

HERNDON OIL AND GAS
O.A. WOODY NO. 1
KNOWLES DEVONIAN FIELD
LEA COUNTY, NEW MEXICO
GYROSCOPIC SURVEY

PAGE 1
DATE OF SURVEY SEPTEMBER 12, 1979
VERTICAL SECTION DIRECTION
CLOSURE

SU3-6372

SPERRY-SUN									
RECORD OF SURVEY									
MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEG MIN	DIRECTION	COURSE DEG	DGC-LEG SEV DEG/100	RECTANGULAR NORTH/SOUTH	COORDINATES EAST/WEST	VERTICAL SECTION
0	0.	0.	ORIGIN AT SURFACE				0.	0.	0.
200	200.00	200.00	0 0	N	0	0.	0.	0.	0.
400	400.00	400.00	0 15	S	9	0.12	0.43 S	0.07 W	0.
600	600.00	600.00	0 0	S	0	0.12	0.86 S	0.14 W	0.
800	800.00	800.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
1000	1000.00	1000.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
1200	1200.00	1200.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
1400	1400.00	1400.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
1600	1600.00	1600.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
1800	1800.00	1800.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
2000	2000.00	2000.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
2200	2200.00	2200.00	0 0	S	0	0.	0.86 S	0.14 W	0.45
2400	2400.00	2400.00	0 15	S	1	0.12	1.30 S	0.13 W	0.57
2600	2600.00	2600.00	0 0	S	0	0.12	1.73 S	0.12 W	0.54
2800	2800.00	2800.00	0 15	S	23	0.12	2.14 S	0.05 E	0.86
3000	2999.99	2999.99	0 0	S	0	0.12	2.54 S	0.22 E	0.88
3200	3100.00	3100.00	0 15	S	33	0.12	2.90 S	0.46 E	0.
3400	3300.00	3300.00	0 0	S	0	0.12	3.27 S	0.69 E	0.76
3600	3500.00	3500.00	0 10	N	18	0.08	2.99 S	0.78 E	0.56
3800	3700.00	3700.00	0 17	N	46	0.08	2.37 S	1.23 E	-0.11
4000	3900.00	3900.00	0 12	N	9	0.12	1.68 S	1.53 E	-0.67
4200	4100.00	4100.00	0 15	N	40	0.06	1.01 S	1.20 E	-0.66
4400	4300.00	4300.00	0 10	N	8	0.07	0.38 S	0.88 E	-0.63
4600	4500.00	4500.00	0 0	N	0	0.08	0.10 S	0.84 E	-0.72
4800	4700.00	4700.00	0 0	N	0	0.	0.10 S	0.84 E	-0.72
5000	4900.00	4900.00	0 0	N	0	0.	0.10 S	0.84 E	-0.72
5200	5100.00	5100.00	0 0	N	0	0.	0.10 S	0.84 E	-0.72
5400	5300.00	5300.00	0 0	N	0	0.	0.10 S	0.84 E	-0.72
5600	5500.00	5500.00	0 5	N	16	0.04	0.04 N	0.79 E	-0.74
5800	5700.00	5700.00	0 10	N	2	0.05	0.48 N	0.77 E	-0.89