

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 780/E
B/L 1347/S 1351/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

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