

PathFinder Energy Services

BHL Report

Page 1
Job No: J-WT-0502-0023-WT-WT
Date: 3/18/2005
Time: 9:42 am
Wellpath ID: Final Field Report
Date Created: 2/18/2005
Last Revision: 3/16/2005

Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 147.62 deg.

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

Platinum Exploration
T.D. POPE "26" # 6-H
Key # 36
Lea County , NM

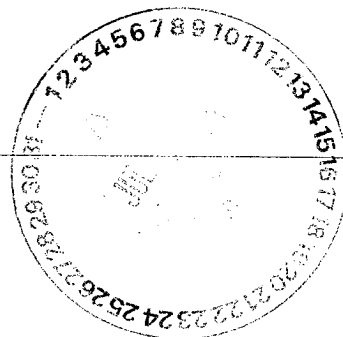
SUR: J -26-14s-37e, 1980/S & 1980/E
BHL: P-26-14s-37e, 833/S & 1251/E
API # 30-025-05142

Decl: 7.58 TO Grid
KBH: 10' Rotary to Ground

PES Supervisors:
Ron Welch / Patrick Collins

MWD Engineers:
Mike Gallaher Jr. / Robby Savage

Measured Depth	13793.00	(ft)
Inclination	93.65	(deg)
Azimuth	152.42	(deg)
True Vertical Depth	12336.92	(ft)
Vertical Section	1359.45	(ft)
Rectangular Offsets		
North/South	1147.30 S	(ft)
East/West	729.25 E	(ft)
Closure Dist & Dir	1359.45@ 147.56	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)



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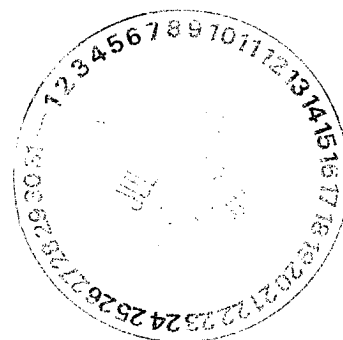
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Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Vertical Section (ft)	TVD (ft)	T O T A L Rectangular Offsets (ft) (ft)		DLS (dg/100ft)	Closure Dist. Dir. (ft) (deg.)	
12283.00	1.23	120.97	-42.36	12281.46	66.48 N	25.74 E	0.00	71.29@	21.17
1st MWD Survey									
12347.00	16.00	143.16	-32.90	12344.57	59.03 N	31.65 E	23.23	66.98@	28.20
12378.00	28.84	146.98	-21.11	12373.17	49.30 N	38.31 E	41.66	62.44@	37.86
12409.00	42.38	145.83	-3.11	12398.31	34.31 N	48.30 E	43.73	59.25@	54.61
12440.00	57.60	147.77	20.56	12418.18	14.48 N	61.23 E	49.33	62.92@	76.69
12471.00	71.05	149.79	48.43	12431.58	9.37 S	75.65 E	43.78	76.23@	97.06
12500.00	84.24	152.77	76.63	12437.78	34.17 S	89.22 E	46.57	95.53@	110.95
12532.00	96.46	155.41	108.36	12437.58	62.89 S	103.17 E	39.07	120.83@	121.37
15' FT. Slide 60L									
12563.00	99.72	153.74	138.82	12433.22	90.61 S	116.34 E	11.79	147.46@	127.91
All Rotation									
12596.00	100.33	153.83	171.13	12427.48	119.76 S	130.70 E	1.87	177.27@	132.50
15' of Slide down									
12627.00	99.19	153.74	201.51	12422.22	147.17 S	144.19 E	3.69	206.04@	135.58
7' Slide Down									
12658.00	98.40	153.13	231.98	12417.48	174.57 S	157.90 E	3.21	235.38@	137.87
Rotation									
12689.00	98.84	153.47	262.48	12412.83	201.95 S	171.67 E	1.79	265.05@	139.63
10' Slide Down									
12721.00	97.43	152.95	294.01	12408.31	230.23 S	185.94 E	4.69	295.94@	141.07
15' Slide @ 170L									
12752.00	95.32	152.77	324.69	12404.86	257.64 S	200.00 E	6.83	326.16@	142.18

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10' Slide 160L								
12783.00	93.65	151.72	355.49	12402.44	284.99 S	214.39 E	6.36	356.63@143.05
10' Slide 120L								
12814.00	93.47	149.70	386.38	12400.51	311.97 S	229.53 E	6.53	387.31@143.66
All Rotation								
12846.00	93.65	149.52	418.30	12398.53	339.52 S	245.68 E	0.79	419.09@144.11
15' Slide Down								
12877.00	91.89	150.67	449.24	12397.03	366.36 S	261.12 E	6.78	449.89@144.52
10' Slide down								
12909.00	89.96	150.49	481.19	12396.51	394.23 S	276.83 E	6.06	481.72@144.92
10' Slide 120 L								
12940.00	89.08	149.52	512.16	12396.77	421.08 S	292.33 E	4.22	512.60@145.23
All Rotation								
12972.00	89.16	149.00	544.14	12397.26	448.58 S	308.69 E	1.64	544.53@145.47
8' Slide 105 L								
13004.00	88.90	146.27	576.13	12397.81	475.60 S	325.81 E	8.57	576.50@145.59
All Rotation								
13035.00	88.90	146.71	607.12	12398.40	501.44 S	342.92 E	1.42	607.49@145.63
All Rotation								
13067.00	89.16	146.36	639.11	12398.94	528.13 S	360.57 E	1.36	639.48@145.68
All Rotation								
13098.00	89.25	146.62	670.10	12399.37	553.98 S	377.68 E	0.89	670.47@145.72
All Rotation								
13130.00	89.43	146.36	702.09	12399.74	580.66 S	395.34 E	0.99	702.47@145.75
All Rotation								
13161.00	89.78	146.27	733.09	12399.95	606.45 S	412.54 E	1.17	733.47@145.77
All Rotation								
13192.00	90.04	146.18	764.08	12400.00	632.22 S	429.77 E	0.89	764.47@145.79
All Rotation								
13224.00	90.40	146.01	796.06	12399.88	658.78 S	447.62 E	1.24	796.46@145.81
18' of Slide 15 R								
13256.00	90.66	146.36	828.05	12399.58	685.37 S	465.43 E	1.36	828.46@145.82
18' of Slide 15 R								
13287.00	90.92	147.06	859.05	12399.16	711.28 S	482.44 E	2.41	859.46@145.85
15' of Slide HS								
13318.00	91.63	147.77	890.04	12398.47	737.39 S	499.13 E	3.24	890.44@145.91
31' of Slide Up								
13349.00	93.03	150.31	921.00	12397.21	763.95 S	515.07 E	9.35	921.36@146.01
32' Slide up								
13381.00	97.17	150.49	952.83	12394.36	791.66 S	530.81 E	12.95	953.14@146.16
31' of Slide up								
13412.00	102.00	151.02	983.34	12389.20	818.32 S	545.74 E	15.67	983.60@146.30
All Rotation								
13444.00	102.44	150.58	1014.57	12382.43	845.62 S	560.99 E	1.92	1014.78@146.44
Rotation								
13475.00	102.27	149.96	1044.82	12375.80	871.91 S	576.01 E	2.03	1045.00@146.55
Looking into 15' Slide								
13507.00	101.04	149.26	1076.14	12369.33	898.95 S	591.87 E	4.40	1076.30@146.64

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15' Slide									
13537.00	98.40	148.29	1105.70	12364.27	924.23 S	607.19 E	9.36	1105.84@146.70	
Rotation									
13569.00	98.31	149.61	1137.35	12359.62	951.35 S	623.52 E	4.09	1137.48@146.76	
Rotation									
13601.00	98.49	151.10	1168.97	12354.94	978.87 S	639.18 E	4.64	1169.07@146.86	
Rotation									
13632.00	98.84	151.46	1199.55	12350.27	1005.74 S	653.91 E	1.61	1199.63@146.97	
15' Slide @ 180 GTF									
13664.00	96.55	149.96	1231.21	12345.99	1033.40 S	669.42 E	8.53	1231.27@147.07	
15' Slide 180GTF									
13696.00	93.74	153.13	1263.00	12343.12	1061.41 S	684.60 E	13.21	1263.04@147.18	
All Rotation									
13727.00	93.65	152.42	1293.81	12341.12	1088.92 S	698.75 E	2.30	1293.83@147.31	
Straight Line Projection to BIT @ 13793' MD.									
13793.00	93.65	152.42	1359.45	12336.92	1147.30 S	729.25 E	0.00	1359.45@147.56	