

SHELDONIAN OIL CORPORATION
NEW MEXICO STATE L WELL NO.1
HAYSTACK FIELD
CHAVES COUNTY NEW MEXICO
MAGNETIC MULTISHOT DIRECTIONAL SURVEY

SPEKRY-SUN WELL SURVEYING COMPANY
RECORD OF SURVEY

DATE OF SURVEY AUGUST 28 1971
VERTICAL SECTION COMPUTED ALONG CLOSURE
12 DEG EASTMAGNETIC CORRECTION APPLIED
MS-0004

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION DEG	DIRECTION MIN	DEG	SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES
							NORTH SOUTH EAST WEST
1400.	1400.00	COORDINATES FURNISHED BY CUSTOMER					
1471.	1470.99	1	0	N 40 E	.29	-1.50	.00 .80
1533.	1532.97	1	15	N 47 E	.46	-1.18	1.87 1.79
1595.	1594.96	1	0	N 44 E	.41	-1.68	2.05 2.34
1658.	1657.95	1	0	N 38 E	.17	-2.09	3.52 3.21
1719.	1718.94	1	15	N 37 E	.41	-2.55	4.58 4.02
1782.	1781.92	1	15	N 32 E	.17	-2.92	5.74 4.74
1845.	1844.91	1	0	N 42 E	.50	-3.40	6.56 5.46
1907.	1906.90	1	15	N 48 E	.45	-4.10	7.47 6.46
1968.	1967.89	1	0	N 40 E	.41	-4.63	8.21 7.25
2030.	2029.87	1	15	N 39 E	.46	-5.15	9.26 8.10
2092.	2091.86	1	15	N 24 E	.53	-5.32	10.49 8.65
2154.	2153.84	1	30	N 26 E	.41	-5.59	11.95 9.36
2216.	2215.82	1	15	N 26 E	.40	-5.62	13.17 9.96
2277.	2276.81	1	15	N 18 E	.29	-5.85	14.43 10.37
2338.	2337.80	1	0	N 14 E	.43	-5.81	15.47 10.02
2401.	2400.79	1	0	N 17 E	.08	-5.82	16.52 10.95
2464.	2463.78	1	0	N 19 E	.06	-5.87	17.56 11.30
2525.	2524.77	1	0	N 8 W	.77	-5.45	18.61 11.16
2586.	2585.75	1	15	N 3 W	.44	-4.98	19.94 11.09
2647.	2646.72	2	0	N 12 W	1.30	-3.97	22.02 10.64