DEPT. NAT. RES & ENV
PE601496

# EXPLORATION LOGGING INC.

A GEOLOGICAL · ENGINEERING SERVICE CO.

## REMARKS

DRILLING CONTRACTOR ODECO — RIG NO. OCEAN DIGGER
SPUD DATE APRIL 24, 1969
TYPE MUDS SPERSENE-XP20

## CASING RECORD

20" AT 968'
AT
AT

## HOLE SIZE

TO
TO

## ABBREVIATIONS

| | | | |
|---|---|---|---|
| NB | NEW BIT | W | MUD WEIGHT |
| RRB | RERUN BIT | V | MUD VISCOSITY |
| CB | CORE BIT | F | MUD FILTRATE □ CC/30 MIN |
| CR | CIRCULATE RETURNS | FC | FILTER CAKE |
| NR | NO RETURNS | SD | SAND CONTENT |
| PR | POOR RETURNS | S | SALINITY □ G/G ____ % PPM 26- |
| LAT | LOGGED AFTER TRIP | | |
| TG | TRIP GAS | R | RESISTIVITY OF MUD |
| CG | CONNECTION GAS | RF | RESISTIVITY MUD FILTRATE |
| C | CARBIDE | | |
| DST | DRILL STEM TEST | | |
| ] | DST INTERVAL | | |
| ▮ | CORE INTERVAL | | |

OIL Based on live oil in unwashed cuttings and percentage staining of washed cuttings.

GAS UNITS Gas Detector calibrated to record 100 units with a mixture of 2% methane-in-air.

## LITHOLOGY SYMBOLS

| | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LIME | LIMEY SHALE | MARL | GYPSUM | SALT | SHALE | SILTY SHALE | SANDY SHALE | SAND | CONGL. | LIMESTONE | ANHY | VOL. CANICS | INTRU SIVE | | | | |

COMPANY ESSO-BHP
WELL FLOUNDER 3
FIELD GIPPSLAND BASIN
LOCATION OFFSHORE
COUNTY, STATE VICTORIA, AUSTRALIA
API WELL INDEX NO.
ELEVATION SEA LEVEL
DATE FROM APR. 27, 1969 TO
DEPTH FROM 1010 FT TO
UNIT NO. 25
LOGGING GEOLOGISTS CRAIG, ALBERT

EXPLORATION LOGGING
DRILLING RATE AND DATA
☒ FT/HR ☐ MIN/FT
VISUAL POROSITY

DEPTH | LITHOLOGY | OIL | DRILLING MUD | CUTTINGS | REMARKS AND LITHOLOGY DESCRIPTION

DRILLING MUD: CONTINUOUS DITCH GAS — OIL IN MUD; TOTAL GAS (BACKUP SCALE 10X); PETROL VAP; CHROMATOGRAPHIC ANALYSIS — METHANE, ETHANE, PROPANE, BUTANES, PENTANES, $CO_2$, H2S, PPM IN AIR

CUTTINGS: GAS — TOTAL GAS (BACKUP SCALE 10X); PETROL VAP

4/27
HB72 HTC X3A

NO SAMPLE OVER SHAKER SCREEN

NOTE: DRILL RATE SCALE CHANGE

1115u

SET 20" CSG AT 968 FT

DRILLING 12¼" HOLE

DRILLING WITH SEA WATER

SAMPLES HIGHLY CONTAMINATED WITH CEMENT

CALCARENITE, WHITE, FRIABLE; SMALL AMOUNT COQUINA, UNCONSOLIDATED LARGE FOSSIL FRAGS

POOR SAMPLE RECOVERY

CALCARENITE, AS ABOVE

CALCARENITE, WHITE, FRIABLE, MEDIUM GRAIN; MINOR AMT FOSSIL FRAGMENTS

CALCARENITE, AS ABOVE WITH INCREASED AMOUNT FOSSIL FRAGS.

CALCARENITE, WHITE TO LIGHT GREY, FIRM TO HARD, CONSOLIDATED, ABUNDANT FOSSIL FRAGS.

CALCARENITE, AS ABOVE, BUT FOSSIL FRAGS DECREASING.