

30-045-33665



Job Number: 06194
 Company: Devon Energy
 Lease/Well: NEBU 321 N
 Location: San Juan County
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: NM
 Declination:
 Grid:
 File name: C:\DATA\CUST06\SURVEYS\DEVON\06194.SVY
 Date/Time: 22-May-06 / 09:50
 Curve Name: As Drilled

Surface 1390/S 780/E
 BHL 2501/S 401/E
 Inwell Inc.

TVD 3861
 MD 3760

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WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 4.53
 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		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
304.00	.70	225.90	303.99	-1.39	-1.29	-1.33	1.86	225.90	.23
394.00	.70	7.20	393.99	-1.26	-1.13	-1.66	2.01	235.76	1.47
483.00	2.80	21.40	482.94	1.37	1.43	-.80	1.64	330.91	2.39
576.00	6.10	17.10	575.65	8.37	8.27	1.48	8.41	10.17	3.56
671.00	9.30	15.00	669.78	20.84	20.52	4.96	21.11	13.58	3.38
764.00	11.60	8.10	761.24	37.57	37.03	8.22	37.94	12.51	2.81
856.00	14.50	2.30	850.86	58.31	57.71	9.99	58.56	9.82	3.45
947.00	16.90	3.40	938.45	82.93	82.30	11.23	83.06	7.77	2.66
1040.00	21.10	4.60	1026.37	113.19	112.49	13.37	113.28	6.78	4.54
1133.00	24.10	3.10	1112.22	148.92	148.14	15.74	148.98	6.07	3.28
1225.00	26.50	2.30	1195.39	188.22	187.41	17.58	188.24	5.36	2.63
1320.00	26.60	1.60	1280.37	230.64	229.85	19.03	230.64	4.73	.35
1414.00	25.90	2.80	1364.67	272.17	271.39	20.62	272.18	4.34	.93
1508.00	25.90	2.20	1449.23	313.21	312.41	22.41	313.22	4.10	.28
1602.00	26.40	3.10	1533.61	354.61	353.80	24.33	354.63	3.93	.68
1693.00	26.50	3.30	1615.09	395.13	394.26	26.59	395.16	3.86	.15
1784.00	26.30	5.10	1696.60	435.59	434.61	29.55	435.62	3.89	.91
1879.00	26.90	4.20	1781.54	478.13	477.01	32.99	478.15	3.96	.76
1973.00	27.20	5.60	1865.26	520.87	519.60	36.65	520.89	4.03	.75
2065.00	26.30	4.40	1947.41	562.28	560.85	40.26	562.29	4.11	1.14
2159.00	26.00	6.80	2031.79	603.69	602.07	44.30	603.70	4.21	1.17
2252.00	26.40	5.60	2115.24	644.73	642.89	48.73	644.73	4.33	.71
2345.00	25.90	7.10	2198.72	685.69	683.62	53.26	685.69	4.45	.89
2440.00	25.90	5.80	2284.18	727.16	724.85	57.92	727.16	4.57	.60

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	
2535.00	24.50	4.90	2370.14	767.61	765.12	61.70	767.61	4.61	1.53
2628.00	23.00	4.80	2455.26	805.06	802.44	64.87	805.06	4.62	1.61
2722.00	21.20	3.60	2542.35	840.42	837.71	67.47	840.42	4.60	1.97
2816.00	19.40	3.30	2630.51	873.03	870.26	69.44	873.03	4.56	1.92
2910.00	16.80	2.80	2719.85	902.22	899.42	71.00	902.22	4.51	2.77
3005.00	13.50	4.60	2811.53	927.04	924.19	72.56	927.04	4.49	3.51
3099.00	10.70	4.90	2903.44	946.74	943.83	74.19	946.74	4.49	2.98
3190.00	8.90	6.80	2993.11	962.22	959.23	75.74	962.22	4.51	2.01
3284.00	6.40	2.10	3086.26	974.72	971.69	76.80	974.72	4.52	2.74
3378.00	5.30	359.10	3179.77	984.28	981.27	76.92	984.28	4.48	1.21
3469.00	4.70	1.60	3270.42	992.19	989.20	76.96	992.19	4.45	.70
3563.00	4.40	1.90	3364.13	999.63	996.65	77.18	999.64	4.43	.32
3655.00	4.10	8.60	3455.88	1006.44	1003.43	77.79	1006.44	4.43	.63
3716.00	4.20	11.00	3516.72	1010.83	1007.78	78.55	1010.84	4.46	.33
Projected to TD									
3760.00	4.20	11.00	3560.60	1014.04	1010.94	79.16	1014.04	4.48	.00

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