



EXPLORATION LOGGING

DRILLING RATE AND DATA

FT/HR
 MIN/FT

VISUAL POROSITY

GO. FAIR TR.
GOOD

LITHOLOGY

DRILLING MUD

OIL

TRACE
GD. TRACE
FAIR
GOOD
V. GOOD

CONTINUOUS DITCH GAS

OIL IN MUD
TR. X
FAIR XX
GD. XXX

TOTAL GAS _____
(BACKUP SCALE = 10X)
PETROL VAP _____

20 40 60 80 100

CHROMATOGRAPHIC ANALYSIS

METHANE _____ BUTANES _____ 4
ETHANE _____ 2 PENTANES _____ 5
PROPANE _____ 3 M:1000

100 1M PPM IN AIR 10M M

CUTTINGS

GAS

TOTAL GAS _____
(BACKUP SCALE = 10X)
PETROL VAP _____

20 40 60 80 100

FAIR
GOOD

REMARKS AND LITHOLOGY DESCRIPTION

DEPTH

CORE TEST

0049

0050

0060

0070

0089

100 75 50 25
30/5 MICHELMORE
NO#8 HTC XDM
392FT/12HRS

TRUE VERTICAL DEPTH AT 6460FT IS 5558FT
DEVIATION 41°

NOTE: ALL DEPTHS
MEASURED FROM KELLY
BUSHING.

95" CASING SET AT
6457FT, DRILL 8 1/2"
HOLE FROM 6460FT.

SHALE, WHITE TO FAWN,
SOFT TO MOD HARD,
NON CALC, PYRITIC,
GRADES TO SILTSTONE
IN PART. INTERBEDDED
W SAND, FINE TO MED,
RARELY COARSE, SUBANG,
PYRITIC, OCC AS
AGGREGATES, AND COAL,
MOD HARD, BLACK.

C=36U AT 40 VIS

WT 10.2, V 41, F 10.6,
PH 11.8, CL 20,000PPM,
SD 3%, SOL 10%, OIL 7%.

SHALE, GRADING TO
DK GY AND BLACK,
BECOMING CARB.

DEV 42° 45'
TVD 5778FT

COAL, BLK, BRIT-HD, SUB
VIT, SUB CHONC FRAC,
ARG, INTBDD W/SHALE,
OFF WHT-TAN BRN, OCC
DK GRY, MOD HD, SLTY,
MINOR VF-MED SDST
STRINGERS.

ASHTON