

TENSOR INCORPORATED
SURVEY CALCULATION REPORT
ver - 1.27

Company: COLLINS AND WARE Probe #: 0
Location: LEA COUNTY, NEW MEXICO Section Plane: 0.00
Field: SCARBOROUGH Well no: 2
Declination: 0.00 Vertical Section Origin:
Operator: JOHN H BECKNER North: 0.00 East: 0.00
Time: 12:00
Filename: CWI Depth Units - FEET

Comments: 11,400' IS PROJECTED

Data Source (D.S.) types : (Manually entered data starts with '*')

CS - CHAMP Singleshot MS - Magnetic SS TD - Total Depth
CM - CHAMP Multishot MM - Magnetic MS TI - True Point
CC - CHAMP Compensated MW - M.W.D.
GS - Gyro Singleshot PR - Projection
GM - Gyro Multishot ST - Steering Tool

Calculation Method - Minimum Curvature

**** RECORD OF SURVEY ****

Measured Depth	Inc (deg)	Azimuth (deg)	TVD	T O T A L Rep Coordinates		Vertical Section	Dogleg Severity	D.S.
0.0	0.00	0.00	0.0	0.0N	0.0E	0.0	0.00	*TI
100.0	0.19	269.00	100.0	0.0S	0.2W	-0.0	0.19	*GM
200.0	0.39	263.00	200.0	0.0S	0.7W	-0.0	0.20	*GM
300.0	0.62	259.00	300.0	0.2S	1.5W	-0.2	0.23	*GM
400.0	0.74	259.00	400.0	0.4S	2.7W	-0.4	0.12	*GM
500.0	0.76	261.00	500.0	0.6S	4.0W	-0.6	0.03	*GM
600.0	0.43	284.00	600.0	0.7S	5.0W	-0.7	0.40	*GM
700.0	0.79	253.00	700.0	0.8S	5.0W	-0.8	0.48	*GM
800.0	0.50	260.00	800.0	1.0S	7.1W	-1.0	0.30	*GM
900.0	0.91	270.00	900.0	1.1S	8.3W	-1.1	0.43	*GM
1000.0	0.98	248.00	999.9	1.4S	9.9W	-1.4	0.37	*GM
1100.0	1.53	290.00	1099.9	1.5S	12.0W	-1.5	0.87	*GM
1200.0	1.46	280.00	1199.9	1.1S	14.6W	-1.1	0.07	*GM
1300.0	1.26	275.00	1299.9	0.8S	17.0W	-0.8	0.23	*GM
1400.0	2.08	288.00	1399.8	0.1S	19.8W	-0.1	0.90	*GM
1500.0	2.34	286.00	1499.7	1.0N	23.5W	1.0	0.27	*GM
1600.0	2.84	290.00	1599.6	2.4N	27.8W	2.4	0.53	*GM
1700.0	3.74	294.00	1699.5	4.6N	33.1W	4.6	0.93	*GM
1800.0	3.76	299.00	1799.3	7.5N	38.9W	7.5	0.33	*GM
1900.0	3.18	302.00	1899.1	10.6N	44.1W	10.6	0.61	*GM
2000.0	2.71	297.00	1998.9	13.1N	48.6W	13.1	0.54	*GM
2100.0	2.57	301.00	2098.8	15.3N	52.6W	15.3	0.23	*GM
2200.0	1.71	306.00	2198.8	17.4N	55.8W	17.4	0.88	*GM
2300.0	1.74	302.00	2298.7	19.1N	58.2W	19.1	0.12	*GM
2400.0	1.23	312.00	2398.7	20.6N	60.3W	20.6	0.77	*GM
2500.0	1.22	301.00	2498.7	21.9N	61.2W	21.9	0.77	*GM
2600.0	0.97	317.00	2598.6	22.9N	61.9W	22.9	0.77	*GM
2700.0	2.72	302.00	2698.7	24.9N	62.9W	24.9	0.77	*GM
2800.0	0.77	305.00	2798.7	26.9N	63.9W	26.9	0.77	*GM

RECEIVED

AUG 11 1994

JOE HODDS
OFFICE