DATE _____

PERMIAN LOGGING COMPANY

SHEET NO. 1

WELL FOWERS OPERATING CO., N.M. STATE 4-1

LOCATION HIDALGO COUNTY, NEW MEXICO

LS. SH. CHT. CUPRIFEROUS DTR DOLO. SS. ANHY.

C.O.-CIRC. OUT SPLS.
D.S.-DEVIATION SURVEY

2.3 VOLT GAS - .....
1.4 VOLT GAS - - - - -

C_1 —— C_2 .... C_3 --- $C_{4,5}$ -.-.

PORO. GFT | DRLG. RATE-M/F (0–30) | WT. | VIS. | W.L. | W.C. | PH | CHL.

DEPTH | LITH. | FORMATION CHARACTERISTICS | % OIL FLUO. (0–100) | CUT T F G | CHROMATOGRAPHIC ANALYSIS (0–50–100) | GAS FROM DRLG. FLUID (0–50–100)

1880
SHALE AITS WH CLAY & WH CHT-
WH PYR EBTY SOAPY MAT'L TRC-
OUT SS
F-CG SIL SS W/GN SPEC TR MAL-
ACHITE

1900
SH LT TO DK GY LIG
SS & CGL W/PARTIAL GN CEM
TRC RD & YEL DTR MAT'L

20
ABND HEMITITE & TR LIMONITE
TR W/SMALL WHITE CEM

SOME BLK STN
TR GY SH

40
SS CLR CSE QTZ W/BLK INCL
QTZ GRAINS & XLN QTZ
SH GY TR BENTONITE
SOME CARB MAT'L RD ORNG PK
FELDSPAR & PYR TR MALACHITE

60
SS ESC LT GY LT GN TR BLK STN
SH PRED LT GY & LT TO DK GN
SOME BLK CARB SH SOME BENT MAT'L
W/PYR
CU DTR VARIEGATED PRED DK GN-RD
MOTT W/DK GN INCL

80
SAME CUPRIFEROUS DTR AS ABOVE

2000
SH V/LT GY SIL SDY (VOLC ASH)

SS LT GY FG SHLY W/ABND MAL-
ACHITE CEM TR QTZ XLS
SS GY V/FG SOME PYR

20

11-21-62