Schlumberger

SONIC POROSITY COMPARISON YOLLA #1

CSU Field Log

Attachment 41 OR.0310

COMPANY:	AMOCO AUSTRALIA PETROLEUM CO.
WELL:	YOLLA #1
FIELD:	WILDCAT
RIG .:	R F BAUER
STATE:	TASMANIA
NATION:	AUSTRALIA
LOCATION:	BASS STRAIT - OFFSHORE TASMANIA.
LATITUDE:	039 50 18.96 S
LONGITUDE:	145 48 21.2 E

OTHER SERVICES-
LDL-CNL-NGT-
HDT-GR
VSP-GR
RFT-HP-GR
STL-GR

PERMANENT DATUM: MSL
ELEV. OF PERM. DATUM: 0.0 M
LOG MEASURED FROM: KB
11.0 M ABOVE PERM. DATUM
DRLG. MEASURED FROM: KB

ELEVATIONS-
KB: 11.0 M
DF: 10.4 M
GL: -79.6 M

PROGRAM
TAPE NO:
28.2
SERVICE
ORDER NO:
RFB 850801

DATE: 22 AUG 85
RUN NO: 3

DEPTH-DRILLER:	3347.0 M		
DEPTH-LOGGER:	3351.0 M		
BTM. LOG INTERVAL:	3350.0 M		
TOP LOG INTERVAL:	1755.0 M		
CASING-DRILLER:	399.0 M	1752.0 M	0.0 M
CASING-LOGGER:	0.0 M	1755.0 M	0.0 M
CASING:	20	13 3/8	
WEIGHT:	129.000 LB/F	72.0000 LB/F	0.0 LB/F
BIT SIZE:	26	17 1/2	12 1/4
DEPTH:	399.0 M	1759.0 M	3347.0 M

TYPE FLUID IN HOLE:	FRESH WATER-AQUAGEL-POLYMER
DENSITY:	9.80 LB/G
VISCOSITY:	44.0 S
PH:	11.0
FLUID LOSS:	9.0 C3
SOURCE OF SAMPLE:	FLOWLINE
RM:	1.070 OHMM AT 23.0 DEGC
RMF:	.838 OHMM AT 16.0 DEGC
RMC:	1.370 OHMM AT 16.0 DEGC
SOURCE RMF/RMC:	PRESS /PRESS
RM AT BHT:	.335 OHMM AT 121. DEGC
RMF AT BHT:	.221 OHMM AT 121. DEGC
RMC AT BHT:	.362 OHMM AT 121. DEGC
TIME CIRC. STOPPED:	22:30 21/08
TIME LOGGER ON BTM.:	08:00 22/08
MAX. REC. TEMP:	121.0 DEGC
LOGGING UNIT NO:	65
LOGGING UNIT LOC:	SEA
RECORDED BY:	OLIVIER BOUBE
WITNESSED BY:	G.M. KJELLGREN

REMARKS:

SONIC POROSITY COMPUTED FROM OUTPUT LC01 BY RAYMER-HUNT ALGO
TOOL CENTRALIZED WITH 1.5" STAND-OFF.
TOOL STRING RUN WITH SWIVEL HEAD.
CYCLE SKIP DUE TO WASHED-OUT AND RUGOSE HOLE.
SECTIONS REPEATED AT 2551 AND 2411 METERS.
THERMOMETERS READING : 121,121,122 DEGC.

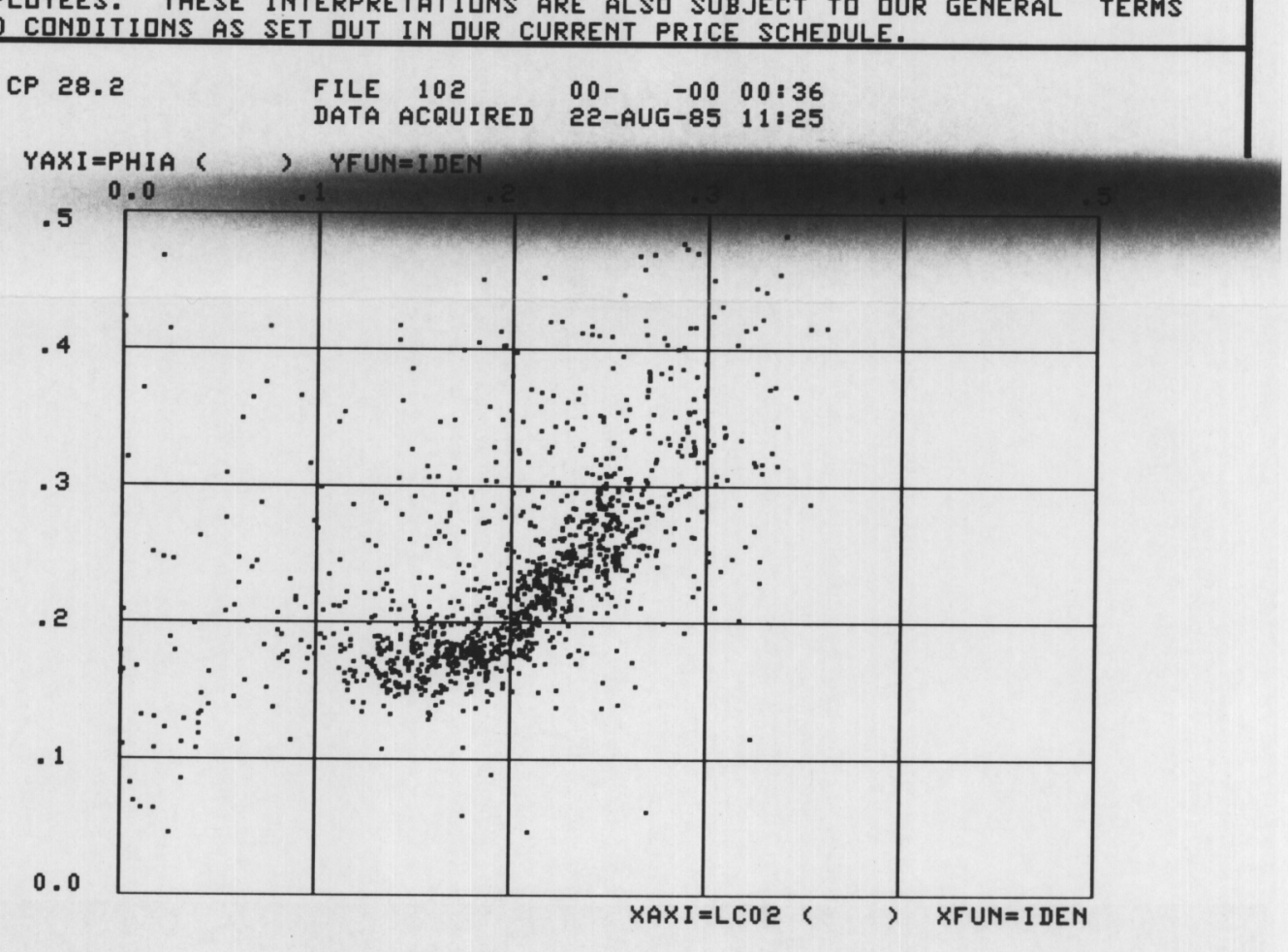
5 cm

EQUIPMENT NUMBERS-

NSM-A 2992	MRM-AB 3883	SLM-DA 1831	IEM-BE 1964
SRE-CB 866	DRS-B 858	SRA-A 885	SLC-KB 1959
SLS-RD 2186	SGC-JC 3599	IRC-QB 1725	IRS-VA 812

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 OUR GENERAL TERMS AND CONDITIONS AS SET OUT IN OUR CURRENT PRICE SCHEDULE.

CP 28.2 FILE 102 00- -00 00:36
DATA ACQUIRED 22-AUG-85 11:25



CP 28.2 FILE 102 00- -00 00:43
DATA ACQUIRED 22-AUG-85 11:25

EXPERIMENTAL COMPUTATIONS

LC02 = 5 * (LC01 - DTM) / (8 * LC01)
LC01 = (TT1 - TT2) / 2

CALI(IN) 10.000 20.000 BS (IN) 10.000 20.000 RHGA(G/C3) 2.5000 3.0000 GR (GAPI) 0.0 150.00		RFA (OHMM) .01000 100.00 RT (OHMM) .10000 1000.0	LC02 .50000 0.0 PHIA .50000 0.0

CP 28.2 FILE 102 00- -00 00:42
DATA ACQUIRED 22-AUG-85 11:25