

GREAT WESTERN
 LOWE STATE WELL NO. 1
 TOWNSEND HARBOR FIELD
 LEA COUNTY, NEW MEXICO
 SIGHTHOLE GYROSCOPIC MULTISHOT DIRECTIONAL SURVEY

DATE OF SURVEY APRIL 15, 1972
 VERTICAL SECTION COMPUTED ALONG CLOSURE
 11 DEG EAST MAGNETIC CORRECTION APPLIED
 SU3-6231

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SPERRY-SUN
 RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION	DOG-LEG SEVERITY		RECTANGULAR COORDINATES			
		DEG	MIN		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)

