

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

SPERRY-SUN WELL SURVEYING COMPANY
RECORD OF SURVEY

DATE OF SURVEY SEPTEMBER 21 1971
VERTICAL SECTION COMPUTED ALONG
12 DEG EAST MAGNETIC CORRECTION APPLIED
MS-6064 MS-6077

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION DEG	DIRECTION MIN	COORDINATES FROM MS-6064 DEG	DOG-LEG SEVERITY DEG/100	VERTICAL SECTION	NORTH	SOUTH	EAST	WEST
3681.	3677.03	7	0	S 60 W	16.36	1.28	21.26			71.96
3711.	3706.81						19.43			75.13
3806.	3800.70	8	45	S 43 W	3.05	14.09	8.86			84.98
3900.	3893.61	8	45	S 45 W	.32	26.53		1.25		95.09
3995.	3987.62	8	15	S 45 W	.53	38.39		10.89		104.73
4089.	4080.40	9	15	S 27 W	3.09	53.20		24.35		111.59
4184.	4173.81	10	30	S 17 W	2.23	70.50		40.91		116.65
4278.	4265.30	13	15	S 14 W	3.00	92.04		61.81		121.87
4373.	4357.87	13	0	S 17 W	.76	113.40		82.25		128.11
4467.	4450.77	8	45	S 9 E	6.80	126.42		96.37		125.88
4562.	4544.90	7	45	S 14 E	1.29	137.57		108.80		122.78
4656.	4637.93	8	15	S 15 E	.55	149.20		121.83		119.29
4751.	4731.88	8	30	S 14 E	.30	161.43		135.46		115.89
4845.	4824.73	9	0	S 9 E	.97	174.82		149.98		113.59
4940.	4917.98	11	0	S 11 E	2.14	191.05		167.77		110.13
5034.	5009.66	12	45	S 8 E	1.97	210.08		188.32		107.24
5129.	5101.53	14	45	S 4 E	2.33	232.89		212.45		105.56
5223.	5190.67	18	30	S 3 W	4.52	262.01		242.23		107.12
5318.	5279.80	20	15	S 4 W	1.87	294.24		275.03		109.41
5412.	5367.26	21	30	S 5 W	1.38	328.12		309.35		112.41
5507.	5455.49	21	45	S 5 W	.26	362.74		344.42		115.48