

OMRON OIL COMPANY OF CALIFORNIA MIDLAND TEXAS

ORENS LEASE WELL NO. 1

ALUCAL

LEA COUNTY NEW MEXICO

SLIMOLE GYROSCOPIC AND MAGNETIC MULTISHOTS

DATE OF SURVEY APRIL 30, 1969
VERTICAL SECTION COMPUTED ALONG CLOSURE

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SU-3-6654, MS-6655

SPEKRY-SUN WELL SURVEYING COMPANY
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION	DOG-LEG SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES		
		DEG	MIN				NORTH	SOUTH	EAST
4200	4199.46	0	30	S 63 E	.28	39.52	22.42		48.15
4300	4299.48	0	30	S 76 E	.11	40.40	22.21		48.99
4400	4399.48	0	15	S 42 E	.32	40.77	21.89		49.28
4500	4499.48	0	15	S 19 E	.10	41.03	21.48		49.43
4600	4599.48	0	0	N 0 E	.25	41.03	21.48		49.43
4650	4649.48	0	0	N 0 E	0.00	41.03	21.48		49.43
4700	4699.48	0	30	N 66 E	1.00	41.35	21.65		49.82
4800	4799.47	0	30	S 0 W	.84	41.61	20.78		49.82
4900	4899.47	0	30	S 43 E	.37	42.36	20.14		50.42
5000	4999.46	0	30	S 81 E	.33	43.23	20.01		51.28
5100	5099.46	0	45	S 51 E	.40	44.44	19.18		52.30
5200	5199.45	0	45	N 0 E	1.35	44.06	20.49		52.30
5300	5299.44	0	30	N 57 E	.64	43.22	20.97		51.57
5400	5399.43	1	0	N 1 W	.63	42.68	22.71		51.54
5500	5499.43	0	15	N 21 E	.77	42.72	23.12		51.69
5600	5599.42	0	30	N 26 E	.25	42.85	23.90		52.08
5700	5699.41	1	0	N 5 E	.30	42.49	23.54		52.23
5800	5799.36	1	45	N 29 E	.33	43.13	23.31		53.71
5900	5899.30	2	0	N 43 E	.32	44.66	30.36		56.05
6000	5999.29	0	45	N 76 E	1.43	45.79	31.13		57.30
6100	6099.29	0	30	N 8 E	.80	45.42	32.05		57.24