

Company: Esso Australia Pty. Ltd.

Well: A13

Field: Tuna

Rig: Rig 22 / Prod 2 Country: Australia

2.5" Power Cutter
Long String – 1485 mMDKB
MAXIS Operating System

Rig: Rig 22 / Prod 2
Field: Tuna
Location: Gippsland
Well: A13
Company: Esso Australia Pty. Ltd.

LOCATION			
Gippsland Basin Bass Strait	Permanent Datum:	Mean Sea Level	Elev.: K.B. 32.1 m
	Log Measured From:	Kelly Bushing	G.L. -59 m
	Drilling Measured From:	Kelly Bushing	D.F. 32.1 m
State: Victoria	Max. Well Deviation 27 deg	Longitude 148°25' 05.29"E	Latitude 38°10' 16.00"S

Logging Date	21-Apr-2006		
Run Number	1		
Depth Driller	2084.4 m		
Schlumberger Depth	not tagged		
Bottom Log Interval	1485 m		
Top Log Interval	1485 m		
Casing Fluid Type	Sea Water		
Salinity			
Density			
Fluid Level	0 m		
BIT/CASING/TUBING STRING			
Bit Size			
From			
To			
Casing/Tubing Size	3.500 in		
Weight	9.3 lbm/ft		
Grade	L-80		
From	13.59 m		
To	1917.3 m		
Maximum Recorded Temperatures			
Logger On Bottom	21-Apr-2006	16:17	
Unit Number	3827	AUSL	
Recorded By	S. Pottsuwan, O. Tahmiscic		
Witnessed By	M. Wilson, B. Woodward		

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	27 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: 21-APR-2006 16:32:14

Logging Cable

Type:	2-32ZT
Serial Number:	24031
Length:	6274.92 M
Conveyance Method:	Wireline
Rig Type:	Offshore Fixed

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	"Tuna A13: Existing Tubing String Summary"
Reference Log Run Number:	
Reference Log Date:	5-Dec-2005
Subsequent Trip Down Log Correction:	-2.00 M

1. All Schlumberger Depth Control Procedures followed.
2. CCL response correlated to "Tuna A13: Existing Tubing String Summary"
3. IDW used as Primary Depth Control.
4. Z-Chart used as Secondary Depth Control.
- 5.
- 6.

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

REMARKS: RUN NUMBER 2

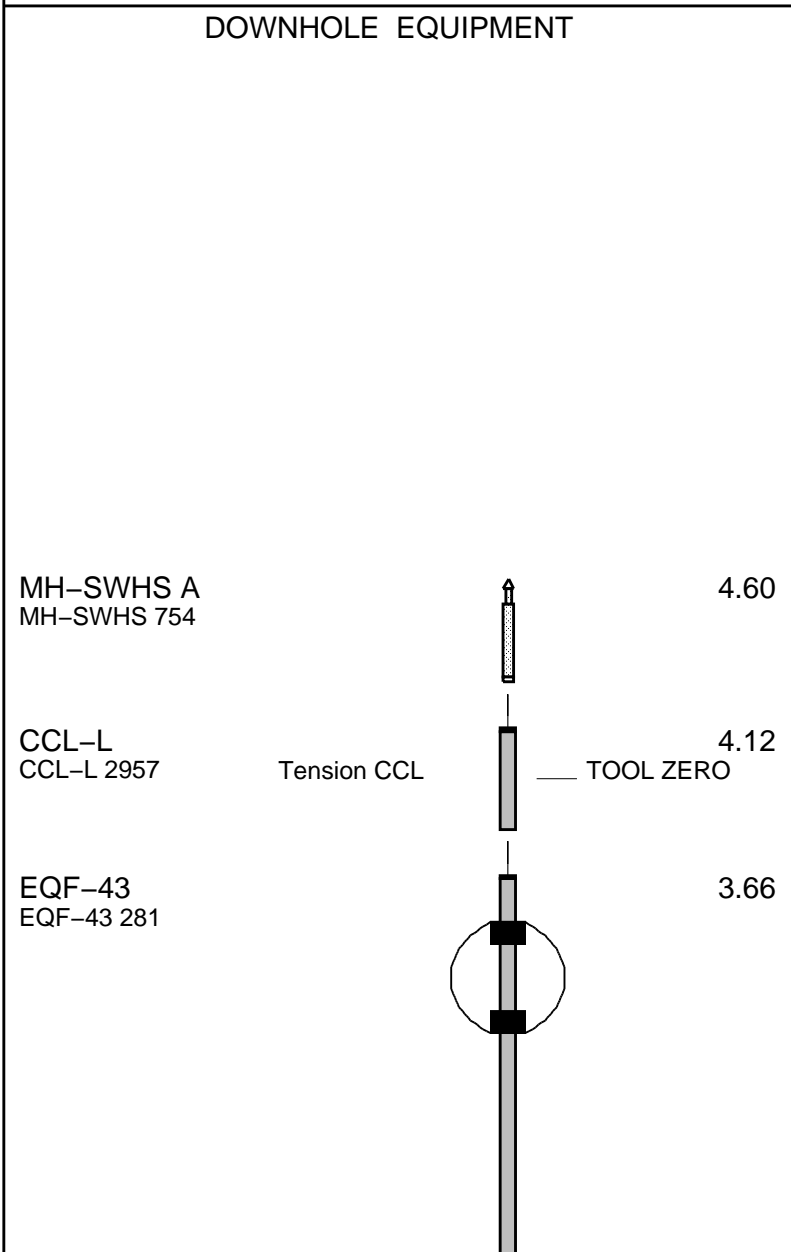
Explosive cutter used: 2.5" Power Cutter (HMX)

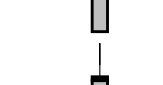
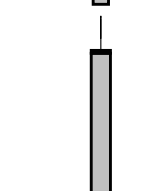
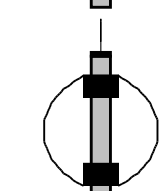
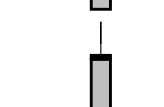
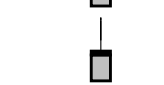
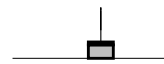
Explosive cutter used: 2.5" Power Cutter (PMX)	
CCL to middle of Power Cutter = 3.8 m	
Tubing cut depth = 1485.0 mMDKB	
CCL Stop Depth = 1481.2 mMDKB	
Tool string as per enclosed sketch.	
Well sketch copied from program schematic.	
Day crew: P. Battams and S. Kiss	
Night crew: D. Stuckey and B. Flynn	
Performed by Schlumberger.	

RUN 1			RUN 2		
SERVICE ORDER #: AUSL06185778 PROGRAM VERSION: 14C0-302 FLUID LEVEL: 0 m			SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		

SURFACE EQUIPMENT
 WITM (SHM) 415



AH-M-M Adapter		1.83
AH-2" Shock Absorber		1.78
AH-2" Shock Absorber		
AH-2" Shock Absorber		1.12
AH-2" Shock Absorber		
AH-2" SECURE Sub		0.46
AH-2" SECURE Sub		
AH-Power Cutter Adapter		0.21
AH-Power Cutter Adapter		
SHM_GUN-2.5" PwrCutter		0.08

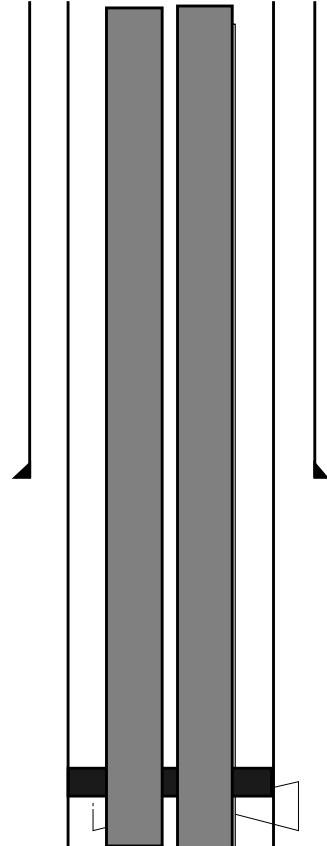

TOOL BOTTOM

MAXIMUM STRING DIAMETER 3.00 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: Esso Australia Pty. Ltd.
Well: A13
Field: Tuna
State: Victoria
Country: Australia

Rig Name: Rig 22
Elevation: 32.1 m

4/20/2006

Production String	(in)		(m)	Well Schematic	(m)		(in)	Casing String
	OD	ID	MD		MD	OD	ID	
Tubing, 9.3 lbs/ft, L-80	3.500	2.992	13.6		14.3	13.375	12.615	Casing String, 54.40 lbs/ft, K-55
Tubing, 9.3 lbs/ft, L-80	3.500	2.992	13.6		14.3	9.625	8.835	Casing String, 40.00 lbs/ft, K-55
Packer - Dual	8.835	0.000	1476.7		690.8	13.375	12.615	Casing Shoe

