

U.S. OPERATING COMPANY
 U.S. SUPERIOR STATE WELL NO. 1
 ANTELOPE RIDGE MORROW FIELD
 LEA COUNTY, NEW MEXICO
 GEOSCOPIC MULTISHOT

DATE OF SURVEY APRIL 21, 1981
 VERTICAL SECTION DIRECTION
 CLOSURE

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BOSS-6795

SPERRY-SUN, INC.
 RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	SUB SEA TVD	COURSE INCLINATION DEG MIN	COURSE		DOG-LEG SEV DEG/100	RECTANGULAR COORDINATES		VERTICAL SECTION
				DIRECTION DEG			NORTH/SOUTH	EAST/WEST	
15040	15031.53	15031.53	2 37	S 32	W 0.	3.91	S	49.61	W 49.76

** THE CALCULATIONS ARE BASED ON THE MINIMUM RADIUS OF CURVATURE METHOD **

HORIZONTAL DISPLACEMENT = 49.76 FEET AT SOUTH 85 DEG. 29 MIN. WEST (TRUE)