OF-350 352047 OFFSHORE 19 ENCLOSURE 5

BAROID ppm LOG

WELL: KONKON NO.1
COMPANY: E.S.S.O.
FIELD: WILDCAT
COUNTY: BASS BASIN STATE: TAS.

INTERVAL LOGGED: 710 FT TO 5043 FT
DATE LOGGED: MAY 31, 1973 TO MAY 27/73
DEPTH MEASURED FROM: K.B., 50' ABOVE SEA LEVEL

SUPERVISING ENGINEER: D.L.GEORGE UNIT NO: 8609
TYPE MUDS: SEAWATER-NATIVE TO: 2347 FT
LIGNOSULFONATE TO: 5043 FT

LEGEND

ABBREVIATIONS

NR NEW RPM
NCB NEW CORE BIT
CO CIRCULATED OUT
DST DRILL STEM TEST
TT TRIP TIME/TIME TRIP
TR TRIP GAS
NR NO RETURNS
DS DIRECTIONAL SURVEY
DC DEPTH CORRECTION

MUD CHARACTERISTICS
W WEIGHT, LB/GAL, LB/CU.FT
V VISCOSITY, SEC. SECONDS
F FILTRATE, API, CC'S
FC FILTER CAKE
S SOLIDS, PERCENT.....OPS CC
Rm MUD RESISTIVITY, OHM-METER
Rmc MUD CAKE RESISTIVITY, OHM-METER
Rmf MUD FILTRATE RESISTIVITY, OHM-METER

LITHOLOGY

SAND, SHALE, CLAY, CHERT, SILT, SILTSTONE, CONCRETIONS, LIMESTONE, DOLTIC LIMESTONE, DOLOMITE, GYPSUM, ANHYDRITE, COAL OR LIGNITE, GRANITE WASH

CUTTINGS ANALYSIS
% ROCK, % SAND, % CHERT, % CONCRETIONS, % COAL, % OTHER
0 25 50 75

DRILLING RATE
FT/HR
MIN/FOOT
5000 2000 1000

LITHOLOGY

ppm HYDROCARBONS IN MUD M=1000
C_1 C_2 C_3 C_4 C_{5+}
1 10 100 M 1 10 100 M 1 10 100 M 1 10 100 M 1 10 100 M
25 50 75 2500 25

STARTED LOSING AT 1903HRS. MAY 31, 1973
WATER DEPTH 230' MSL. EST. OF COD AT 68'.
DRILLING WITH SEA WATER, 13-1/4" HOLE
GAS, 30 UNITS + 1% TOTAL GAS IN AIR.
PPM C_1 ——— PPM C_2 ——— PPM C_3 ——— PPM C_4 ——— PPM C_5 ———
HOT WIRE ------ CO_2 ——— H_2S ———

26"HOLE TO 710'
22-24/3 TAB-2 X 24/3
ADP-7 X 24/3

SHELL FRAGMENTS, FORAMS, CALCILUTITE ETC.—APPARENTLY 100% DETRITAL FOSSIL MATERIAL, APP. MATRIX IS CALCITE, SOLUBLE, DISSOLVES

FOSSIL FRAGMENTS, MARLY PELLET, A SAST SHELL FRAGS, CALCILUTITE FORAMS, A/A

SHELL FRAGS, BRY, FORAMS, ETC., W/ VFN-SLT LOOSE QTZ A/A

A/A. W/ VFN GLAUC GRAINS

SHELL & BRYOZOAN FRAGS, PELLETS, FORAMS, W/ VFN-SLT SIZE, LOOSE QTZ.,& VFN GLAUC M/A SOFT, SOL, SHELL FRAGS, GLAUC MARL, WTR BELOW 800'

SHELL & BRYOZOAN FRAGS, FORAMS, W/ VFN-SLT SIZE, LOOSE QTZ.,& VFN GLAUC M/A SOFT, SOL, SHELL FRAGS, GLAUC MARL, WTR BELOW 800'

MARL: AS BEFORE, W DY/GREEN, SFT, GUMMY, W/ ABUT VFN, DISSEMINATED PYRITE
ADDT: SHELL, BRY & FORAM REMAINS

22-24/3
TAB-2 X 24/3
ADP-7 X 24/3

DISPLACED SEA WATER WITH LIGNOSULFONATE MUD.

13-3/4" HOLE TO 2347 FT.
10-3/4" CSG SET TO 2302'.

CHANGE SCALE TO 500 PPM

WT 9
VIS 48
F 4.0
pH 9
CL 3000

MARL: AS BEFORE, W/ DY/GREEN, SFT, W/ ABUNT DISSM. FN-MED QTZ & GLAUC GRAINS
AND
SANDSTONE FROM 2600C MG, VFN-W SRTZ, RR ANG.WOD, SLT CALC, SOFT, GRAD. ARGIL, W/ ABUNT FOSS. MTRL, AS BEFORE

MARL: A/A, RCM SANDSTONE FROM 2C0 BR & GLAUC SD TR PYRITE.

PPM C_1 ——— PPM C_2 ——— PPM C_3 ——— PPM C_4 ——— PPM C_5 ———
HOT WIRE ------ CO_2 ——— H_2S ———

SANDSTONE: A/A, WM, FN, W CALC, ABUN. SMWOAL, W/ V.CRS-PEBBLE/ GRAINS OF MILKY QTZ, RR ANG. & ABT. DOLOMITE: CHOC BR, SFT, SOL, GRAD ITIC TO SUCROSIC W/ ABUNT INCL FM. QTZ, GLAUC. PRITTLE, PYRITE, GLAUC.

CHANGE SCALE TO 100 PPM

SHALE: DY GY/BR, SOFT, GUMMY, & SOST-FN GRANED ASOR, A/A.

SHALE: W GY/BR, SOFT, GUMMY, A/A MOR SILTY, W SOST. M DOL. A/A

WT 11
VIS 48
F 3.0
pH 9.5
CL 3000

ZS-4
TAB-2 X 30C
ADP-7 X 24/3

SILTSTONE: DK GY-DK BR, CALC, SOFT, W SFT, CARB IN PART

SILTSTONE: M-DK GY/BR, SOF, CALC, MOD SOFT.

WT 11
VIS 48
F 3.0
pH 9.5
CL 3000

SILTSTONE: A/A W/ SANDSTONE, WM, FN-W GRANED, CALC CMTD ASOR-TED, SFT, SOL, GUM W/ ABUNT DR-BO DOLOMITE.

CALC SANDST, A/A W/ ARGL, SOF, SILTSTONE, M BR, MOD SOFT, CARB IN PT.

CHANGE SCALE TO 50 PPM

SAND: WH, FROSTY, SUBANG, MOD SRT, M-V CRS, SR KNE TO SR ANG, PRLY DRTS.

COAL, BLK, BITUM, BRTL, W/ SD & CARB SHALE.

SHALE LT-M BR, SOFT, SILTY, CARB IN PART, W/ DRTBD SAND & COAL, A/A.

ZS-5
CR-120
NR-4 X 22
ADP-7 X 24/3

CORE NO.1, 4461'-4464', CUT 3C, RCD 3ft.
REDUCED MUD WT. TO 11.4#/ BECAUSE OF PARTIAL LOST CIRCULATION WHEN PUMPING SLUG BEFORE P.O.H. FOR CORE

CORE: NO.1: SHALE, LT-M BR, SOFT, NON FISS, W/ SILTY STREAKS, GRAD TO SILTSTONE IN AREAS AS WELL, INDISTINCT BANDS, PRBB SUBDYTIC.

WT 10.8
VIS 42
F 4.0
pH 9.5
CL 3400

ZT-5
DEPTH LINE BROKEN
A/C ON 3/6/73 AT 2C0 FT.FOR NEW 7" PIPE

SILTSTONE: M-DK GY/BR, LT ARGL, SOFT, TO MOD FRIBL, CARB W/ MINOR SANDST. GRAD TO ARGL, V FN, GLAUC, CALC, W/ QTZOSE GRAIN, W/ SOME LITHIC SDS.

COAL, SEAM, HDST HARD, BLK, BITUM, BRTL, DULL, BLKY-CONC FRAC.

WT 10.7
VIS 45
pH 9.0
F 3.8
CL 3,000

KAOLINITIC SANDST B SANDT, KAOLIN CLAY, WH, TO LT-M GRY, SOFT, SOL, FN-M, CLR, SR MOD-SR ANG, V W DIS KAOLIN MTRL, WH-GREENISH, W/ ABUNT CLR-SMOKY QUARTZ, SR MAG, W-CRS.

RAN SCHLUMBERGER LOGS & CST.

DRILLER'S TOTAL DEPTH = 5043 FEET