

PENNZOIL COMPANY

B.E. SHIFF ESTATE NO. 2
SEA COUNTY, NEW MEXICO

DATE PRINTED : 19-MAR-86

PAGE NO. 3

OUR REF. NO. : S01070.4PZ

DECLINATION : 10.00 JOB NUMBER :

MEASURED DEPTH	DRIFT ANGLE D M	DRIFT DIRECTION D M	COURSE LENGTH	TRUE VERTICAL DEPTH	REGULAR COORDINATES	DOGLEG SEVERITY
3000.00	1 15	N 25 0 E	100.00	2999.83	9.69 S 16.27 E	0.07
3100.00	1 15	N 28 0 E	100.00	3099.81	7.74 S 17.24 E	0.07
3200.00	1 30	N 26 0 E	100.00	3199.78	5.60 S 18.33 E	0.25
3300.00	1 30	N 20 0 E	100.00	3299.75	3.19 S 19.36 E	0.16
3400.00	1 15	N 34 0 E	100.00	3399.72	1.06 S 20.44 E	0.42
3500.00	1 15	N 33 0 E	100.00	3499.69	0.76 N 21.65 E	0.02
3600.00	1 0	N 39 0 E	100.00	3599.67	2.35 N 22.80 E	0.28
3700.00	0 45	N 40 0 E	100.00	3699.66	3.53 N 23.77 E	0.25
3800.00	0 45	N 43 0 E	100.00	3799.65	4.51 N 24.64 E	0.04
3900.00	0 30	N 15 0 E	100.00	3899.65	5.45 N 25.16 E	0.39
4000.00	0 30	N 7 0 E	100.00	3999.64	9.31 N 25.33 E	0.07
4100.00	0 30	N 29 0 E	100.00	4099.63	7.13 N 25.59 E	0.19
4200.00	1 0	N 11 0 E	100.00	4199.63	8.36 N 26.04 E	0.55
4300.00	0 45	N 20 0 E	100.00	4299.62	9.82 N 26.45 E	0.28
4400.00	1 0	N 10 0 E	100.00	4399.61	11.30 N 26.84 E	0.29
4500.00	1 0	N 17 0 E	100.00	4499.59	12.99 N 27.25 E	0.12
4600.00	0 45	N 5 0 E	100.00	4599.58	14.49 N 27.54 E	0.31
4700.00	0 30	N 3 0 W	100.00	4699.58	15.58 N 27.56 E	0.26
4800.00	0 30	N 5 0 E	100.00	4799.57	16.45 N 27.57 E	0.07
4900.00	0 30	N 8 0 W	100.00	4899.57	17.32 N 27.55 E	0.11
5000.00	0 30	N 1 0 E	100.00	4999.56	18.19 N 27.50 E	0.08
5100.00	0 30	N 13 0 E	100.00	5099.56	19.05 N 27.60 E	0.10
5200.00	0 30	N 10 0 W	100.00	5199.56	19.92 N 27.63 E	0.20
5300.00	0 30	N 3 0 W	100.00	5299.55	20.79 N 27.53 E	0.06
5400.00	0 15	N 1 0 W	100.00	5399.55	21.44 N 27.51 E	0.25
5500.00	0 15	N 39 0 E	100.00	5499.55	21.85 N 27.64 E	0.17
5600.00	0 15	N 66 0 E	100.00	5599.55	22.11 N 27.99 E	0.12
5700.00	0 15	S 66 0 E	100.00	5699.55	22.11 N 28.41 E	0.20
5800.00	0 15	S 59 0 E	100.00	5799.55	21.91 N 28.80 E	0.03
5900.00	0 15	S 33 0 E	100.00	5899.54	21.61 N 29.11 E	0.11