

Company: Esso Australia Pty Ltd

Well: BTA_A-3W
Field: Barracouta
Rig: SHU/Prod 2

Country: Australia

1-11/16" BackOff
Perforation Record
27-Oct-2008

Rig: SHU/Prod 2
Field: Barracouta
Location: Gippsland
Well: BTA_A-3W
Company: Esso Australia Pty Ltd

LOCATION

Gippsland	Elev.: K.B. 55.87 m	G.I.L. -45.70 m
Basin		D.F. 55.87 m
Basin Strait		
Permanent Datum:	MSL	Elev.: 0.00 m
Log Measured From:	D.F.	55.87 m above Perm. Datum
Drilling Measured From:	D.F.	
State: Victoria	Max. Well Deviation 2.5 deg	Longitude 147° 40' 29" E
		Latitude 38° 17' 53" E

Logging Date: 27-Oct-2008

Run Number: 1

Depth Driller: 501.5 m

Schlumberger Depth: 3477.69 m

Bottom Log Interval: 500 m

Top Log Interval: 380 m

Casing Fluid Type: Brine

Salinity:

Density: 9.8 lbm/gal

Fluid Level: 0 m

BIT/CASING/TUBING STRING

Bit Size: 12.250 in

From: 502.6 m

To: 3117 m

Casing/Tubing Size: 3.500 in

Weight:

Grade: HWDP / SPEAR

From: 20 m

To: 504 m

Maximum Recorded Temperatures

Logger On Bottom: 27-Oct-2008 Time: 19:00

Unit Number: 3827 Location: AUSL

Recorded By: C Rowand, M Pratt

Witnessed By: Mr. J. Dean, Mr. B. Robinson

PVT DATA

Oil Density	Run 1	Run 2	F
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	2.5 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: 21-OCT-2008 14:36:33

Depth System Equipment

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-H Serial Number: 794 Calibration Date: Calibrator Serial Number: 1009 Calibration Cable Type: 7-46ZV XS Wheel Correction 1: -6 Wheel Correction 2: -4	Type: CMTD-B/A Serial Number: 1711 Calibration Date: 07-Oct-2008 Calibrator Serial Number: 1173 Number of Calibration Points: 10 Calibration RMS: 19 Calibration Peak Error: 33	Type: 7-46ZV XS Serial Number: 77117 Length: 4559 M <hr/> Conveyance Method: Wireline Rig Type: Offshore Fixed

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	No correlation log
Reference Log Run Number:	No correlation log
Reference Log Date:	No correlation log

Depth Control Remarks

<p>3. SHU drill floor at 20.0 M w.r.t. original D.F.</p> <p>4.</p> <p>5.</p> <p>6. CMTD calibration: a=3.38E-6, b=0.8250, c=-230.3</p>	
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DISCLAIMER

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OTHER SERVICES1 OS1: GR-CCL OS2: OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
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REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
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1-11/16" Back off correlated to BHA sheet provided by the client

Objective: Run inside HWDP into the Baker Hughes spear assembly that is lodged

in 7" casing. Our aim was to place the centre of the backoff strip in the centre

of the 6.095" Grapple and fire. A dummy run indicated that we were getting held

on a 1.5" Flex joint that was not on the BHA Sheet. It was decided by the client

to run the backoff as far as we could get down and shoot.

The backoff was shot with torque applied to the spear, the spear was dislodged from the 7" casing.

SAFE initiated
 GR-CCL tagged top of flex joint 499.6 M

RUN 1			RUN 2		
SERVICE ORDER #:	4500508431		SERVICE ORDER #:		
PROGRAM VERSION:	16C0-147		PROGRAM VERSION:		
FLUID LEVEL:	0 m		FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT		SURFACE EQUIPMENT	
WITM (SHM)		WITM (SHM)	

RUN 1		RUN 2	
DOWNHOLE EQUIPMENT		DOWNHOLE EQUIPMENT	
MH-PEH-EF MH-PEH-EF 1003	3.68	MH-PEH-EF MH-PEH-EF 1003	7.07
EQF-43 EQF-43 201	3.20	EQF-43 EQF-43 201	6.59
		CCL-PCCL-L CCL-PCCL-L 7353	4.76
		Tension CCL	TOOL ZERO
		SAFE	4.31
		AH-WPSA-BA AH-WPSA-BA 4001	4.31
		MPD-F MPD-F 3930	3.59

UPCT-A
UPCC-A
UPCH-A 494

Gamma Ray

Casing Co
Tension



1.37

0.79

TOOL ZERO

SHM_GUN

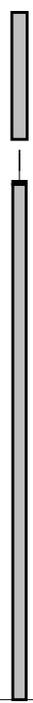
TOOL BOTTOM

0.00

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

AH-SAFE
AH-SAFE

SHM_GUN
GUN-Back Off Strip

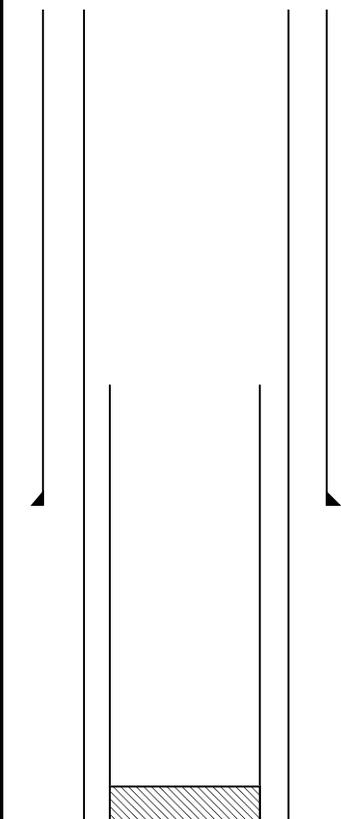


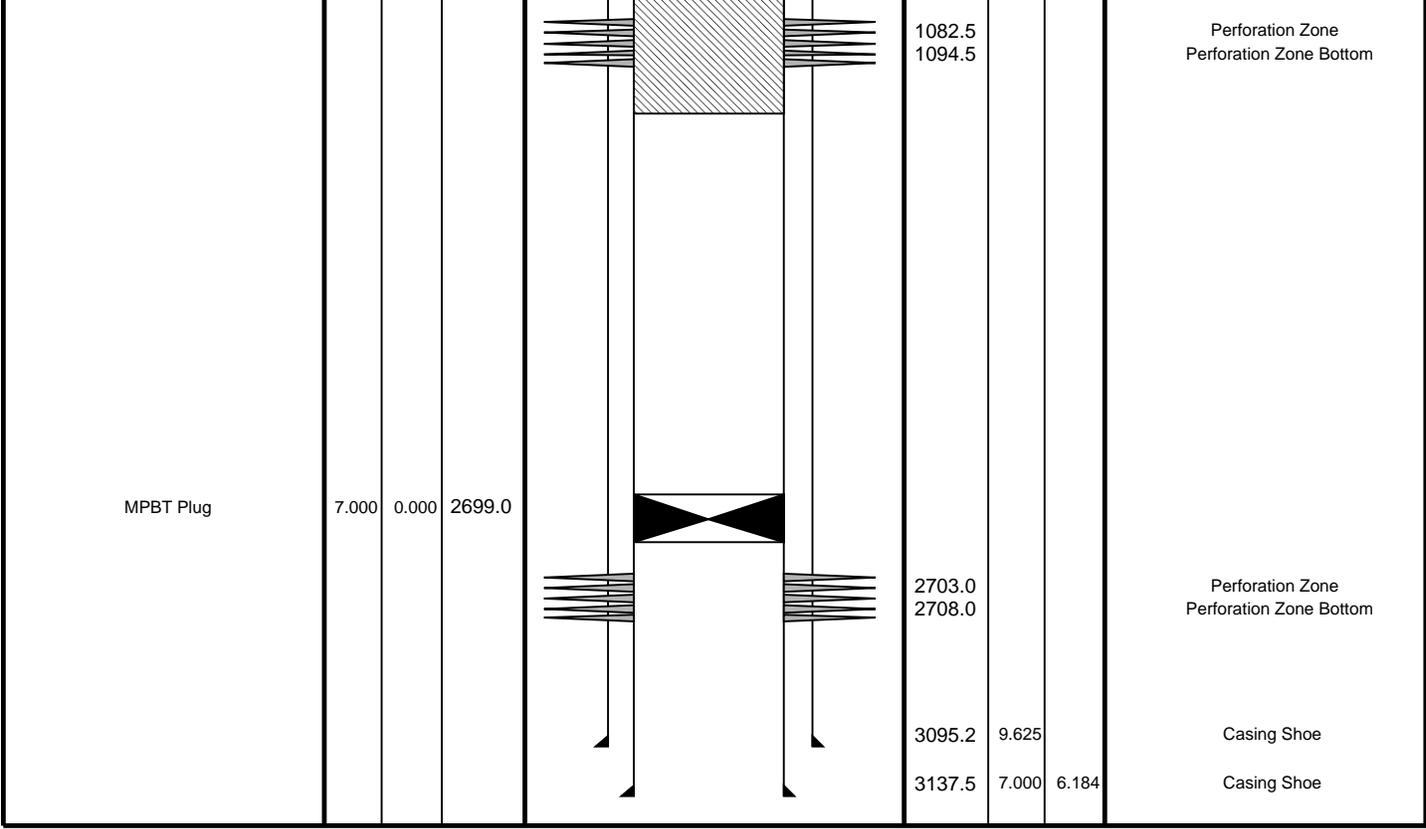
3.10

2.49

TOOL BOTTOM

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

Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
					40.7	9.625		Casing String
					502.6	7.000	6.184	Casing String
					797.1	13.375		Casing Shoe
					1065.0			Cement Plug



1-11/16" Back Off Record

MAXIS Field Log

Company: Esso Australia Pty Ltd Well: BTA_A-3W

Input DLIS Files

DEFAULT	Flip_PERFO_197LUP	PRODUCER	27-Oct-2008 23:44	497.7 M	357.8 M
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Output DLIS Files

DEFAULT	PERFO_197PUP	FN:202 PRODUCER	27-Oct-2008 23:45	497.7 M	357.8 M
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OP System Version: 16C0-147 MCM

SHM_GUN	16C0-147	SAFE	16C0-147
CCL-L	16C0-147		

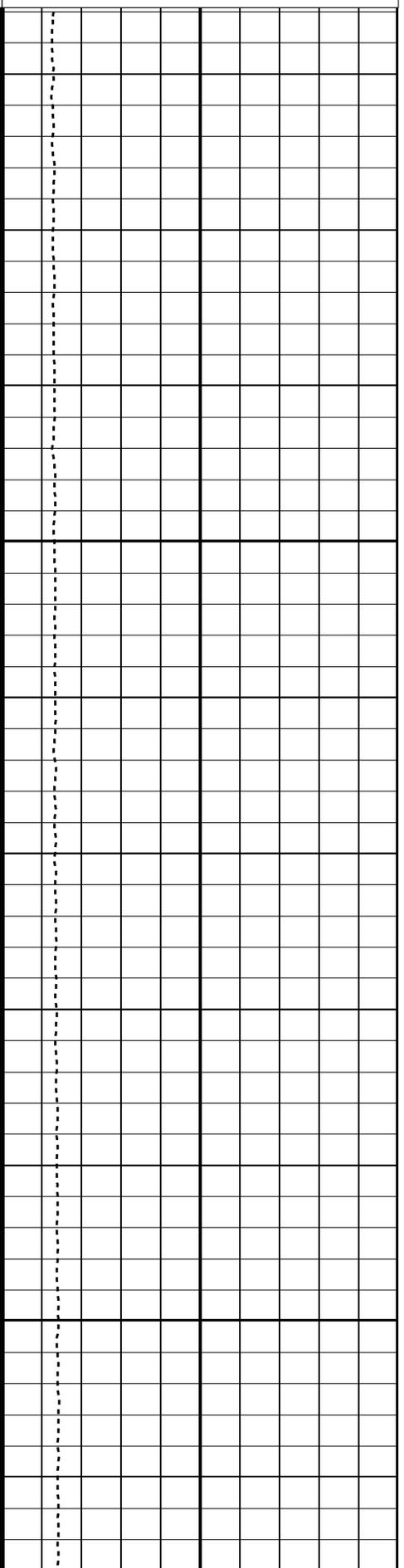
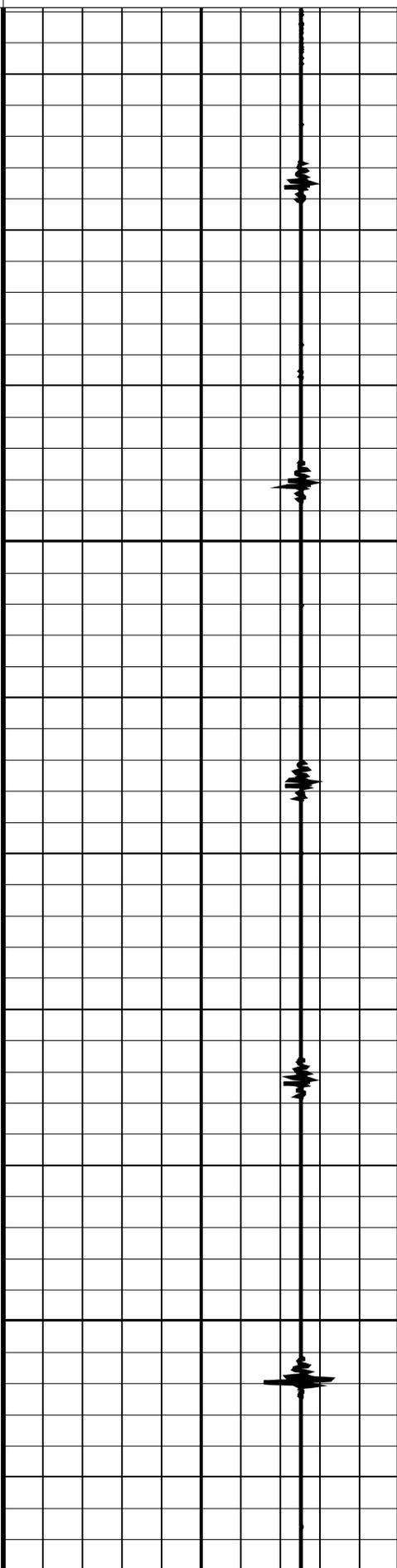
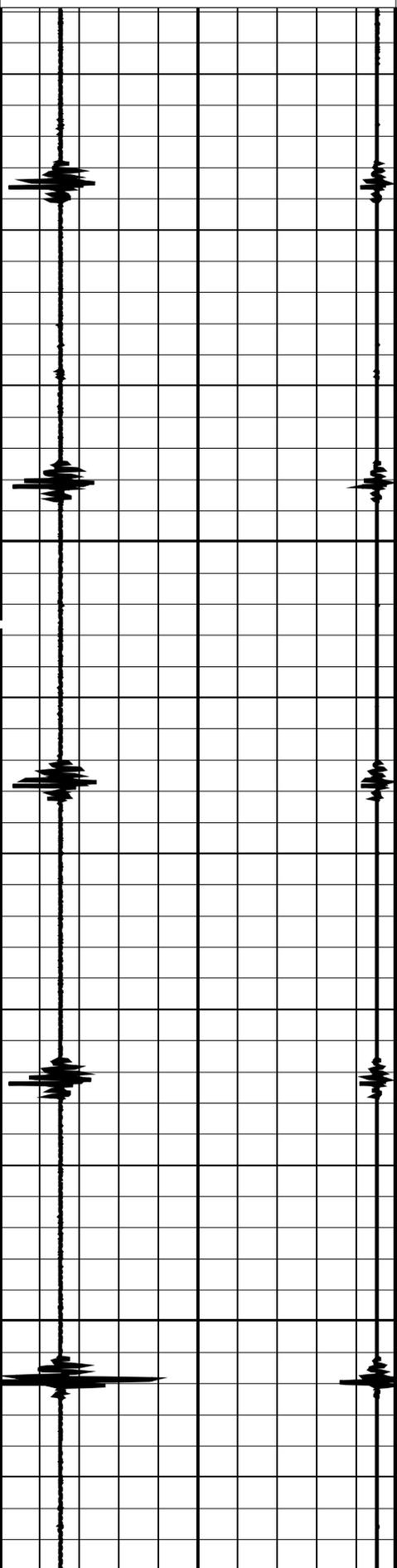
Time Mark Every 60 S

Raw Casing Collar Locator (RCCL)
-3 (----) 17

Casing Collar Locator (CCL)
-19 (----) 1

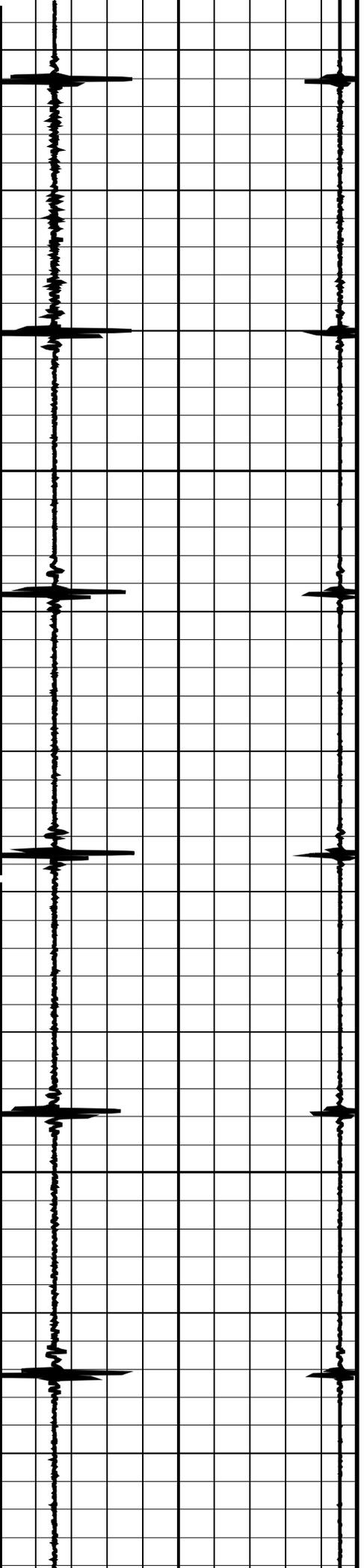
Shifted Casing Collar Locator (SCCL)
-10 (----) 10 0

Tension (TENS)
(LBF) 3000



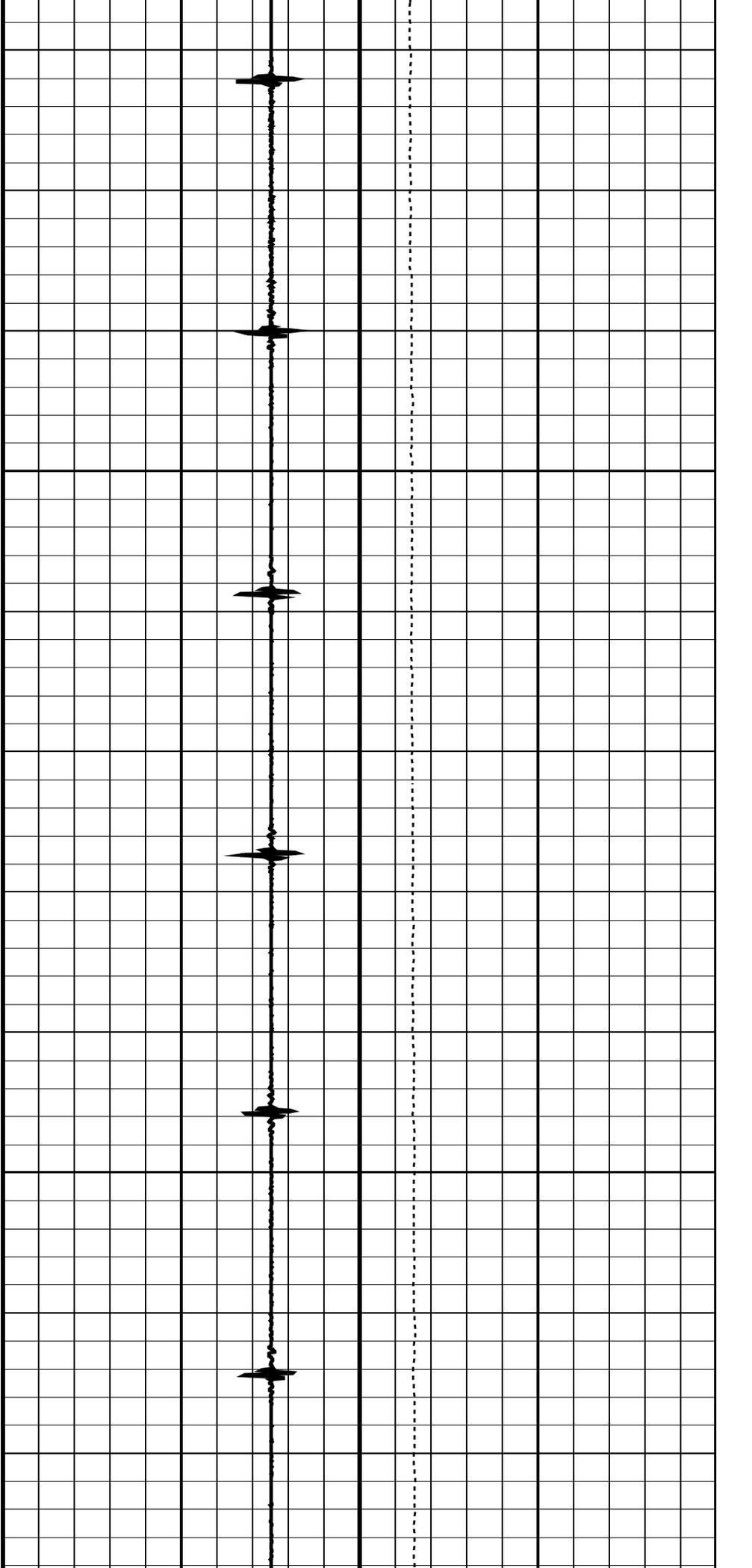
375

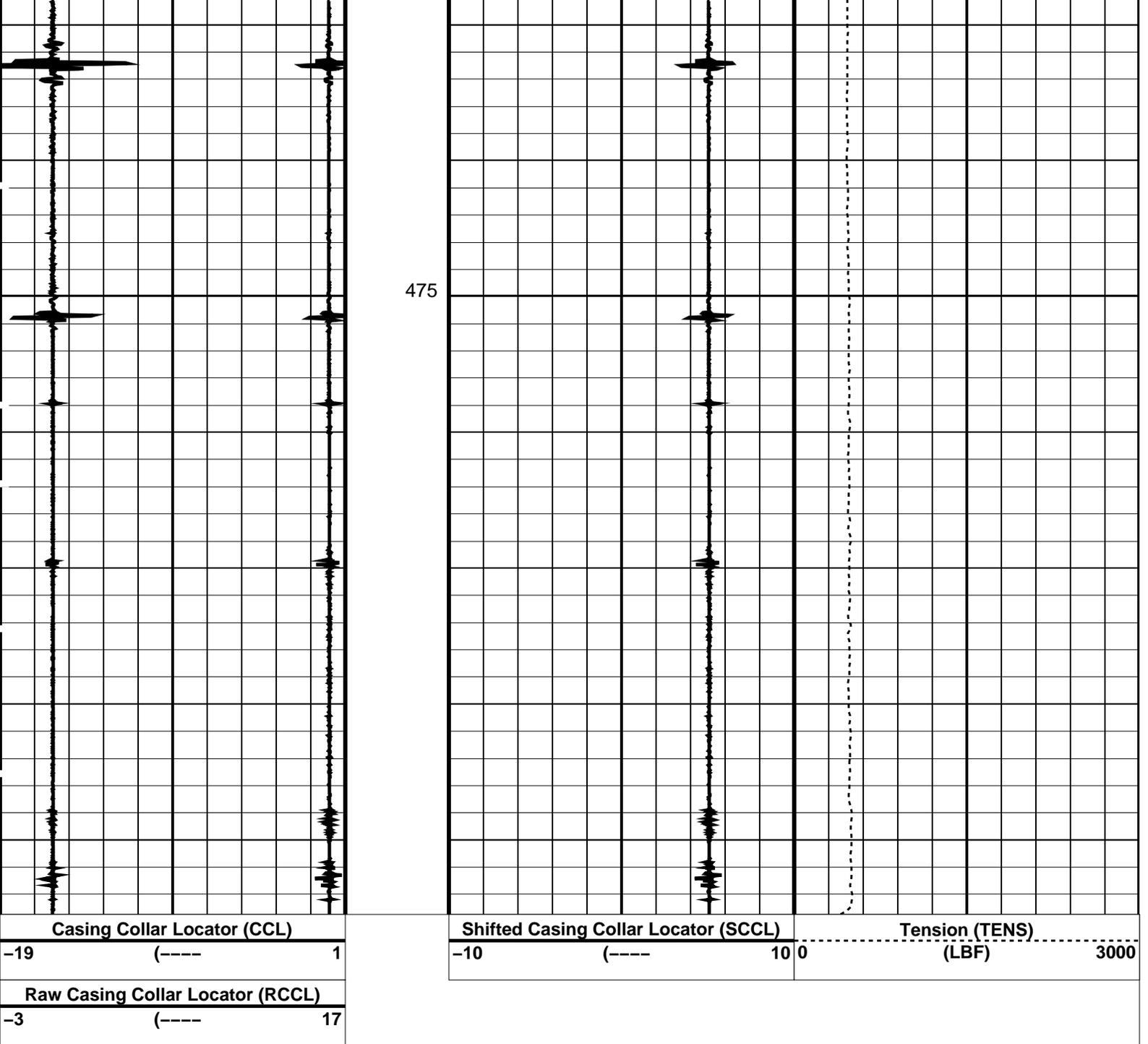
400



425

450





PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
CCLD	CCL-L: Casing Collar Locator CCL reset delay	12 IN
CCLT	CCL Detection Level	0.3 V
DO	System and Miscellaneous Depth Offset for Playback	0.0 M
PP	Playback Processing	NORMAL

Format: CCLLog Vertical Scale: 1:200

Graphics File Created: 27-Oct-2008 23:45

OP System Version: 16C0-147
MCM

SHM_GUN 16C0-147 SAFE 16C0-147
CCL-L 16C0-147

Input DLIS Files

Output DLIS Files



1-11/16" GR-CCL Drift Run

MAXIS Field Log

Company: Esso Australia Pty Ltd Well: BTA_A-3W

Input DLIS Files

DEFAULT PERFO_190LUP FN:188 PRODUCER 27-Oct-2008 19:32 498.7 M 378.7 M

Output DLIS Files

DEFAULT PERFO_190PUP FN:205 PRODUCER 28-Oct-2008 00:47 500.6 M 380.7 M

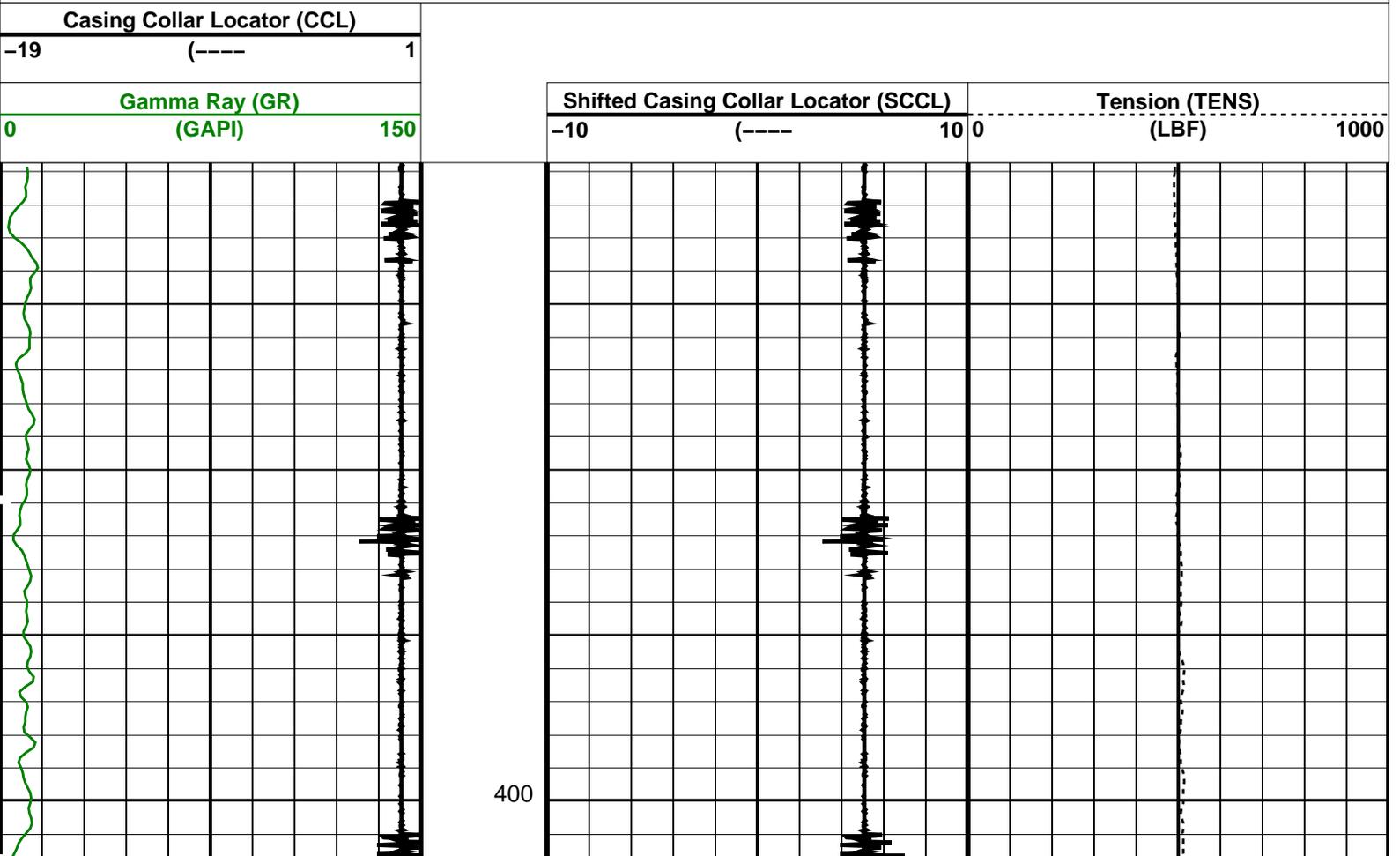
OP System Version: 16C0-147

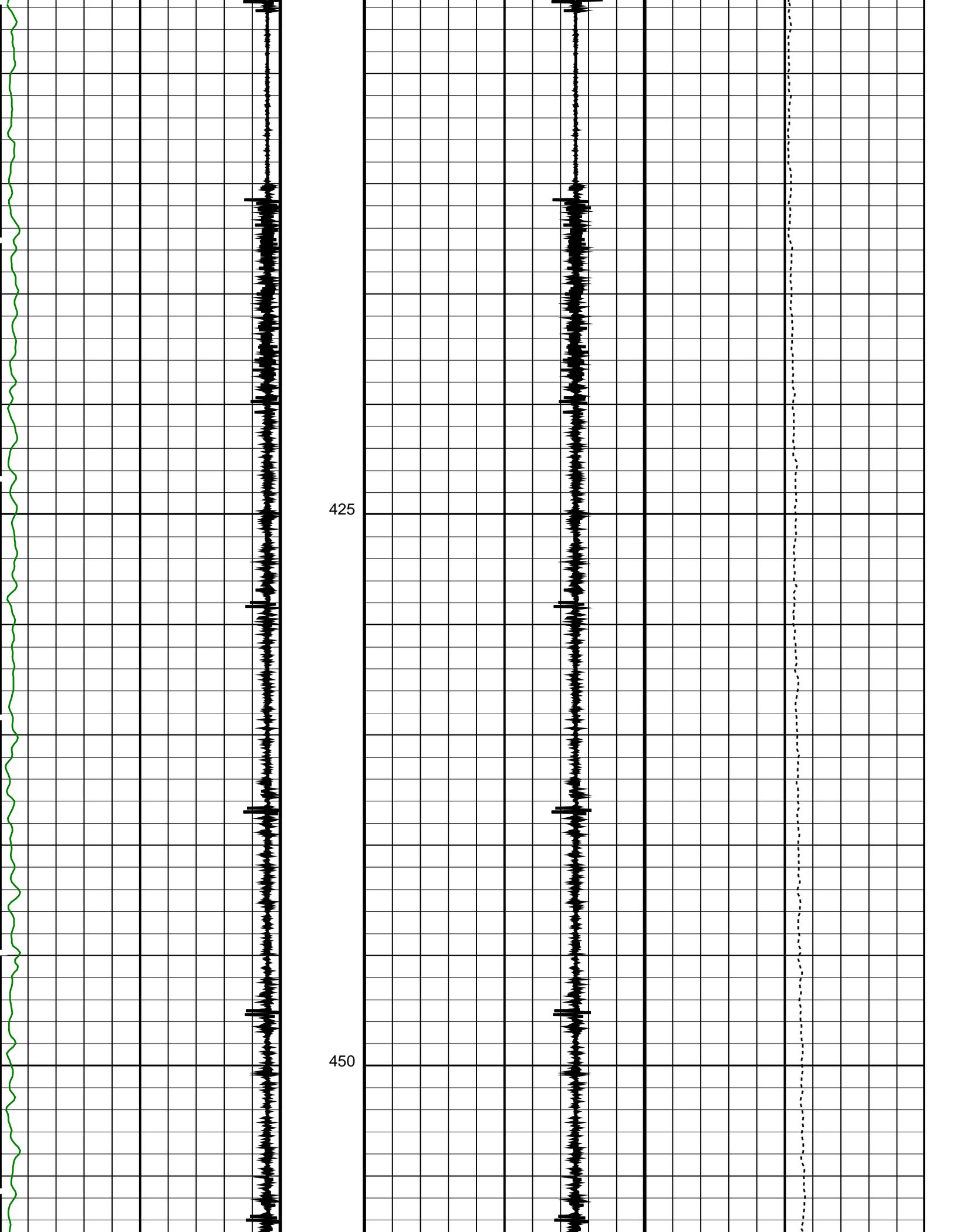
MCM

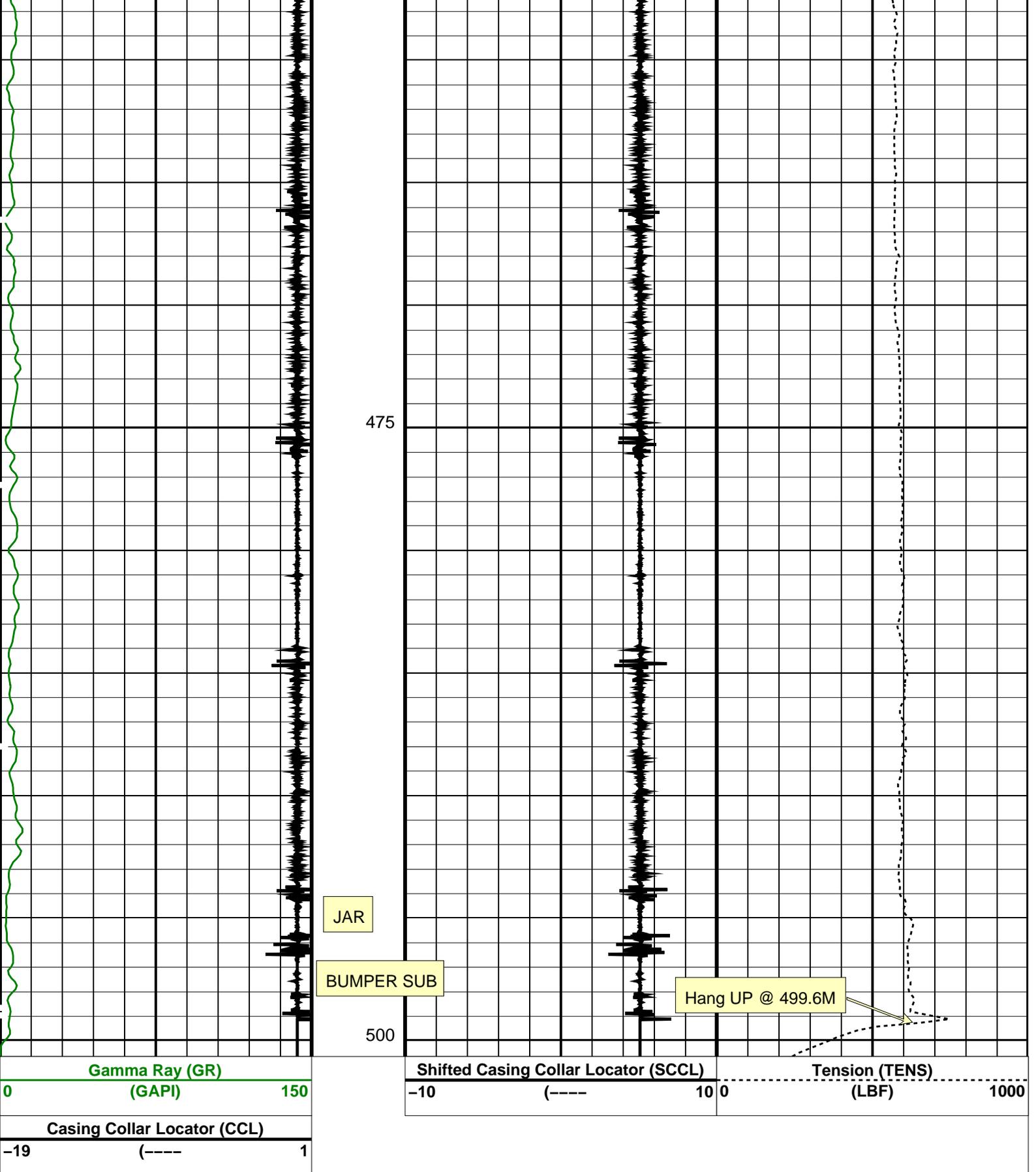
SHM_GUN 16C0-147 UPCT-A 16C0-147

PIP SUMMARY

Time Mark Every 60 S







PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DO	System and Miscellaneous	
PP	Depth Offset for Playback	2.0 M
	Playback Processing	NORMAL

OP System Version: 16C0-147

MCM

SHM_GUN	16C0-147	UPCT-A	16C0-147
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Input DLIS Files

DEFAULT	PERFO_190LUP	FN:188	PRODUCER	27-Oct-2008 19:32	498.7 M	378.7 M
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Output DLIS Files

DEFAULT	PERFO_190PUP	FN:205	PRODUCER	28-Oct-2008 00:47
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Company: Esso Australia Pty Ltd**Schlumberger****Well: BTA_A-3W****Field: Barracouta****Rig: SHU/Prod 2****Country: Australia**

1-11/16" BackOff
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27-Oct-2008