374138

OR-0339

Enclosure 15b

x2

OFFSHORE 38

Schlumberger

COMPENSATED FORMATION DENSITY LOG

Gamma-Gamma

COUNTY	AUSTRALIA
FIELD or LOCATION	WILDCAT
WELL	AROO NO. 1
COMPANY	HEMATITE PETROLEUM

COMPANY HEMATITE PETROLEUM PTY LTD

WELL AROO NO. 1

FIELD WILDCAT

COUNTY AUSTRALIA STATE TASMANIA

Location: 39° 47' 30.62" S
145° 26' 51.08" E

Other Services:
ISF, CST.

Sec. ____ Twp. ____ Rge. ____

Permanent Datum: MSC ; Elev.: 0

Log Measured From KB , 32 Ft. Above Perm. Datum

Drilling Measured From KB

Elev.: K.B. 32
D.F. 31
G.L. -250

Date	17.4.74
Run No.	FIVE ONE
Type Log	FDC/GR
Depth—Driller	11,978
Depth—Logger	11,983
Bottom logged interval	11,982
Top logged interval	10,386
Type fluid in hole	LIGNOSULPHONATE
Salinity, PPM Cl.	7,900
Density	11.8
Level	SURFACE
Max rec. temp., deg F.	280/282°F
Operating rig time	3 HOURS
Recorded by	TWITT, HANNINGTON
Witnessed by	HODGSON

RUN No.	BORE-HOLE RECORD Bit	From	To	CASING RECORD Size	Wgt.	From	To
FIVE	8½"	9635	11,978	9 5/8	47	GL	9635

FOLD HERE

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

EQUIPMENT DATA

Run No.	PG P- EA	PDH-A	PGH-A	PGS- E	Source No.	SFT-106	SGH	Logging Unit	Location
5	701			710	2647	302	275	2080	SAL

CALIBRATION DATA

Run No.	Gamma Ray API Scale	Gamma Ray Background CPS	Gamma Ray Total CPS	FDC — Before Log — ACPS P_1	FDC — Before Log — ACPS P_2	FDC — After Log — ACPS P_1	FDC — After Log — ACPS P_2
5	CAL	20 CPS	540	393	779	393	797

LOGGING DATA

Run No.	General Depths From	General Depths To	Speed Ft./Min.	Tc	Gamma Ray API Scale	FDC Selectors Liquid Density	Grain Density	Hole Fluid	Porosity Scale
5	11,983	10,386	30	2	0 - 150	1	2.71	LIQUID	4515/-15

MUD DATA

Run No.	Rm. @ °F	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt @ °F	Solids, Av. Sp. Gr.
1	@ °F				@ °F	
2	@ °F				@ °F	
3	@ °F				@ °F	

Remarks:

MUD CONTAINS 130LBS./BBI BARITES.

All interpretations are opinions based on inferences from electrical or other measurements and we cannot, and do not, guarantee the accuracy or correctness of any interpretations, and we shall not, except in the case of gross or willful negligence on our part, be liable or responsible for any loss, costs, damages or expenses incurred or sustained by anyone resulting from any interpretation made by any of our officers, agents or employees. These interpretations are also subject to Clause 7 of our General Terms and Conditions as set out in our current Price Schedule.

CALIPER HOLE DIAM. IN INCHES 6" – 16"	DEPTHS 5"	CORRECTION GRAMS/CC. —.25 0 +.25
GAMMA RAY API UNITS 0 – 150		BULK DENSITY GRAMS/CC. 1.85 2.35 2.85

5 cm

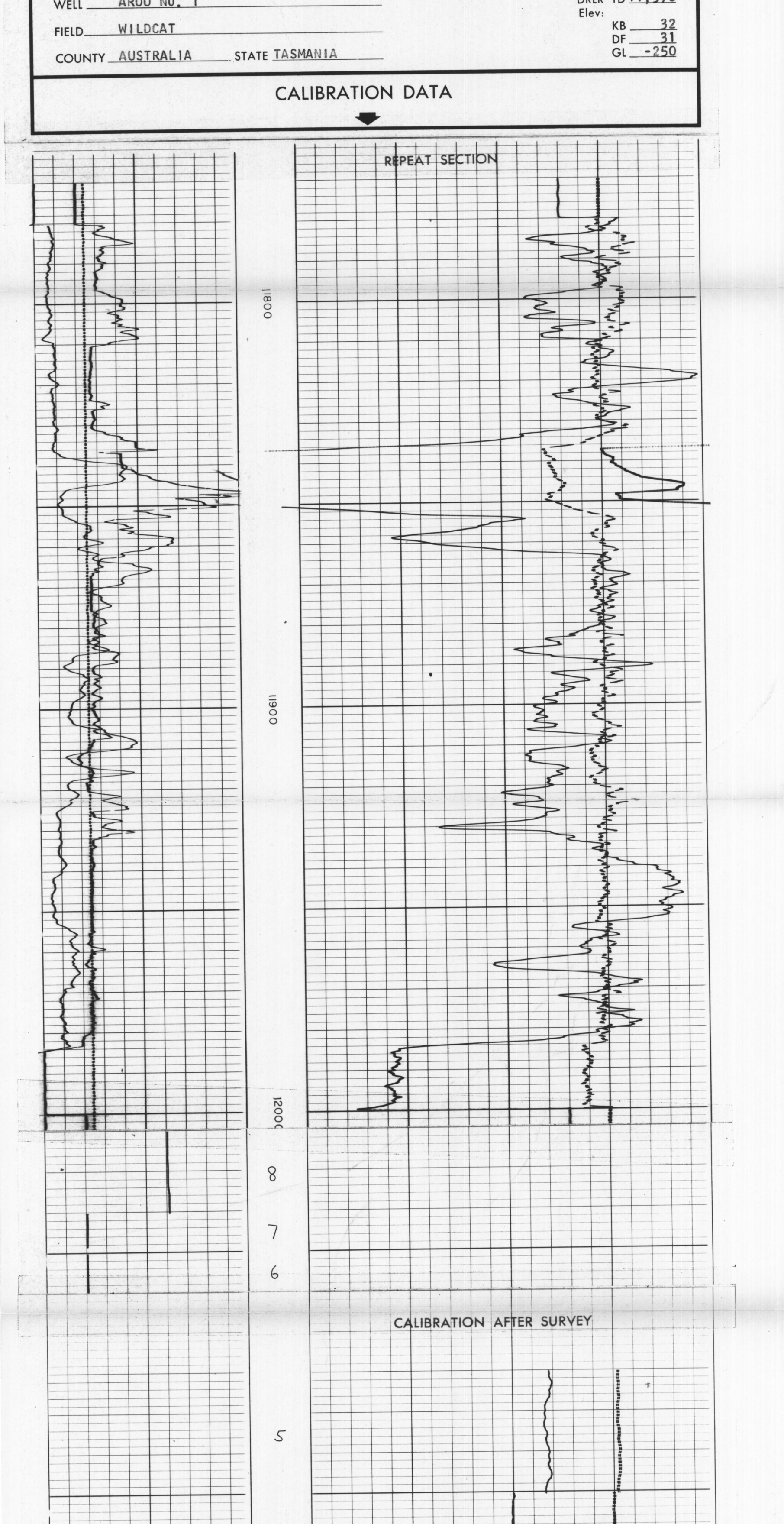
GAMMA RAY API UNITS 0 – 150	DEPTHS	BULK DENSITY GRAMS/CC. 1.85 2.35 2.85
CALIPER HOLE DIAM. IN INCHES 6" – 16"		CORRECTION GRAMS/CC. —.25 0 +.25

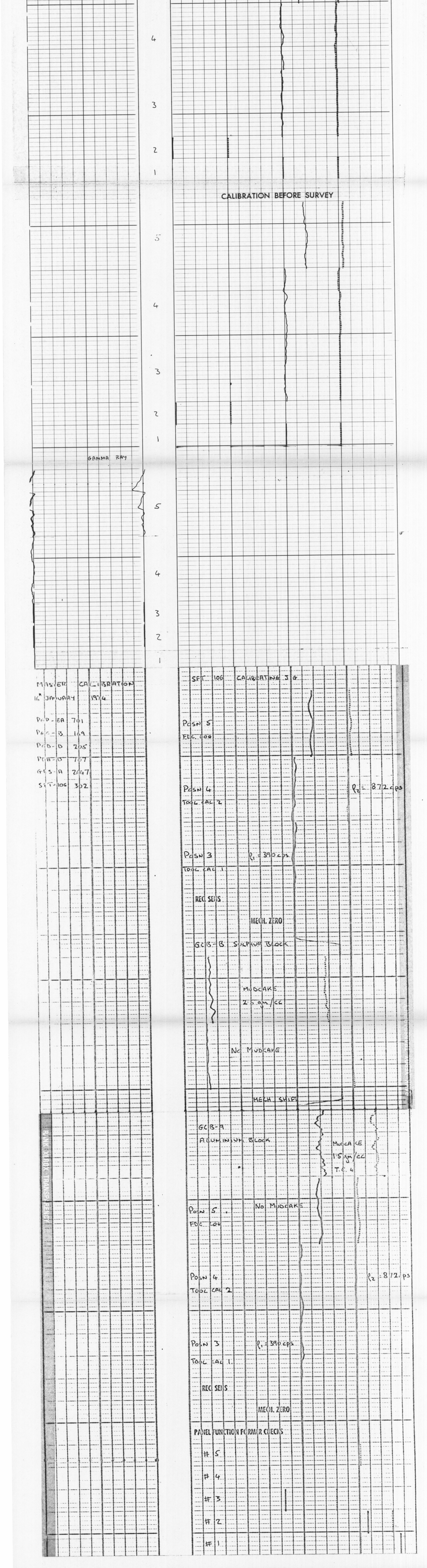
COMPANY HEMATITE PETROLEUM PTY. LTD.
WELL AROO NO. 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA

Rm 0.76 @ 71 °F
BHT 281 °F

SCHL. FR 11,932
SCHL. TD 11,983
DRLR TD 11,978
Elev:
KB 32
DF 31
GL -250

CALIBRATION DATA





FDC CALIBRATION CODING

FDC

1. . . . . MECHANICAL ZERO
2. . . . . RECORDER SENS.
3. . . . . TOOL CAL.#1 P_1=
4. . . . . TOOL CAL.#2 P_2=
5. . . . . LOG POS. ρ = 2.59 GM/CC $\Delta\rho$ = .015
6. . . . . CALIPER MECHANICAL ZERO
7. . . . . 8" RING.