

TENSOR INCORPORATED
 Company: COLLINS AND WARE
 Declination: 0.00
 Filename: CWI

Section Plane: 0.00
 Time: 12:00
 Depth Units: FEET

Calculation Method - Minimum Curvature

**** RECORD OF SURVEY ****

Measured Depth	Inc (deg)	Azimuth (deg)	TVD	T O T A L Rec Coordinates		Vertical Section	Dogleg Severity	D.S.
3000.0	1.30	341.00	2998.6	27.6N	67.6W	27.6	0.41	*GM
3100.0	1.63	348.00	3098.6	30.1N	68.3W	30.1	0.37	*GM
3200.0	2.30	5.00	3198.5	33.5N	68.4W	33.5	0.88	*GM
3300.0	2.38	1.00	3298.4	37.6N	68.2W	37.6	0.18	*GM
3400.0	2.69	357.00	3398.3	42.0N	68.3W	42.0	0.36	*GM
3500.0	2.26	359.00	3498.2	46.3N	68.4W	46.3	0.44	*GM
3600.0	2.10	350.00	3598.2	50.1N	68.8W	50.1	0.38	*GM
3700.0	1.55	355.00	3698.1	53.2N	69.2W	53.2	0.57	*GM
3800.0	1.65	6.00	3798.1	56.0N	69.2W	56.0	0.32	*GM
3900.0	1.48	16.00	3898.0	58.7N	68.7W	58.7	0.32	*GM
4000.0	1.27	18.00	3998.0	61.0N	68.0W	61.0	0.22	*GM
4100.0	1.16	1.00	4098.0	63.0N	67.6W	63.0	0.38	*GM
4200.0	0.97	4.00	4198.0	64.9N	67.5W	64.9	0.20	*GM
4300.0	1.36	333.00	4297.9	66.8N	68.0W	66.8	0.73	*GM
4400.0	1.57	331.00	4397.9	69.1N	69.2W	69.1	0.22	*GM
4500.0	1.61	323.00	4497.9	71.4N	70.7W	71.4	0.23	*GM
4600.0	1.81	320.00	4597.8	73.7N	72.6W	73.7	0.22	*GM
4700.0	1.33	316.00	4697.8	75.8N	74.4W	75.8	0.49	*GM
4800.0	2.03	324.00	4797.7	78.0N	76.2W	78.0	0.74	*GM
4900.0	1.58	313.00	4897.7	80.4N	78.3W	80.4	0.57	*GM
5000.0	1.96	315.00	4997.6	82.5N	80.5W	82.5	0.38	*GM
5100.0	1.83	318.00	5097.6	84.9N	82.8W	84.9	0.18	*GM
5200.0	1.59	311.00	5197.5	87.0N	84.9W	87.0	0.32	*GM
5300.0	1.83	320.00	5297.5	89.3N	86.8W	89.3	0.51	*GM
5400.0	2.01	316.00	5397.4	91.9N	89.0W	91.9	0.38	*GM
5500.0	2.02	321.00	5497.4	94.5N	91.3W	94.5	0.18	*GM
5600.0	2.09	310.00	5597.3	97.0N	93.8W	97.0	0.40	*GM
5700.0	1.75	317.00	5697.3	99.3N	96.2W	99.3	0.41	*GM
5800.0	1.62	312.00	5797.2	101.4N	98.3W	101.4	0.20	*GM
5900.0	1.06	316.00	5897.2	103.0N	100.0W	103.0	0.57	*GM
6000.0	1.72	325.00	5997.2	104.9N	101.5W	104.9	0.69	*GM
6100.0	1.60	325.00	6097.1	107.3N	103.2W	107.3	0.12	*GM
6200.0	1.29	303.00	6197.1	109.0N	104.9W	109.0	0.63	*GM
6300.0	1.26	314.00	6297.1	110.4N	106.7W	110.4	0.25	*GM
6400.0	1.25	316.00	6397.0	111.9N	108.2W	111.9	0.04	*GM
6500.0	1.21	302.00	6497.0	113.3N	109.9W	113.3	0.11	*GM
6600.0	1.91	309.00	6597.0	114.9N	112.1W	114.9	0.17	*GM
6700.0	1.06	310.00	6696.9	116.5N	114.0W	116.5	0.11	*GM
6800.0	1.26	302.00	6796.9	118.0N	116.0W	118.0	0.11	*GM
6900.0	1.71	310.00	6896.9	119.5N	118.0W	119.5	0.11	*GM

RECEIVED

AUG 16 1994

JOHN HODDS
OFFICE