

Company: Nexus Energy

Well: Longtom-4

Field: Longtom

Rig: West Triton

Country: Australia

4-1/2" HSD PJO

Squeeze Gun Perforating Record

18-Aug-2008

Rig: West Triton	
Field: Longtom	
Location: Bass Strait	
Well: Longtom-4	
Company: Nexus Energy	
LOCATION	
Bass Strait	Elev.: K.B. 41 m
Northng: 5781704.499 m	G.L. 56 m
Easting: 616897.309 m	D.F. 41 m
Permanent Datum: AHD	Elev.: 0 m
Log Measured From: DRILL FLOOR	41.0 m above Perm. Datum
Drilling Measured From: DRILL FLOOR	
State: Victoria	Max. Well Deviation 93 deg
Longitude 148 19' 59.944" E	Latitude 38 6' 17.707" S

	Run 1	Run 2	Run 3
Oil Density			
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	93 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		18-Aug-2008	Longitude 148 19' 59.944" E	Latitude 38 6' 17.707" S
Run Number	4			
Depth Driller	5816 m			
Schlumberger Depth	2760 m			
Bottom Log Interval	2675 m			
Top Log Interval	2673.5 m			
Casing Fluid Type	SPM			
Salinity				
Density				
Fluid Level	0 m			
BIT/CASING/TUBING STRING				
Bit Size	8.500 in			
From	2591 m			
To	5816 m			
Casing/Tubing Size	7.000 in			
Weight	29 lbm/ft			
Grade	L80			
From	2570 m			
To	5816 m			
Maximum Recorded Temperatures				
Logger On Bottom	18-Aug-2008	4:00		
Unit Number	41	AUSL		
Recorded By	C.Rowand			
Witnessed By	S.Schmiot			

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			

DEPTH SUMMARY LISTING

Date Created: 18-AUG-2008 16:58:37

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-JA	Type:	CMTD-B/A	Type:	7-46ZV-XS
Serial Number:	6791	Serial Number:	1721	Serial Number:	77178
Calibration Date:	13-Jun-2008	Calibration Date:	27-Feb-2008	Length:	7075.02 M
Calibrator Serial Number:	1009	Calibrator Serial Number:	1051		
Calibration Cable Type:	7-46ZV-XS	Calibration Gain:	0.81	Conveyance Method:	Wireline
Wheel Correction 1:	-5	Calibration Offset:	-610.00	Rig Type:	Offshore_Fixed
Wheel Correction 2:	-5				

Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	Longtom-4 P LWD 1-200 Scale 2590-2987m
Reference Log Run Number:	
Reference Log Date:	29-Jul-2008

Depth Control Remarks

1. Log correlated to Longtom-4 P LWD 1-200 Scale 2590-2987m provided by the Client
2. Correlated to LWD, as the cement retainer will be set on drillpipe at 2669m, hence drillers depth
3. Correlated over the interval 2600-2650m.
- 4.
- 5.
- 6.

DISCLAIMER

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 SERVICES1	OTHER SERVICES2
OS1: None	OS1:
OS2:	OS2:
OS3:	OS3:
OS4:	OS4:
OS5:	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
Log correlated to LWD log provided by the Client	
Log referenced to DSI-XPT-GR of 29-Jul-2008	
Obejective: to perforated the 7" Liner to provide a circulation path	
for a cement squeeze.	
Squeeze Gun Data:	
Charges: 4505 Powerjet Omega, HMX , 5 SPF.	
Perforated Interval: 2673.5-2675m	

Secure firing system used	

RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:			PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

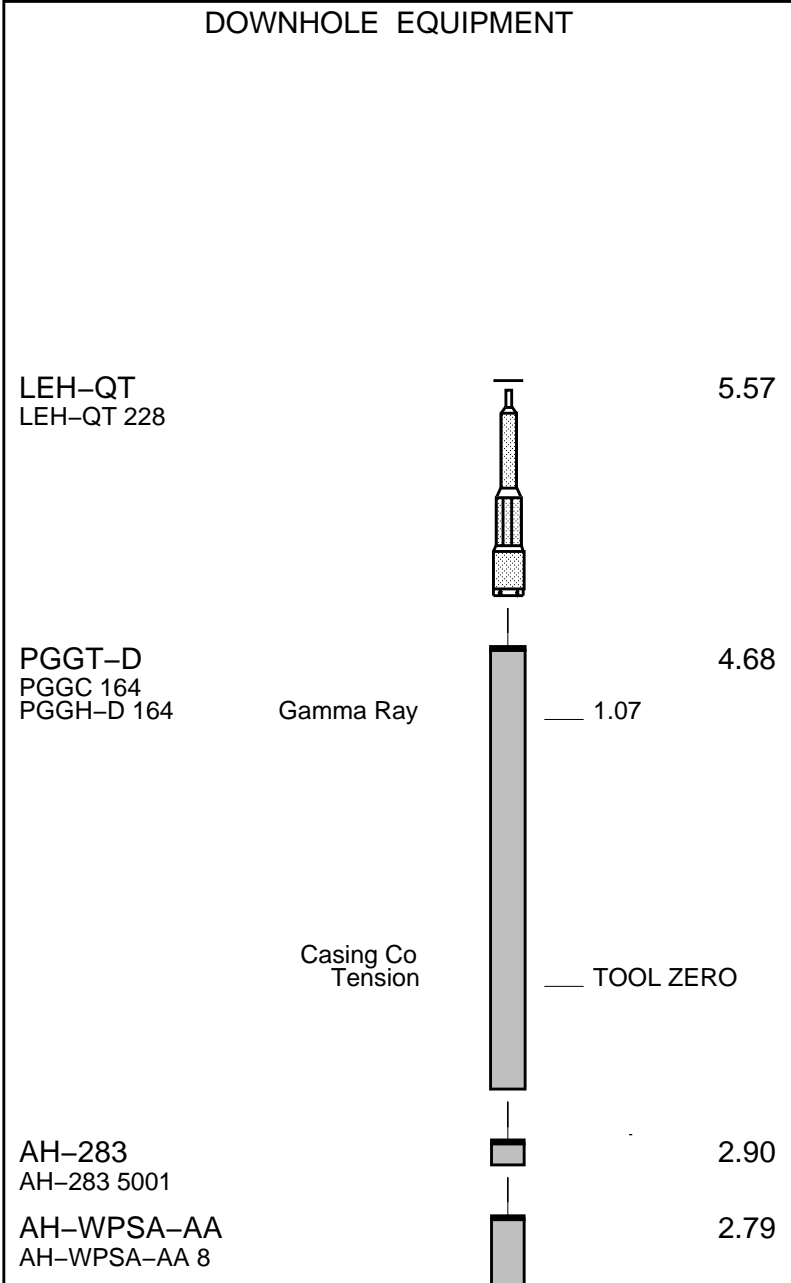
EQUIPMENT DESCRIPTION

RUN 1

RUN 2

SURFACE EQUIPMENT

WITM (SHM)



SHM_GUN
GUN



1.78

TOOL BOTTOM

MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Production String	(in)		(m)		Well Schematic	(m)		(in)		Casing String
	OD	ID	MD	MD		MD	OD	ID	ID	
							16.000			Casing String
							10.750			Casing String
						750.0	16.000			Casing Shoe
						2570.0	7.000			Casing String
						2570.0	10.750	7.000		Liner Hanger
						2580.0	10.750			Casing Shoe

[illegible]

Squeeze Gun Perforating Record

MAXIS Field Log

PERFO2 Operational Summary Listing

Device	Status	Req Depth (M)	Obs Depth (M)	Time Used
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GUN1 Used 2673.5 2673.5 Mon Aug 18 04:07:37 2008

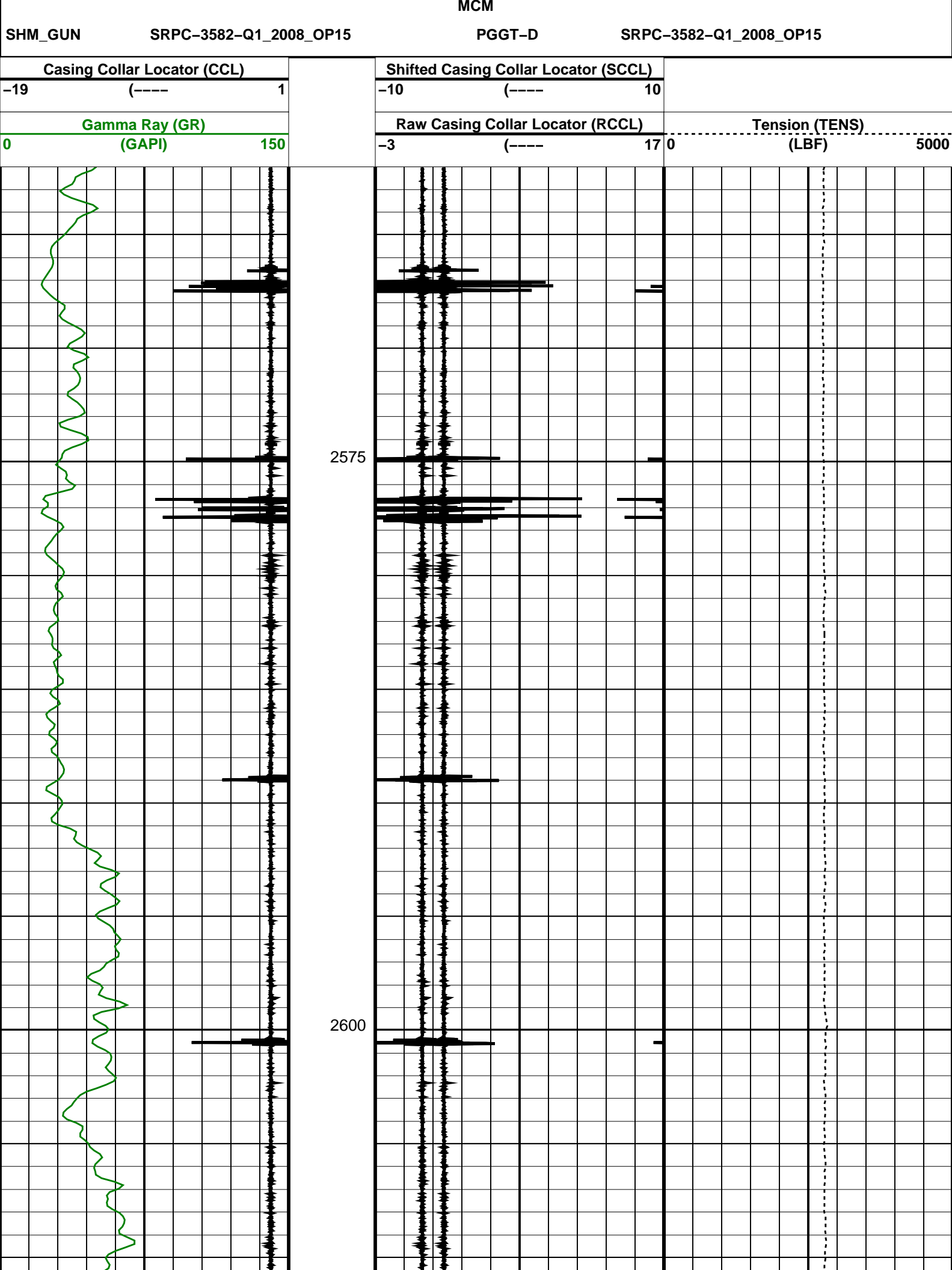
Company: Nexus Energy

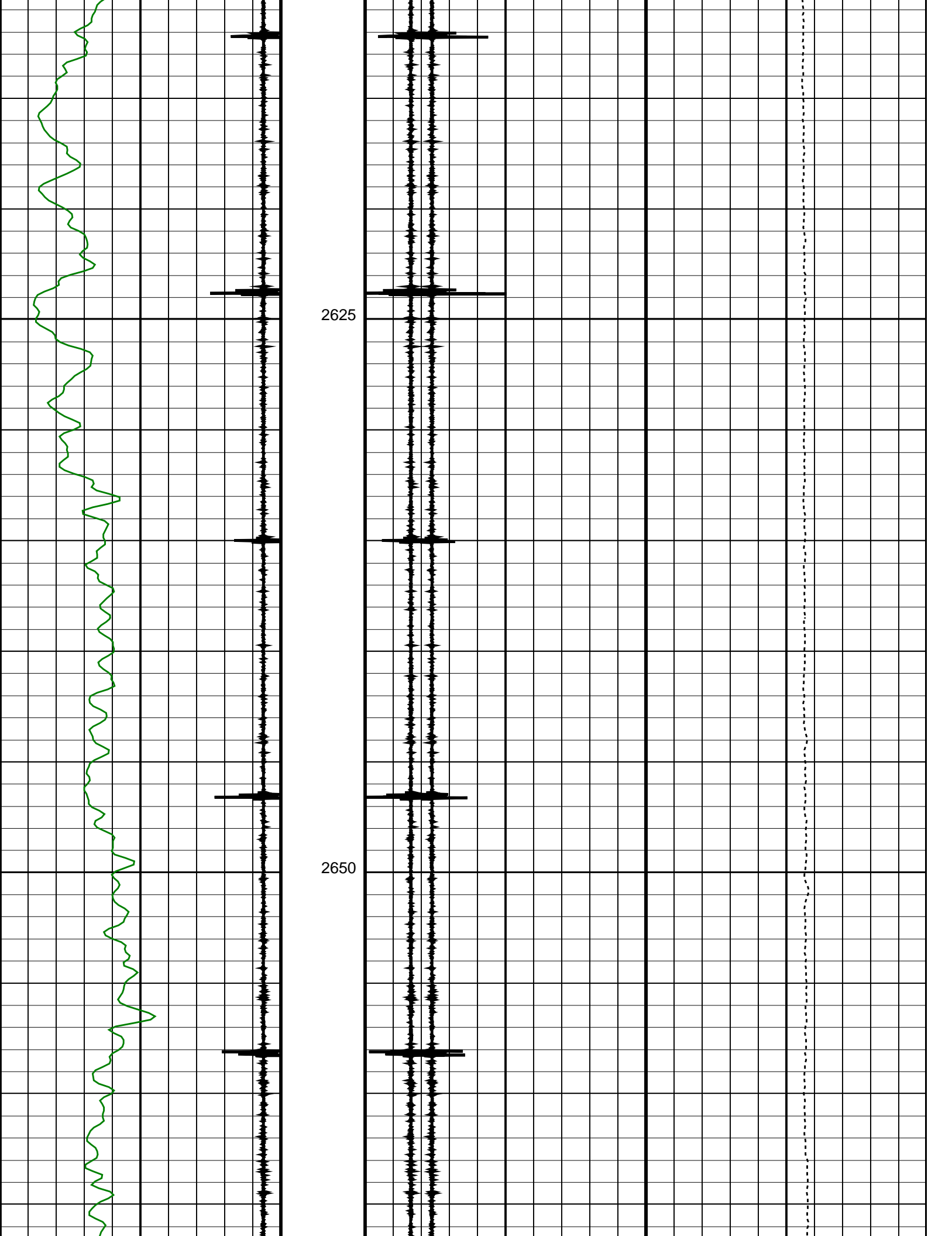
Well: Longtom-4

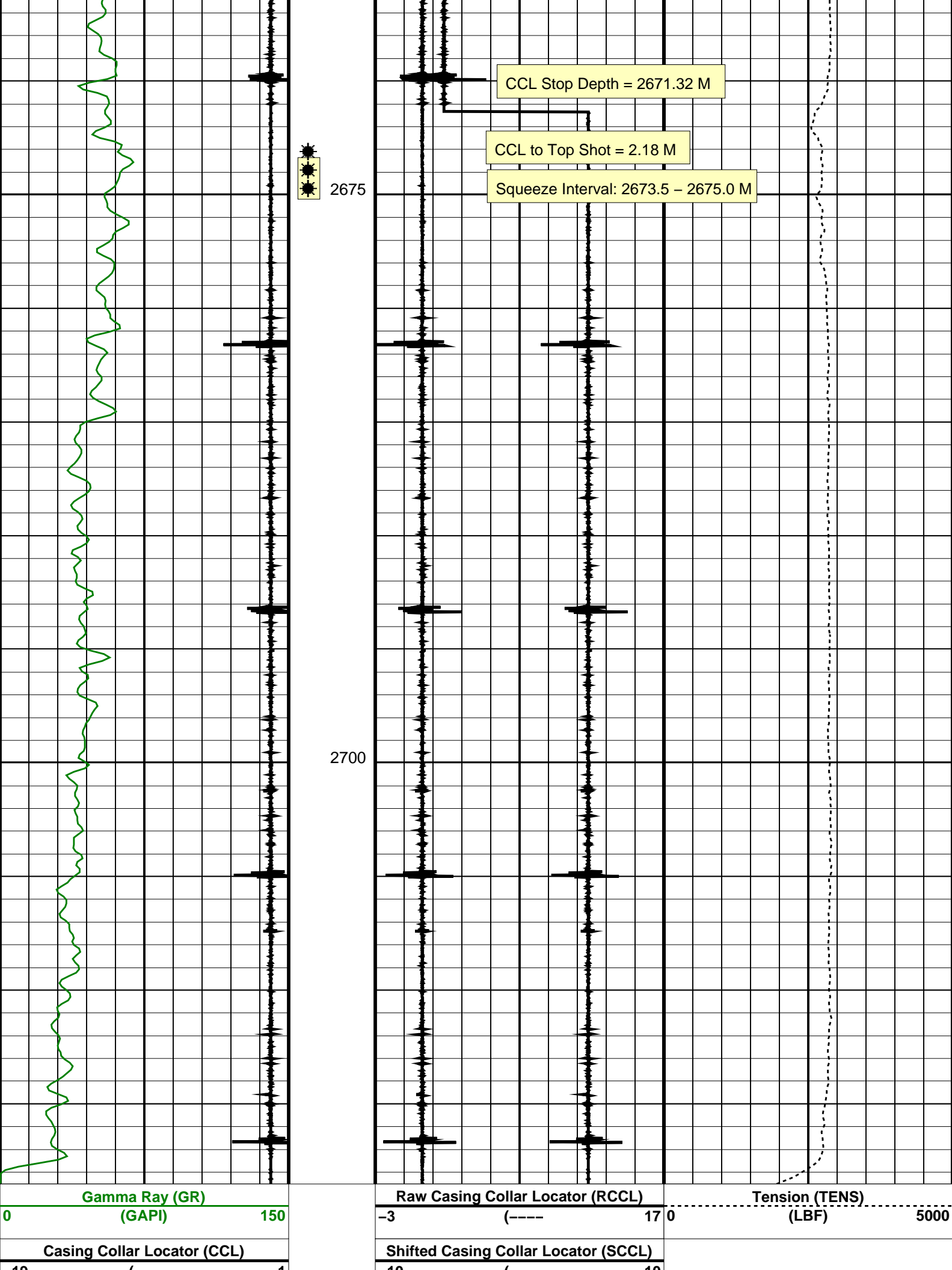
Output DLIS Files

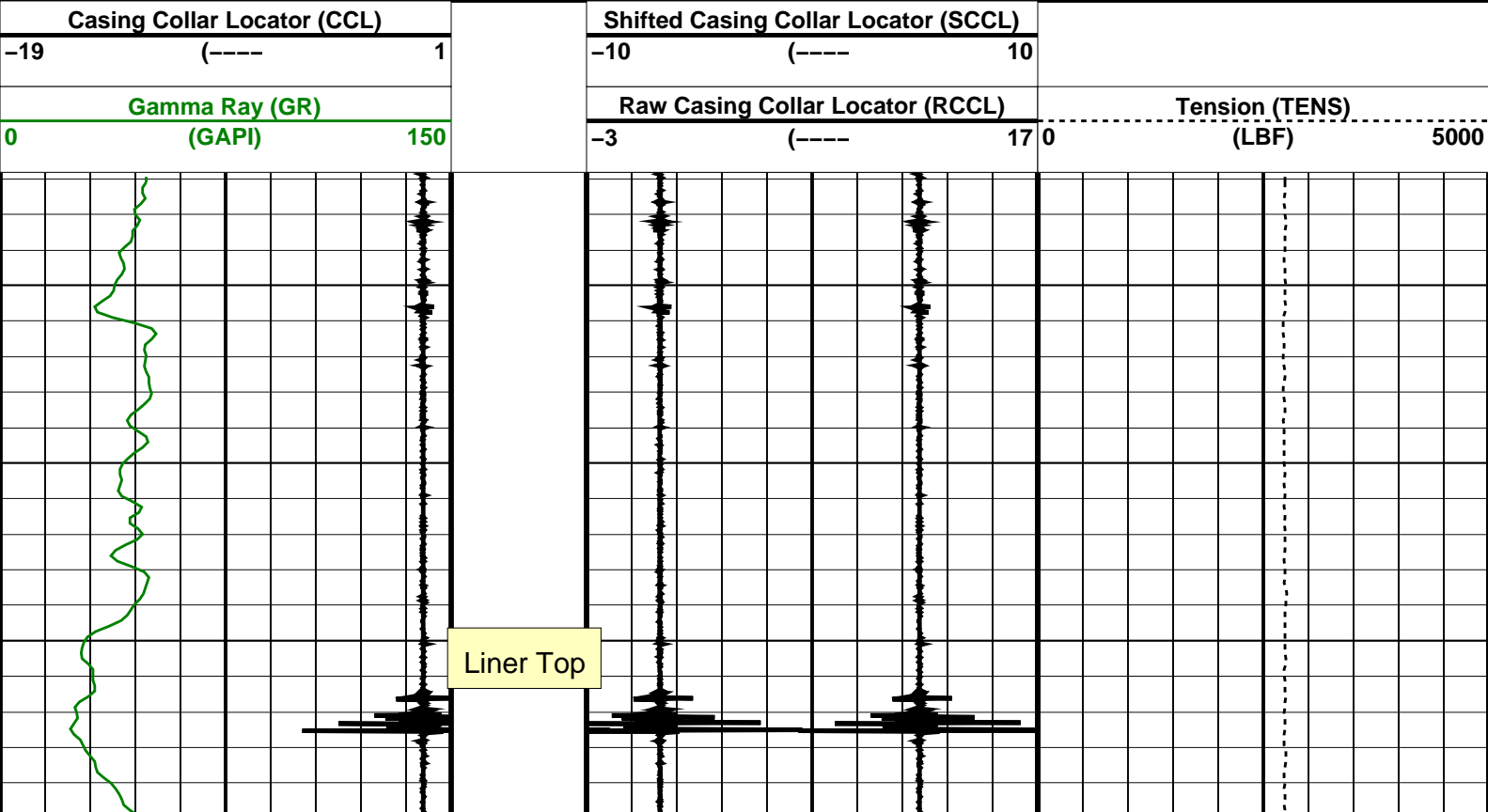
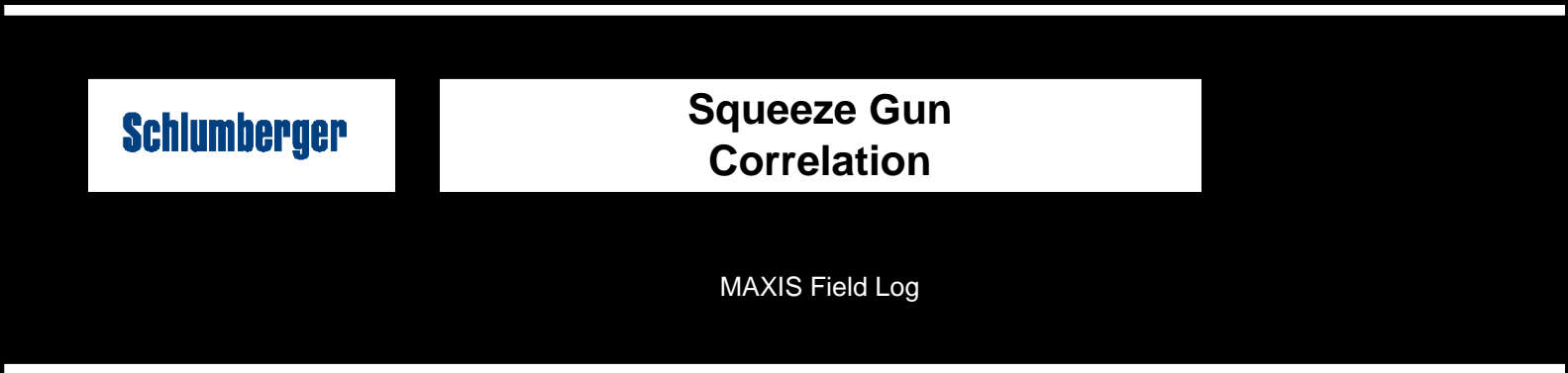
DEFAULT	PERFO_186LUP	FN:371	PRODUCER	18-Aug-2008 03:58	2718.5 M	2562.0 M
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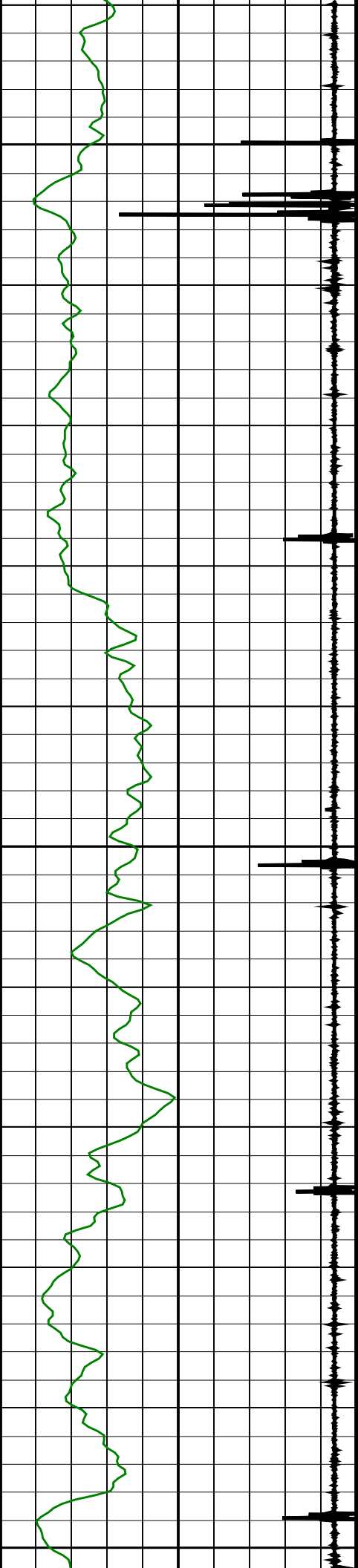
OP System Version: 15C0-309







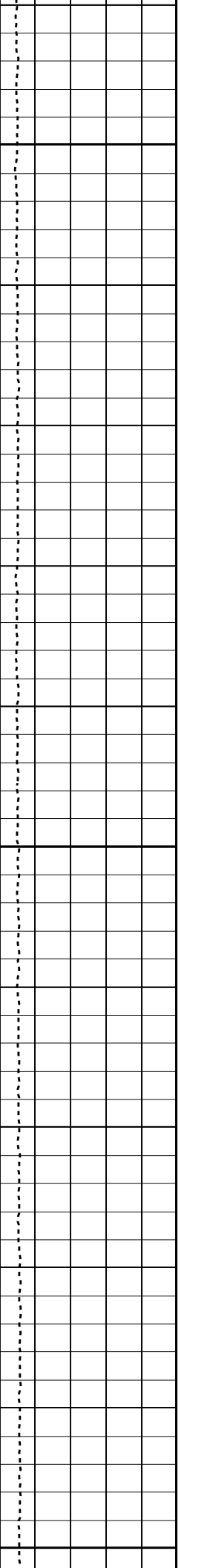
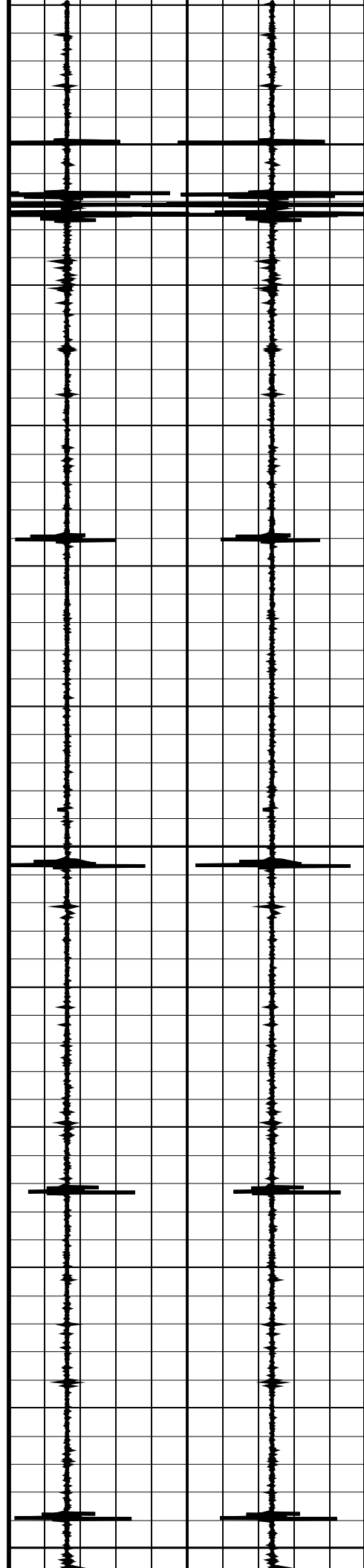


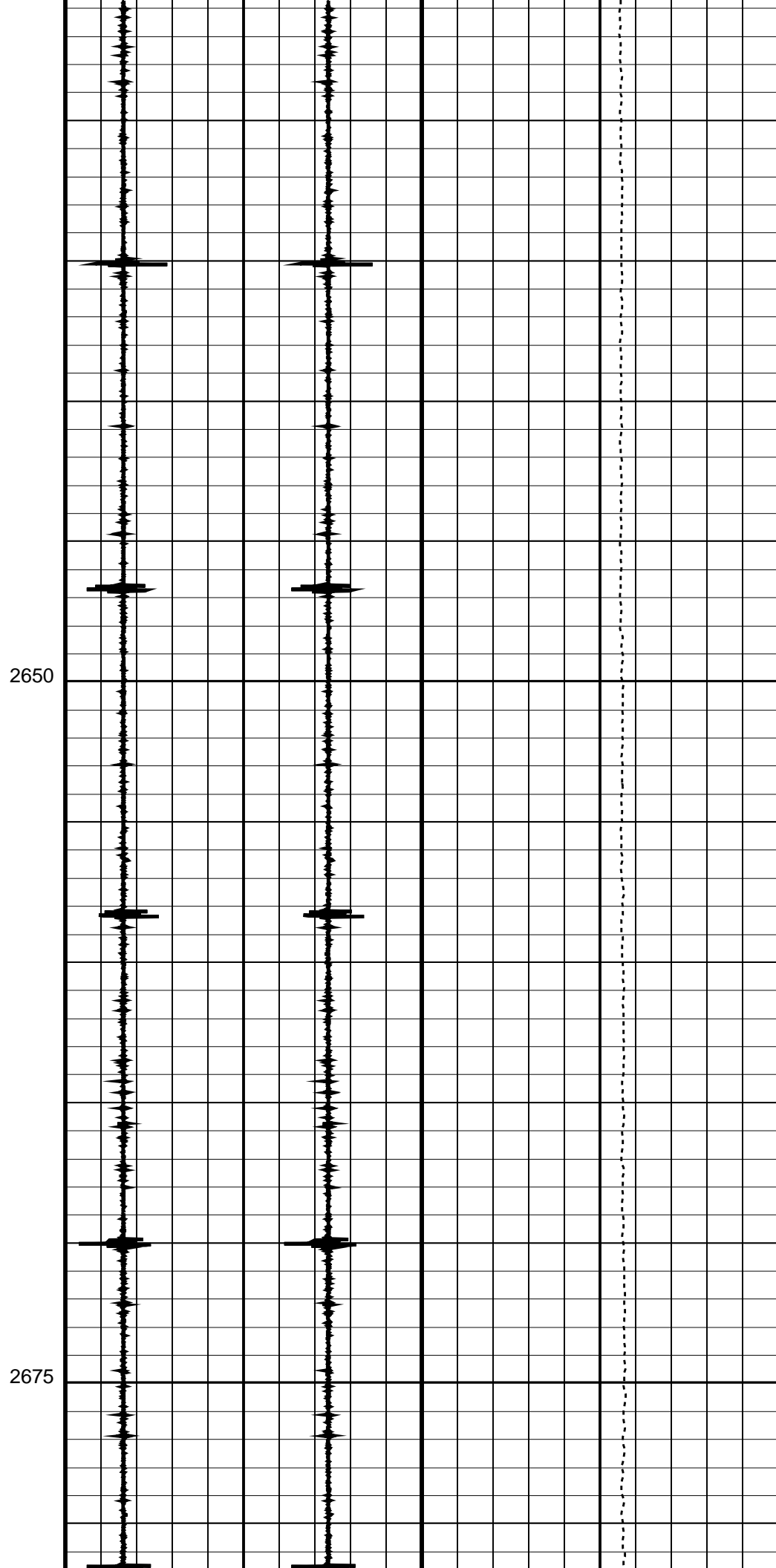
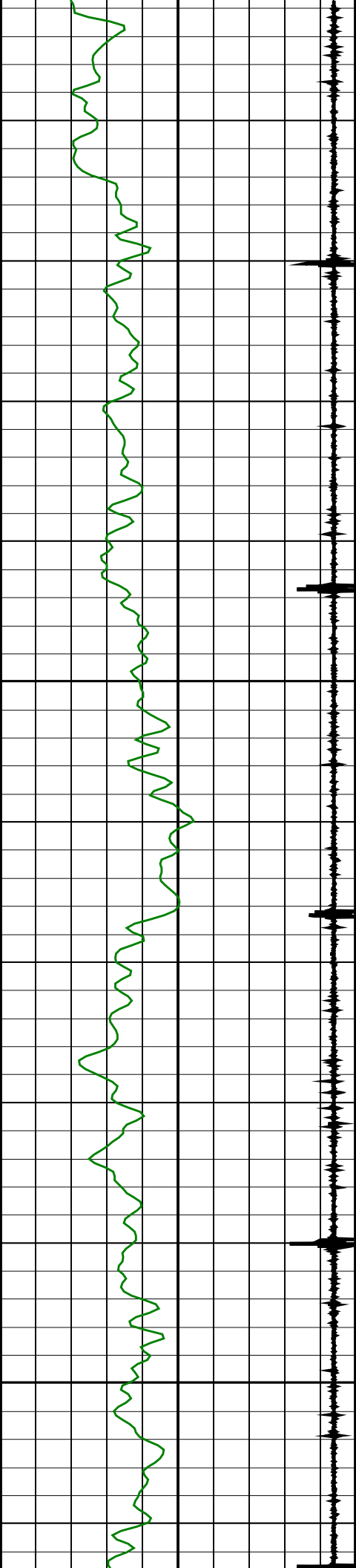


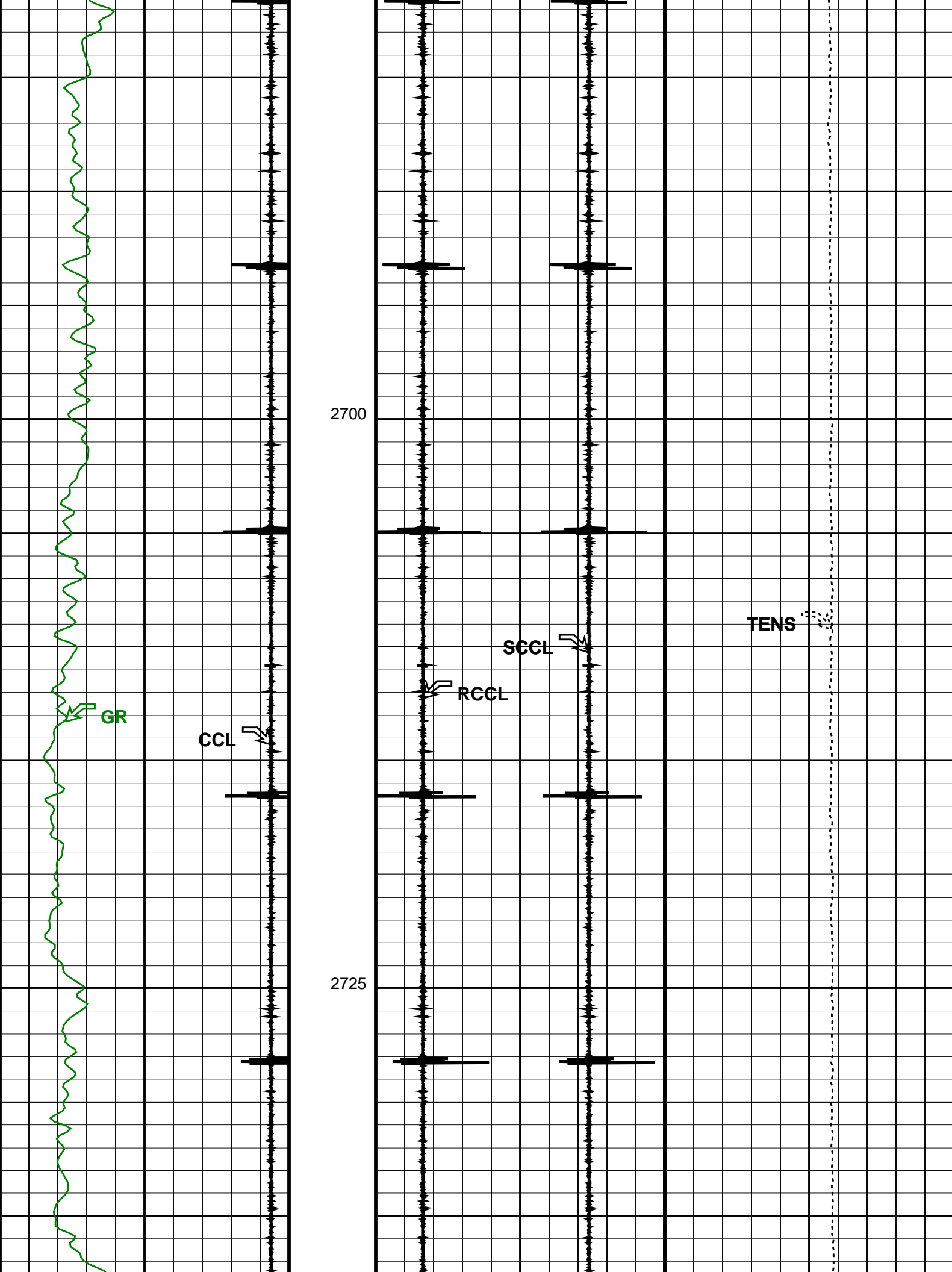
2575

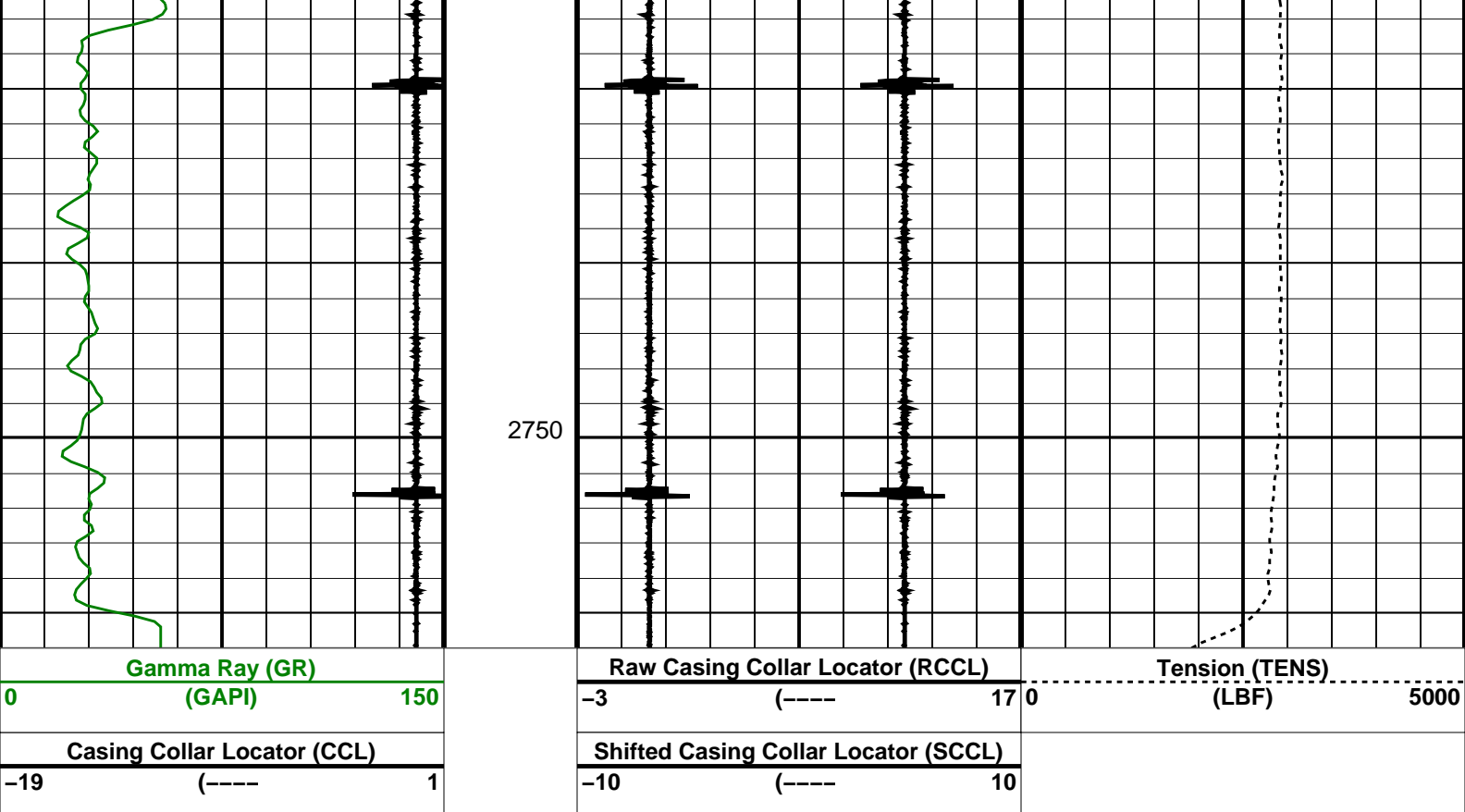
2600

2625









Parameters

DLIS Name	Description	Value
DO	System and Miscellaneous	
PP	Depth Offset for Playback	-0.4 M
	Playback Processing	NORMAL

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 18-Aug-2008 16:43

OP System Version: 15C0-309

MCM

SHM_GUN SRPC-3582-Q1_2008_OP15 PGGT-D SRPC-3582-Q1_2008_OP15

Input DLIS Files

DEFAULT PERFO_185LUP FN:370 PRODUCER 18-Aug-2008 03:36 2756.5 M 2551.8 M

Output DLIS Files

DEFAULT PERFO_185PUP FN:374 PRODUCER 18-Aug-2008 16:43

Company: **Nexus Energy**

Schlumberger

Well: **Longtom-4**

Field: **Longtom**

Rig: **West Triton**

Country: **Australia**

4-1/2" HSD PJO

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18-Aug-2008