

Pathfinder

BHL Report

Page 1
 Job No: JWT0506-0095 WT WT
 Date: 7/8/2005
 Time: 1:10 pm
 Wellpath ID: 05060095
 Date Created: 6/27/2005
 Last Revision: 7/7/2005

Calculated using the Minimum Curvature Method
 Computed using PDS VER2.2.6
 Vertical Section Plane: 288.39 deg.

Survey Reference: WELLHEAD
 Vertical Section Reference: WELLHEAD
 Closure Reference: WELLHEAD
 TVD Reference: WELLHEAD

Platinum Exploration

POPE 35 - 2

POOL # 441

TD POPE 35 -2

35 - 2

2nd lateral

Measured Depth	14467.00	(ft)
Inclination	86.26	(deg)
Azimuth	285.62	(deg)
True Vertical Depth	12647.69	(ft)
Vertical Section	1892.58	(ft)
Rectangular Offsets		
North/South	598.48 N	(ft)
East/West	1795.47 W	(ft)
Closure Dist & Dir	1892.59 @ 288.43	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

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Survey Report

Page 1
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 Vertical Section Plane: 288.39 deg.

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

Platinum Exploration

POPE 35 - 2
 POOL # 441
 TD POPE 35 -2
 35 - 2

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)
12519.00	0.93	224.96	0.00	12517.94	80.56	25.18 S	93.27 W	0.00	0.00
Azi. not clean									
12571.00	2.60	291.00	52.00	12569.92	81.93	25.06 S	94.67 W	4.58	3.21
Azi. not clean									
12617.00	25.32	255.00	46.00	12614.30	91.31	27.26 S	105.29 W	50.57	49.39
CLEAN SURVEY WITH MWD									
12632.00	33.15	255.03	15.00	12627.37	97.43	29.15 S	112.36 W	52.20	52.20
12648.00	41.68	256.61	16.00	12640.07	105.62	31.52 S	121.78 W	53.65	53.31
12679.00	58.83	263.55	31.00	12659.83	126.59	35.43 S	145.18 W	57.88	55.32
12711.00	75.18	267.16	32.00	12672.29	153.62	37.75 S	174.44 W	52.13	51.09
12741.00	87.67	277.35	30.00	12676.77	182.03	36.54 S	203.98 W	53.45	41.63
12771.00	93.64	285.66	30.00	12676.43	211.78	30.57 S	233.33 W	34.10	19.90
12801.00	93.18	290.12	30.00	12674.64	241.71	21.37 S	261.83 W	14.92	-1.53
12831.00	93.47	290.70	30.00	12672.90	271.64	10.92 S	289.90 W	2.16	0.97
962.00	96.32	292.79	31.00	12670.25	302.47	0.52 N	318.58 W	11.39	9.19
12892.00	96.99	297.44	30.00	12666.78	332.06	13.16 N	345.55 W	15.56	2.23
12924.00	98.22	297.08	32.00	12662.54	363.40	27.69 N	373.75 W	4.00	3.84
12955.00	98.40	297.19	31.00	12658.06	393.71	41.68 N	401.05 W	0.68	0.58
12987.00	98.57	297.32	32.00	12653.34	424.99	56.17 N	429.18 W	0.67	0.53
13018.00	99.19	297.56	31.00	12648.55	455.23	70.28 N	456.37 W	2.14	2.00
13049.00	98.75	297.74	31.00	12643.72	485.45	84.50 N	483.49 W	1.53	-1.42
13081.00	98.07	297.72	32.00	12639.04	516.69	99.22 N	511.51 W	2.13	-2.13
13112.00	98.28	297.74	31.00	12634.63	546.97	113.50 N	538.67 W	0.68	0.68
13143.00	98.41	296.86	31.00	12630.13	577.27	127.57 N	565.93 W	2.84	0.42
13175.00	98.74	297.22	32.00	12625.36	608.55	141.95 N	594.11 W	1.52	1.03
13206.00	98.96	296.66	31.00	12620.59	638.84	155.83 N	621.42 W	1.92	0.71
13237.00	98.80	296.47	31.00	12615.81	669.16	169.53 N	648.81 W	0.80	-0.52
13269.00	98.81	296.54	32.00	12610.91	700.47	183.64 N	677.11 W	0.22	0.03
13301.00	98.36	295.74	32.00	12606.13	731.82	197.58 N	705.51 W	2.84	-1.41
13332.00	96.38	295.94	31.00	12602.16	762.30	210.98 N	733.18 W	6.42	-6.39
13363.00	95.59	295.30	31.00	12598.92	792.89	224.31 N	760.98 W	3.27	-2.55
13395.00	94.19	295.07	32.00	12596.20	824.55	237.88 N	789.83 W	4.43	-4.37
13426.00	94.18	294.38	31.00	12593.93	855.27	250.81 N	817.92 W	2.22	-0.03
13457.00	92.51	293.55	31.00	12592.12	886.07	263.38 N	846.20 W	6.01	-5.39
13489.00	91.17	293.51	32.00	12591.10	917.93	276.15 N	875.52 W	4.19	-4.19
13520.00	90.39	292.56	31.00	12590.67	948.82	288.28 N	904.04 W	3.96	-2.52
13551.00	89.39	293.25	31.00	12590.73	979.73	300.34 N	932.60 W	3.92	-3.23
13583.00	89.44	292.94	32.00	12591.06	1011.62	312.89 N	962.03 W	0.98	0.16
13614.00	89.16	292.90	31.00	12591.44	1042.52	324.97 N	990.58 W	0.91	-0.90
545.00	89.08	292.14	31.00	12591.92	1073.43	336.84 N	1019.22 W	2.46	-0.26
5677.00	88.64	293.53	32.00	12592.55	1105.33	349.25 N	1048.70 W	4.56	-1.38
13708.00	88.64	293.61	31.00	12593.29	1136.19	361.65 N	1077.11 W	0.26	0.00

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Date: 7/8/2005

Survey Report

Wellpath ID: 05060095

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Course Length (ft)	TVD (ft)	Vertical Section (ft)	T O T A L Rectangular Offsets (ft)		DLS (dg/100ft)	Build Rate (dg/100ft)
13739.00	87.67	293.35	31.00	12594.29	1167.05	373.99 N	1105.52 W	3.24	-3.13
13771.00	87.05	293.09	32.00	12595.76	1198.91	386.59 N	1134.90 W	2.10	-1.94
13803.00	85.30	291.15	32.00	12597.90	1230.77	398.62 N	1164.48 W	8.15	-5.47
13834.00	83.98	289.66	31.00	12600.79	1261.61	409.38 N	1193.40 W	6.41	-4.26
13866.00	84.77	289.57	32.00	12603.93	1293.45	420.07 N	1223.40 W	2.48	2.47
13897.00	85.12	289.39	31.00	12606.66	1324.32	430.37 N	1252.51 W	1.27	1.13
13928.00	85.56	288.81	31.00	12609.18	1355.22	440.48 N	1281.71 W	2.34	1.42
13960.00	85.65	288.22	32.00	12611.63	1387.12	450.61 N	1311.96 W	1.86	0.28
13992.00	85.74	288.21	32.00	12614.03	1419.03	460.58 N	1342.27 W	0.28	0.28
14023.00	85.95	288.29	31.00	12616.28	1449.95	470.26 N	1371.64 W	0.72	0.68
14055.00	85.56	288.30	32.00	12618.65	1481.86	480.28 N	1401.94 W	1.22	-1.22
14086.00	85.30	288.34	31.00	12621.12	1512.76	489.99 N	1431.27 W	0.85	-0.84
14118.00	85.03	288.34	32.00	12623.81	1544.65	500.03 N	1461.54 W	0.84	-0.84
14149.00	85.03	287.90	31.00	12626.50	1575.53	509.63 N	1490.89 W	1.41	0.00
14181.00	85.82	287.11	32.00	12629.05	1607.43	519.23 N	1521.31 W	3.49	2.47
14213.00	86.17	286.58	32.00	12631.29	1639.34	528.48 N	1551.86 W	1.98	1.09
14244.00	86.44	286.67	31.00	12633.29	1670.26	537.33 N	1581.50 W	0.92	0.87
14275.00	86.35	286.49	31.00	12635.24	1701.18	546.16 N	1611.16 W	0.65	-0.29
14307.00	86.35	286.32	32.00	12637.27	1733.10	555.18 N	1641.79 W	0.53	0.00
14338.00	86.17	285.88	31.00	12639.29	1764.01	563.75 N	1671.51 W	1.53	-0.58
14370.00	86.26	285.70	32.00	12641.41	1795.90	572.44 N	1702.24 W	0.63	0.28
14401.00	86.35	285.53	31.00	12643.41	1826.80	580.77 N	1732.03 W	0.62	0.29
14433.00	86.26	285.62	32.00	12645.47	1858.70	589.34 N	1762.79 W	0.40	-0.28
PROJ TO TD 14467.00	86.26	285.62	34.00	12647.69	1892.58	598.48 N	1795.47 W	0.00	0.00