

**Company: Esso Australia Pty Ltd.**

**Well: BMA A-26**

**Field: Bream**

**Rig: Rig 22**

**Country: Australia**

**2.5" Powercutter-CCL**

Rig: Rig 22  
 Field: Bream  
 Location: Bass Strait  
 Well: BMA A-26  
 Company: Esso Australia Pty Ltd.

LOCATION					
Bass Strait	Elev.: K.B. 33.5 m				
Gippsland	G.L. -59 m				
Basin	D.F. 32 m				
Permanent Datum:	Mean Sea Level	Elev.: 0 m			
Log Measured From:	Drill Floor	32.0 m	above Perm. Datum		
Drilling Measured From:	Kelly Bushing				
State: Victoria	Max. Well Deviation 72 deg	Longitude 147°46' 15"E	Latitude 38°30' 4"S		

Logging Date	31-Dec-2006	
Run Number	1	
Depth Driller	4475 m	
Schlumberger Depth	3649.8 m	
Bottom Log Interval	3649.8 m	
Top Log Interval	3604.6 m	
Casing Fluid Type	Inhibited Sea Water	
Salinity		
Density	8.3 lbm/gal	
Fluid Level	0 m	
BIT/CASING/TUBING STRING		
Bit Size	8.000 in	
From	4033 m	
To	4425 m	
Casing/Tubing Size	3.500 in	
Weight	26 lbm/ft	
Grade	L-80	
From	12 m	
To	4339 m	
Maximum Recorded Temperatures		
Logger On Bottom	Time	
Unit Number	Location	
Recorded By	Alex Sword	
Witnessed By	Mr. Bruce Woodward/Mr. Shane Murphy	

		Run 1	Run 2
PVT DATA			
Oil Density			
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	72 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			

### DEPTH SUMMARY LISTING

Date Created: 2-JAN-2007 8:23:27

#### Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-B/A	Type:	2-32ZT
Serial Number:	727	Serial Number:	1711	Serial Number:	-999
Calibration Date:	23-Mar-2006	Calibration Date:	1-Dec-06	Length:	6249.92 M
Calibrator Serial Number:	9	Calibrator Serial Number:	1173	Conveyance Method:	Wireline
Calibration Cable Type:	2-32ZT	Calibration Gain:	1.00	Rig Type:	Offshore_Fixed
Wheel Correction 1:	-1	Calibration Offset:	695.00		
Wheel Correction 2:	-2				

#### Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	Tubing Tally
Reference Log Run Number:	
Reference Log Date:	19-Jan-1998
Subsequent Trip Down Log Correction:	0.00 M

#### Depth Control Remarks

1. Schlumberger deth control policy followed
- 2.
- 3.
- 4.
- 5.
- 6.

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OTHER SERVICES1	OTHER SERVICES2
OS1:	OS1:
OS2:	OS2:
OS3:	OS3:
OS4:	OS4:
OS5:	OS5:

REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
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Log Correlated to Tubing Tally Provided by client dated: 17-02-1998

During logging operation was unable to achieve desired cut depth with powercutter string due to high deviation and poor tubing condition. Client decided to make cut @ 200m higher than programmed cut depth.

Call was made by client to cut at current depth in between collars to reduce the fish length as much as possible.

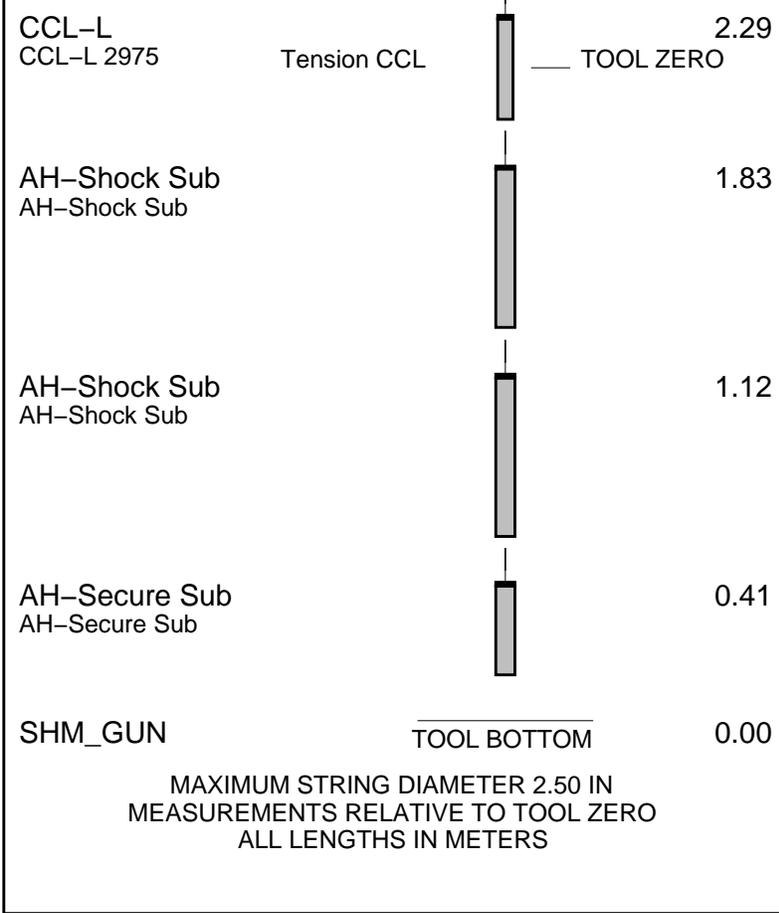
Cutter used was a 2.5" HMX Powercutter.  
 CCL to Topshot = 1.94 Metres.

Schlumberger Crew:  
 Days: Dave Stuckey, Simon Kiss Nights: Paul Flood, Gerald Brady.  
 Performed by SCHLUMBERGER

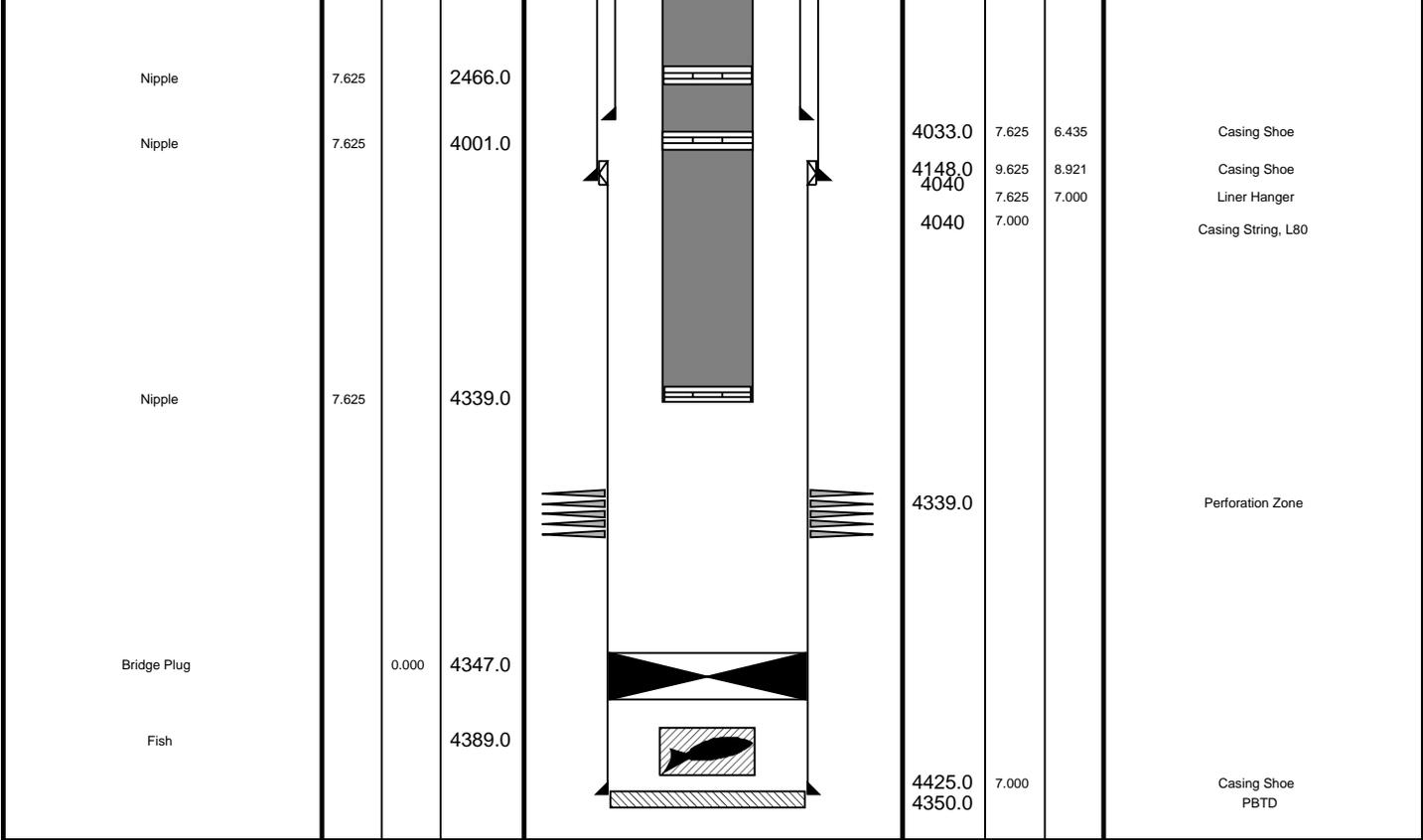
RUN 1			RUN 2		
SERVICE ORDER #:		14C0-302 0 m	SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

### EQUIPMENT DESCRIPTION

RUN 1	RUN 2
SURFACE EQUIPMENT	
WITM (SHM)	
DOWNHOLE EQUIPMENT	
MH-22 MH-22	 5.22
EQF-38 EQF-38	 4.74
EQF-38 EQF-38	 3.52



Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
Mean Sea Level			0.0					
Tubing	7.625	7.625	0.0		0.0	9.625	8.921	Casing String
Shutin Valve	7.625		468.2		0.0	7.625	6.435	Casing String
Gas Lift Mandrel	7.625		806.0					
Gas Lift Mandrel	7.625		2452.0					



# Shoot Log

MAXIS Field Log

## PERFO2 Operational Summary Listing

Device	Status	Req Depth ( M)	Obs Depth ( M)	Time Used
GUN1	Used	3651.9	3651.9	Mon Jan 01 00:57:47 2007

Company: \_\_\_\_\_ Well: \_\_\_\_\_

### Output DLIS Files

DEFAULT	PERFO_016LUP	FN:15	PRODUCER	01-Jan-2007 00:54	3649.8 M	3604.6 M
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# OP System Version: 14C0-302

MCM

SHM\_GUN      14C0-302

CCL-L

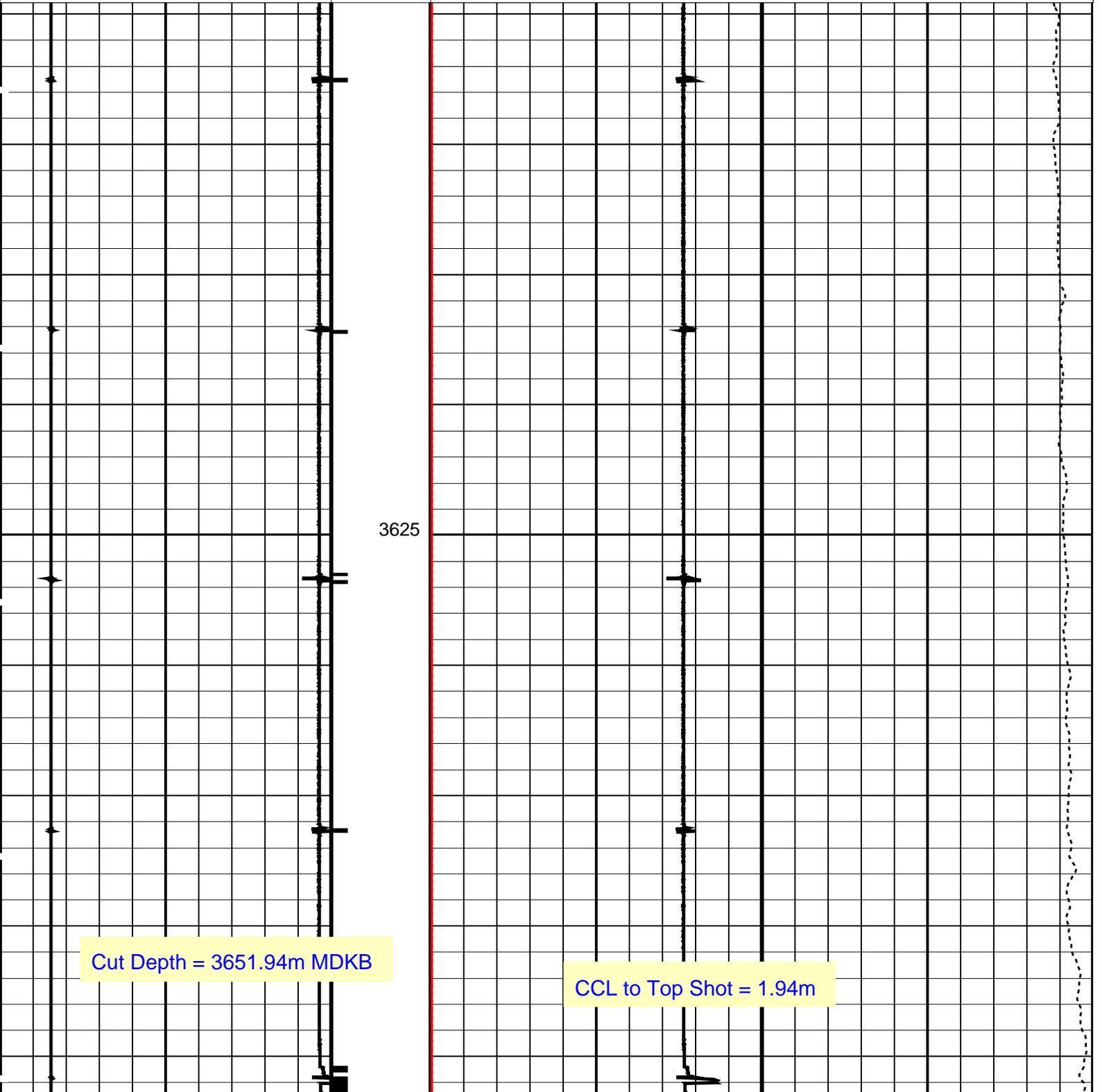
14C0-302

## PIP SUMMARY

└─ Casing Collars

Time Mark Every 60 S

	Shifted Casing Collar Locator (SCCL)	Tension (TENS)
	-10      (----)      10 0	(LBF)      2000
Raw Casing Collar Locator (RCCL)	DCMAIN Current (DCC)	
-3      (----)      17	0      (MA)      2000	
Casing Collar Locator (CCL)	DCMAIN Voltage (DCV)	
-19      (----)      1	0      (V)      200	



Cut Depth = 3651.94m MDKB

CCL to Top Shot = 1.94m

CCL Stop Depth = 3650m MDKB

Casing Collar Locator (CCL)		
-19	(----	1
Raw Casing Collar Locator (RCCL)		
-3	(----	17

<b>DCMAIN Voltage (DCV)</b>	
0	200
(V)	
<b>DCMAIN Current (DCC)</b>	
0	2000
(MA)	
<b>Shifted Casing Collar Locator (SCCL)</b>	<b>Tension (TENS)</b>
-10	10 0
(----	(LBF)
	2000

PIP SUMMARY

← Casing Collars

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
CCL-L	Casing Collar Locator	
CCLD	CCL reset delay	12 IN
CCLT	CCL Detection Level	0.3 V

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 01-Jan-2007 00:54

OP System Version: 14C0-302

MCM

SHM\_GUN 14C0-302 CCL-L 14C0-302

Output DLIS Files

DEFAULT PERFO\_016LUP FN:15 PRODUCER 01-Jan-2007 00:54

Company: Esso Australia Pty Ltd.

Schlumberger

Well: BMA A-26

Field: Bream

Rig: Rig 22

Country: Australia

2.5" Powercutter-CCL