



Client : Comet ridge
Well : Dolly Varden 41-20
Location : FREMONT COUNTY CO
License :
Comment : Actual

UWI #:

Page: 1
Date : 5/7/2010
File : 4019369

Vertical Section Calculated Along Azimuth 184.62°**KB Elevation = 5258.00ft****GR. Elevation = 5247.00ft**

	MD	Inc	Azi	TVD	North	East	V'Sect	D'Leg	Build	Turn
	ft	deg	deg	ft	ft	ft	ft	%100	%100	%100
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	707.00	2.63	140.88	706.75	-12.59	10.24	11.72	0.37	0.37	19.93
2	802.00	2.88	170.50	801.65	-16.63	12.01	15.61	1.50	0.26	31.18
3	898.00	0.38	314.63	897.61	-18.79	12.18	17.75	3.33	-2.60	150.14
4	992.00	0.31	354.63	991.61	-18.32	11.93	17.29	0.26	-0.07	42.55
5	1091.00	0.19	347.50	1090.61	-17.89	11.87	16.87	0.12	-0.12	-7.20
6	1185.00	0.19	62.88	1184.61	-17.67	11.98	16.64	0.25	0.00	80.19
7	1281.00	0.31	83.13	1280.61	-17.56	12.38	16.51	0.15	0.12	21.09
8	1376.00	0.38	112.13	1375.60	-17.65	12.92	16.55	0.20	0.07	30.53
9	1470.00	0.50	267.25	1469.60	-17.79	12.80	16.70	0.91	0.13	165.02
10	1563.00	0.38	255.50	1562.60	-17.88	12.10	16.85	0.16	-0.13	-12.63
11	1656.00	0.38	269.75	1655.60	-17.96	11.49	16.98	0.10	0.00	15.32
12	1750.00	0.06	221.63	1749.60	-18.00	11.15	17.04	0.36	-0.34	-51.19
13	1844.00	0.31	89.25	1843.60	-18.03	11.37	17.06	0.38	0.27	-140.83
14	1937.00	1.06	151.75	1936.59	-18.79	12.03	17.76	1.03	0.81	67.20
15	1968.00	2.00	175.75	1967.58	-19.58	12.20	18.53	3.61	3.03	77.42
16	2002.00	3.56	179.13	2001.54	-21.23	12.26	20.17	4.61	4.59	9.94
17	2033.00	4.31	177.38	2032.47	-23.35	12.33	22.28	2.45	2.42	-5.65
18	2064.00	4.88	178.00	2063.37	-25.83	12.43	24.75	1.85	1.84	2.00
19	2096.00	5.81	179.25	2095.23	-28.81	12.50	27.71	2.93	2.91	3.91
20	2127.00	6.69	180.50	2126.04	-32.19	12.50	31.08	2.87	2.84	4.03
21	2159.00	7.38	182.63	2157.80	-36.11	12.39	34.99	2.30	2.16	6.66
22	2190.00	8.44	182.25	2188.51	-40.37	12.21	39.25	3.42	3.42	-1.23
23	2221.00	9.63	183.63	2219.12	-45.23	11.96	44.12	3.90	3.84	4.45
24	2253.00	10.81	185.38	2250.61	-50.89	11.51	49.80	3.81	3.69	5.47
25	2284.00	11.63	187.75	2281.02	-56.88	10.81	55.82	3.03	2.65	7.65
26	2316.00	12.50	190.25	2312.31	-63.48	9.76	62.49	3.17	2.72	7.81
27	2347.00	13.69	191.63	2342.51	-70.38	8.43	69.47	3.97	3.84	4.45
28	2379.00	14.88	190.75	2373.52	-78.12	6.90	77.31	3.78	3.72	-2.75
29	2410.00	16.06	188.63	2403.39	-86.27	5.51	85.55	4.22	3.81	-6.84
30	2442.00	17.19	187.88	2434.05	-95.33	4.20	94.69	3.59	3.53	-2.34
31	2474.00	18.56	187.50	2464.51	-105.07	2.88	104.49	4.30	4.28	-1.19
32	2506.00	19.81	187.50	2494.73	-115.49	1.51	115.00	3.91	3.91	0.00
33	2537.00	21.00	187.38	2523.79	-126.21	0.11	125.79	3.84	3.84	-0.39
34	2569.00	22.00	187.63	2553.56	-137.84	-1.42	137.50	3.14	3.13	0.78
35	2600.00	22.94	188.75	2582.20	-149.56	-3.11	149.33	3.33	3.03	3.61
36	2631.00	24.25	188.50	2610.61	-161.83	-4.97	161.71	4.24	4.23	-0.81
37	2663.00	25.36	186.81	2639.66	-175.14	-6.75	175.11	4.12	3.47	-5.28
38	2695.00	26.56	184.75	2668.43	-189.07	-8.16	189.11	4.69	3.75	-6.44



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	MD ft	Inc deg	Azi deg	TVD ft	North ft	East ft	V'Sect ft	D'Leg %100	Build %100	Turn %100
39	2725.00	27.63	183.63	2695.14	-202.70	-9.16	202.78	3.95	3.57	-3.73
40	2757.00	28.75	183.13	2723.34	-217.79	-10.05	217.89	3.58	3.50	-1.56
41	2789.00	29.88	183.00	2751.24	-233.43	-10.88	233.55	3.54	3.53	-0.41
42	2821.00	31.19	183.00	2778.81	-249.67	-11.73	249.80	4.09	4.09	0.00
43	2853.00	31.88	184.13	2806.08	-266.37	-12.78	266.54	2.84	2.16	3.53
44	2884.00	33.00	184.38	2832.24	-282.95	-14.01	283.16	3.64	3.61	0.81
45	2916.00	34.06	184.75	2858.92	-300.57	-15.42	300.84	3.37	3.31	1.16
46	2948.00	35.38	184.75	2885.22	-318.74	-16.93	319.07	4.12	4.12	0.00
47	2980.00	36.69	185.00	2911.10	-337.49	-18.53	337.89	4.12	4.09	0.78
48	3015.00	38.25	184.50	2938.87	-358.71	-20.29	359.18	4.54	4.46	-1.43
49	3047.00	39.56	184.38	2963.77	-378.75	-21.84	379.28	4.10	4.09	-0.37
50	3078.00	41.00	183.88	2987.42	-398.74	-23.29	399.32	4.76	4.65	-1.61
51	3110.00	42.63	183.25	3011.27	-420.03	-24.61	420.65	5.26	5.09	-1.97
52	3141.00	44.13	183.50	3033.80	-441.29	-25.86	441.93	4.87	4.84	0.81
53	3173.00	45.94	184.63	3056.42	-463.87	-27.47	464.57	6.18	5.66	3.53
54	3205.00	47.63	184.88	3078.33	-487.11	-29.41	487.89	5.31	5.28	0.78
55	3237.00	49.44	184.75	3099.52	-511.00	-31.42	511.87	5.66	5.66	-0.41
56	3268.00	51.31	184.63	3119.28	-534.80	-33.37	535.75	6.04	6.03	-0.39
57	3300.00	52.81	184.63	3138.96	-559.95	-35.41	560.98	4.69	4.69	0.00
58	3332.00	54.13	184.38	3158.01	-585.59	-37.43	586.70	4.17	4.12	-0.78
59	3364.00	55.31	184.38	3176.49	-611.63	-39.42	612.82	3.69	3.69	0.00
60	3395.00	56.81	184.25	3193.80	-637.28	-41.36	638.54	4.85	4.84	-0.42
61	3427.00	58.00	184.13	3211.03	-664.16	-43.33	665.50	3.73	3.72	-0.37
62	3458.00	59.50	184.13	3227.12	-690.60	-45.24	692.00	4.84	4.84	0.00
63	3490.00	60.88	184.50	3243.02	-718.28	-47.33	719.76	4.43	4.31	1.16
Projected To TD										
64	3550.00	63.30	185.19	3271.11	-771.11	-51.81	772.78	4.16	4.03	1.15

Bottom Hole Closure 772.85ft Along Azimuth 183.84°