



Job Number: 05207
 Company: Devon Energy
 Lease/Well: NEBU 454A
 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\DEVON\05207.SVY
 Date/Time: 02-Nov-05 / 15:12
 Curve Name: As Drilled

30-045-33195

Surface: 905/S 2145/E
 BHL 1006/S 999/E

INWELL INC

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 85.26
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead



RF

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
357.00	1.60	176.40	356.95	-.10	-4.97	.31	4.98	176.40	.45
447.00	4.00	93.10	446.87	2.99	-6.40	3.53	7.31	151.13	4.59
539.00	9.30	84.20	538.22	13.61	-5.82	14.14	15.29	112.38	5.85
632.00	14.80	84.30	629.13	33.01	-3.88	33.45	33.67	96.62	5.91
728.00	19.00	85.80	720.97	60.91	-1.52	61.24	61.26	91.42	4.40
823.00	23.40	85.70	809.51	95.25	1.03	95.50	95.50	89.38	4.63
916.00	28.40	84.00	893.15	135.86	4.73	135.93	136.01	88.01	5.43
1009.00	32.70	83.50	973.22	183.10	9.89	182.91	183.18	86.91	4.63
1103.00	34.00	83.70	1051.74	234.76	15.65	234.26	234.79	86.18	1.39
1196.00	34.70	84.40	1128.52	287.22	21.08	286.45	287.23	85.79	.86
1290.00	34.80	82.40	1205.76	340.76	27.24	339.67	340.76	85.41	1.22
1382.00	34.40	84.50	1281.49	392.97	33.21	391.57	392.97	85.15	1.37
1475.00	35.10	85.90	1357.90	445.98	37.64	444.39	445.98	85.16	1.14
1569.00	34.80	85.20	1434.95	499.82	41.81	498.07	499.82	85.20	.53
1660.00	34.50	84.00	1509.81	551.56	46.68	549.58	551.56	85.15	.82
1754.00	34.80	85.30	1587.14	605.00	51.66	602.79	605.00	85.10	.85
1848.00	35.20	86.90	1664.14	658.90	55.32	656.58	658.90	85.18	1.06
1942.00	34.20	85.70	1741.42	712.40	58.77	709.98	712.40	85.27	1.29
2034.00	34.20	85.70	1817.52	764.11	62.65	761.54	764.11	85.30	.00

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	
2128.00	33.70	85.40	1895.49	816.61	66.72	813.88	816.61	85.31	.56
2220.00	34.40	84.50	1971.72	868.12	71.26	865.19	868.12	85.29	.94
2313.00	34.30	84.20	2048.50	920.59	76.42	917.41	920.59	85.24	.21
2406.00	31.40	85.60	2126.62	971.02	80.93	967.65	971.02	85.22	3.22
2500.00	28.00	85.20	2208.26	1017.59	84.66	1014.06	1017.59	85.23	3.62
2592.00	24.70	84.30	2290.69	1058.42	88.37	1054.72	1058.42	85.21	3.61
2694.00	19.30	88.00	2385.23	1096.59	91.08	1092.80	1096.59	85.24	5.46
2776.00	13.70	85.70	2463.82	1119.86	92.28	1116.05	1119.86	85.27	6.87
2870.00	8.90	86.90	2555.98	1138.27	93.51	1134.42	1138.27	85.29	5.11
2964.00	3.60	75.80	2649.39	1148.45	94.63	1144.55	1148.45	85.27	5.76
3058.00	.20	344.30	2743.32	1151.33	95.51	1147.37	1151.33	85.24	3.84
3152.00	.60	347.60	2837.32	1151.24	96.15	1147.22	1151.24	85.21	.43
3225.00	.60	347.60	2910.32	1151.14	96.90	1147.05	1151.14	85.17	.00
Projected to TD									
3627.00	.60	347.60	3312.30	1150.57	101.01	1146.15	1150.59	84.96	.00

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