

Company: Esso Australia Pty.

Well: A7

Field: Tuna

Rig: Prod 2 / Rig 22 Country: Australia

1-11/16" Tubing Puncher  
2-1/8" Chemical Cutter  
26-Feb-2006

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

LOCATION			
Gippsland	Elev.: K.B. 32.9 m		
Basin	G.L. -59 m		
Bass Strait	D.F. 32.9 m		
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	26-Feb-2006			27-Feb-2006	
Run Number	1			2	
Depth Driller	2783 m			2783 m	
Schlumberger Depth	not tagged			not tagged	
Bottom Log Interval	1738.61 m			2295 m	
Top Log Interval	1738 m			2295 m	
Casing Fluid Type	Sea Water			Sea Water	
Salinity					
Density					
Fluid Level					
BIT/CASING/TUBING STRING					
Bit Size	8.500 in			8.500 in	
From	735 m			735 m	
To	1897 m			1897 m	
Casing/Tubing Size	2.875 in			2.875 in	
Weight	6.5 lbm/ft			6.5 lbm/ft	
Grade	L-80			L-80	
From	1734.24 m			1734.24 m	
To	2532.82 m			2532.82 m	
Maximum Recorded Temperatures					
Logger On Bottom	26-Feb-2006		20:18	27-Feb-2006	5:05
Unit Number	3827	AUSL		3827	AUSL
Recorded By	G. Fraser, O. Tahmistic			G. Fraser, O. Tahmistic	
Witnessed By	Jimmy Dean, Don Broomfield			Jimmy Dean, Don 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		57 deg			
CEMENTING DATA						
Primary/Squeeze	Primary		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						

## 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:	
Subsequent Trip Down Log Correction:	

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.

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OTHER SERVICES2  
OS1:     Tubing Puncher  
OS2:     Jet Cutters  
OS3:  
OS4:  
OS5:

REMARKS: RUN NUMBER 2

**Objectives:** Clear inner tubing from scale build-up with String Shot. Then Chemically Cut long string in the first joint above the single packer.

String Shot: Two 3m strands of 80 LS (RDX) primacord

String shot depth = 2295 mMDKB

Shooting depth = 1736 mMDKB			String shot depth = 2293 mMDKB		
CCL to Top Shot = 1.4m			CCL to Middle of String Shot = 2.9 m		
CCL Stop Depth = 1736.6 mMDKB			CCL Stop Depth = 2292.1 mMDKB		
Correlated to Completion Schematic using CCL response.			Chemical Cutter: 2–1/8", One 1–11/16" x 72" cylinder		
Tool string as per enclosed sketch.			Tubing cutting depth = 2295 mMDKB		
Well sketch as per Completions Schematic (21–Aug–1994)			CCL to Severing Head = 3.1m		
All procedures carried out according to Schlumberger's SOP's.			CCL Stop Depth = 2291.9 mMDKB		
			Correlated to Completions Schematic as of 21–Aug–1994		
Schlumberger crew: P. Battams, S. McGee, C. Armstrong, N. Simmons			Schlumberger crew: P. Battams, S. McGee, C. Armstrong, N. Simmons		
Performed by Schlumberger.			Performed by Schlumberger.		
<p style="text-align: center;">RUN 1</p> <p>SERVICE ORDER #: PROGRAM VERSION: 13C0–300 FLUID LEVEL:</p>			<p style="text-align: center;">RUN 2</p> <p>SERVICE ORDER #: PROGRAM VERSION: 13C0–300 FLUID LEVEL:</p>		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

AH

MPD-F

MPD-F 3930

2.30

2.27

SHM\_GUN

GUN-Tubing Puncher

1.78

TOOL BOTTOM

MAXIMUM STRING DIAMETER 1.69 IN  
MEASUREMENTS RELATIVE TO TOOL ZERO  
ALL LENGTHS IN METERS

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Client: Esso Australia Pty.

Well: A7

Field: Tuna

State: Victoria

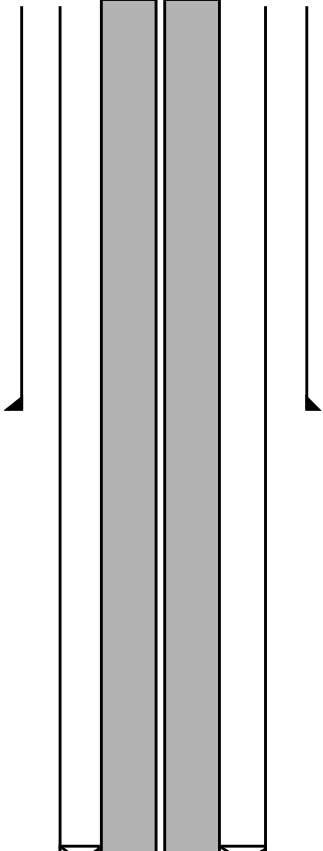
Country: Australia

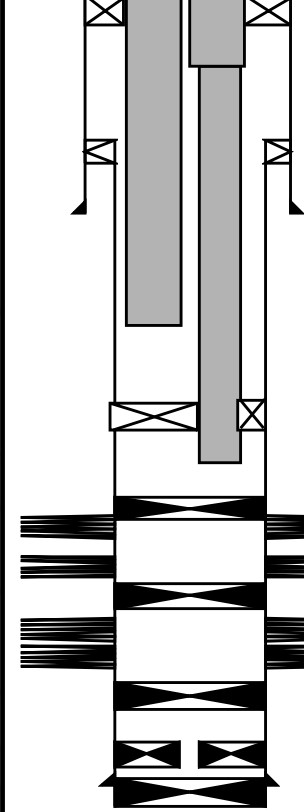
Rig Name: Rig 22

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