

ATLANTIC RESEARCH FIELD COMPANY
STATE T NO. 1
ANTON
LA COUNTY, NEW MEXICO
MAGNETIC MULTI SHOT

DATE OF SURVEY JULY 1-1974
VERTICAL SECTION DIRECTION CLOSURE

MS-6885

SPERRY-SUN												
RECORD OF SURVEY												
COURSE			COURSE			DOG-LEG			TOTAL			
INCLINATION			DIRECTION			SEV			RECTANGULAR		COORDINATES	
DEG MIN			DEG			DEG/100			NORTH/SOUTH		EAST/WEST	
ASSUMED VERTICAL TO 9232 FT									.00 N		.00 E	
SUB	SEA	TVD	9232.00	9299.98	9399.94	9499.87	9599.75	9699.61	9799.23	9898.85	9998.61	10098.36
TRUE	VERTICAL	DEPTH	9232.00	9299.98	9399.94	9499.87	9599.75	9699.61	9799.23	9898.85	9998.61	10098.36
9232			1 30	S	40	W	2.21	1.36	S	1.14	W	1.11
9300			1 30	S	54	W	.37	2.90	S	3.26	W	3.19
9400			2 15	S	65	W	.83	4.56	S	6.82	W	6.71
9500			2 45	S	72	W	.58	6.04	S	11.38	W	11.23
9600												
9700			3 0	S	69	W	.29	7.92	S	16.27	W	16.07
9800			5 0	N	77	W	3.02	5.96	S	24.76	W	24.61
9900			5 0	N	75	W	.17	3.70	S	33.18	W	33.08
10000			4 0	N	74	W	1.00	1.78	S	39.89	W	39.83
10100			4 0	N	77	W	.21	.21	S	46.68	W	46.66
10200			4 0	N	81	W	.28	.88	N	53.57	W	53.58
10300			3 45	N	83	W	.28	1.68	N	60.06	W	60.09
10400			4 45	S	90	W	1.12	1.68	N	68.34	W	68.36
10500			5 30	N	83	W	.98	2.85	N	77.86	W	77.90
10600			5 45	S	90	W	.73	2.85	N	87.88	W	87.92
10700			6 15	N	89	W	.51	3.04	N	98.76	W	98.81
10800			6 0	N	88	W	.27	3.40	N	109.21	W	109.26
10900			6 15	S	90	W	.33	3.40	N	120.09	W	120.14
11000			8 0	S	90	W	1.75	3.40	N	134.01	W	134.05
11100			8 0	N	89	W	.14	3.64	N	147.93	W	147.97
11200			7 30	S	90	W	.52	3.64	N	160.98	W	161.02
11300			8 0	N	89	W	.52	3.89	N	174.89	W	174.94
11400			6 0	N	86	W	2.03	4.61	N	185.32	W	185.38
11442			5 30	S	89	W	1.68	4.54	N	189.35	W	189.40
METHOD **												

** THE CALCULATIONS ARE BASED ON THE TANGENTIAL OR TERMINAL ANGLE METHOD **

HORIZONTAL DISPLACEMENT = 189.40 FEET AT NORTH 88 DEG. 38 MIN. WEST (TRUE)

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