DATE _____

PERMIAN LOGGING COMPANY

SHEET NO. 16

WELL POWERS OPERATING CO., N.M. STATE 4-T

LOCATION HIDALGO COUNTY, NEW MEXICO

LS. SH. CHT.
DOLO. SS. ANHY.

C.O.-CIRC. OUT SPLS.
D.S.-DEVIATION SURVEY
C1 C2 C3 C4,5

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

PORO. DRLG. RATE-M/F WT. VIS. W.L. W.C. PH CHL.

G F T

0 10 20 30

DEPTH

LITH.

FORMATION CHARACTERISTICS

% OIL FLUO.

0 100

CUT

T F G

CHROMATOGRAPHIC ANALYSIS

0 50 100

GAS FROM DRLG. FLUID

0 50 100

3280

SH PRED DK [illegible] BLK MNS
SS LT GY & SLT GNISH-[illegible] F-[illegible]
S & P CALC IP FRIA TO HD SIL

ANDESITE LT GY MR CG W/BLK
FLECKS SOME GN INCLS

3300

SH GY BLK
SS CLR CSS QTZ GRNS SUBRNDD
W/BLK FLECKS

20

SOME GN & BLK VOLC ASH
RHY GY DK GY V/FG

SH BLK GY SOME HEMITITE

40

RHY LT GY V/FG

ANDESITE GY-GN MG W/PK INCLS

60

RHY LT GY DK GY FG ABND CARB
INCLS
SH LT GY LT TO DK BN TR BLK
TR BLK RES

80

SS LT GY GNISH-GY PRED F-MG
SOME F-CG CGL FRIA TO HD SIL
SMALL AMT WH CLAY
TR BLK RES NO VIS POR

3400

SS PRED F-MG FRIA TO HD SIL
SOME F-CG SS
SS LT GY & WH MORE FRIA

20