

58352

SPERRY-SUN WELL SURVEYING COMPANY
HOUSTON, TEXAS

DIRECTIONAL BORE HOLE SURVEY

CUSTOMER--SUNRAY-OIL COMPANY
ADDRESS--MIDLAND, TEXAS
HOLE NUMBER--D. SAWYER NO.2, CROSSROADS DEVONIAN FLD., LEA CO., N.M.
JOB NUMBER--MS-6470
DATE OF SURVEY--3-23-68
TYPE OF SURVEY--MAGNETIC MULTISHOT
SURVEYED AT 100 FOOT INTERVALS
SURVEYED ON WL AND DP
DISTRICT OFFICE--ODESSA, TEXAS L03-1106
SURVEY OPERATOR--C. KISINGER
SURVEY HELPER--D. PLOWMAN
FILM READ BY--C. KISINGER
RE-READ BY--C. KISINGER
SURVEY PROCESSED BY--UCC-DALLAS

HOLE INFORMATION

TOTAL DEPTH--11325
CASING SIZE AND DEPTH--8 5/8 INCH TO 4200 FEET
OPEN HOLE SIZE--7 7/8 TO DEPTH OF 11325 FEET
SURVEYED FROM 4200 FEET TO 11325 FEET
ARRIVAL TIME AT LOCATION--0000 3-23-68
TOTAL RIG TIME--FROM 0000 TO 2000
DEPARTURE TIME FROM LOCATION--0300 3-24-68
MAGNETIC DECLINATION--11.0 E
STARTING COORDINATES FROM JOB NO. SU3-6469 DATED 3-22-68
BEARING--N** 5.E
INCLINATION-- -0.45.
MEASURED DEPTH--4200.00
LATITUDE-- 35.04 S
DEPARTURE-- 30.54 E
T.V.D.--4199.55

SURVEYED FROM 4200 TO 9500 WIRELINE
STABILIZERS 7 7/8 INCH O.D.
SURVEYED FROM 9500 TO 11325 K-MONEL D.C. ON D.P.
MEASURED BY PIPE TALLY