DEPT. NAT. RES & ENV
PE604773

EXPLORATION LOGGING
A SUBSIDIARY OF HALLIBURTON INTERNATIONAL

DRILLING RATE AND DATA
METER/HR
MIN/METER
VISUAL POROSITY
GD. FAIR TR.
CORE TEST

20 15 10 5

1-20/5

Rivett

1000

DEPTH

LITHOLOGY

OIL
TRACE GD. TRACE FAIR GOOD V. GOOD

DRILLING MUD

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 40M

CUTTINGS
CUT
FAIR GOOD

GAS
TOTAL GAS (BACKUP SCALE = 10X)
PETROL VAP
20 40 60 80 100

DEV 6½°

REMARKS AND LITHOLOGY DESCRIPTION

SILTSTONE, medium grey-dark grey, firm-hard, subfissile, common grains of calcite, common carbonaceous frags, interbedded with SANDSTONE, light grey brown-med brown, friable-hard, pred hard, fine-very fine, mod sorted, qtz, variable cement, poor to strong, calcite in part, poor vis por, common vein calcite, occ coal

W = 8.6, V = 26, pH = 11, Sol = tr, MUD TEMP. = 33.5°C

C = 8u at 26 V.

SILTSTONE, medium grey -dark grey, firm-hard, dom hard, fissile, very argill, arenac in part common carbonac fleck, occ frags of xln calc, tr coal, interlam with SANDSTONE, wh-lt gy, lt gn gy-med gn gy, v f-crs, dom f, rndd-sbang, dom sbrndd, poorly srt f slt & wh clay mtx, mod silica & calc cmt dom qtz with occ med gy lith frags, rare cream feldspars, com carbonac mat, calcite veining in part, p vis porosity

50 100 1M 10M 40M

DEV 9½°