

Actual + Final

30-045-32297



Job Number: 04176

State/Country: New Mexico

Company: Devon Energy Corporation

Declination: 10.92 East

Lease/Well: NEBU # 334

Grid: □

Location: San Juan County

File name: C:\WINSERVE\04176.SVY

Rig Name: D & J #1

Date/Time: 03-Jun-04 / 08:09

RKB: □

Curve Name: As Drilled

G.L. or M.S.L.: □

Surface 965'N 1080'E
 BHL 951'N 1798'E

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 271.19
 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
310.00	.50	48.80	310.00	-1.00	.89	1.02	1.35	48.80	.16
394.00	1.40	313.50	393.99	-.51	1.84	.55	1.92	16.63	1.82
484.00	4.10	296.30	483.88	3.22	4.02	-3.13	5.10	322.08	3.10
576.00	6.40	281.00	575.49	11.25	6.46	-11.12	12.86	300.15	2.91
667.00	8.90	271.00	665.68	23.29	7.55	-23.14	24.34	288.07	3.10
761.00	12.40	270.60	758.04	40.66	7.78	-40.50	41.24	280.87	3.72
858.00	15.50	269.30	852.17	64.03	7.73	-63.88	64.35	276.90	3.21
952.00	16.10	267.10	942.62	89.58	6.92	-89.46	89.73	274.42	.90
1046.00	16.60	267.00	1032.82	115.98	5.56	-115.89	116.02	272.75	.53
1141.00	16.40	269.40	1123.91	142.92	4.71	-142.85	142.93	271.89	.75
1234.00	16.80	270.50	1213.03	169.48	4.69	-169.42	169.48	271.58	.55
1327.00	15.50	272.70	1302.36	195.34	5.39	-195.27	195.34	271.58	1.54
1422.00	15.70	272.40	1393.86	220.88	6.52	-220.79	220.89	271.69	.23
1517.00	16.40	272.20	1485.16	247.14	7.58	-247.04	247.15	271.76	.74
1609.00	16.60	271.70	1573.37	273.27	8.47	-273.15	273.28	271.78	.27
1702.00	15.20	271.40	1662.81	298.74	9.16	-298.62	298.76	271.76	1.51
1797.00	15.80	271.10	1754.35	324.13	9.71	-324.00	324.15	271.72	.64
1891.00	16.30	270.80	1844.69	350.12	10.14	-349.99	350.13	271.66	.54
1985.00	16.90	269.90	1934.77	376.97	10.30	-376.84	376.98	271.57	.69
2079.00	16.20	268.20	2024.87	403.73	9.87	-403.61	403.73	271.40	.91
2174.00	15.20	272.10	2116.33	429.41	9.91	-429.30	429.41	271.32	1.53

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	
2268.00	15.70	272.10	2206.93	454.45	10.82	-454.32	454.45	271.36	.53
2361.00	16.70	271.60	2296.24	480.40	11.66	-480.26	480.40	271.39	1.09
2454.00	15.40	268.40	2385.62	506.09	11.69	-505.96	506.09	271.32	1.69
2547.00	15.30	270.00	2475.30	530.69	11.34	-530.57	530.69	271.22	.47
2641.00	14.90	268.40	2566.05	555.16	11.00	-555.06	555.16	271.14	.61
2735.00	14.40	270.60	2657.00	578.92	10.79	-578.82	578.93	271.07	.80
2827.00	14.00	273.00	2746.19	601.49	11.49	-601.38	601.49	271.09	.77
2922.00	13.90	273.10	2838.38	624.38	12.71	-624.25	624.38	271.17	.11
3016.00	13.90	271.60	2929.63	646.95	13.63	-646.81	646.95	271.21	.38
3110.00	12.70	271.30	3021.11	668.58	14.18	-668.42	668.58	271.22	1.28
3205.00	9.30	262.30	3114.36	686.61	13.39	-686.48	686.61	271.12	4.00
3299.00	8.00	265.50	3207.29	700.62	11.86	-700.53	700.63	270.97	1.47
3393.00	5.30	281.50	3300.65	711.41	12.21	-711.30	711.41	270.98	3.46
3487.00	2.30	281.50	3394.44	717.53	13.46	-717.41	717.54	271.07	3.19
3519.00	1.20	275.70	3426.42	718.50	13.62	-718.37	718.50	271.09	3.48

Projection To T.D.

3575.00	.20	275.70	3482.42	719.18	13.69	-719.05	719.18	271.09	1.79
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93' Correction.