

Company: POGO Producing Company	Date: 3/16/2006	Time: 10:37:09	Page: 1
Field: Pierce Crossing-Bone Spring East	Co-ordinate(NE) Reference: Site: H Buck State #10, Grid North		
Site: H Buck State #10	Vertical (TVD) Reference: System: Mean Sea Level		
Well: H-Buck State #10	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Original Hole	Plan: Plan #1 3-15-06		

Field: Pierce Crossing-Bone Spring East
Eddy County, New Mexico

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: H Buck State #10
Eddy County, New Mexico
Section 16; T-24-S; R29-E

Site Position:	Northing: 442736.03 ft	Latitude: 32 13 0.000 N
From: Geographic	Easting: 613396.96 ft	Longitude: 103 58 0.000 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 2927.00 ft		Grid Convergence: 0.20 deg

Well: H-Buck State #10	Slot Name:
Lats & Longs are Estimated as of 3-16-06	
Well Position: +N/-S 0.00 ft	Latitude: 32 12 59.999 N
+E/-W 0.00 ft	Longitude: 103 58 0.000 W
Position Uncertainty: 0.00 ft	

Wellpath: Original Hole	Drilled From: Surface
	Tie-on Depth: 0.00 ft
Current Datum: Mean Sea Level	Above System Datum: Mean Sea Level
Magnetic Data: 3/16/2006	Declination: 8.38 deg
Field Strength: 49133 nT	Mag Dip Angle: 60.24 deg
Vertical Section: Depth From (TVD)	+E/-W Direction
ft	ft deg
0.00	0.00 270.00

Plan: Plan #1 3-15-06	Date Composed: 3/16/2006
	Version: 1
Principal: Yes	Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7223.07	0.00	270.00	7223.07	0.00	0.00	0.00	0.00	0.00	0.00	
7979.40	90.76	270.00	7700.49	0.00	-483.80	12.00	12.00	0.00	270.00	
11785.94	90.76	270.00	7650.00	0.00	-4290.00	0.00	0.00	0.00	0.00	PBHL H. Buck State #10

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7000.00	0.00	270.00	7000.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
7200.00	0.00	270.00	7200.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
7223.00	0.00	270.00	7223.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
7223.07	0.00	270.00	7223.07	0.00	0.00	0.00	0.00	0.00	0.00	270.00

Section 2 : Start Build 12.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7400.00	21.23	270.00	7395.98	0.00	-32.41	32.41	12.00	12.00	0.00	0.00
7600.00	45.23	270.00	7562.05	0.00	-141.22	141.22	12.00	12.00	0.00	0.00
7800.00	69.23	270.00	7669.51	0.00	-308.16	308.16	12.00	12.00	0.00	0.00
7979.00	90.71	270.00	7700.50	0.00	-483.40	483.40	12.00	12.00	0.00	0.00
7979.40	90.76	270.00	7700.49	0.00	-483.80	483.80	12.00	12.00	0.00	0.00

PathFinder

Planning Report - Geographic

Company: POGO Producing Company
 Field: Pierce Crossing-Bone Spring East
 Site: H Buck State #10
 Well: H-Buck State #10
 Wellpath: Original Hole

Date: 3/16/2006 Time: 10:37:09 Page: 2
 Co-ordinate(NE) Reference: Site: H Buck State #10, Grid North
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
 Plan: Plan #1.3-15-06

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
8000.00	90.76	270.00	7700.22	0.00	-504.40	504.40	0.00	0.00	0.00	0.00
8200.00	90.76	270.00	7697.56	0.00	-704.38	704.38	0.00	0.00	0.00	0.00
8400.00	90.76	270.00	7694.91	0.00	-904.36	904.36	0.00	0.00	0.00	0.00
8600.00	90.76	270.00	7692.26	0.00	-1104.34	1104.34	0.00	0.00	0.00	0.00
8800.00	90.76	270.00	7689.61	0.00	-1304.32	1304.32	0.00	0.00	0.00	0.00
9000.00	90.76	270.00	7686.95	0.00	-1504.31	1504.31	0.00	0.00	0.00	0.00
9200.00	90.76	270.00	7684.30	0.00	-1704.29	1704.29	0.00	0.00	0.00	0.00
9400.00	90.76	270.00	7681.65	0.00	-1904.27	1904.27	0.00	0.00	0.00	0.00
9600.00	90.76	270.00	7678.99	0.00	-2104.25	2104.25	0.00	0.00	0.00	0.00
9800.00	90.76	270.00	7676.34	0.00	-2304.24	2304.24	0.00	0.00	0.00	0.00
10000.00	90.76	270.00	7673.69	0.00	-2504.22	2504.22	0.00	0.00	0.00	0.00
10200.00	90.76	270.00	7671.04	0.00	-2704.20	2704.20	0.00	0.00	0.00	0.00
10400.00	90.76	270.00	7668.38	0.00	-2904.18	2904.18	0.00	0.00	0.00	0.00
10600.00	90.76	270.00	7665.73	0.00	-3104.17	3104.17	0.00	0.00	0.00	0.00
10800.00	90.76	270.00	7663.08	0.00	-3304.15	3304.15	0.00	0.00	0.00	0.00
11000.00	90.76	270.00	7660.42	0.00	-3504.13	3504.13	0.00	0.00	0.00	0.00
11200.00	90.76	270.00	7657.77	0.00	-3704.11	3704.11	0.00	0.00	0.00	0.00
11400.00	90.76	270.00	7655.12	0.00	-3904.10	3904.10	0.00	0.00	0.00	0.00
11600.00	90.76	270.00	7652.47	0.00	-4104.08	4104.08	0.00	0.00	0.00	0.00
11785.94	90.76	270.00	7650.00	0.00	-4290.00	4290.00	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
7000.00	0.00	270.00	7000.00	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7200.00	0.00	270.00	7200.00	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7223.00	0.00	270.00	7223.00	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7223.07	0.00	270.00	7223.07	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7400.00	21.23	270.00	7395.98	0.00	-32.41	442736.03	613364.55	32	13	0.001 N	103	58	0.377 W
7600.00	45.23	270.00	7562.05	0.00	-141.22	442736.03	613255.75	32	13	0.005 N	103	58	1.644 W
7800.00	69.23	270.00	7669.51	0.00	-308.16	442736.03	613088.80	32	13	0.010 N	103	58	3.587 W
7979.00	90.71	270.00	7700.50	0.00	-483.40	442736.03	612913.57	32	13	0.016 N	103	58	5.627 W
7979.40	90.76	270.00	7700.49	0.00	-483.80	442736.03	612913.16	32	13	0.016 N	103	58	5.632 W
8000.00	90.76	270.00	7700.22	0.00	-504.40	442736.03	612892.57	32	13	0.017 N	103	58	5.871 W
8200.00	90.76	270.00	7697.56	0.00	-704.38	442736.03	612692.58	32	13	0.024 N	103	58	8.199 W
8400.00	90.76	270.00	7694.91	0.00	-904.36	442736.03	612492.60	32	13	0.030 N	103	58	10.527 W
8600.00	90.76	270.00	7692.26	0.00	-1104.34	442736.03	612292.62	32	13	0.037 N	103	58	12.855 W
8800.00	90.76	270.00	7689.61	0.00	-1304.32	442736.03	612092.64	32	13	0.044 N	103	58	15.183 W
9000.00	90.76	270.00	7686.95	0.00	-1504.31	442736.03	611892.66	32	13	0.050 N	103	58	17.511 W
9200.00	90.76	270.00	7684.30	0.00	-1704.29	442736.03	611692.67	32	13	0.057 N	103	58	19.838 W
9400.00	90.76	270.00	7681.65	0.00	-1904.27	442736.03	611492.69	32	13	0.064 N	103	58	22.166 W
9600.00	90.76	270.00	7678.99	0.00	-2104.25	442736.03	611292.71	32	13	0.070 N	103	58	24.494 W
9800.00	90.76	270.00	7676.34	0.00	-2304.24	442736.03	611092.73	32	13	0.077 N	103	58	26.822 W
10000.00	90.76	270.00	7673.69	0.00	-2504.22	442736.03	610892.74	32	13	0.084 N	103	58	29.150 W
10200.00	90.76	270.00	7671.04	0.00	-2704.20	442736.03	610692.76	32	13	0.090 N	103	58	31.478 W
10400.00	90.76	270.00	7668.38	0.00	-2904.18	442736.03	610492.78	32	13	0.097 N	103	58	33.806 W
10600.00	90.76	270.00	7665.73	0.00	-3104.17	442736.03	610292.80	32	13	0.103 N	103	58	36.134 W
10800.00	90.76	270.00	7663.08	0.00	-3304.15	442736.03	610092.81	32	13	0.110 N	103	58	38.461 W
11000.00	90.76	270.00	7660.42	0.00	-3504.13	442736.03	609892.83	32	13	0.116 N	103	58	40.789 W
11200.00	90.76	270.00	7657.77	0.00	-3704.11	442736.03	609692.85	32	13	0.123 N	103	58	43.117 W
11400.00	90.76	270.00	7655.12	0.00	-3904.10	442736.03	609492.87	32	13	0.130 N	103	58	45.445 W
11600.00	90.76	270.00	7652.47	0.00	-4104.08	442736.03	609292.88	32	13	0.136 N	103	58	47.773 W
11785.94	90.76	270.00	7650.00	0.00	-4290.00	442736.03	609106.96	32	13	0.142 N	103	58	49.937 W



PathFinder

Planning Report - Geographic

Company: POGO Producing Company	Date: 3/16/2006	Time: 10:37:09	Page: 3
Field: Pierce Crossing-Bone Spring East	Co-ordinate(NE) Reference: Site: H Buck State #10, Grid North		
Site: H Buck State #10	Vertical (TVD) Reference: System: Mean Sea Level		
Well: H-Buck State #10	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Original Hole	Plan: Plan #1 3-15-06		

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	<-- Latitude --> Deg Min Sec			<-- Longitude --> Deg Min Sec		
PBHL H. Buck State #10		7650.00	0.00	-4290.00	442736.03	609106.96	32	13	0.142 N	103	58	49.937 W

Annotation

MD ft	TVD ft	
7223.00	7223.00	KOP @ 7223' MD 7223' TVD
7223.00	7223.00	Begin 12°/100' Build Rate
7979.00	7700.50	Land Curve @ 90.76° Inc. 7979' MD 7700' TVD



PathFinder

Planning Report - Geographic

Company: POGO Producing Company	Date: 3/16/2006	Time: 10:37:09	Page: 1
Field: Pierce Crossing-Bone Spring East	Co-ordinate(NE) Reference: Site: H Buck State #10, Grid North		
Site: H Buck State #10	Vertical (TVD) Reference: System: Mean Sea Level		
Well: H-Buck State #10	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Original Hole	Plan: Plan #1 3-15-06		

Field: Pierce Crossing-Bone Spring East
Eddy County, New Mexico

Map System: US State Plane Coordinate System 1927
Geo Datum: NAD27 (Clarke 1866)
Sys Datum: Mean Sea Level

Map Zone: New Mexico, Eastern Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2005

Site: H Buck State #10
Eddy County, New Mexico
Section 16; T-24-S; R29-E

Site Position:	Northing: 442736.03 ft	Latitude: 32 13 0.000 N
From: Geographic	Easting: 613396.96 ft	Longitude: 103 58 0.000 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 2927.00 ft		Grid Convergence: 0.20 deg

Well: H-Buck State #10	Slot Name:
Lats & Longs are Estimated as of 3-16-06	
Well Position: +N/-S 0.00 ft	Latitude: 32 12 59.999 N
+E/-W 0.00 ft	Longitude: 103 58 0.000 W
Position Uncertainty: 0.00 ft	

Wellpath: Original Hole	Drilled From: Surface
	Tie-on Depth: 0.00 ft
Current Datum: Mean Sea Level	Above System Datum: Mean Sea Level
Magnetic Data: 3/16/2006	Declination: 8.38 deg
Field Strength: 49133 nT	Mag Dip Angle: 60.24 deg
Vertical Section: Depth From (TVD)	+E/-W Direction
ft	ft
0.00	0.00
	0.00
	270.00

Plan: Plan #1 3-15-06	Date Composed: 3/16/2006
	Version: 1
Principal: Yes	Tied-to: From Surface

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
7223.07	0.00	270.00	7223.07	0.00	0.00	0.00	0.00	0.00	0.00	
7979.40	90.76	270.00	7700.49	0.00	-483.80	12.00	12.00	0.00	270.00	
11785.94	90.76	270.00	7650.00	0.00	-4290.00	0.00	0.00	0.00	0.00	PBHL H. Buck State #10

Section 1 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
0.00	0.00	270.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
7000.00	0.00	270.00	7000.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
7200.00	0.00	270.00	7200.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
7223.00	0.00	270.00	7223.00	0.00	0.00	0.00	0.00	0.00	0.00	270.00
7223.07	0.00	270.00	7223.07	0.00	0.00	0.00	0.00	0.00	0.00	270.00

Section 2 : Start Build 12.00

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
7400.00	21.23	270.00	7395.98	0.00	-32.41	32.41	12.00	12.00	0.00	0.00
7600.00	45.23	270.00	7562.05	0.00	-141.22	141.22	12.00	12.00	0.00	0.00
7800.00	69.23	270.00	7669.51	0.00	-308.16	308.16	12.00	12.00	0.00	0.00
7979.00	90.71	270.00	7700.50	0.00	-483.40	483.40	12.00	12.00	0.00	0.00
7979.40	90.76	270.00	7700.49	0.00	-483.80	483.80	12.00	12.00	0.00	0.00



PathFinder

Planning Report - Geographic

Company: POGO Producing Company
Field: Pierce Crossing-Bone Spring East
Site: H Buck State #10
Well: H-Buck State #10
Wellpath: Original Hole

Date: 3/16/2006 Time: 10:37:09 Page: 2
Co-ordinate(NE) Reference: Site: H Buck State #10, Grid North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)
Plan: Plan #1 3-15-06

Section 3 : Start Hold

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg
8000.00	90.76	270.00	7700.22	0.00	-504.40	504.40	0.00	0.00	0.00	0.00
8200.00	90.76	270.00	7697.56	0.00	-704.38	704.38	0.00	0.00	0.00	0.00
8400.00	90.76	270.00	7694.91	0.00	-904.36	904.36	0.00	0.00	0.00	0.00
8600.00	90.76	270.00	7692.26	0.00	-1104.34	1104.34	0.00	0.00	0.00	0.00
8800.00	90.76	270.00	7689.61	0.00	-1304.32	1304.32	0.00	0.00	0.00	0.00
9000.00	90.76	270.00	7686.95	0.00	-1504.31	1504.31	0.00	0.00	0.00	0.00
9200.00	90.76	270.00	7684.30	0.00	-1704.29	1704.29	0.00	0.00	0.00	0.00
9400.00	90.76	270.00	7681.65	0.00	-1904.27	1904.27	0.00	0.00	0.00	0.00
9600.00	90.76	270.00	7678.99	0.00	-2104.25	2104.25	0.00	0.00	0.00	0.00
9800.00	90.76	270.00	7676.34	0.00	-2304.24	2304.24	0.00	0.00	0.00	0.00
10000.00	90.76	270.00	7673.69	0.00	-2504.22	2504.22	0.00	0.00	0.00	0.00
10200.00	90.76	270.00	7671.04	0.00	-2704.20	2704.20	0.00	0.00	0.00	0.00
10400.00	90.76	270.00	7668.38	0.00	-2904.18	2904.18	0.00	0.00	0.00	0.00
10600.00	90.76	270.00	7665.73	0.00	-3104.17	3104.17	0.00	0.00	0.00	0.00
10800.00	90.76	270.00	7663.08	0.00	-3304.15	3304.15	0.00	0.00	0.00	0.00
11000.00	90.76	270.00	7660.42	0.00	-3504.13	3504.13	0.00	0.00	0.00	0.00
11200.00	90.76	270.00	7657.77	0.00	-3704.11	3704.11	0.00	0.00	0.00	0.00
11400.00	90.76	270.00	7655.12	0.00	-3904.10	3904.10	0.00	0.00	0.00	0.00
11600.00	90.76	270.00	7652.47	0.00	-4104.08	4104.08	0.00	0.00	0.00	0.00
11785.94	90.76	270.00	7650.00	0.00	-4290.00	4290.00	0.00	0.00	0.00	0.00

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
7000.00	0.00	270.00	7000.00	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7200.00	0.00	270.00	7200.00	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7223.00	0.00	270.00	7223.00	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7223.07	0.00	270.00	7223.07	0.00	0.00	442736.03	613396.96	32	12	59.999 N	103	58	0.000 W
7400.00	21.23	270.00	7395.98	0.00	-32.41	442736.03	613364.55	32	13	0.001 N	103	58	0.377 W
7600.00	45.23	270.00	7562.05	0.00	-141.22	442736.03	613255.75	32	13	0.005 N	103	58	1.644 W
7800.00	69.23	270.00	7669.51	0.00	-308.16	442736.03	613088.80	32	13	0.010 N	103	58	3.587 W
7979.00	90.71	270.00	7700.50	0.00	-483.40	442736.03	612913.57	32	13	0.016 N	103	58	5.627 W
7979.40	90.76	270.00	7700.49	0.00	-483.80	442736.03	612913.16	32	13	0.016 N	103	58	5.632 W
8000.00	90.76	270.00	7700.22	0.00	-504.40	442736.03	612892.57	32	13	0.017 N	103	58	5.871 W
8200.00	90.76	270.00	7697.56	0.00	-704.38	442736.03	612692.58	32	13	0.024 N	103	58	8.199 W
8400.00	90.76	270.00	7694.91	0.00	-904.36	442736.03	612492.60	32	13	0.030 N	103	58	10.527 W
8600.00	90.76	270.00	7692.26	0.00	-1104.34	442736.03	612292.62	32	13	0.037 N	103	58	12.855 W
8800.00	90.76	270.00	7689.61	0.00	-1304.32	442736.03	612092.64	32	13	0.044 N	103	58	15.183 W
9000.00	90.76	270.00	7686.95	0.00	-1504.31	442736.03	611892.66	32	13	0.050 N	103	58	17.511 W
9200.00	90.76	270.00	7684.30	0.00	-1704.29	442736.03	611692.67	32	13	0.057 N	103	58	19.838 W
9400.00	90.76	270.00	7681.65	0.00	-1904.27	442736.03	611492.69	32	13	0.064 N	103	58	22.166 W
9600.00	90.76	270.00	7678.99	0.00	-2104.25	442736.03	611292.71	32	13	0.070 N	103	58	24.494 W
9800.00	90.76	270.00	7676.34	0.00	-2304.24	442736.03	611092.73	32	13	0.077 N	103	58	26.822 W
10000.00	90.76	270.00	7673.69	0.00	-2504.22	442736.03	610892.74	32	13	0.084 N	103	58	29.150 W
10200.00	90.76	270.00	7671.04	0.00	-2704.20	442736.03	610692.76	32	13	0.090 N	103	58	31.478 W
10400.00	90.76	270.00	7668.38	0.00	-2904.18	442736.03	610492.78	32	13	0.097 N	103	58	33.806 W
10600.00	90.76	270.00	7665.73	0.00	-3104.17	442736.03	610292.80	32	13	0.103 N	103	58	36.134 W
10800.00	90.76	270.00	7663.08	0.00	-3304.15	442736.03	610092.81	32	13	0.110 N	103	58	38.461 W
11000.00	90.76	270.00	7660.42	0.00	-3504.13	442736.03	609892.83	32	13	0.116 N	103	58	40.789 W
11200.00	90.76	270.00	7657.77	0.00	-3704.11	442736.03	609692.85	32	13	0.123 N	103	58	43.117 W
11400.00	90.76	270.00	7655.12	0.00	-3904.10	442736.03	609492.87	32	13	0.130 N	103	58	45.445 W
11600.00	90.76	270.00	7652.47	0.00	-4104.08	442736.03	609292.88	32	13	0.136 N	103	58	47.773 W
11785.94	90.76	270.00	7650.00	0.00	-4290.00	442736.03	609106.96	32	13	0.142 N	103	58	49.937 W



PathFinder

Planning Report - Geographic

Company: POGO Producing Company	Date: 3/16/2006	Time: 10:37:09	Page: 3
Field: Pierce Crossing-Bone Spring East	Co-ordinate(NE) Reference: Site: H Buck State #10, Grid North		
Site: H Buck State #10	Vertical (TVD) Reference: System: Mean Sea Level		
Well: H-Buck State #10	Section (VS) Reference: Well (0.00N,0.00E,270.00Azi)		
Wellpath: Original Hole	Plan: Plan #1 3-15-06		

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude →			← Longitude →		
							Deg	Min	Sec	Deg	Min	Sec
PBHL H. Buck State #10		7650.00	0.00	-4290.00	442736.03	609106.96	32	13	0.142 N	103	58	49.937 W

Annotation

MD ft	TVD ft	
7223.00	7223.00	KOP @ 7223' MD 7223' TVD
7223.00	7223.00	Begin 12°/100' Build Rate
7979.00	7700.50	Land Curve @ 90.76° Inc. 7979' MD 7700' TVD