

PENNZOIL COMPANY

3.E. SHIPP ESTATE NO. 2

LEA COUNTY, NEW MEXICO

DATE PRINTED : 19-MAR-86

PAGE NO. 5

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	RECTANGULAR COORDINATES	DOGLEG SEVERITY
9000.00	2 45	N 5 0 E	100.00	8999.20	12.01 N 26.67 E	0.32
9100.00	2 45	N 6 0 E	100.00	9099.08	16.78 N 27.13 E	0.05
9200.00	3 0	N 10 0 E	100.00	9198.96	21.75 N 27.82 E	0.32
9300.00	3 0	N 7 0 E	100.00	9298.82	26.92 N 28.60 E	0.16
9400.00	3 0	N 9 0 E	100.00	9398.69	32.11 N 29.33 E	0.10
9500.00	3 0	N 1 0 W	100.00	9498.55	37.32 N 29.69 E	0.52
9600.00	2 45	N 4 0 E	100.00	9598.42	42.33 N 29.82 E	0.35
9700.00	2 45	N 5 0 E	100.00	9698.31	47.11 N 30.20 E	0.05
9800.00	2 45	N 0 0 E	100.00	9798.19	51.90 N 30.41 E	0.24
9900.00	2 15	N 5 0 E	100.00	9898.10	56.26 N 30.64 E	0.56
10000.00	2 30	N 8 0 W	100.00	9998.01	60.39 N 30.56 E	0.63
10100.00	2 45	N 7 0 W	100.00	10097.93	64.93 N 29.97 E	0.25
10200.00	1 45	N 15 0 W	100.00	10197.83	68.78 N 29.22 E	1.05
10300.00	1 30	N 18 0 W	100.00	10297.79	71.50 N 28.41 E	0.26
10400.00	1 30	N 13 0 W	100.00	10397.75	74.02 N 27.71 E	0.13
10500.00	1 45	N 17 0 W	100.00	10497.71	76.76 N 26.98 E	0.27
10600.00	1 45	N 34 0 W	100.00	10597.67	79.51 N 25.67 E	0.52
10700.00	2 0	N 20 0 W	100.00	10697.61	82.42 N 24.19 E	0.52
10800.00	2 0	N 32 0 W	100.00	10797.55	85.55 N 22.66 E	0.42
10900.00	2 0	N 46 0 W	100.00	10897.49	88.25 N 20.47 E	0.49
11000.00	1 45	N 73 0 W	100.00	10997.44	89.90 N 17.67 E	0.91
11100.00	2 0	N 90 0 W	100.00	11097.38	90.38 N 14.45 E	0.61
11200.00	2 15	S 74 0 W	100.00	11197.32	89.87 N 10.79 E	0.64
11300.00	3 30	S 73 0 W	100.00	11297.19	88.44 N 5.98 E	1.25
11360.00	3 15	S 72 0 W	60.00	11357.08	87.38 N 2.61 E	0.43

CLOSURE - DISTANCE : 87.42
DIRECTION : N 1 43 E

REPORT UNITS : Feet

SURVEY CALCULATION METHOD : Radius of curvature

SURVEY RUN INFORMATION

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