



Job Number: 04193

Company: Devon Energy Production Co.

Lease/Well: NEBU #500A

Location: San Juan County, Sec. 20-31N-6W

Rig Name: D&J #1

RKB:

G.L. or M.S.L.: 6391'

State/Country: New Mexico / USA

Declination: 10.88° East

Grid:

File name: C:\CUST04\SURVEYS\DEVON\04193.SVY

Date/Time: 16-Aug-04 / 15:10

Curve Name: As Drilled

30-045-32298

Surface: 1980/N 10/W
BHL: 1095/S 1251/W

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 150.59
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead



Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
306.00	.40	262.70	306.00	-.40	-.14	-1.06	1.07	262.70	.13
391.00	1.60	162.80	390.99	.65	-1.31	-1.00	1.65	217.50	2.02
482.00	4.50	152.30	481.85	5.46	-5.68	1.03	5.78	169.70	3.23
573.00	8.70	149.10	572.23	15.91	-14.75	6.23	16.01	157.11	4.63
664.00	13.70	149.80	661.46	33.58	-29.98	15.19	33.61	153.13	5.50
757.00	18.80	148.50	750.72	59.58	-52.29	28.57	59.59	151.35	5.50
847.00	23.70	148.20	834.57	92.17	-80.05	45.69	92.17	150.28	5.45
940.00	28.70	149.60	917.99	133.19	-115.21	66.85	133.20	149.88	5.42
1033.00	35.00	151.10	996.95	182.24	-157.87	91.06	182.25	150.02	6.83
1123.00	40.30	151.90	1068.19	237.19	-206.17	117.27	237.19	150.37	5.91
1214.00	45.50	151.20	1134.82	299.10	-260.61	146.78	299.10	150.61	5.74
1306.00	51.60	151.60	1195.70	368.02	-321.13	179.77	368.02	150.76	6.64
1402.00	56.90	152.20	1251.77	445.88	-389.84	216.44	445.89	150.96	5.54
1497.00	58.70	152.20	1302.39	526.24	-460.95	253.93	526.26	151.15	1.89
1593.00	59.20	151.00	1351.90	608.47	-533.29	293.05	608.50	151.21	1.19
1688.00	58.90	150.70	1400.76	689.94	-604.44	332.73	689.97	151.17	.42
1784.00	58.80	149.80	1450.42	772.09	-675.77	373.50	772.12	151.07	.81
1879.00	60.00	149.90	1498.78	853.86	-746.48	414.57	853.87	150.95	1.27
1975.00	60.70	149.50	1546.27	937.27	-818.51	456.66	937.28	150.84	.81
2071.00	59.40	151.50	1594.20	1020.45	-890.90	497.63	1020.45	150.81	2.26
2166.00	59.30	151.10	1642.63	1102.17	-962.58	536.87	1102.18	150.85	.38
2261.00	60.40	151.60	1690.34	1184.31	-1034.67	576.26	1184.32	150.88	1.24
2357.00	61.10	151.50	1737.25	1268.05	-1108.32	616.16	1268.08	150.93	.73
2452.00	59.80	151.30	1784.10	1350.69	-1180.87	655.72	1350.72	150.96	1.38
2547.00	59.60	150.70	1832.03	1432.71	-1252.61	695.48	1432.74	150.96	.58

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2643.00	60.10	149.60	1880.25	1515.72	-1324.61	736.80	1515.74	150.92	1.12
2738.00	61.20	149.00	1926.82	1598.50	-1395.81	779.08	1598.51	150.83	1.28
2833.00	61.20	148.60	1972.58	1681.71	-1467.02	822.20	1681.71	150.73	.37
2928.00	60.90	149.30	2018.57	1764.80	-1538.23	865.08	1764.80	150.65	.72
3024.00	60.00	150.70	2065.91	1848.31	-1610.55	906.84	1848.31	150.62	1.58
3120.00	60.00	150.80	2113.91	1931.44	-1683.09	947.46	1931.44	150.62	.09
3215.00	55.30	152.00	2164.73	2011.67	-1753.52	985.89	2011.67	150.65	5.06
3310.00	51.60	150.70	2221.30	2087.96	-1820.49	1022.45	2087.96	150.68	4.05
3405.00	46.80	152.50	2283.36	2159.84	-1883.71	1056.68	2159.84	150.71	5.25
3501.00	41.50	151.20	2352.22	2226.66	-1942.66	1088.18	2226.67	150.74	5.60
3597.00	37.80	149.90	2426.12	2287.91	-1996.00	1118.27	2287.91	150.74	3.95
3692.00	34.00	148.90	2503.06	2343.59	-2043.95	1146.60	2343.59	150.71	4.05
3788.00	29.70	149.70	2584.59	2394.22	-2087.49	1172.48	2394.22	150.68	4.50
3883.00	24.30	150.20	2669.21	2437.33	-2124.80	1194.08	2437.33	150.67	5.69
3979.00	19.00	150.20	2758.40	2472.73	-2155.52	1211.68	2472.74	150.66	5.52
4074.00	14.00	147.30	2849.46	2499.69	-2178.62	1225.58	2499.69	150.64	5.33
4170.00	7.80	148.60	2943.68	2517.81	-2193.97	1235.26	2517.81	150.62	6.46
4233.00	5.40	153.60	3006.26	2525.04	-2200.28	1238.80	2525.04	150.62	3.91
Projected to Bit									
4295.00	5.40	153.60	3067.99	2530.87	-2205.50	1241.40	2530.87	150.63	.00