ENCL. 11

467090

OR-0359

# SCHLUMBERGER

## BOREHOLE COMPENSATED SONIC LOG - GAMMA RAY

COUNTRY AUSTRALIA
FIELD WILDCAT
WELL BASS 1
COMPANY ESSO

COMPANY ESSO EXPLORATION AUST. INC.
WELL BASS 1
FIELD WILDCAT
COUNTRY AUSTRALIA STATE TASMANIA

Location: 39° 46' 18" S 145° 44' 03" E

Other Services: IES,MLLC,CDM

Ref. No

Permanent Datum Mean Sea Level Elev.: 0
Log Measured From RT 31 Ft. Above Perm. Datum
Drilling Measured From RT 31 Ft. Above Perm. Datum

Elev.: K.B.
D.F. 31
G.L.

| | | | |
|---|---|---|---|
| RUN No. \| Depth Scale | 2 \| 5" | | |
| Date | 23rd.August,1965 (0630-0800) | | |
| First Reading | 3998 | | |
| Last Reading | 2267 | | |
| Interval Measured | 1731 | | |
| Casing Schlumberger | 2267 | | |
| Casing Driller | 2259 | | |
| Depth Reached | 4008 | | |
| Bottom Driller | 4405 | | |
| Mud Nature | Spersene | | |
| Density \| Viscosity | 10.2 \| 42 | | |
| Mud Resistivity | 1.77 @ 62 °F | @ °F | @ °F |
| Mud Resistivity BHT | 0.98 @ 127 °F | @ °F | @ °F |
| pH \| Fluid Loss | 10.0 \| 7 CC/30 min. | CC/30 min. | CC/30 min. |
| Origin of Sample | Flowline | | |
| Rmf | 1.17 @ 53 °F | @ °F | @ °F |
| Rmc | 2.63 @ 53 °F | @ °F | @ °F |
| Bit Size | 12¼ To TD | To | To |
| Casing Size | 13⅜ | To | To |
| Operating Rig Time | 3hrs | | |
| Truck No. | 2035 | | |
| Recorded By | I Strecker | | |
| Witness | D La Porte | | |

FOLD HERE

REMARKS: Wave Compensating Device Used Waves 6' Wind 20mph
Caliper reads 7' 6" too high Displacement 4-6'

Velocity (Feet/sec) = 1.000.000 / Interval Transit Time (microsec. ft)

GAMMA RAY CALIBRATION DATA

| | | | |
|---|---|---|---|
| Background | 30 cps | cps | cps |
| + Test Source | 440 cps | cps | cps |
| Galva Increase | 82 div. | div. | div. |
| Sensitivity Tap | 500 | | |

BHC SONIC RECORDING DATA

| | | | |
|---|---|---|---|
| Centralizers | YES | | |
| Cartridge No | SLC-A 46 | | |
| Sonde No | SLS-A 50 | | |
| Panel No | SLP-A 58 | | |

GAMMA RAY RECORDING DATA

| | | | |
|---|---|---|---|
| Run No | 2 | | |
| Fluid Level | Surface | | |
| Sensitivity Tap | 400 | | |
| Time Constant | 2 | | |
| GR Panel No | GHP-D 803 | | |
| GR Cartridge No | SGC-G 111 | | |
| GR Detector No | SGD-F 649 | | |

GAMMA RAY
API UNITS

GAMMA RAY ZERO 0
DIVISIONS TO LEFT OF THIS LINE
0 160

CALIPER
Inches
7 8 9 10 11 12 13 14 15

DEPTHS

INTERVAL TRANSIT TIME
microseconds per foot
Spacing 2 Ft.

160
1 millisecond
10 milliseconds
Integrated Transit Time
110 60
210 160

7 8 9 10 11 12 13 14 15
CALIPER
Inches

0 160
GAMMA RAY ZERO 0
DIVISIONS TO LEFT OF THIS LINE

GAMMA RAY
API UNITS

DEPTHS

10 milliseconds
1 millisecond
Integrated Transit Time
160
210 160
110 60

INTERVAL TRANSIT TIME
microseconds per foot
Spacing 2 Ft.

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WELL BASS 1
FIELD WILDCAT
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SCHL. F.R. 3998'
SCHL. T.D. 4008
DRLR. T.D. 4405

CALIBRATION FILMS