

PETRO TECH-1 COMPOSITE WELL LOG

PERMIT : PEP 135

BASIN : ONSHORE GIPPSLAND

LOCATION : Latitude. 37°51'57.2"S
Longitude. 147°59'56.8"E

ELEVATION : G.L. 48.97m ASL

K.B. 50.47m ASL

DRILLED BY : DAVID HENRY

RIG : BOURNE 200OR

SPUDED : : 13.00hrs 3 March, 1997

T.D. REACHED : 17.00hrs 6 March, 1997

RIG RELEASED : 13.00hrs 9 March, 1997

TOTAL DEPTH : 425m

PLUGGED BACK T.D. : CAPPED

CLASSIFICATION : APPRAISAL

STATUS : Plugged and Suspended

HOLE SIZE : 0-8m (AUGER)

445mm 0m-64m

152mm 60m-425m

MUD TYPES : :

445mm - Freshwater/Aquage/KCL

152mm - Aquage/Starch/KCL

SYMBOLS

NEW BIT RUN
NEW CORE BIT RUN
CASING SHOE
LINER HANGER
Recovered
SIDEWALL CORES
Not Recovered

CORED INTERVAL
NO SHOW
WEAK SHOW
FAIR SHOW
GOOD SHOW

WIRELINE LOGS RUN

PLUGS

BOTTOM	TOP	Sx CMT
425m	360m	1.9m
90m	30m	3.2m

CASING

SIZE	GRADE	SHOE	Sx CMT
457mm	CONDUCTOR	8m	
340mm		59.7m	

LOG SUITE		DLL /MSFL / GR / SP	CNS /PDS / GR	CSS / GR
Date		070397	070397	070397
Depth-Driller		431.4m	431.4m	431.4m
Depth-Logger		431.4m	431.4m	431.4m
Bottom Logged Interval		430.6m	430.4m	428.9m
Top Logged Interval		0.0m	130.0m	59.67m
Type Fluid in Hole		BENT /STARCH	BENT /STARCH	BENT /STARCH
Density	Visc.	1.12 42	1.12 42	1.12 42
pH	Fluid Loss	9.8 6.8	9.8 6.8	9.8 6.8
Max.Rec.Temp.Deg.		31.0°C	31.0°C	31.0°C
Source of Sample		FLOWLINE	FLOWLINE	FLOWLINE
Rm@Meas.Temp		0.04 @ 19.4°C	0.04 @ 19.4°C	0.04 @ 19.4°C
Rmc@Meas.Temp		0.319 @ 19.4°C	0.319 @ 19.4°C	0.319 @ 19.4°C
Rmc@Meas.Temp		0.710 @ 19.4°C	0.710 @ 19.4°C	0.710 @ 19.4°C
Source Rmf Source Rmc		PRESS PRESS	PRESS PRESS	PRESS PRESS
End Circulation		19.30 @ 060397	19.30 @ 060397	19.30 @ 060397
Logger on Bottom		01.30 @ 070397	03.30 @ 070397	07.30 @ 070397
Recorded By		S.ROSSETTI	S.ROSSETTI	S.ROSSETTI
Witnessed By		I.BUCKINGHAM	I.BUCKINGHAM	I.BUCKINGHAM

MUD DATA

W	WEIGHT	kg/m ³
MG	MUD GRADIENT	psi/ft
V	FUNNEL VISCOSITY	s/c
PV	PLASTIC VISCOSITY	Pa.s
YP	YIELD POINT	Pa
GEL	GEL STRENGTH	Pa
F	ACIDITY	
CK	FILTRATE	cm ³ /30 min
S	CAKE THICKNESS	mm
SD	SALINITY	kg/m ³
O	SAND CONTENT	%
WL	WATER LOSS	cm ³ /30 min
SOL	SOLIDS CONTENT	%
ST	FILTRATE ALKALINITY	%
GYP	GYPSUM CONTENT	kg/m ³

ABBREVIATIONS

NB	NEW BIT	DS	DIRECTIONAL SURVEY
NCB	NEW CORE BIT	WT	WIPER TRIP
RRB	RE-RUN BIT	POH	PULL OUT OF HOLE
CS	CASING SHOE	RH	RUN IN TO HOLE
SWC	SIDEWALL CORES	WOW	WAIT ON WEATHER
EL	ELECTRIC LOG	LAT	LOGGED AFTER TRIP
WOB	WEIGHT ON BIT	LCM	LOST CIRCULATION MATERIAL
RPM	REVS PER MINUTE	DC	DEPTH CORRECTION
PP	PUMP PRESSURE	DST	DRILL STEM TEST
SPM	STROKES PER MINUTE	RMG	REAMING
CR	CIRCULATED RETURNS	ML	MUD LOSSES
PR	POOR RETURNS	FR	FLOW RATE
NR	NO RETURNS	FC	FLOW CHECK
TG	TRIP GAS	BR	BIT RUN
CG	CONNECTION GAS		
WTG	WIPER TRIP GAS		

LITHOLOGIC SYMBOLS

CLAY CLAYSTONE	GRAVEL CONGLOMERATE	LIMESTONE CHALK	ANHYDRITE GYPSUM	TUFF	ARGILLACEOUS	T	CALCAREOUS	G	GLAUCONITIC	C	MICROFOSSILS
SHALE	BRECCIA	DOLOMITIC LIMESTONE	HALITE AND OTHER SALTS	VOLCANIC ROCK	SILTY	DOLOMITIC	M	MICACEOUS	↑	PLANT REMAINS	
SILT SILTSTONE	MARL	CALCAREOUS DOLOMITE	COAL AND OTHER CARBONACEOUS ROCK	INTRUSIVE IGNEOUS ROCK	SANDY	CARBONACEOUS	*	PYRITIC	○	CONCRETIONS	
SAND SANDSTONE	CHERT	DOLOMITE	CEMENT	METAMORPHICS	ARKOSIC	V	TUFFACEOUS	LD	FOSSILS	○	OIDS

EVALUATION

CONVENTIONAL CORE	BRIDGE PLUG	OPEN HOLE TEST	OIL
CEMENT PLUG	WATER, FRESH	STRADDLE TEST	SHOW OR STAIN
F.I.T./R.F.T.	WATER, SALT	INSIDE CASING	HYDROCARBON CUT
			FLUORESCENCE

