

BELCO
JAMES RANCH LEASE WELL NO. 11
UNO LOS MEDANOS FIELD
EDDY COUNTY, NEW MEXICO
MAGNETIC MULTISHOT

PAGE 1
DATE OF SURVEY SEPTEMBER 30, 1980
VERTICAL SECTION DIRECTION
CLOSURE
MS-6636

SPERRY-SUN, INC.

RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUR SEA TVD	COURSE INCLINATION DEG MIN	TIE ON AT 3839	COURSE SECTION DEG	DGC-LEG SEV DEG/100	RECTANGULAR NORTH/SOUTH	TOTAL COORDINATES EAST/WEST	VERTICAL SECTION
3839	3838.09	3838.09					40.03 S	5.86 E	38.22
3905	3904.08	3904.08	1 0	S	65	0.	40.52 S	6.90 E	39.13
3999	3998.07	3998.07	1 0	S	69	0.07	41.16 S	8.41 E	40.40
4003	4002.05	4002.05	1 0	S	51	0.33	41.97 S	9.82 E	41.76
4187	4186.04	4186.04	1 0	S	69	0.33	42.78 S	11.22 E	43.13
4281	4280.02	4280.02	1 0	S	50	0.35	43.60 S	12.61 E	44.50
4375	4374.01	4374.01	0 50	S	69	0.37	44.37 S	13.88 E	45.77
4460	4468.00	4468.00	0 55	S	60	0.17	44.99 S	15.17 E	46.92
4563	4561.99	4561.99	0 55	S	50	0.17	45.85 S	16.40 E	48.25
4657	4655.98	4655.98	0 50	S	63	0.23	46.65 S	17.58 E	49.50
4751	4749.97	4749.97	0 50	S	69	0.09	47.20 S	18.83 E	50.56
4845	4843.96	4843.96	0 50	S	45	0.37	47.93 S	19.95 E	51.73
4939	4937.95	4937.95	0 45	S	49	0.11	48.82 S	20.90 E	52.95
5033	5031.94	5031.94	0 50	S	34	0.24	49.79 S	21.74 E	54.20
5127	5125.93	5125.93	0 50	S	62	0.43	50.67 S	22.73 E	55.45
5221	5219.92	5219.92	0 45	S	55	0.14	51.35 S	23.84 E	56.55
5315	5313.91	5313.91	0 50	S	60	0.12	52.04 S	24.93 E	57.68
5409	5407.91	5407.91	0 35	S	41	0.36	52.74 S	25.84 E	58.72
5503	5501.90	5501.90	0 30	S	45	0.10	53.40 S	26.44 E	59.57
5597	5595.90	5595.90	0 30	S	48	0.03	53.96 S	27.04 E	60.35
5691	5689.89	5689.89	0 40	S	45	0.18	54.62 S	27.73 E	61.25
5785	5783.89	5783.89	0 45	S	45	0.09	55.44 S	28.55 E	62.36
5879	5877.88	5877.88	0 50	S	33	0.20	56.45 S	29.36 E	63.63
5973	5971.87	5971.87	0 45	S	25	0.15	57.58 S	29.99 E	64.92
6000	5998.87	5998.87	0 45	S	15	0.48	57.91 S	30.11 E	65.27

RECEIVED

** THE CALCULATIONS ARE BASED ON THE MINIMUM RADIUS OF CURVATURE METHOD **

OCT 2 1980

HORIZONTAL DISPLACEMENT = 65.27 FEET AT SOUTH 27 DEG. 28 MIN. EAST (TRUE)

O. C. D.

ARTESIA, OFFICE