

58411

SPERRY-SUN WELL SURVEYING COMPANY
HOUSTON, TEXAS

DIRECTIONAL BORE HOLE SURVEY

CUSTOMER--SUNRAY D-X OIL COMPANY
ADDRESS--MIDLAND, TEXAS
HOLE NUMBER--D. SAWYER NO. 2, CROSSROADS DEVONIAN FLD., LEA COUNTY, N.M.
JOB NUMBER--MS-6477
DATE OF SURVEY--4-4-68
TYPE OF SURVEY--MAGNETIC MULTISHOT
SURVEYED AT 31 FOOT INTERVALS
SURVEYED ON DRILL PIPE
DISTRICT OFFICE--ODESSA, TEXAS L03-1106
SURVEY OPERATOR--B. HAMBY
SURVEY HELPER--
FILM READ BY--B. HAMBY
RE-READ BY--C. KISINGER

HOLE INFORMATION

TOTAL DEPTH--11870
CASING SIZE AND DEPTH--8-5/8 INCH TO 4200 FEET
OPEN HOLE SIZE--7-7/8 TO DEPTH OF 11870 FEET
SURVEYED FROM 11325 FEET TO 11870 FEET
ARRIVAL TIME AT LOCATION-- 2100
TOTAL RIG TIME--FROM 0100 TO 0600
DEPARTURE TIME FROM LOCATION--0800
MAGNETIC DECLINATION-- 11.0 E
STARTING COORDINATES FROM JOB NO. MS-6470 DATED 3-23-68
BEARING--S** 0.W
INCLINATION-- 5.45.
MEASURED DEPTH--11325.00
LATITUDE-- 36.00 N
DEPARTURE-- 81.78 E
T.V.D.--11321.71

ORIGIN OF SURVEY AT 11,325 FOOT