



Job Number: 05222
 Company: Devon Energy
 Lease/Well: NEBU 236.
 Location: San Juan County
 Rig Name:
 RKB:
 G.L. or M.S.L.:

State/Country: NM
 Declination:
 Grid:
 File name: C:\DATA\CUST05\SURVEYS\TEMP\05222.SVY
 Date/Time: 17-Oct-05 / 07:34
 Curve Name: As Drilled

30-045-33265

Surface 620/S 630/W Sec 24 31N7W
 B/LC 516/N 14500/W Sec 25
 inwell Inc.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 145.96
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead



HOLD C194 FOR NSL

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
354.00	1.80	130.20	353.94	5.35	-3.59	4.25	5.56	130.20	.51
448.00	4.40	144.00	447.80	10.38	-7.46	7.49	10.57	134.87	2.86
542.00	7.10	146.60	541.32	19.79	-15.23	12.81	19.90	139.92	2.88
636.00	11.00	145.30	634.13	34.57	-27.46	21.12	34.64	142.43	4.15
730.00	14.20	146.20	725.85	55.08	-44.41	32.64	55.12	143.69	3.41
824.00	18.60	146.30	816.01	81.61	-66.48	47.38	81.63	144.52	4.68
918.00	22.10	147.20	904.13	114.29	-93.82	65.28	114.30	145.17	3.74
1011.00	26.20	146.50	988.97	152.32	-125.66	86.10	152.33	145.58	4.42
1104.00	29.50	147.00	1071.18	195.76	-161.99	109.91	195.76	145.84	3.56
1197.00	33.90	147.30	1150.29	244.60	-203.04	136.40	244.61	146.11	4.73
1291.00	38.20	147.00	1226.27	299.90	-249.50	166.41	299.90	146.30	4.58
1385.00	42.00	146.50	1298.16	360.43	-300.12	199.61	360.44	146.37	4.06
1479.00	45.90	146.00	1365.82	425.65	-354.35	235.86	425.66	146.35	4.17
1571.00	47.00	146.00	1429.21	492.33	-409.63	273.14	492.34	146.30	1.20
1665.00	46.70	145.80	1493.50	560.91	-466.41	311.59	560.92	146.25	.35
1757.00	46.40	145.50	1556.77	627.70	-521.56	349.27	627.70	146.19	.40
1850.00	47.70	145.30	1620.13	695.77	-577.58	387.93	695.77	146.11	1.41
1942.00	46.30	147.10	1682.88	763.04	-633.48	425.36	763.05	146.12	2.09
2036.00	46.20	146.70	1747.88	830.94	-690.37	462.45	830.94	146.18	.33

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	
2130.00	45.30	146.50	1813.47	898.26	-746.58	499.51	898.27	146.21	.97
2222.00	45.10	145.70	1878.30	963.54	-800.76	535.92	963.55	146.21	.65
2317.00	42.70	146.50	1946.75	1029.41	-855.43	572.66	1029.42	146.20	2.59
2411.00	37.80	146.40	2018.47	1090.12	-906.03	606.22	1090.13	146.21	5.21
2504.00	32.70	144.50	2094.39	1143.77	-950.25	636.60	1143.78	146.18	5.61
2596.00	29.00	144.70	2173.36	1190.93	-988.70	663.93	1190.93	146.12	4.02
2690.00	25.10	144.10	2257.06	1233.65	-1023.46	688.79	1233.65	146.06	4.16
2782.00	21.20	141.80	2341.64	1269.76	-1052.35	710.53	1269.76	145.97	4.35
2875.00	18.60	145.20	2429.08	1301.37	-1077.75	729.40	1301.37	145.91	3.06
2968.00	14.70	147.10	2518.17	1328.01	-1099.84	744.28	1328.01	145.91	4.23
3061.00	10.40	147.90	2608.92	1348.20	-1116.87	755.15	1348.20	145.94	4.63
3155.00	7.00	147.10	2701.83	1362.41	-1128.87	762.78	1362.41	145.95	3.62
3249.00	3.60	146.90	2795.41	1371.09	-1136.15	767.50	1371.09	145.96	3.62
3342.00	.60	168.70	2888.34	1374.46	-1139.08	769.19	1374.46	145.97	3.28
3436.00	.70	146.90	2982.34	1375.49	-1140.04	769.60	1375.49	145.98	.28
3530.00	.80	116.90	3076.33	1376.64	-1140.82	770.50	1376.64	145.97	.43
3623.00	.30	253.90	3169.33	1377.13	-1141.18	770.84	1377.13	145.96	1.12
3717.00	.80	194.50	3263.32	1377.49	-1141.88	770.44	1377.49	145.99	.74
3810.00	1.20	177.60	3356.31	1378.75	-1143.48	770.32	1378.75	146.03	.53
3904.00	.90	187.50	3450.29	1380.14	-1145.20	770.27	1380.14	146.08	.37
3969.00	.90	190.80	3515.28	1380.88	-1146.21	770.10	1380.89	146.10	.08
Projected to Bit									
4007.00	.90	190.80	3553.28	1381.31	-1146.79	769.99	1381.31	146.12	.00

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