349054

OR_342

ENCLOSURE 10a

SCHLUMBERGER
SIDEWALL NEUTRON POROSITY LOG

COUNTY AUSTRALIA
FIELD or LOCATION WILDCAT
WELL POONBOON 1
COMPANY ESSO AUSTRALIA

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA
Location: LAT. 40° 08'S LONG. 145° 55'E
Sec. Twp. Rge.
Other Services: ISF/SLK ST

Permanent Datum: MSL ; Elev.: 0
Log Measured From KB 32 Ft. Above Perm. Datum
Drilling Measured From KB
Elev.: K.B. 32 D.F. 31 G.L. -259

Date	30 SEP '72
Run No.	1 5"
Type Log	SNP
Depth—Driller	10,720
Depth—Logger	10,715
Bottom logged interval	10,714
Top logged interval	9600
Type fluid in hole	LIGNOSULPHONATE
Salinity, PPM Cl.	5400
Density	12.2
Level	SURFACE
Max rec. temp., deg F.	240
Operating rig time	3 HOURS
Recorded by	CHAFFE
Witnessed by	BLACK

RUN	BORE-HOLE RECORD			CASING RECORD			
No.	Bit	From	To	Size	Wgt.	From	To
1	8½"	8761	10,690	9⅝		SURFACE	8761

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

EQUIPMENT DATA

Run No.	PGP-D	PNH-A	PGH-A	PGS-	Source No.	SFT-116	SGH	Logging Unit	Location
1	333	260	184	– 265			-	2080	SAL
2				–					
3				–					

CALIBRATION DATA

Run No.	Gamma Ray			Neutron — Before Log — ACPS		Neutron — After Log — ACPS	
	API Scale	Background CPS	Total CPS	Drawer In	Drawer Out	Drawer In	Drawer Out
1				440	260	440	260
2							
3							

LOGGING DATA

Run No.	General				Gamma Ray	Neutron Selectors			
	Depths From	Depths To	Speed Ft./Min.	TC	API Scale	Matrix	Mud Corr. Setting as PPM-NaCl×10⁻⁶	Temperature °F	Porosity Scale
1	10,714	9600	30	2		LIME LIQ	12LB	BARITE	-15;45

MUD DATA

Run No.	Rm. @ °F	% Solids by Vol.	% Oil by Vol.	% Water by Vol.	Viscosity, Sec/Qt @ °F	Solids, Av. Sp. Gr.
1	.868 @ 89 °F				@ °F	
2	@ °F				@ °F	
3	@ °F				@ °F	

Remarks:

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" | DENSITY POROSITY INDEX % ______ MATRIX 45 30 15 0 -15

5 cm

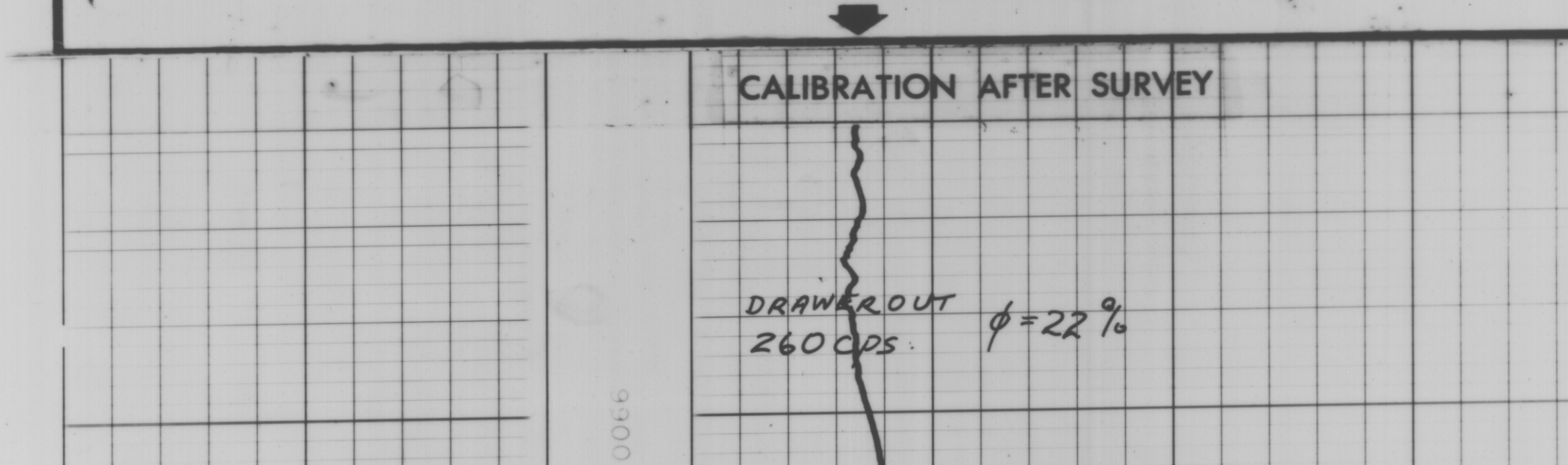
NEUTRON POROSITY INDEX % ______ MATRIX 45 30 15 0 -15
6" 16"
CALIPER HOLE DIAM. IN INCHES | DEPTHS | DENSITY POROSITY INDEX % ______ MATRIX

COMPANY ESSO AUSTRALIA LIMITED
WELL POONBOON 1
FIELD WILDCAT
COUNTY AUSTRALIA STATE TASMANIA

SCHL. FR 10,714
SCHL. TD 10,715
DRLR TD 10,720
Elev:
KB 32
DF 31
GL -259

CALIBRATION DATA

CALIBRATION AFTER SURVEY


DRAWEROUT 260 CPS φ=22%