

30-045-33139



Job Number:
Company: Devon Energy
Lease/Well: NEBU 237
Location: San Juan County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: New Mexico
Declination:
Grid:
File name: C:\CUST05\SURVEYS\TEMP\05187.SVY
Date/Time: 11-Jul-05 / 08:18
Curve Name: As Drilled

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 321.41
Vertical Section Referenced to Wellhead
Rectangular Coordinates Referenced to Wellhead

Surface: 925/8 1205/E
BHL 1421/3 1614/E

ff

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	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
359.00	2.60	311.20	358.88	8.02	5.36	-6.13	8.14	311.20	.72
452.00	5.90	319.20	451.61	14.87	10.37	-10.84	15.00	313.74	3.60
547.00	7.40	323.60	545.97	25.86	18.99	-17.66	25.94	317.08	1.67
641.00	9.60	322.40	638.93	39.75	30.08	-26.04	39.78	319.12	2.35
734.00	10.70	319.80	730.47	56.13	42.82	-36.34	56.16	319.68	1.28
829.00	14.20	322.10	823.23	76.61	58.75	-49.19	76.63	320.06	3.72
923.00	16.20	323.50	913.93	101.24	78.39	-64.08	101.25	320.74	2.16
1014.00	17.80	321.10	1000.95	127.84	99.42	-80.36	127.84	321.05	1.92
1107.00	19.10	321.30	1089.17	157.27	122.36	-98.81	157.27	321.08	1.40
1201.00	18.90	320.90	1178.05	187.87	146.18	-118.02	187.88	321.08	.25
1295.00	20.20	320.10	1266.63	219.32	170.44	-138.04	219.33	321.00	1.41
1388.00	20.50	327.20	1353.84	251.58	196.46	-157.16	251.58	321.34	2.67
1481.00	20.40	321.70	1440.99	284.00	222.87	-176.03	284.00	321.70	2.07
1544.00	19.10	325.90	1500.28	305.25	240.02	-188.61	305.26	321.84	3.05
1669.00	19.00	322.90	1618.44	345.98	273.18	-212.35	346.01	322.14	.79
1763.00	18.50	319.40	1707.45	376.19	296.71	-231.29	376.21	322.06	1.31
1857.00	18.30	318.60	1796.65	405.83	319.11	-250.75	405.84	321.84	.34
1951.00	18.30	320.40	1885.89	435.32	341.55	-269.92	435.33	321.68	.60
2046.00	19.50	320.20	1975.77	466.09	365.22	-289.58	466.09	321.59	1.26
2140.00	19.00	320.00	2064.52	497.07	389.00	-309.46	497.07	321.50	.54

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	
2232.00	18.50	321.00	2151.63	526.64	411.81	-328.27	526.64	321.44	.65
2327.00	16.80	321.30	2242.16	555.44	434.24	-346.34	555.44	321.43	1.79
2418.00	13.50	322.90	2329.98	579.22	452.98	-360.97	579.22	321.45	3.66
2512.00	10.40	321.20	2421.93	598.68	468.35	-372.91	598.68	321.47	3.32
2604.00	8.70	321.40	2512.66	613.94	480.26	-382.46	613.94	321.47	1.85
2699.00	5.80	321.30	2606.89	625.93	489.62	-389.94	625.93	321.47	3.05
2792.00	3.00	308.40	2699.61	633.00	494.80	-394.79	633.00	321.41	3.17
2885.00	.50	248.60	2792.56	635.49	496.17	-397.07	635.49	321.33	2.99
2978.00	.70	271.00	2885.55	635.97	496.03	-398.02	635.97	321.26	.33
3070.00	.70	277.70	2977.55	636.74	496.11	-399.14	636.74	321.18	.09
3164.00	.90	272.80	3071.54	637.64	496.23	-400.44	637.65	321.10	.22
3257.00	.90	278.10	3164.53	638.65	496.37	-401.90	638.67	321.00	.09
3351.00	1.30	269.80	3258.51	639.85	496.47	-403.69	639.88	320.88	.46
3445.00	1.30	267.70	3352.48	641.15	496.42	-405.83	641.19	320.73	.05
3539.00	1.20	263.10	3446.46	642.30	496.26	-407.87	642.36	320.58	.15
3583.00	1.20	263.10	3490.45	642.78	496.15	-408.78	642.86	320.51	.00

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