

GREAT WESTERN
 LOWE STATE WELL NO. 1
 TOWNSAND MARROR FIELD
 LEA COUNTY, NEW MEXICO
 SLIMHOLE GYROSCOPIC MULTISHOT DIRECTIONAL SURVEY

DATE OF SURVEY APRIL 15, 1972
 VERTICAL SECTION COMPUTED ALONG CLOSURE
 11 DEG EAST MAGNETIC CORRECTION APPLIED
 SURV-6251

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SPERRY-SUN
 RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION			DIRECTION	DOG-LEG			RECTANGULAR COORDINATES			
		DEG	MIN	SEC		SEVERITY DEG/100	VERTICAL SECTION	NORTH	SOUTH	EAST	WEST	
11800.	11459.14	24	0		S 43 W	1.22	1442.25	1397.45			372.34	
11900.	11549.77	25	0		S 43 W	1.00	1480.90	1428.36			401.16	
12000.	11640.76	24	30		S 40 W	1.35	1519.66	1460.12			427.82	
12100.	11732.47	23	30		S 39 W	1.08	1557.17	1491.11			452.91	
12200.	11824.52	23	0		S 41 W	.93	1593.43	1520.60			478.55	
12300.	11915.91	22	30		S 40 W	.63	1629.20	1549.92			503.15	
12400.	12010.27	21	0		S 45 W	2.38	1661.45	1575.26			528.49	
12500.	12104.23	20	0		S 47 W	1.22	1691.69	1598.58			553.50	
12511.	12114.57	20	0		S 47 W	.00	1695.02	1601.15			556.25	

THE CALCULATION PROCEDURES ARE BASED ON THE USE OF THE TANGENTIAL OR CHORD METHOD

HORIZONTAL DISPLACEMENT = 1695.02 FEET AT SOUTH 19 DEG. 0 MIN. WEST (TRUE)

