

Company: Esso Australia Pty.

Well: A7

Field: Tuna

Rig: Prod 2 / Rig 22 Country: Australia

Tubing Jet Cutters  
1-Mar-2006  
MAXIS Operating System

Prod 2 / Rig 22  
Tuna  
Gippsland  
A7  
Esso Australia Pty.

LOCATION			
Gippsland Basin Bass Strait	Permanent Datum:	Mean Sea Level	
	Log Measured From:	Kelly Bushing	
	Drilling Measured From:	Kelly Bushing	
State: Victoria	Max. Well Deviation 57 deg	Longitude 148°25' 05.29"E	Latitude 38°10' 16.00"S

Logging Date	1-Mar-2006		
Run Number	4,5,6		
Depth Driller	2783 m		
Schlumberger Depth	not tagged		
Bottom Log Interval	2277.8 m		
Top Log Interval	1727.5 m		
Casing Fluid Type	Sea Water		
Salinity			
Density			
Fluid Level			
BIT/CASING/TUBING STRING			
Bit Size	8.500 in		
From	735 m		
To	1897 m		
Casing/Tubing Size	3.500 in		
Weight	9.3 lbm/ft		
Grade	L-80		
From	13.5 m		
To	2179.96 m		
Maximum Recorded Temperatures			
Logger On Bottom	1-Mar-2006	16:32	
Unit Number	3827	AUSL	
Recorded By	G. Fraser, O. Tahmisiic		
Witnessed By	Jimmy Dean, Donald Broomfield		

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	57 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					
Unit Number					
Recorded By					
Witnessed By					

## Date Created: 16-APR-2006 1:12:58

## Logging Cable

Type:	2-32ZT
Serial Number:	4202
Length:	6722.97 M
Conveyance Method:	Wireline
Rig Type:	Offshore Fixed

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	Completions Schematic
Reference Log Run Number:	not applicable
Reference Log Date:	dd-Mmm-yyyy
Subsequent Trip Down Log Correction:	-5.79 M

1. All Schlumberger Depth Control Procedures followed.
2. CCL response correlated to Completion Schematic.
3. IDW used as Primary Depth Control.
4. Z-Chart used as Secondary Depth Control.
- 5.
- 6.

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.



OTHER SERVICES2  
OS1:  
OS2:  
OS3:  
OS4:  
OS5:

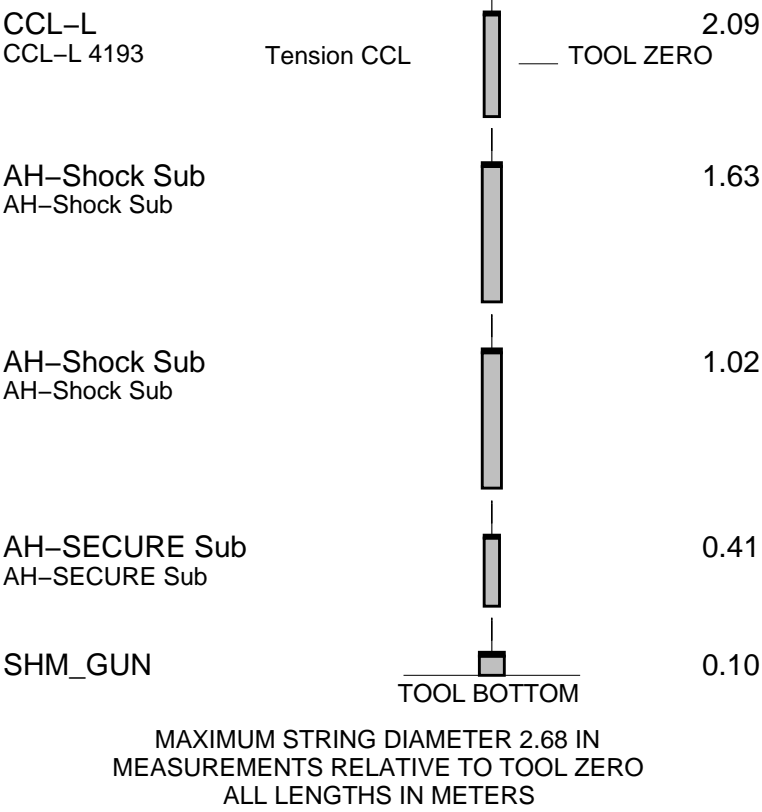
REMARKS: RUN NUMBER 2

1. Cut 0.5m above dual packer in the short string (1728.5m)
2. Cut 21.7m above sliding sleeve in the long string (2277.8m)
3. Cut 1.5m above dual packer in the long string (1727.5m)

All joints cut successfully cut. Please refer to logs for CCI stop depths.

All joints cut successfully cut. Please refer to logs for COE stop depths.					
When cutting the long string below the dual packer, Schlumberger unit shut down abruptly, thus there are two seperate logs for the shooting pass.					
Tool string as per enclosed sketch.					
Well sketch as per Completions Program (21–Aug–1994)					
All procedures carried out according to Schlumberger's SOP.					
Schlumberger crew: S. McGee, D. Watts, R. Murray, N. Simmons					
Performed by Schlumberger.					
<div>RUN 1</div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION: 14C0–302</div> <div>FLUID LEVEL:</div>			<div>RUN 2</div> <div>SERVICE ORDER #:</div> <div>PROGRAM VERSION:</div> <div>FLUID LEVEL:</div>		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		
<div>SURFACE EQUIPMENT</div> <div>WITM (SHM)–TMD 415</div>					
<div>DOWNHOLE EQUIPMENT</div> <div> <div> <div>MH–SWHS–A</div> <div>MH–SWHS–A 754</div> </div> <div> <div>4.43</div> <div>  </div> </div> <div> <div>AH–38</div> <div>3.95</div> </div> <div> <div>EQF–43</div> <div>EQF–43 281</div> </div> <div> <div>3.92</div> <div>  </div> </div> </div>					



Client: Esso Australia Pty.

Well: A7

Field: Tuna

State: Victoria

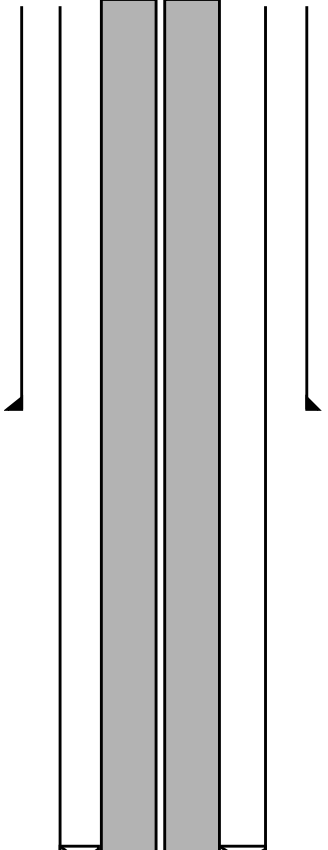
Country: Australia

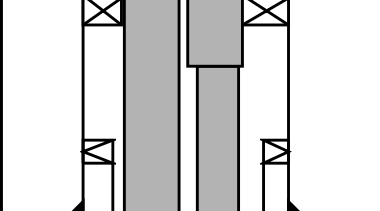





Rig Name: Rig 22

Reference Datum: Kelly Bushing

Elevation: 32.1 m

2/26/2006

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
Short Tubing, 9.2 lbs/ft, L-80 Long Tubing, 6.5 lbs/ft, L-80	3.500 2.875	2.992 2.441	13.5 13.5		14.8 14.4	13.375 9.625	12.615 8.835	Casing String, 54.50 lbs/ft, K-55 Casing String, 40.00 lbs/ft, K-55
					735.5	13.375	12.615	Casing Shoe

					1765.2 1765.2 1897.0	7.000 9.625 9.625	6.366 7.000 8.835	Casing String, 23.00 lbs/ft, K-55 Liner Hanger Casing Shoe
Tubing Bottom	3.500	2.992	2180.0					
Tubing Bottom	2.875	2.441	2532.6					
Bridge Plug	7.000	0.000	2673.0		2709.0			Perforation Zone
Bridge Plug	7.000	0.000	2797.0		2791.5			Perforation Zone
Bridge Plug	7.000	0.000	2838.0		2803.5 2809.0			Perforation Zone Perforation Zone
Packer	7.000	1.000	2888.0					
Bridge Plug	7.000	0.000	2890.0		2918.1	7.000	6.366	Casing Shoe