

30-045-33007



Job Number: 05177
 Company: Devon Energy
 Lease/Well: NEBU 428A
 Location: San Juan County
 Rig Name: DJ #1
 RKB:
 G.L. or M.S.L.:

State/Country: New Mexico
 Declination:
 Grid:
 File name: C:\CUST05\SURVEYS\DEVON\05177.SVY
 Date/Time: 14-Jul-05 / 09:05
 Curve Name: As Drilled

Surface 1870/S 750/E
 B/L 1347/S 1352/E

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 229.09
 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	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
293.00	2.20	150.80	292.93	1.14	-4.91	2.74	5.62	150.80	.75
381.00	4.40	194.30	380.79	4.26	-9.66	2.73	10.04	164.19	3.62
471.00	9.00	207.00	470.15	13.62	-19.28	-1.32	19.32	183.91	5.34
562.00	14.20	217.00	559.27	31.14	-34.55	-11.27	36.34	198.07	6.11
655.00	18.20	226.90	648.58	56.83	-53.59	-28.75	60.82	208.21	5.21
750.00	18.10	227.40	738.85	86.40	-73.72	-50.45	89.33	214.39	.19
844.00	20.30	229.80	827.62	117.31	-94.13	-73.65	119.52	218.04	2.49
938.00	20.80	229.80	915.64	150.30	-115.43	-98.86	151.97	220.58	.53
1032.00	20.30	234.10	1003.66	183.23	-135.76	-124.81	184.42	222.59	1.69
1125.00	18.80	231.40	1091.30	214.28	-154.57	-149.60	215.11	224.06	1.88
1220.00	19.60	231.20	1181.01	245.50	-174.11	-173.98	246.13	224.98	.84
1313.00	18.30	232.60	1268.97	275.66	-192.75	-197.73	276.14	225.73	1.48
1405.00	18.10	232.70	1356.37	304.34	-210.18	-220.58	304.68	226.38	.22
1498.00	18.20	232.80	1444.74	333.25	-227.72	-243.64	333.49	226.93	.11
1591.00	17.90	233.20	1533.17	362.00	-245.06	-266.65	362.16	227.42	.35
1681.00	18.20	232.20	1618.74	389.83	-261.96	-288.83	389.93	227.79	.48
1774.00	18.40	232.20	1707.03	418.99	-279.86	-311.90	419.05	228.10	.22
1867.00	18.70	231.80	1795.20	448.54	-298.07	-335.22	448.57	228.36	.35
1961.00	18.70	232.70	1884.24	478.63	-316.52	-359.05	478.65	228.60	.31
2055.00	18.70	230.40	1973.28	508.73	-335.26	-382.64	508.74	228.78	.78

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	
2149.00	19.30	229.80	2062.16	539.33	-354.89	-406.12	539.34	228.85	.67
2240.00	18.90	229.00	2148.15	569.11	-374.27	-428.73	569.11	228.88	.53
2334.00	20.10	227.80	2236.75	600.48	-395.11	-452.19	600.48	228.85	1.35
2428.00	19.80	229.20	2325.11	632.55	-416.36	-476.20	632.55	228.84	.60
2522.00	20.00	229.00	2413.50	664.54	-437.31	-500.39	664.55	228.85	.22
2613.00	20.00	228.70	2499.01	695.67	-457.79	-523.82	695.67	228.85	.11
2706.00	19.50	227.60	2586.54	727.09	-478.75	-547.23	727.10	228.82	.67
2800.00	16.50	229.10	2675.93	756.13	-498.08	-568.91	756.14	228.80	3.23
2893.00	10.90	232.50	2766.25	778.13	-512.09	-585.89	778.14	228.85	6.08
2987.00	4.70	242.10	2859.34	790.77	-519.31	-596.35	790.77	228.95	6.72
3081.00	.40	242.80	2953.22	794.84	-521.26	-600.05	794.84	229.02	4.57
3176.00	.60	240.40	3048.22	795.65	-521.66	-600.78	795.65	229.03	.21
3269.00	.60	216.10	3141.22	796.60	-522.29	-601.49	796.60	229.03	.27
Projected to TD									
3330.00	.60	216.10	3202.21	797.22	-522.81	-601.86	797.22	229.02	.00