

PathFinder Energy Services

Survey Report

Page 1
Job No: J-WT-0411-0160-WT-WT
Date: 1/13/2005
Time: 4:52 pm
Wellpath ID: Lower Lateral Final
Date Created: 12/4/2004
Last Revision: 1/13/2005

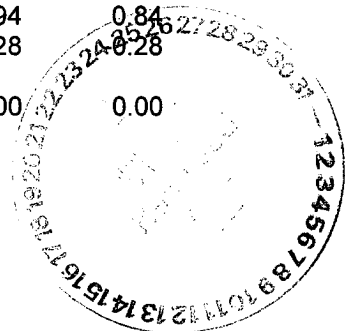
Calculated using the Minimum Curvature Method
Computed using PDS VER2.2.6
Vertical Section Plane: 101.31 deg.

Survey Reference: WELLHEAD
Reference World Coordinates: Lat. 33.4.12 N - Lon. 103.10.6 W
Reference GRID System: LAMBERT Zone: Texas N Central
Reference GRID Coordinates: 264480.12 X 557319.09 Y
North Aligned to: TRUE NORTH
Vertical Section Reference: WELLHEAD
Closure Reference: WELLHEAD
TVD Reference: WELLHEAD

Lower Lateral
SUR: O-26-14s-37e, 660/S & 1980/E
BHL: P-26-14s-37e, 353/S & 331/E
API # 30-025-05147

PLATINUM EXPLORATION
T.D. POPE
POOL 441
T.D. POPE # 14
LEA CO, NM

Measured Depth (ft)	Incl (deg.)	Drift Dir. (deg.)	Vertical Section (ft)	TVD (ft)	TOTAL Rectangular Offsets (ft)		Build Rate (dg/100ft)	DLS (dg/100ft)	Walk Rate (dg/100ft)
13008.00	90.40	108.72	364.03	12646.09	11.14 S	369.01 E	-2.22	2.29	0.56
13071.00	86.35	108.02	426.51	12647.87	30.99 S	428.76 E	-6.43	6.52	-1.11
13133.00	87.76	104.07	488.20	12651.06	48.10 S	488.25 E	2.27	6.76	-6.37
3196.00	89.60	101.87	551.15	12652.51	62.23 S	549.62 E	2.92	4.55	-3.49
13259.00	91.89	101.52	614.14	12651.69	75.00 S	611.31 E	3.63	3.68	-0.56
13322.00	92.42	101.57	677.10	12649.32	87.60 S	672.99 E	0.84	0.84	0.08
13385.00	91.19	103.71	740.04	12647.34	101.38 S	734.43 E	-1.95	3.92	3.40
13447.00	89.96	102.57	802.01	12646.72	115.47 S	794.80 E	-1.98	2.70	-1.84
13510.00	87.58	102.40	864.98	12648.07	129.09 S	856.29 E	-3.78	3.79	-0.27
13573.00	87.49	102.66	927.90	12650.78	142.74 S	917.73 E	-0.14	0.44	0.41
13637.00	89.87	101.87	991.87	12652.25	156.33 S	980.25 E	3.72	3.92	-1.23
13700.00	89.43	102.48	1054.86	12652.64	169.62 S	1041.83 E	-0.70	1.19	0.97
13760.00	89.69	99.58	1114.85	12653.10	181.10 S	1100.71 E	0.43	4.85	-4.83
13824.00	92.86	100.37	1178.81	12651.68	192.18 S	1163.72 E	4.95	5.10	1.23
13887.00	91.45	102.04	1241.76	12649.31	204.41 S	1225.47 E	-2.24	3.47	2.65
13950.00	90.31	103.10	1304.74	12648.34	218.12 S	1286.95 E	-1.81	2.47	1.68
14013.00	89.52	103.36	1367.70	12648.43	232.54 S	1348.28 E	-1.25	1.32	0.41
14076.00	89.43	103.54	1430.66	12649.01	247.19 S	1409.55 E	-0.14	0.32	0.29
14139.00	89.16	104.07	1493.59	12649.79	262.22 S	1470.73 E	-0.43	0.94	0.84
14171.00	89.16	103.98	1525.55	12650.25	269.98 S	1501.77 E	0.00	0.28	0.28
PROJ TO TD AT 14323									
14323.00	89.16	103.98	1677.37	12652.48	306.69 S	1649.25 E	0.00	0.00	0.00



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BHL Report

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Vertical Section Reference: WELLHEAD
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PLATINUM EXPLORATION

T.D. POPE
POOL 441
T.D. POPE # 14
LEA CO, NM

Measured Depth	14323.00	(ft)
Inclination	89.16	(deg)
Azimuth	103.98	(deg)
True Vertical Depth	12652.48	(ft)
Vertical Section	1677.37	(ft)
Grid Coordinates		
X	266110.23	(ft)
Y	556923.99	(ft)
Rectangular Offsets		
North/South	306.69 S	(ft)
East/West	1649.25 E	(ft)
Closure Dist & Dir	1677.52@100.53	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

