

58335

SPERRY-SUN WELL SURVEYING COMPANY
HOUSTON, TEXAS

DIRECTIONAL BORE HOLE SURVEY

CUSTOMER--SUNRAY-DX OIL COMPANY
ADDRESS--MIDLAND, TEXAS
HOLE NUMBER--D. SAWYER NO.2, CROSSROADS DEVONIAN FLD., LEA CO., N.M.
JOB NUMBER--SU3-6469
DATE OF SURVEY--3-22-68
TYPE OF SURVEY--SLIMHOLE GYROSCOPIC
SURVEYED AT 100 FOOT INTERVALS
SURVEYED ON WORTHWELL
DISTRICT OFFICE--ODESSA, TEXAS L03-1106
SURVEY OPERATOR--C. KISINGER
SURVEY HELPER--D. PLOWMAN
FILM READ BY--C. KISINGER
RE-READ BY--D. PLOWMAN

HOLE INFORMATION

TOTAL DEPTH--4200
CASING SIZE AND DEPTH--8 5/8 INCH TO 4200 FEET
OPEN HOLE SIZE--7 7/8 TO DEPTH OF 11325 FEET
SURVEYED FROM 0 FEET TO 4200 FEET
ARRIVAL TIME AT LOCATION--1700 3-22-68
TOTAL RIG TIME--FROM 2000 TO 2230
DEPARTURE TIME FROM LOCATION--2400 3-22-68
REFERENCE ORIENTATION OBJECT--STAKE
REFERENCE BEARING USED--S 87.0E
REFERENCE SUPPLIED BY--BRUNTON
TRUE NORTH POINTER--267

ZERO AT DERRICK FLOOR (ELEV. 4040 EST.)
8 INCH O.D. CENTRALIZERS USED
330' FNL AND 330' FEL, SW 1/4, SEC. 27, T-9-S,
R-36-E, LEA CO., N.M.