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MIDWEST SURVEYS
LOGGING OPEN HOLE • CASED HOLE • PIPE RECOVERY
Page Oil Tools
816 Delaware
816 336-4057

Page Oil Tools, Inc.
816 336-4057

RUNG NO. 1

Permit # 20265

G02789

COMPANY FRANCIS RICKMAN c/o IMERY ENERGY
WELL GAS WELL NO. 1
FIELD RICKMAN LEASE
COUNTY CASS COUNTY, MO.
LOCATION 4178' FSL-4284' FEL
SEC. 20 TWP. 45N RGE. 33W

RECEIVED
DEC 22 1986
MO. DEPT. OF NATURAL RESOURCES
DIVISION OF GEOLOGY & LAND SURVEY

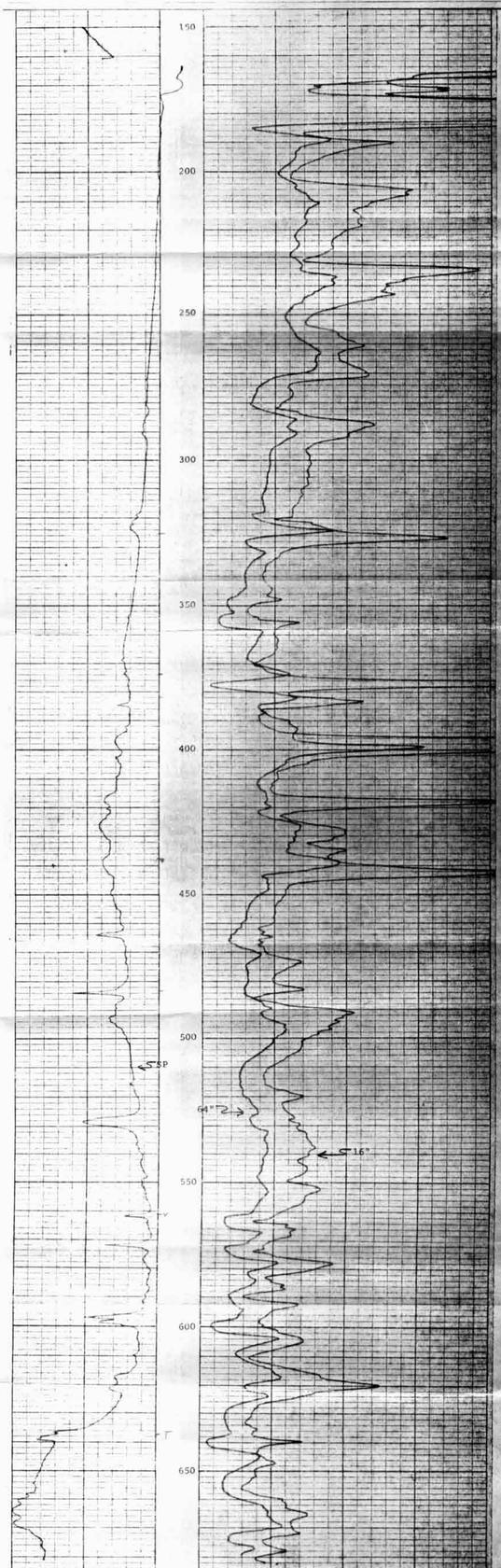
PERMANENT DATUM GL
LOG MEASURED FROM KB
DRILLING MEASURED FROM KB

ELEV. K.B. NA
D.F. NA
G.L. NA

Date 12-12-86
Run Number 1
First Reading 1.0
Last Reading 682.0
First Measured 1.0
Last Measured 682.0
Bottom Driller 683.0
Bottom Logger 682.0
Cas. Size 5 5/8 @ 22.0
Bit Size 7 7/8
Mud Type FRESH H2O
Mud pH NA
Mud Level NA
Max. Temp. NA
Rm @ °meas NA
Rmf NA
Rmc NA
Source NA
RM NA
RMF NA
RMC NA
Rm @ Temp NA
Time Since Circ. NA
Max. Rec. Temp. NA
Equip. No. 1
Location FRANCIS RICKMAN

REMARKS: FIRST MAX. Measured NA Hours After Circulation NA

NO CONTROLLED SHOT PROGRAM



SPONTANEOUS-POTENTIAL millivolts	DEPTHS	RESISTIVITY – ohms m²/m	RESISTIVITY – ohms m²/m
200 FULL SCALE 0		16" NORMAL OHM-METERS	6' LATERAL
– ← → +		0 FULL SCALE 50	NA
GAMMA RAY API UNITS		64" NORMAL OHM-METERS	
SENS. NA T.C. NA		0 FULL SCALE 50	
ZERO DIV. TO LEFT NA			

COMPANY Francis Rickman c/o Emery Energy
WELL Gas Well No. 1
LEASE Rickman
COUNTY Cass - MO
DATE February 12, 1982

DRILLERS T.D. 683.0
LOGGERS T.D. 683.0
LOGGERS R.D. 682.0