



Job Number:
Company: Devon Energy
Lease/Well: NEBU 49M
Location: San Juan County
Rig Name:
RKB:
G.L. or M.S.L.:

State/Country: New Mexico
Declination:
Grid:
File name: C:\DATA\CUST05\SURVEYS\TEMP\05214.SVY
Date/Time: 27-Sep-05 / 10:42
Curve Name: As Drilled

30-045-33305

Surface 2450/N 2/E
BHL 2009/6860/E

Inwell Inc.

WINSERVE SURVEY CALCULATIONS
Minimum Curvature Method
Vertical Section Plane 225.94
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
297.00	1.10	216.80	296.98	2.81	-2.28	-1.71	2.85	216.80	.37
390.00	2.50	214.50	389.93	5.68	-4.67	-3.39	5.77	215.99	1.51
479.00	5.70	226.90	478.70	12.01	-9.29	-7.72	12.08	219.72	3.71
568.00	9.20	230.10	566.93	23.53	-16.88	-16.41	23.54	224.19	3.96
661.00	13.00	227.40	658.18	41.40	-28.73	-29.82	41.40	226.06	4.12
758.00	17.00	224.90	751.85	66.50	-46.17	-47.86	66.50	226.03	4.18
850.00	19.30	224.80	839.27	95.15	-66.48	-68.07	95.15	225.68	2.50
944.00	20.10	224.30	927.77	126.83	-89.07	-90.30	126.83	225.39	.87
1039.00	19.20	226.00	1017.23	158.77	-111.60	-112.94	158.78	225.34	1.12
1133.00	18.40	225.60	1106.22	189.06	-132.72	-134.66	189.07	225.42	.86
1225.00	16.90	227.80	1193.89	216.95	-151.86	-154.94	216.95	225.57	1.78
1317.00	17.00	226.20	1281.89	243.76	-170.15	-174.55	243.76	225.73	.52
1412.00	17.30	226.30	1372.67	271.77	-189.52	-194.79	271.77	225.78	.32
1506.00	17.70	225.50	1462.31	300.04	-209.20	-215.08	300.04	225.80	.50
1600.00	17.80	230.90	1551.85	328.64	-228.27	-236.43	328.64	226.01	1.75
1694.00	18.50	230.90	1641.17	357.82	-246.74	-259.15	357.83	226.41	.74
1787.00	17.50	229.40	1729.62	386.47	-265.15	-281.22	386.51	226.68	1.19
1882.00	18.00	229.30	1820.09	415.38	-284.01	-303.19	415.44	226.87	.53
1975.00	18.60	225.60	1908.39	444.56	-303.76	-324.68	444.62	226.91	1.41

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	
2068.00	18.20	226.10	1996.64	473.92	-324.21	-345.75	473.97	226.84	.46
2160.00	17.50	222.60	2084.21	502.09	-344.36	-365.46	502.14	226.70	1.39
2255.00	17.60	227.30	2174.79	530.71	-364.61	-385.69	530.75	226.61	1.50
2348.00	18.70	224.40	2263.17	559.67	-384.80	-406.45	559.71	226.57	1.53
2440.00	19.20	225.20	2350.18	589.54	-406.00	-427.50	589.57	226.48	.61
2533.00	18.60	224.70	2438.17	619.66	-427.31	-448.79	619.68	226.40	.67
2670.00	17.60	224.00	2568.39	662.21	-457.74	-478.55	662.22	226.27	.75
2722.00	17.80	222.80	2617.92	678.00	-469.23	-489.41	678.01	226.21	.80
2815.00	18.00	224.00	2706.42	706.56	-490.00	-509.05	706.56	226.09	.45
2908.00	18.00	226.50	2794.87	735.29	-510.22	-529.45	735.29	226.06	.83
3002.00	18.40	226.10	2884.17	764.64	-530.51	-550.68	764.65	226.07	.45
3094.00	18.50	225.20	2971.44	793.76	-550.86	-571.50	793.76	226.05	.33
3189.00	17.50	227.30	3061.79	823.11	-571.17	-592.69	823.11	226.06	1.25
3282.00	17.80	228.00	3150.41	851.30	-590.16	-613.53	851.30	226.11	.40
3375.00	18.50	226.20	3238.79	880.26	-609.89	-634.74	880.26	226.14	.96
3469.00	19.10	224.40	3327.77	910.54	-631.20	-656.27	910.55	226.12	.89
3562.00	17.80	225.40	3415.99	939.97	-652.05	-677.03	939.97	226.08	1.44
3655.00	17.20	226.50	3504.69	967.93	-671.50	-697.13	967.94	226.07	.74
3750.00	16.80	226.00	3595.53	995.71	-690.70	-717.19	995.71	226.08	.45
3844.00	16.40	227.30	3685.62	1022.56	-709.14	-736.72	1022.56	226.09	.58
3937.00	16.80	226.10	3774.74	1049.12	-727.36	-756.05	1049.13	226.11	.57
4030.00	17.10	226.40	3863.70	1076.24	-746.11	-775.64	1076.24	226.11	.34
4125.00	17.20	224.90	3954.48	1104.25	-765.69	-795.67	1104.25	226.10	.48
4219.00	17.70	225.80	4044.15	1132.43	-785.50	-815.72	1132.44	226.08	.60
4313.00	14.30	225.60	4134.50	1158.34	-803.59	-834.27	1158.34	226.07	3.62
4400.00	10.50	225.40	4219.45	1177.02	-816.68	-847.59	1177.02	226.06	4.37
Projected to TD									
4435.00	9.06	225.40	4253.94	1182.96	-820.85	-851.83	1182.96	226.06	4.11

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