

WELL: PELICAN NO. 5		COMPANY: AMOCO AUSTRALIA PETROLEUM CO.		COUNTRY: TASMANIA		7-MAR-86		WELL: PELICAN-5		COMPANY: AMOCO AUSTRALIA				COUNTRY: TASMANIA		PHIL I I		
LOGDATE: 2-MAR-86	DRILLER: 4267.00	LOG TD: 4267.50	TOP LOG: 3647.00	BOT LOG: 4267.00	DEPTH IN: METERS	3657.00	1.00	40.00	GR	CAL	SP	RHOB	PHIN	DELT	RT	ROD	PHIL I	PHIL I
MUD WT: 15.80	VIS (S): 50.00	PH: 12.00	FL (cc): 4.90	MUD TYPE: F/M LIME	3661.00	3.50	37.00		INCHES	M.V.	GRV/CC	I	M-SEC	OH-M	OH-M			
RHF: 0.31	RPH: 0.56	RHC: 0.87	rac75: 0.82	ra75: 0.49	ra75: 0.29	3673.00	25.00	35.00										
TH: 71.00	TH: 65.00	TH: 71.00	racBHT: 0.19	raBHT: 0.11	raBHT: 0.07	3715.80	1.00	31.00										
			BHT: 348.00	TSURF: 50.00	Grad.: 0.069	3749.00	1.50	40.00										
BIT SIZE	CASING	LM/FT	DRILLER	LOGGER	DEPTH IN: METERS	3773.50	2.50	48.00										
17.25	13.37	72.00	1750.80	1750.00	PERMANENT DATUM: HSL	KB: 21.40	1.00	31.00										
12.25	9.63	53.50	2995.00	2995.00	ELEVATION PERMANENT DATUM: 0.00	DF: 21.10	0.50	56.00										
6.00	7.00	29.00	3647.00	3647.00	LOG MEASURED FROM: KB	21.40 ABOVE PERM. DATUM	3899.00	5.00	31.00									
					DRILLING MEASURED FROM: KB		3910.00	1.00	44.00									

PROCESSING PARAMETERS

WATER SATURATION: RM	RMF	RMB	DEPTH-RM	Temp-Rm	RSH	"a"	"a"	"n"	DWIP
PARAMETER VALUE: 0.00	0.05	0.15	4000.00	335.00	9.00	1.00	2.00	2.00	1.00
Parameter value @75: 0.00	0.21	0.63	MISC.: "b1": 1.07	"b2": 0.72	slope: -0.36				

SHALE	CALCULATED	MAXIMUM	MINIMUM	PHID:	0	RHOB:	2.65	RHOF:	1.00
GR:	1	GRSH: 105.00	GRCL: 24.00	PHIN:	0	PHIM:	-0.04	HYDIND:	1.00
SP:	0	SPSH: 0.00	SPCL: -60.00	PHIS:	0	DELTA:	55.70	DELTA:	189.00
RES:	0	RSH: 10.00	RCL: 2.00	PHIND:	1				
NEUT:	0	NSH: 0.35	NCL: 0.15	PHINS:	0				
D-S:	0	RHOSH: 2.70	DT2.7:	50.00	DT2.2:	92.00			
M-S:	1	PHINSH: 0.35	M2.7:	-0.07	M2.2:	0.24			
M-S:	0	BELTSH: 90.00	DT0:	62.00	DT0:	86.00			
M-NE	0	MICL: 0.90	MICL: 0.48	"n"sh: 0.58	PROGRAM: BURLSH				
		MZCL: 0.80	MZCL: 0.76	"n"sh: 0.38	SETUP: V027V033V005V027V056				

REPORT INTERPRETATION BY: HEENINK

SH:	ARCHIE	DUAL SH	T.S.	M.T.S.	DISP.	INDOCL
REPORTED:	0	1	0	0	0	0

SHALE:	MINIMUM	GR	SP	R	M	M-D	M-S	D-S	M-W
REPORTED:	1	1	0	0	0	1	0	0	0

POROSITY:	MAXIMUM	PHID	PHIN	PHIS	PHIND	PHINS
REPORTED:	0	0	0	0	1	0

LOG SUMMARY:

LOGS:	ISF	DIL	ROD	SP	GR	BHC	FDC-CAL	NGT	MOT	RFT	CST
SURVEY:	1	0	1	1	2	1	1	0	1	16	63
PROCESSED:	1	0	1	1	2	1	1	0	1	3	48

COMMENT: SCHLUMBERGER. HOT HOLE - ESTIMATED STATIC BHT (EXLOG) = 358 DEG. F. HOLE IN GOOD CONDITION.
 LOG 1: LIT-CAL-GR-CAL: SIGNIFICANT TOOL STICKING BELOW 4207 AND BETWEEN 3737-3956, 3847-3855 AND 3707-3714.
 LOG 2: ISF-HEFL-BHC-GR-CAL: ISF-BHC-GR LOGGED GOING IN. ISF-HEFL-CAL LOGGED OUT. TOOL QUIT (TEMP.) BEFORE AFTER CAL.
 LOG 3: MOT: PAD-1 QUIT AT 4050. THREE PAD DIPS CAN BE COMPUTED ABOVE 4050.
 LOG 4: NST: CHANGE WATER GUN TO AIR GUN AT 2850. ATTEMPT S.A.T AT 2930. TOOL QUIT (TEMP.)
 LOG 5: USED REINFORCED AND CONVENTIONAL PACKERS. 16 SETS, 2 DRY TESTS AND 1 INTERPRETED VERY LOW PERM. (POSSIBLE SEAL FAILURE ASSOCIATED). NO FLUID SAMPLES OR VALID FORMATION PRESSURES OBTAINED.
 LOG 6: CST: 21 ATTEMPTS, 3 MISSING AND 2 EMPTY.
 LOG 7: CST: 21 ATTEMPTS, 2 MISSING AND 4 EMPTY.
 LOG 8: CST: 21 ATTEMPTS, 2 MISSING AND 2 EMPTY.

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