1.68	4.02
13163.00	83.10	33.94	31.00	12553.77	622.29	549.64 N 294.66 E	-1.42	1.81
13195.00	82.66	34.11	32.00	12557.73	654.02	575.95 N 312.42 E	-1.37	1.47
13227.00	81.95	34.99	32.00	12562.02	685.70	602.07 N 330.41 E	-2.22	3.51
13258.00	82.04	34.29	31.00	12566.33	716.37	627.33 N 347.86 E	0.29	2.25
13290.00	81.95	33.67	32.00	12570.79	748.03	653.60 N 365.57 E	-0.28	1.94
13321.00	82.22	33.23	31.00	12575.06	778.73	679.22 N 382.49 E	0.87	1.65
13352.00	82.22	35.78	31.00	12579.26	809.41	704.53 N 399.89 E	0.00	8.15
13384.00	82.57	35.61	32.00	12583.49	841.06	730.29 N 418.40 E	1.09	1.21
13416.00	82.75	35.34	32.00	12587.58	872.74	756.14 N 436.82 E	0.56	1.01
13447.00	82.83	35.78	31.00	12591.47	903.43	781.16 N 454.70 E	0.26	1.43
13479.00	84.42	36.22	32.00	12595.02	935.16	806.88 N 473.39 E	4.97	5.15
13509.00	84.68	35.26	30.00	12597.87	964.95	831.12 N 490.84 E	0.87	3.30
13541.00	83.98	34.55	32.00	12601.03	996.76	857.24 N 509.06 E	-2.19	3.11
13572.00	83.98	34.55	31.00	12604.29	1027.55	882.63 N 526.54 E	0.00	0.00
13604.00	83.89	34.46	32.00	12607.67	1059.34	908.85 N 544.57 E	-0.28	0.40
13636.00	84.24	34.55	32.00	12610.97	1091.14	935.08 N 562.60 E	1.09	1.13
13667.00	84.42	34.38	31.00	12614.04	1121.96	960.52 N 580.06 E	0.58	0.80
13698.00	83.27	32.53	31.00	12617.36	1152.77	986.23 N 597.05 E	-3.71	7.00

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Page 2

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Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		Build Rate (dg/100ft)	DLS (dg/100ft)
13730.00	82.92	32.88	32.00	12621.21	1184.53	1012.96 N	614.21 E	-1.09	1.54
13761.00	82.83	32.53	31.00	12625.05	1215.29	1038.84 N	630.83 E	-0.29	1.16
3793.00	83.36	32.71	32.00	12628.90	1247.06	1065.60 N	647.96 E	1.66	1.75
13825.00	82.83	32.44	32.00	12632.75	1278.82	1092.37 N	665.06 E	-1.66	1.86
13856.00	82.22	32.00	31.00	12636.78	1309.56	1118.37 N	681.45 E	-1.97	2.42
13888.00	83.62	32.09	32.00	12640.72	1341.31	1145.29 N	698.30 E	4.38	4.38
13919.00	83.80	32.53	31.00	12644.12	1372.13	1171.33 N	714.77 E	0.58	1.53
13951.00	84.42	32.88	32.00	12647.40	1403.95	1198.12 N	731.97 E	1.94	2.22
13982.00	84.68	34.38	31.00	12650.35	1434.80	1223.81 N	749.06 E	0.84	4.89
14014.00	83.10	34.46	32.00	12653.75	1466.59	1250.06 N	767.04 E	-4.94	4.94
14045.00	82.66	33.76	31.00	12657.60	1497.33	1275.53 N	784.29 E	-1.42	2.65
14077.00	82.83	33.50	32.00	12661.64	1529.06	1301.96 N	801.87 E	0.53	0.97
14109.00	82.92	33.67	32.00	12665.61	1560.80	1328.41 N	819.44 E	0.28	0.60
14140.00	82.22	34.29	31.00	12669.62	1591.52	1353.90 N	836.62 E	-2.26	3.01
14172.00	82.39	33.94	32.00	12673.90	1623.21	1380.16 N	854.40 E	0.53	1.21
14203.00	86.00	33.50	31.00	12677.04	1654.03	1405.80 N	871.52 E	11.65	11.73
14235.00	88.81	32.97	32.00	12678.48	1685.98	1432.54 N	889.04 E	8.78	8.94
14266.00	89.60	32.00	31.00	12678.91	1716.98	1458.69 N	905.69 E	2.55	4.04
14298.00	89.87	31.12	32.00	12679.06	1748.98	1485.95 N	922.43 E	0.84	2.88
14330.00	90.13	31.30	32.00	12679.06	1780.97	1513.32 N	939.02 E	0.81	0.99
14361.00	90.22	32.44	31.00	12678.97	1811.97	1539.65 N	955.38 E	0.29	3.69
14392.00	89.78	31.74	31.00	12678.97	1842.97	1565.91 N	971.85 E	-1.42	2.67
14425.00	90.31	31.92	33.00	12678.94	1875.97	1593.95 N	989.26 E	1.61	1.70
14456.00	90.92	33.32	31.00	12678.61	1906.97	1620.06 N	1005.97 E	1.97	4.93
14487.00	90.75	32.88	31.00	12678.16	1937.96	1646.02 N	1022.89 E	-0.55	1.52
14518.00	90.40	32.62	31.00	12677.84	1968.95	1672.09 N	1039.66 E	-1.13	1.41
14550.00	89.96	32.18	32.00	12677.74	2000.95	1699.11 N	1056.81 E	-1.38	1.94
14581.00	89.87	32.09	31.00	12677.79	2031.95	1725.36 N	1073.30 E	-0.29	0.41
14613.00	89.87	32.27	32.00	12677.86	2063.95	1752.45 N	1090.34 E	0.00	0.56
14644.00	89.69	32.36	31.00	12677.98	2094.95	1778.64 N	1106.91 E	-0.58	0.65
14676.00	89.69	32.09	32.00	12678.15	2126.95	1805.71 N	1123.98 E	0.00	0.84
14708.00	89.78	31.92	32.00	12678.30	2158.95	1832.85 N	1140.94 E	0.28	0.60
14739.00	90.31	31.65	31.00	12678.28	2189.95	1859.20 N	1157.26 E	1.71	1.92
14771.00	90.22	31.65	32.00	12678.13	2221.95	1886.44 N	1174.06 E	-0.28	0.28
14803.00	90.66	31.74	32.00	12677.88	2253.95	1913.67 N	1190.87 E	1.38	1.40
14834.00	90.92	31.56	31.00	12677.46	2284.94	1940.05 N	1207.13 E	0.84	1.02
14866.00	91.01	32.09	32.00	12676.92	2316.94	1967.24 N	1224.00 E	0.28	1.68
14897.00	90.40	33.32	31.00	12676.54	2347.93	1993.32 N	1240.75 E	-1.97	4.43
14929.00	90.48	32.27	32.00	12676.29	2379.93	2020.22 N	1258.08 E	0.25	3.29
14960.00	90.48	31.74	31.00	12676.03	2410.93	2046.51 N	1274.51 E	0.00	1.71
Straight Line Projection to TD @ 15005 MD.									
15005.00	90.48	31.74	45.00	12675.65	2455.93	2084.78 N	1298.19 E	0.00	0.00