OR-334

338092
Enclosure 13

# SCHLUMBERGER

# MICROLATEROLOG

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL CORMORANT 1
COMPANY ~~ESSO~~

COMPANY ESSO STANDARD OIL (AUSTRALIA) LTD
WELL CORMORANT 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TAS
LOCATION 145° 31' 35.7" E
39° 34' 22.8" S
Sec. Twp. Rge.
Other Services: IES. FDC GR. BHC. CDM. CST. FIT.

FIELD PRINT

Permanent Datum: MSL, Elev. 0
Log Measured From KB, 100 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 100
D.F. 99
G.L.

| | | | | |
|---|---|---|---|---|
| Date | July 10. 1970 | | | |
| Run No. | 1 | | | |
| Depth—Driller | 9845 | | | |
| Depth—Logger | 9837 | | | |
| Btm. Log Interval | 6600 | | | |
| Top Log Interval | 4200 | | | |
| Casing—Driller | 2952 @ | @ | @ | @ |
| Casing—Logger | 2952 | | | |
| Bit Size | 12 1/4 | | | |
| Type Fluid in Hole | Lignosulfonate | | | |
| Dens. \| Visc. | 10.3 \| 41 | | | |
| pH \| Fluid Loss | 10 \| 9.2 ml | ml | ml | ml |
| Source of Sample | Circulation | | | |
| Rm @ Meas. Temp. | 2.03 @ 64 °F | @ °F | @ °F | @ °F |
| Rmf @ Meas. Temp. | 1.8 @ 63 °F | @ °F | @ °F | @ °F |
| Rmc @ Meas. Temp. | 0.7 @ 198 °F | @ °F | @ °F | @ °F |
| Source: Rmf \| Rmc | press \| chart | | | |
| Rm @ BHT | 0.66 @ 198 °F | @ °F | @ °F | @ °F |
| Time Since Circ. | 9 hrs. | | | |
| Max. Rec. Temp. | 160° °F | °F | °F | °F |
| Equip. \| Location | \| SAL | | | |
| Recorded By | GASTALDY | | | |
| Witnessed By | BLACK | | | |

FOLD HERE The well name, location and borehole reference data were furnished by the customer.

REMARKS

| Changes in Mud Type or Additional Samples | | | |
|---|---|---|---|
| Date \| Sample No. | | | |
| Depth—Driller | | | |
| Type Fluid in Hole | | | |
| | | | |
| Dens. \| Visc. | | | |
| pH \| Fluid Loss | | ml | |
| Source of Sample | | | |
| Rm @ Meas. Temp. | @ °F | | @ °F |
| Rmf @ Meas. Temp. | @ °F | | @ °F |
| Rmc @ Meas. Temp. | @ °F | | @ °F |
| Source: Rmf \| Rmc | | | |
| Rm @ BHT | @ °F | | @ °F |
| Rmf @ BHT | @ °F | | @ °F |
| Rmc @ BHT | @ °F | | @ °F |

Scale Changes

| Type Log | Depth | Scale Up Hole | Scale Down Hole |
|---|---|---|---|
| | | | |

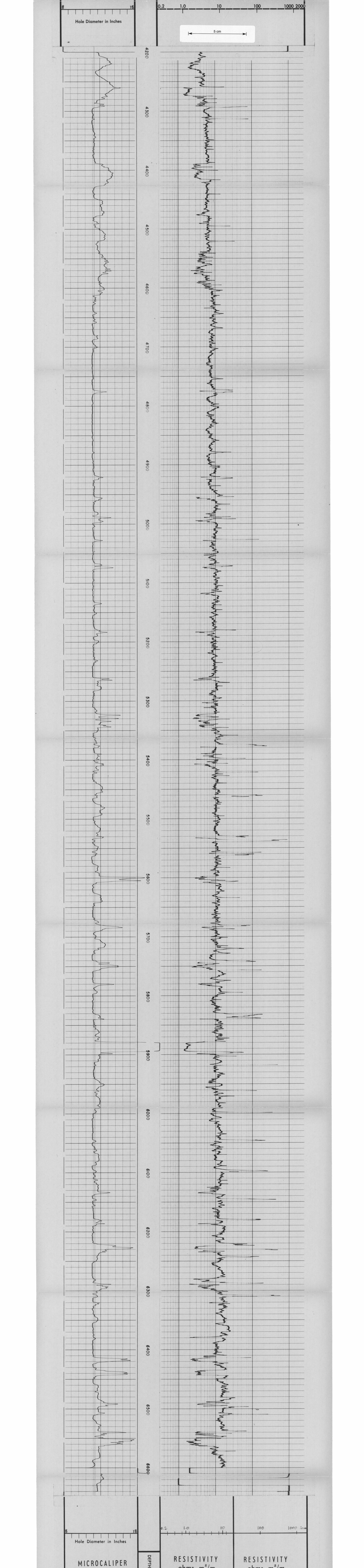
Equipment Data

| Run No. | Tool Type | Pad Type | Tool Pos. | Other |
|---|---|---|---|---|
| | | | | |

C.D.: S.O.:
Equip. Used: CART. No. MPC.D
PANEL No. MPP.B 201
SONDE No. MPS.C
FUNCTION PANEL-

| MICROCALIPER | Depths | RESISTIVITY ohms. m²/m |
|---|---|---|
| 8 — 18 Hole Diameter in Inches | | 0.2 1.0 10 100 1000 2000 |

5 cm



| MICROCALIPER | DEPTHS | RESISTIVITY ohms. m²/m | RESISTIVITY ohms. m²/m |
|---|---|---|---|
| 8 — 18 Hole Diameter in Inches | | 0.2 1.0 10 | 100 1000 2000 |

COMPANY ESSO STANDARD OIL (AUSTRALIA) LTD
WELL CORMORANT 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TAS
Rm 2.03 @ 64 °F
Rmf 1.8 @ 63 °F
Rmc 0.7 @ 198 °F
BHT 198 °F
SCHL FR 6600
SCHL TD 9837
DRLR TD 9845
Elev:
KB 100
DF 99
GL

## DETAIL LOG

5" = 100'

| MICROCALIPER | DEPTHS | RESISTIVITY ohms. m²/m | RESISTIVITY ohms. m²/m |
|---|---|---|---|
| 8 — 18 Hole Diameter in Inches | | 0.2 1 10 | 100 1000 2000 |