

Proposed Well Profile

Client: Pentroc Oil Corporation		Survey Computation Method: Minimum Curvature	
Field: Lea County, NM		DLS Computation Method: Lubinski	
Structure: Pentroc '9' State #1		Vertical Section Azimuth: 165.000°	
Well: Pentroc '9' State #1		Vertical Section Origin: N 0.000 ft, E 0.000 ft	
Borehole: Pentroc '9' State #1		TVD Reference: 4212.0 ft above	
UWI/API#:		Magnetic Declination: 9.741°	
Date: January 07, 2000		Total Field Strength: 48670.061 nT	
Grid Convergence: -0.82171463°		Dip: 58.830°	
Scale Factor: 1.00019550		Declination Date: January 07, 2000	
Location: N 30 59 24.512, W 105 55 44.137		Magnetic Declination Model: BGM 1999	
: N 0.000 ftUS, E 0.000 ftUS		North Reference: True North	
Coordinate System: NAD27 New Mexico State Planes, Eastern Zone, US Feet		Coordinate Reference To: Structure Reference Point	

Station ID	MD (ft)	Incl (°)	Azim (°)	TVD (ft)	VSec (ft)	N/S (ft)	E/W (ft)	Closure (ft)	at Azim (°)	DLS (°/100ft)	TF (°)
Tie-In	8600.00	0.00	165.00	8600.00	0.00	0.00	0.00	0.00	0.00	0.00	165.0MTF
KOP	8680.00	0.00	165.00	8680.00	0.00	0.00	0.00	0.00	0.00	0.00	165.0MTF
	8700.00	11.23	165.00	8699.87	1.95	-1.89	0.51	1.95	165.00	56.13	0.0
	8800.00	67.36	165.00	8774.21	62.78	-60.64	16.25	62.78	165.00	56.13	0.0
EOB #1	8810.06	73.00	165.00	8777.62	72.23	-69.77	18.70	72.23	165.00	56.13	0.0
	9362.00	73.00	165.00	8938.99	600.06	-579.61	155.31	600.06	165.00	0.00	0.0
	9400.00	74.99	165.00	8949.47	636.59	-614.89	164.76	636.59	165.00	5.23	0.0
	9500.00	80.22	165.00	8970.92	734.22	-709.20	190.03	734.22	165.00	5.23	0.0
EOB #2	9556.87	83.20	165.00	8979.12	790.49	-763.56	204.59	790.49	165.00	5.23	0.0
	9769.00	83.20	165.00	9004.24	1001.13	-967.02	259.11	1001.13	165.00	0.00	0.0
	9800.00	84.94	165.00	9007.44	1031.96	-996.80	267.09	1031.96	165.00	5.63	0.0
EOB #3	9809.87	85.50	165.00	9008.26	1041.79	-1006.30	269.64	1041.79	165.00	5.63	0.0
PBHL/TD	10089.00	85.50	165.00	9030.16	1320.07	-1275.09	341.66	1320.07	165.00	0.00	0.0

Survey Program: (No Error Model Selected)