

Company: Esso Australia Ltd.

Well: A – 18A

Field: Halibut

STATE : Victoria

Country: Australia

Halibut A–18a
RST–A
Sigma Mode

STATE : Victoria
Field: Halibut
Location: Gippsland
Well: A – 18A
Company: Esso Australia Ltd.

LOCATION		
Gippsland	Elev.: K.B. G.L. –73 m D.F. 29.32 m	
Basin		
Bass Strait		
Permanent Datum:	M.S.L.	Elev.: 0 m
Log Measured From:	D.F.	29.3 m above Perm. Datum
Drilling Measured From:	D.F.	

RIG: Crane / Prod 4	Max. Well Deviation 45 deg	Longitude 148 19' 8.826" E	Latitude 038 24' 20.4580" S
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Logging Date	23–Apr–2000		
Run Number	One		
Depth Driller	2788 m		
Schlumberger Depth	2792 m		
Bottom Log Interval	2792 m		
Top Log Interval	2750 m		
Casing Fluid Type	Production Fluid		
Salinity			
Density			
Fluid Level	0 m		
BIT/CASING/TUBING STRING			
Bit Size	6.000 in		
From	1796.5 m		
To	2946 m		
Casing/Tubing Size	5.000 in		
Weight	15 lbn/ft		
Grade	VAM Top L80		
From	1645.82 m		
To	2896 m		
Maximum Recorded Temperatures	108 degC		
Logger On Bottom	24–APR–2000	Time	1:30
Unit Number	1	Location	Prod 4 / Vea
Recorded By	G Wright.		
Witnessed By	B Dingwall		

PVT DATA				Run 1	Run 2
Oil Density					
Water Salinity					
Gas Gravity					
Bo					
Bw					
1/Bg					
Bubble Point Pressure					
Bubble Point Temperature					
Solution GOR					
Maximum Deviation	45 deg				
CEMENTING DATA					
Primary/Squeeze	Primary				
Casing String No					
Lead Cement Type					
Volume					
Density					
Water Loss					
Additives					
Tail Cement Type					
Volume					
Density					
Water Loss					
Additives					
Expected Cement Top					
Logging Date					
Run Number					
Depth Driller					
Schlumberger Depth					
Bottom Log Interval					
Top Log Interval					
Casing Fluid Type					
Salinity					
Density					
Fluid Level					
BIT/CASING/TUBING STRING					
Bit Size					
From					
To					
Casing/Tubing Size					
Weight					
Grade					
From					
To					
Maximum Recorded Temperatures					
Logger On Bottom		Time			
Unit Number		Location			
Recorded By					
Witnessed By					

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OTHER SERVICES1 OS1: None OS2: OS3: OS4: OS5:			OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:		
REMARKS: RUN NUMBER 1			REMARKS: RUN NUMBER 2		
Log correlated to Esso Solar log of 29-Mar-2000.			This log was revisited in 2006 and played back with correct		
Maximum well deviation = 45 degree's at 1800m MDKB.			parameters. Initial log acquired had Bit Size = 7" as opposed		
Schlumberger TD = 2792 m MDKB.			to the correct size (Bit Size = 6").		
First logging pass was with the well shut-in,800 ft/hr, 2792m MDKB to 2750m MDKB.			Due to the nature of the situation, it is not possible to		
Well was shut-in 24 hrs prior to logging.			display the original logging "Input" files in the header of		
SBHP = 3170 psia SBHT = 226 degF			the logs. Below is a table depicting the input files used		
FBHP = 2899 psia FBHT = 227.5 degF			to generate the playback files displayed in this log.		
Passes 2 thru 4 were with the well flowing at normal			PASS - STATUS - INPUT FILE '00 - PLAYBACK FILE '0		
production rates.			-----		
Well rate's = Total fluid's 316 kl/d.			Sigma1 - Shut In - RSTA .008 - RST_PSP_005		
Water cut = 50%			Sigma2 - Flowing - RSTA .011 - RST_PSP_007		
			Sigma3 - Flowing - RSTA .012 - RST_PSP_009		
			Sigma4 - Flowing - RSTA .014 - RST_PSP_010		
Crew : John Light & Ben Taylor.					
			All passes were logged at 800 ft/hr.		
<div style="text-align: center;">RUN 1</div> <div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION:</div> <div>FLUID LEVEL:</div> </div> <div> <div>Prod4 200505</div> <div>14C0-302</div> <div>0 m</div> </div>			<div style="text-align: center;">RUN 2</div> <div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION:</div> <div>FLUID LEVEL:</div> </div> <div> <div></div> <div>14C0-302</div> <div>0 m</div> </div>		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
DOWNHOLE EQUIPMENT			
MH-22 MH-22 1		13.50	
EQF-43 EQF-43		13.09	

EQF-43
EQF-43
11.26

PSPT-A
PSPT 827
PBMS-B 827
9.43

RST-A
RSCH-A 108
RSC-A 45
RSS-A 106
RSXH-A 63
RSX-CA 59
7.02

RSSA Far
RSSA PNG
RSSA Near
4.24
4.09

Tension
TOOL ZERO
0.00

MAXIMUM STRING DIAMETER 1.72 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

