
ORIENTATION
CORRELATION CURVES
CALIBRATION DATA
Company ESSO AUSTRALIA LIMITED
Well YOLLOCK NO 2
Field WILDCAT
County AUSTRALIA
State TASMANIA
Company ESSO AUSTRALIA LIMITED
Well YOLLOCK NO 2
Field WILDCAT
County AUSTRALIA
State TASMANIA

ENCLOSURE 13a 359114 OK 353

DATA ANALYSIS → DIPMETER LOG → INTERPRETATION

COMPANY **ESSO Australia Ltd**
BASIN
FIELD **Pelican**
STATE **Tasmania**
WELL **Pelican 3**
COUNTRY **Aust**

ORIGINAL
DATE 1-1-75
SCALE 1:200
DRAWN BY
CHECKED BY
APPROVED BY

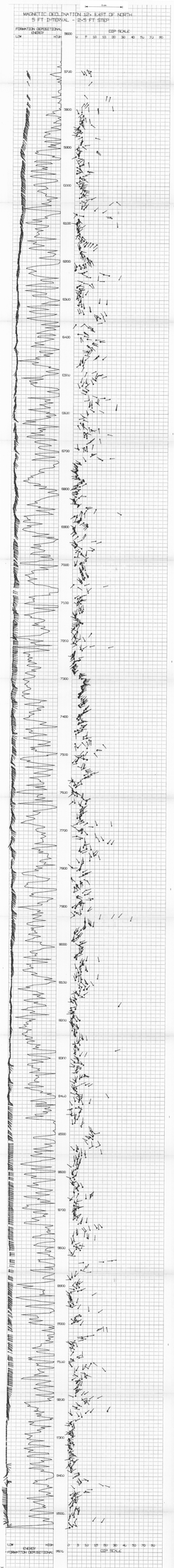
WELL DATA	DIP LOG DATA	INTERPRETATION DATA
Coordinates: Lat 38°29'19"S Long 146°59'19"E	Top Logged Interval 1500'	Top Processed Interval 1500'
Log Datum: A	Bottom Logged Interval 9750'	Bottom Processed Interval 9750'
Elevation: 30'	Depth Reached 9750'	Interval Processed 9750'
Nature of Datum: Kb	Bottom Driller 9750'	Date Processed 13-5-75
Mapping Contours: 1000 Metres	Rt Size 8.5	Interpretation Program DATA ANALYSIS
Other Logs Run: 1 1 1 1	Date Logged 25-3-75	Computer 1108 1
	Recorded By Chaffe	Plotter 1108 1
		Comparator 1108 1

REMARKS:

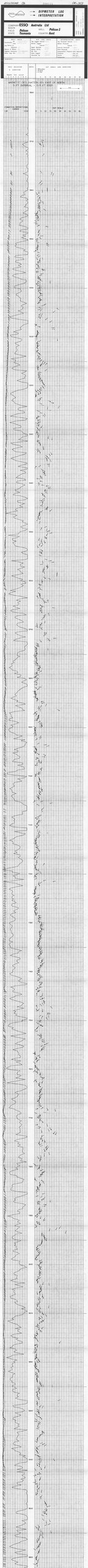
HOLE DEVIATION & DIRECTION
Degrees from vertical
1 2 3 4 5 6 7 8 9

DEPTH

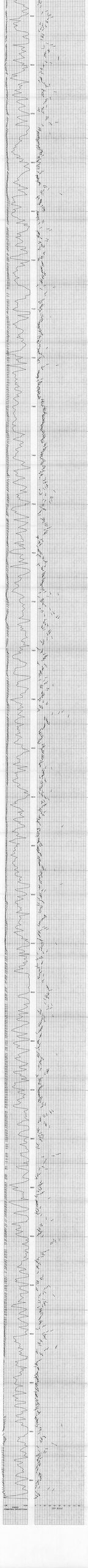
DIP ANGLE AND DIRECTION
Excellent
Good
Poor
5 10 15 20 30 40 50 70 90



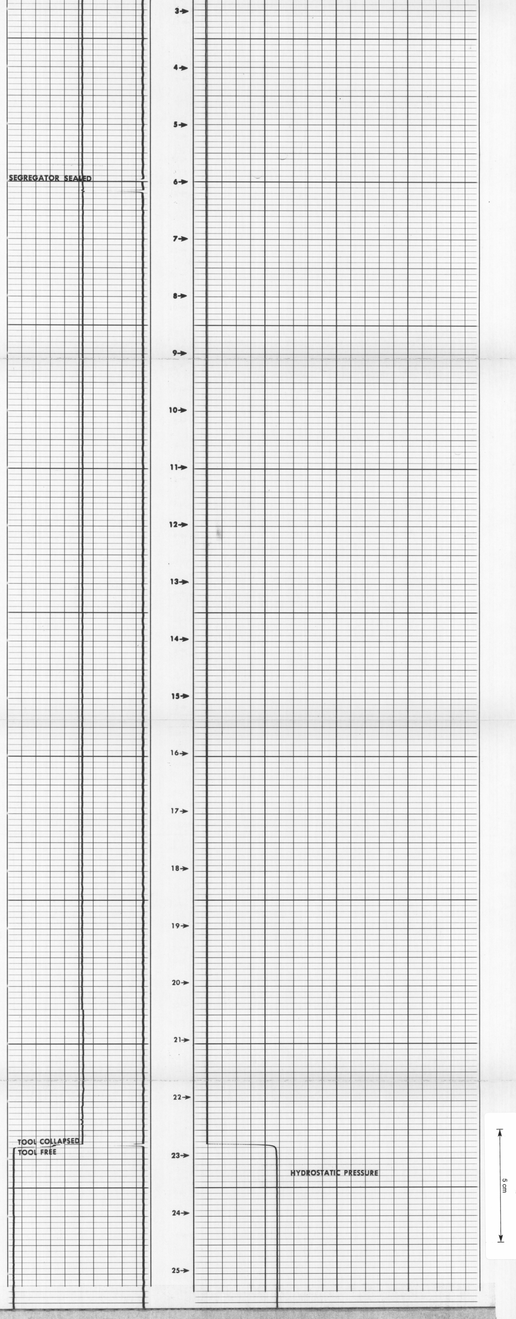
OFFSHORE 10



DIPMETER LOG
INTERPRETATION
ESSO Australia Ltd
Pelican
Tasmania
Pelican 2
Aust




OFFSHORE
DRAWWORKS RATING
RECORDED TESTER POSITION
SPONTANEOUS POTENTIAL millivolts
PRESSURE RECORDING
PSI x 1000
SURFACE CONTROLS
PUMP ACTION
STROKE
PRESSURE GAUGE
SURFACE PRESSURE
DRILLING FLUID
DRILLING LINE
DRILLING TIME
DEPTH
HOOK LOAD
WEIGHT ON BIT
ROTARY SPEED
ROTARY TORQUE
PUMP PRESSURE
PUMP SPEED
FLOW RATE
PIT VOLUME
GAS UNITS
CHLORIDES
TEMPERATURE
CASING SET
CASING TEST
CEMENTING RECORD
DRILLING RECORD
DRILLING DATA
DRILLING FLUID
DRILLING TIME
DRILLING LINE
DRILLING RECORD
DRILLING RATE



FORMATION TESTER RECOVERY DATA

TEST No. 1
TEST DEPTH 9191
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) ____ cuft
Condensate ____ cc
Oil ____ cc
Water ____ cc
Mud 22,000 cc
Sand ____ cc

TOOL DATA
Type of tool OPEN PORT
Type of Sample shot ____
Sample Unit size 22,000 cc
Choke size .020

PRESSURE DATA
Initial Shut in ____ psi
Shut in Time ____ min
Sampling ____ psi
Sampling Time ____ min
Final Shut in ____ psi
Shut in Time ____ min
Hydrostatic ____ psi
Surface Chamber ____ psi

RECOVERY ANALYSIS
Free Gas ____ cuft
Oil API Gravity ____ @ ____ °F
GOR ____
Water Rrf (Filtered) ____ @ ____ °F
Equivalent Cl ____ ppm

MUD FILTRATE DATA
Rmf ____ @ ____ °F
Equivalent Cl ____ ppm
Rw ____ @ ____ °F
Equivalent Cl ____ ppm

REMARKS: MUD RUN

FORMATION TESTER RECOVERY DATA

TEST No. 2
TEST DEPTH 9190
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) ____ cuft
Condensate ____ cc
Oil ____ cc
Water ____ cc
Mud 100 cc
Sand ____ cc

TOOL DATA
Type of tool OPEN PORT
Type of Sample shot ____
Sample Unit size 22,000 cc
Choke size .020

PRESSURE DATA
Initial Shut in ____ psi
Shut in Time ____ min
Sampling ____ psi
Sampling Time 35 min
Final Shut in ____ psi
Shut in Time ____ min
Hydrostatic 5900 psi
Surface Chamber ____ psi

RECOVERY ANALYSIS
Free Gas ____ cuft
Oil API Gravity ____ @ ____ °F
GOR ____
Water Rrf (Filtered) ____ @ ____ °F
Equivalent Cl ____ ppm

MUD FILTRATE DATA
Rmf ____ @ ____ °F
Equivalent Cl ____ ppm
Rw ____ @ ____ °F
Equivalent Cl ____ ppm

REMARKS: DRY TEST

FORMATION TESTER RECOVERY DATA

TEST No. 3 3 MISRUN
TEST DEPTH 928 5
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) ____ cuft
Condensate ____ cc
Oil ____ cc
Water ____ cc
Mud ____ cc
Sand ____ cc

TOOL DATA
Type of tool ____
Type of Sample shot ____
Sample Unit size ____ cc
Choke size ____

PRESSURE DATA
Initial Shut in ____ psi
Shut in Time ____ min
Sampling ____ psi
Sampling Time ____ min
Final Shut in ____ psi
Shut in Time ____ min
Hydrostatic 6100 psi
Surface Chamber ____ psi

RECOVERY ANALYSIS
Free Gas ____ cuft
Oil API Gravity ____ @ ____ °F
GOR ____
Water Rrf (Filtered) ____ @ ____ °F
Equivalent Cl ____ ppm

MUD FILTRATE DATA
Rmf ____ @ ____ °F
Equivalent Cl ____ ppm
Rw ____ @ ____ °F
Equivalent Cl ____ ppm

REMARKS: MIS RUN

FORMATION TESTER RECOVERY DATA

TEST No. 3 RERUN
TEST DEPTH 9273.5
OPEN HOLE TEST ☒
CASED HOLE TEST ☐

RECOVERY DATA
Gas (Total) ____ cuft
Condensate ____ cc
Oil ____ cc
Water ____ cc
Mud 100 cc
Sand ____ cc

TOOL DATA
Type of tool OPEN PORT
Type of Sample shot ____
Sample Unit size 22,000 cc
Choke size ____

PRESSURE DATA
Initial Shut in ____ psi
Shut in Time ____ min
Sampling ____ psi
Sampling Time 36 min
Final Shut in ____ psi
Shut in Time ____ min
Hydrostatic 6100 psi
Surface Chamber ____ psi

RECOVERY ANALYSIS
Free Gas ____ cuft
Oil API Gravity ____ @ ____ °F
GOR ____
Water Rrf (Filtered) ____ @ ____ °F
Equivalent Cl ____ ppm

MUD FILTRATE DATA
Rmf ____ @ ____ °F
Equivalent Cl ____ ppm
Rw ____ @ ____ °F
Equivalent Cl ____ ppm

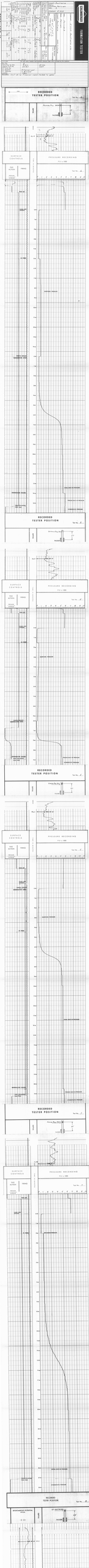
REMARKS

COMPANY ESSO STANDARD OIL AUSTRALIA
WELL PELICAN NO.3
FIELD WILDCAT
COUNTRY AUSTRALIA STATE TASMANIA

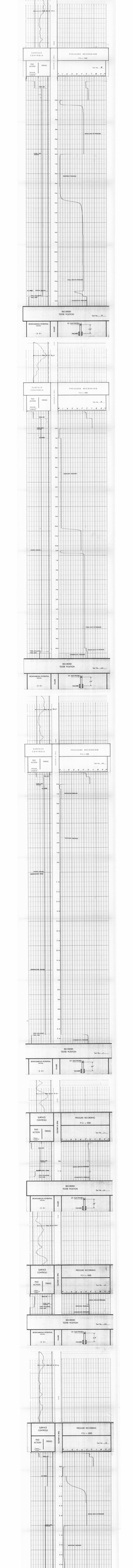
SCHLUMBERGER
FORMATION TESTER

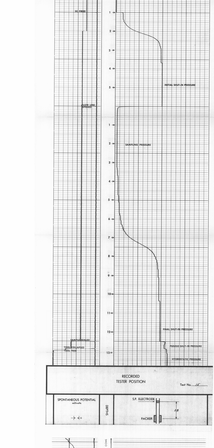
C. 70,416 - SEPT. 65 - DH

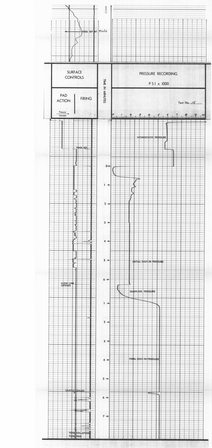
OFFSHORE 10

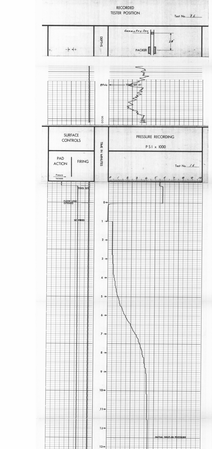


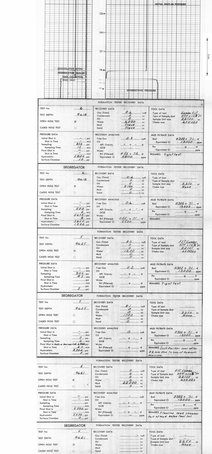
Schlumberger
FORMATION TESTER
RECORDED TESTER POSITION
SURFACE CONTROLS
PRESSURE RECORDING
RECORDED TESTER POSITION
SURFACE CONTROLS
PRESSURE RECORDING
RECORDED TESTER POSITION
SURFACE CONTROLS
PRESSURE RECORDING
RECORDED TESTER POSITION
SURFACE CONTROLS
PRESSURE RECORDING
RECORDED TESTER POSITION

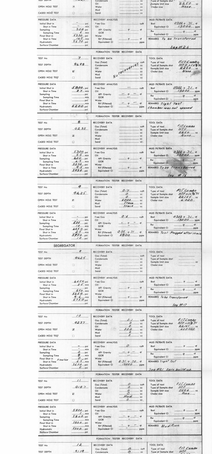








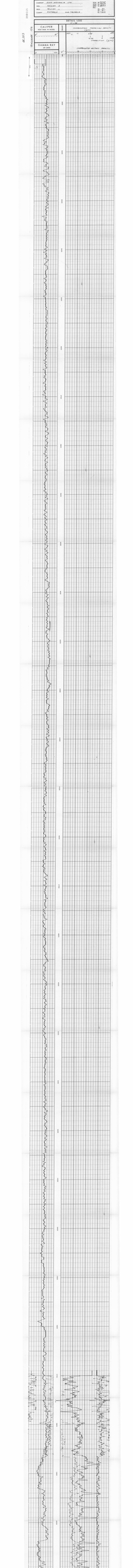


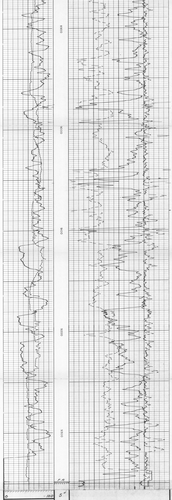




COMPANY
WELL
FIELD
COUNTRY

SCHLUMBERGER
FORMATION TESTER





GAMMA RAY
AS SHOWN

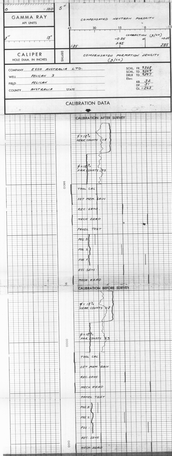
CALIBRATED NEUTRON POROSITY
SANDSTONE (SS)
LIMESTONE (LS)
DOLOMITE (DOL)

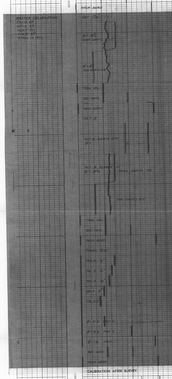
CALIPER
HOLE SIZE IN INCHES

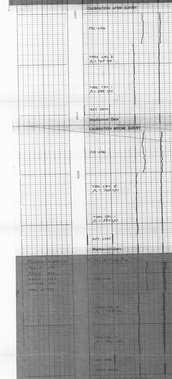
COMPANY ESSO AUSTRALIA LTD.
WELL MELLEY 3
FIELD MELLEY
COUNTY BASTIAN SEA

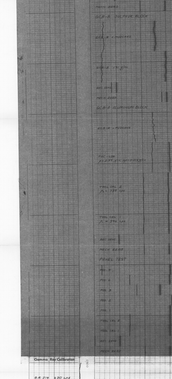
VOL. TO 10000
VOL. TO 5000
VOL. TO 1000
VOL. TO 100
VOL. TO 10
VOL. TO 1

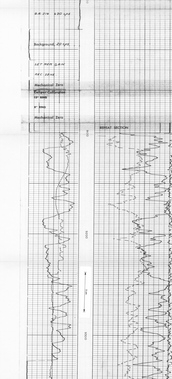
CALIBRATION DATA











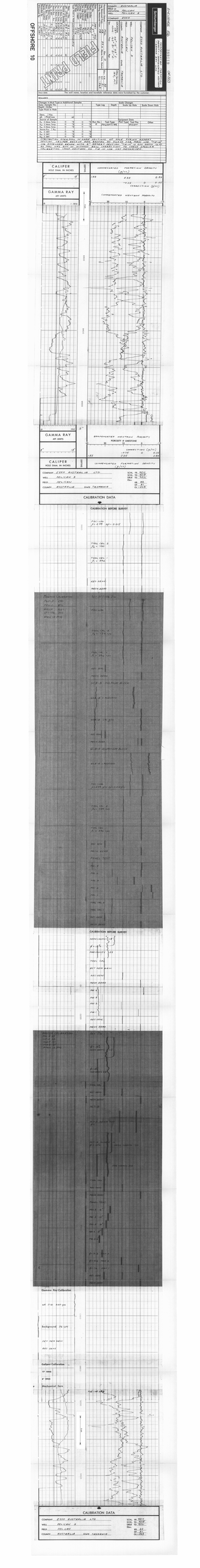


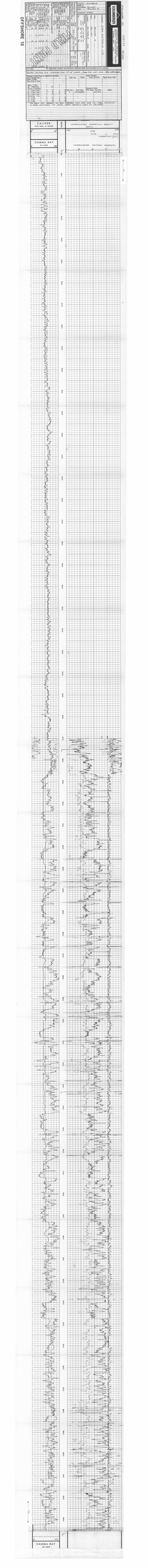
CALIBRATION DATA

COMPANY ESSO AUSTRALIA LTD.
WELL MELLEY 3
FIELD MELLEY
COUNTY BASTIAN SEA TASMANIA

VOL. TO 10000
VOL. TO 5000
VOL. TO 1000
VOL. TO 100
VOL. TO 10
VOL. TO 1

OFFSHORE 10


COUNTY: EASTERN
LOCATION: FELICITY
FIELD: FELICITY 4
COMPANY: ESSO
LIMITED OTEL
CASING
DRILLER
LOGGER
BIT
TYPE FLUID IN HOLE
DENSITY
VISCOSITY
PH
FLUID LOSS
SOURCE OF SAMPLE
RM @ MEAS. TEMP.
RMF @ MEAS. TEMP.
RMC @ MEAS. TEMP.
SOURCE OF RMF
SOURCE OF RMC
RM @ BHT
TIME SINCE CIRC.
MAX. REC. TEMP.
EQUIP. LOCATION
RECORDED BY
WITNESSED BY
RUN NO.
TYPE LOG
DEPTH-DRILLER
DEPTH-LOGGER
BTM. LOG INTERVAL
TOP LOG INTERVAL
CASING-DRILLER
CASING-LOGGER
BOREHOLE RECORD
BIT
FROM
TO
SIZE
WT./FT.
GRADE
CASING
BOREHOLE
TYPE


OFFSHORE 10
CALIPER
GAMMA RAY
GAMMA RAY

OFFSHORE 10

SCHLUMBERGER
INDUCTION ELECTRICAL LOG
DETAIL LOG
SPONTANEOUS POTENTIAL millivolts
RESISTIVITY ohms - m²/m
CONDUCTIVITY millimhos/m
CALIBRATION DATA