



Job Number: 04170

State/Country: New Mexico / USA

Company: Devon Energy Production Co.

Declination: 10.92° East

Lease/Well: NEBU #306E

Grid: □

Location: San Juan County, Sec. 26-31N-7W File name: C:\WINSERVE\04170.SVY

Rig Name: D&J #1

Date/Time: 07-May-04 / 07:27

RKB: □

Curve Name: As Drilled

G.L. or M.S.L.: 6276'

30-045-32278

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane .00
 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
302.00	.70	205.00	301.99	-1.67	-1.67	-.78	1.84	205.00	.23
394.00	1.20	358.40	393.99	-1.22	-1.22	-1.04	1.60	220.60	2.01
485.00	3.40	355.70	484.91	2.43	2.43	-1.27	2.74	332.31	2.42
576.00	6.90	.60	575.53	10.58	10.58	-1.42	10.68	352.37	3.87
668.00	8.40	1.00	666.71	22.83	22.83	-1.24	22.86	356.88	1.63
761.00	8.70	1.40	758.67	36.65	36.65	-.95	36.67	358.51	.33
855.00	9.30	1.40	851.51	51.35	51.35	-.59	51.36	359.34	.64
950.00	7.80	358.70	945.46	65.47	65.47	-.55	65.48	359.52	1.63
1045.00	8.30	359.90	1039.52	78.78	78.78	-.71	78.78	359.48	.56
1139.00	7.50	1.40	1132.63	91.69	91.69	-.57	91.70	359.64	.88
1234.00	7.00	357.90	1226.87	103.68	103.68	-.63	103.68	359.65	.70
1328.00	6.90	356.90	1320.18	115.04	115.04	-1.15	115.04	359.43	.17
1420.00	7.40	.80	1411.46	126.48	126.48	-1.36	126.49	359.38	.76
1514.00	7.40	1.80	1504.68	138.58	138.58	-1.09	138.59	359.55	.14
1606.00	7.30	1.90	1595.92	150.35	150.35	-.71	150.35	359.73	.11
1700.00	7.80	357.20	1689.11	162.69	162.69	-.82	162.69	359.71	.84
1792.00	8.10	355.80	1780.22	175.39	175.39	-1.60	175.39	359.48	.39
1886.00	8.00	358.70	1873.30	188.53	188.53	-2.24	188.54	359.32	.44
1980.00	7.60	359.20	1966.43	201.29	201.29	-2.47	201.30	359.30	.43
2074.00	7.40	359.80	2059.62	213.56	213.56	-2.58	213.57	359.31	.23
2169.00	8.00	.20	2153.77	226.28	226.28	-2.58	226.30	359.35	.63

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	Vertical Section FT	N-S FT	E-W FT	CLOSURE		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
2263.00	8.20	.10	2246.83	239.53	239.53	-2.54	239.54	359.39	.21
2358.00	7.60	1.20	2340.93	252.58	252.58	-2.40	252.60	359.46	.65
2452.00	7.80	1.80	2434.08	265.17	265.17	-2.07	265.18	359.55	.23
2544.00	7.40	.50	2525.27	277.34	277.34	-1.82	277.34	359.62	.47
2639.00	7.30	.00	2619.49	289.49	289.49	-1.77	289.50	359.65	.12
2733.00	7.20	358.70	2712.74	301.35	301.35	-1.90	301.36	359.64	.20
2827.00	6.60	1.10	2806.06	312.64	312.64	-1.93	312.65	359.65	.71
2920.00	7.20	.80	2898.38	323.81	323.81	-1.75	323.82	359.69	.65
3014.00	7.80	.80	2991.58	336.08	336.08	-1.58	336.09	359.73	.64
3109.00	7.10	1.40	3085.78	348.40	348.40	-1.34	348.40	359.78	.74
3201.00	8.30	.90	3176.95	360.72	360.72	-1.10	360.72	359.83	1.31
3293.00	8.60	3.90	3267.95	374.22	374.22	-.53	374.22	359.92	.58
3387.00	6.70	359.60	3361.11	386.72	386.72	-.09	386.72	359.99	2.11
3449.00	5.80	357.30	3422.74	393.47	393.47	-.26	393.47	359.96	1.51

Proj 3500 5.40 357.30 3473.48

27' off record