

PathFinder Energy Services

BHL Report

Page 1

Job No: JWT-0412-0163

Date: 12/28/2004

Time: 1:57 pm

Wellpath ID: Final Field Reports Deepening

Date Created: 12/7/2004

Last Revision: 12/28/2004

Calculated using the Minimum Curvature Method

Computed using PDS VER2.2.6

Vertical Section Plane: 354.00 deg.

Survey Reference: WELLHEAD

Reference World Coordinates: Lat. 32.50.19 N - Lon. 103.0.14 W

Reference GRID System: LAMBERT Zone: Texas N Central

Reference GRID Coordinates: 310357.78 X 470623.55 Y

North Aligned to: TRUE NORTH

Vertical Section Reference: WELLHEAD

Closure Reference: WELLHEAD

TVD Reference: WELLHEAD

SUR: F-18-17s-39e, 1980/N & 1980/W

BHL: C-18-17s-39e, 488/N & 1823/W

API #30-025-31989

Platinum Exploration

ARCO - 1-H

BASIC 1291

ARCO 1-H

ARCO1-H DEEPENING

Measured Depth	13681.00	(ft)
Inclination	91.54	(deg)
Azimuth	353.74	(deg)
True Vertical Depth	12156.23	(ft)
Vertical Section	1500.44	(ft)
Grid Coordinates		
X	310279.18	(ft)
Y	472121.75	(ft)
Rectangular Offsets		
North/South	1492.21 N	(ft)
East/West	156.96W	(ft)
Closure Dist & Dir	1500.44@354.00	(deg)
Dogleg Severity	0.00	(deg/100ft)
Build Rate	0.00	(deg/100ft)
Walk Rate	0.00	(deg/100ft)

PathFinder Energy Services

Survey Report

Page 1

Job No: JWT-0412-0163

Date: 12/28/2004

Time: 1:57 pm

Wellpath ID: Final Field Reports Deepening

Date Created: 12/7/2004

Last Revision: 12/28/2004

Calculated using the Minimum Curvature Method

Computed using PDS VER2.2.6

Vertical Section Plane: 354.00 deg.

Survey Reference: WELLHEAD

Reference World Coordinates: Lat. 32.50.19 N - Lon. 103.0.14 W

Reference GRID System: LAMBERT Zone: Texas N Central

Reference GRID Coordinates: 310357.78 X 470623.55 Y

North Aligned to: TRUE NORTH

Vertical Section Reference: WELLHEAD

Closure Reference: WELLHEAD

TVD Reference: WELLHEAD

Platinum Exploration

ARCO - 1-H

BASIC 1291

ARCO 1-H

ARCO1-H DEEPENING

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)
12560.00	95.94	354.72	381.62	12164.00	376.04 N	73.05W	0.00	0.00	0.00
12641.00	92.15	354.36	462.40	12158.29	456.46 N	80.74W	-4.68	4.70	-0.44
12705.00	95.67	355.15	526.23	12153.92	520.03 N	86.57W	5.50	5.64	1.23
12767.00	93.91	354.01	588.01	12148.75	581.53 N	92.41W	-2.84	3.38	-1.84
12830.00	92.33	355.41	650.91	12145.32	644.17 N	98.21W	-2.51	3.35	2.22
12892.00	89.69	355.59	712.87	12144.23	705.96 N	103.07W	-4.26	4.27	0.29
12955.00	87.58	356.64	775.80	12145.73	768.80 N	107.34W	-3.35	3.74	1.67
13018.00	85.65	356.99	838.62	12149.45	831.59 N	110.83W	-3.06	3.11	0.56
13080.00	84.59	357.61	900.29	12154.72	893.29 N	113.74W	-1.71	1.98	1.00
13143.00	86.79	356.91	963.00	12159.46	956.04 N	116.75W	3.49	3.66	-1.11
13206.00	90.57	357.35	1025.88	12160.91	1018.93 N	119.90W	6.00	6.04	0.70
13269.00	88.90	357.52	1088.76	12161.20	1081.86 N	122.72W	-2.65	2.66	0.27
13331.00	88.02	356.56	1150.65	12162.86	1143.76 N	125.92W	-1.42	2.10	-1.55
13394.00	89.96	355.68	1213.60	12163.97	1206.60 N	130.18W	3.08	3.38	-1.40
13457.00	91.01	355.06	1276.58	12163.44	1269.39 N	135.27W	1.67	1.94	-0.98
13489.00	91.54	354.80	1308.56	12162.73	1301.26 N	138.09W	1.66	1.84	-0.81
13520.00	92.59	354.62	1339.54	12161.61	1332.10 N	140.95W	3.39	3.44	-0.58
13583.00	91.98	354.71	1402.49	12159.10	1394.78 N	146.80W	-0.97	0.98	0.14
13645.00	91.54	353.74	1464.46	12157.20	1456.44 N	153.04W	-0.71	1.72	-1.56
Bit Projection									
13681.00	91.54	353.74	1500.44	12156.23	1492.21 N	156.96W	0.00	0.00	0.00