

33001

PENRBC OIL CORPORATION
STATE LEASE WELL NO 2
EMPIRE ABB FIELD
EDDY COUNTY NEW MEXICO
MAGNETIC MULTISHOT SURVEY

PAGE 1
DATE OF SURVEY JANUARY 4 1971
VERTICAL SECTION COMPUTED ALONG CLOSURE
11 DEG EAST MAGNETIC CORRECTION APPLIED
MS-6971

SPERRY-SUN WELL SURVEYING COMPANY
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION		DEG-LEG SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES				
		DEG	MIN	DEG				NORTH	SOUTH	EAST	WEST	
COORDINATES FURNISHED BY CUSTOMER												
615.0	615.00	0	45	S 73 W		.07	.93	.00		.78	.00	2.55
819.0	818.98		30	N 81 W		.15	2.53		.44	4.73		
1071.0	1070.97											
1324.0	1323.96	0	30	S 77 W		.08	3.44		.93		6.88	
1577.0	1576.94	0	45	N 76 W		.15	6.03		.13		10.09	
1830.0	1829.93	0	30	N 9 W		.28	7.97	2.05			10.44	
2083.0	2082.92	0	30	N 57 W		.16	10.05	3.25			12.29	
2335.0	2334.90	0	45	N 70 W		.11	12.83	4.38			15.39	
2588.0	2587.86	1	0	N 15 W		.33	16.91	8.64			16.53	
2841.0	2840.84	0	45	N 45 W		.20	20.19	10.99			18.87	
3094.0	3093.82	0	45	N 73 W		.14	22.89	11.95			22.04	
3346.0	3345.78	1	0	N 80 W		.11	26.13	12.72			26.37	
3599.0	3598.66	1	45	S 8 E		.90	19.40	5.07	28.18		25.29	
3852.0	3849.35	7	45	S 13 E		2.37	11.66		63.20	5.12	17.62	
4105.0	4098.88	9	30	S 33 E		1.36	53.30					
4357.0	4347.77	9	0	S 34 E		.21	92.65		95.88	27.17		
4610.0	4597.48	9	15	S 50 E		1.00	132.34		122.02	58.32		
4863.0	4847.36	9	0	S 49 E		.12	171.11		147.98	88.19		
5116.0	5098.05	7	45	S 49 E		.49	204.54		170.37	113.94		
5368.0	5348.43	6	30	S 47 E		.51	232.67		189.82	134.80		
5621.0	5600.26	5	30	S 50 E		.41	256.34		205.41	153.38		