

STEVENS OPERATING CORPORATION
HEEMAR FEDERAL WELL NO 1
HAYES COUNTY, NEW MEXICO

DATE PRINTED : 01-AUG-89
OUR REF. NO. : 801365.48Z
DECLINATION : 10.00 JOB NUMBER :
PAGE NO. 3

MEASURED DEPTH	D R I F T ANGLE D M	D R I F T DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	R E C T A N G U L A R C O O R D I N A T E S	DOGLEG SEVERITY
3000.00	1 15	N 39 0 W	100.00	2999.71	20.89 N 5.33 W	0.27
3100.00	1 30	N 17 0 W	100.00	3099.68	22.99 N 6.45 W	0.58
3200.00	1 30	N 22 0 W	100.00	3199.65	25.46 N 7.32 W	0.13
3300.00	1 0	N 7 0 W	100.00	3299.62	27.57 N 7.87 W	0.59
3400.00	1 30	N 13 0 W	100.00	3399.60	29.71 N 8.25 W	0.52
3500.00	1 0	N 4 0 W	100.00	3499.58	31.87 N 8.57 W	0.54
3600.00	0 45	N 2 0 E	100.00	3599.56	33.40 N 8.60 W	0.27
3700.00	1 0	N 23 0 E	100.00	3699.55	34.88 N 8.27 W	0.40
3800.00	0 30	N 35 0 E	100.00	3799.54	36.02 N 7.63 W	0.52
3900.00	0 30	N 56 0 E	100.00	3899.54	36.63 N 7.01 W	0.18
4000.00	1 0	N 66 0 E	100.00	3999.53	37.26 N 5.87 W	0.51
4100.00	0 30	N 29 0 E	100.00	4099.52	38.13 N 4.92 W	0.67
4200.00	0 45	N 35 0 E	100.00	4199.52	39.06 N 4.34 W	0.26
4300.00	1 0	N 67 0 E	100.00	4299.50	40.01 N 3.17 W	0.54
4400.00	0 45	N 86 0 E	100.00	4399.49	40.36 N 1.70 W	0.38
4500.00	0 30	N 77 0 E	100.00	4499.49	40.52 N 0.62 W	0.27
4600.00	0 30	N 40 0 E	100.00	4599.48	40.97 N 0.11 E	0.32
4700.00	0 15	N 82 0 E	100.00	4699.48	41.28 N 0.68 E	0.36
4800.00	1 0	N 74 0 E	100.00	4799.47	41.51 N 1.74 E	0.75
4900.00	1 0	N 80 0 E	100.00	4899.46	41.90 N 3.44 E	0.10
5000.00	1 0	N 46 0 E	100.00	4999.44	42.68 N 4.97 E	0.58
5100.00	1 15	N 63 0 E	100.00	5099.42	43.82 N 6.57 E	0.41
5200.00	1 15	N 74 0 E	100.00	5199.40	44.61 N 8.59 E	0.24
5300.00	0 45	N 42 0 E	100.00	5299.38	45.53 N 10.05 E	0.73
5400.00	1 0	N 64 0 E	100.00	5399.37	46.44 N 11.27 E	0.41
5500.00	1 0	N 81 0 E	100.00	5499.36	46.96 N 12.92 E	0.30
5600.00	1 0	N 68 0 E	100.00	5599.34	47.43 N 14.60 E	0.23
5700.00	1 15	N 68 0 E	100.00	5699.32	48.16 N 16.42 E	0.25
5800.00	1 15	N 79 0 E	100.00	5799.30	48.78 N 18.51 E	0.24
5900.00	1 30	N 79 0 E	100.00	5899.27	49.24 N 20.87 E	0.25

