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PETRA-GRAPHIC laboratories, inc.

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MO. OIL & GAS COUNCIL

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COMPANY LUNAR OIL & GAS/PETRA RESOURCES INC.
LEASE MILLER WELL NO. 1-23
FIELD WILDCAT
LOCATION SOUTH EAST HIGH HILL
SECTION 23 TOWNSHIP 39N RANGE 31W
COUNTY BATES STATE MISSOURI

SAMPLES SAVED FROM 0 FEET TO 3500 FEET
DRILLING TIME KEPT FROM 800 FEET TO 3500 FEET
SAMPLES EXAMINED FROM 0 FEET TO 3500 FEET
GEOLOGICAL SUPERVISION FROM 0 FEET TO 3500 FEET
LOGGER GLEN E MARSHALL / JOE KINDELL

CONTRACTOR CLINT'S ROTARY DRILLING / ECCO DRILLING RIG NO. 1 / 3
COMMENCED DRILLING 10-27-81
COMPLETED DRILLING 2-10-82
RTD 3500 FEET LTD NONE FEET
MUD UP AT 1995 MUD TYPE LT CHEMICALS

ELEVATIONS
KB NONE FEET
DF FEET
GL FEET
MEASUREMENTS ARE ALL FROM

CASING
SURFACE 8 5/8" 235'

ELECTRICAL SURVEYS
NONE

LEGEND

ABBREVIATIONS
NB – NEW BITS
NCB – NEW CORE BIT
CO – CIRCULATED OUT
DST – DRILL STEM TEST
LAT – LOGGED AFTER TRIP
TG – TRIP GAS
NR – NO RETURNS
DS – DIRECTIONAL SURVEY
DC – DEPTH CORRECTION

RESISTIVITY OHM-METERS
Rm – MUD
Rmc – MUD CAKE
Rmf – MUD FILTRATE
MUD DATA
CK – CAKE THICKNESS 32nds
V – VISCOSITY API SECONDS
F – FILTRATE API CC'S
W – WEIGHT
S – SALINITY, ppm Cl

DEPTHS CORRESPOND TO DRILL PIPE MEASUREMENTS

LITHOLOGY
SAND, SALT, COAL, CONG, CLAY, DOLOMITE, ANHYDRITE OR GYPSUM, SHALE, CHERT, LIMESTONE, CHALK, SILTSTONE