

33003

PENROC OIL CORPORATION
STATE LEASE WELL NO 2
EMPIRE ABB FIELD
EDDY COUNTY NEW MEXICO
MAGNETIC MULTISHOT SURVEY

DATE OF SURVEY JANUARY 4 1971
VERTICAL SECTION COMPUTED ALONG
11 DEG EAST MAGNETIC CORRECTION
APPLIED MS-6971

SPERRY-SUN WELL SURVEYING COMPANY
RECORD OF SURVEY

MEASURED DEPTH	TRUE VERTICAL DEPTH	INCLINATION		DIRECTION DEG	DEG-LEG SEVERITY DEG/100	VERTICAL SECTION	RECTANGULAR COORDINATES			
		DEG	MIN				NORTH	SOUTH	EAST	WEST
5874.	5852.39	4	45	S 43 E	.39	277.19		220.73	167.67	
6127.	6104.69	4	15	S 40 E	.22	295.92		235.10	179.72	
6158.	6135.61	4	15	S 42 E	.48	298.21		236.80	181.26	

THE CALCULATION PROCEDURES ARE BASED ON THE USE OF THE TANGENTIAL OR CHORD METHOD
HORIZONTAL DISPLACEMENT • 298.21 FEET AT SOUTH 37 DEG. 25 MIN. EAST (TRUE)