

ATLANTIC RICHFIELD COMPANY
 LANGLEY GREER NO. 1
 LANGLEY ELLERBERGER FIELD
 LEA COUNTY, NEW MEXICO
 GYROSCOPIC AND MAGNETIC MULTISHOTS

DATE OF SURVEY FEBRUARY 19, 1979
 VERTICAL SECTION DIRECTION

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 CLOSURE

SU3-6274, NS-6208, NS-6275

SPERRY-SUN, INC.
 RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEC MIN	COURSE DIRECTION DEC	DOG-LEGS SHV DEC/100	RECTANGULAR NORTH/SOUTH	TOTAL COORDINATES EAST/WEST	VERTICAL SECTION
6100	6099.72	6099.72	0 35	S 20 E	0.05	32.01 S	3.73 E	23.29
6200	6199.72	6199.72	0 40	S 20 E	0.11	33.01 S	3.31 E	23.61
6300	6299.71	6299.71	0 45	S 11 E	0.14	34.20 S	2.98 E	24.11
6400	6399.70	6399.70	0 30	S 9 W	0.33	35.27 S	2.93 E	24.76
6500	6499.70	6499.70	0 30	S 8 W	0.	36.14 S	3.06 E	25.41
6600	6599.70	6599.70	0 30	S 50 W	0.36	36.85 S	3.45 E	26.16
6700	6699.69	6699.69	0 30	S 55 W	0.04	37.38 S	4.14 E	27.04
6800	6799.69	6799.69	0 30	S 50 W	0.04	37.91 S	4.83 E	27.81
6900	6899.69	6899.69	0 30	S 76 W	0.22	38.30 S	5.59 E	29.74
7000	6999.68	6999.68	0 30	S 31 W	0.04	38.47 S	6.45 E	29.51
7100	7099.68	7099.68	0 45	S 65 W	0.30	38.82 S	7.47 E	30.51
7200	7199.67	7199.67	0 45	S 78 W	0.48	39.06 S	8.70 E	31.55
7300	7299.66	7299.66	0 30	S 65 W	0.46	39.00 S	9.74 E	32.38
7400	7399.66	7399.66	0 15	S 74 W	0.35	39.13 S	10.34 E	32.93
7500	7499.66	7499.66	0 15	S 7 W	0.38	39.29 S	10.59 E	33.21
7600	7599.66	7599.66	0 15	N 14 W	0.49	39.29 S	10.66 E	33.27
7700	7699.66	7699.66	0 15	S 65 W	0.39	39.17 S	10.91 E	33.39
7800	7799.66	7799.66	0 15	S 31 W	0.07	39.30 S	11.32 E	33.76
7900	7899.66	7899.66	0 0	N 0 E	0.25	39.33 S	11.54 E	33.91
8000	7999.66	7999.66	0 10	N 54 E	0.17	39.25 S	11.42 E	33.33
8100	8099.66	8099.66	0 15	N 40 E	0.10	38.99 S	11.16 E	33.47
8200	8199.66	8199.66	0 15	N 35 E	0.02	38.65 S	10.90 E	33.01
8300	8299.65	8299.65	0 30	N 24 W	0.42	38.07 S	10.95 E	32.72
8400	8399.65	8399.65	0 30	N 51 W	0.23	37.40 S	11.47 E	32.69
8500	8499.64	8499.64	0 45	N 45 W	0.26	36.66 S	12.27 E	32.53
8600	8599.64	8599.64	0 45	N 72 W	0.35	35.00 S	12.35 E	32.25
8700	8699.63	8699.63	0 45	N 82 W	0.13	35.76 S	14.62 E	34.04
8800	8799.62	8799.62	0 45	N 53 W	0.01	35.53 S	15.92 E	34.92
8900	8899.61	8899.61	1 0	N 32 W	0.25	35.33 S	17.44 E	35.26
9000	8999.60	8999.60	1 0	N 73 W	0.07	35.03 S	19.15 E	37.39