

Company: Esso Australia Ltd.

Well: WKF W-31a
Field: West Kingfish
Rig: Prod 3/Rig 453

State: Victoria

Junk Basket
6" Gauge ring
GR-CCL

Rig: Prod 3/Rig 453
Field: West Kingfish
Location: Gippsland
Well: WKF W-31a
Company: Esso Australia Ltd.

LOCATION	
Gippsland Basin Bass Strait	Elev.: K.B. 33.4 m G.L. -76.13 m D.F. 33.4 m
Permanent Datum: _____ Log Measured From: Kelly Bushing _____ Drilling Measured From: Kelly Bushing _____	Mean Sea Level _____ Elev.: 0 m _____ 33.4 m above Perm. Datum

API Serial No.	Section	Township	Range
10-Jul-2006			

Logging Date	10-Jul-2006
Run Number	1
Depth Driller	3450 m
Schlumberger Depth	3969.5 m
Bottom Log Interval	3369.5 m
Top Log Interval	3200 m
Casing Fluid Type	Brine
Salinity	
Density	1.02 g/cm3
Fluid Level	
BIT/CASING/TUBING STRING	
Bit Size	8.500 in
From	11 m
To	3450 m
Casing/Tubing Size	7.000 in
Weight	26 lbm/ft
Grade	L-80
From	11 m
To	3450 m
Maximum Recorded Temperatures	
Logger On Bottom	10-Jul-2006 23:08
Unit Number	41 AUSL
Recorded By	Joel Hogan
Witnessed By	Glen Campbell, Cory Stead

	Run 1	Run 2	R
PVT DATA			
Oil Density			
Water Salinity			
Gas Gravity			
Bo			
Bw			
1/Bg			
Bubble Point Pressure			
Bubble Point Temperature			
Solution GOR			
Maximum Deviation	59 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			

DEPTH SUMMARY LISTING

Date Created: 14-JUN-2006 14:28:42

Depth System Equipment

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-H	Type: CMTD-B/A	Type: 7-46ZV-XS
Serial Number: 796	Serial Number: 1051	Serial Number: 76075
Calibration Date: 9-Jun-2005	Calibration Date: 13/Jun/2006	Length: 7310.93 M
Calibrator Serial Number: 1009	Calibrator Serial Number: 1051	Conveyance Method: Wireline
Calibration Cable Type: 7-46ZV-XS	Calibration Gain: 1.00	Rig Type: Offshore_Fixed
Wheel Correction 1: -8	Calibration Offset: 0.00	
Wheel Correction 2: -9		

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	Precision dual laterolog-GR-Density-Neutron
Reference Log Run Number:	1
Reference Log Date:	06-May-2006
Subsequent Trip Down Log Correction:	2.00 M

Depth Control Remarks

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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 OS1: None OS2: OS3: OS4: OS5:	OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:
REMARKS: RUN NUMBER 1 Log correlated to Precision Dual Laterelog GR Density neutron Dated 6-may-2006 Purpose of log- RIH with 6" Gauge ring Junk Basket, GR-CCL to reach HUD 3390m MDKB for MAXR setting. RIH to 3369.5mMDKB and tool got held up, made several attempts	REMARKS: RUN NUMBER 2

to pass, unable to pass 3369.5mMDKB.
 POOH and inspect Gauge ring for damage, no visual damage.
 RIH and attempt to pass again, unable to pass 3369.5mMDKB
 on several attempts. POOH and Rig Down. ISDL to run scraper
 and then run MAXR on wireline when completed.

Schlumberger Crew: Rick Murray, Craig Armstrong
 Paul Flood, Mat Ward.

Performed By Schlumberger.

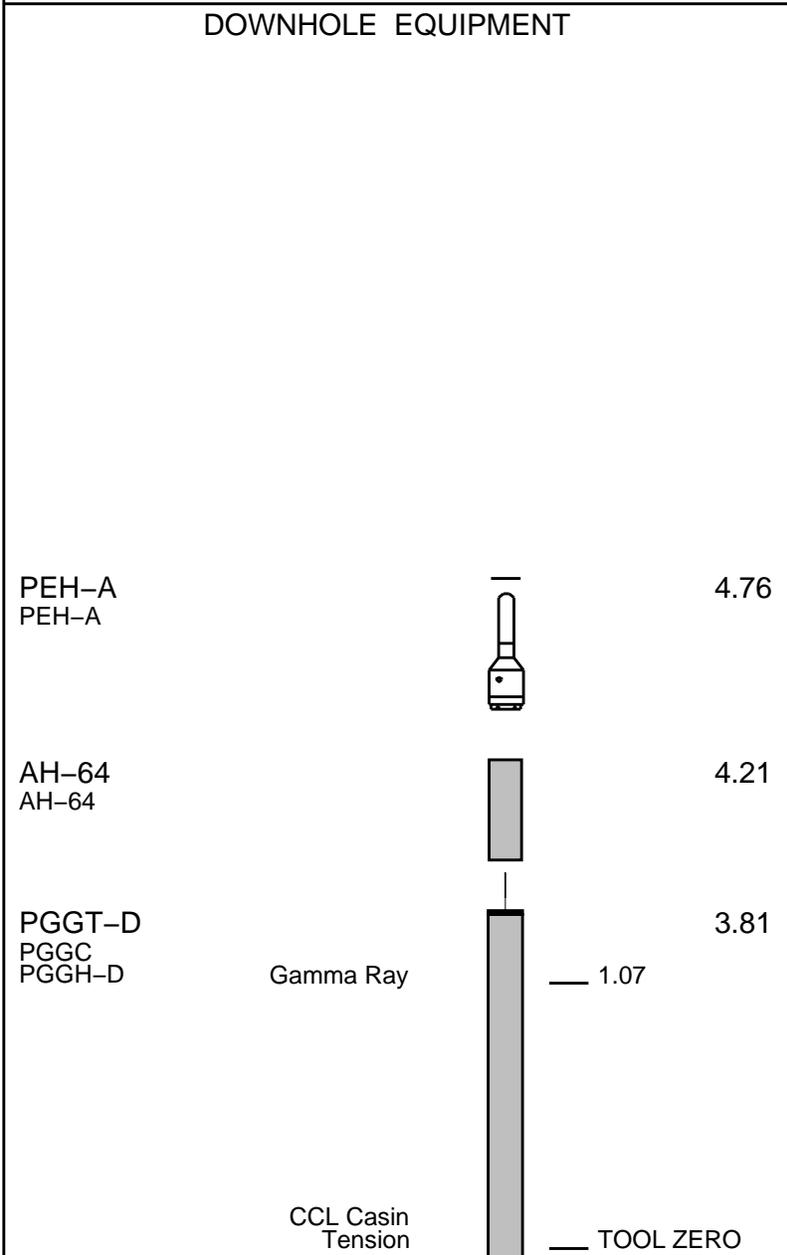
RUN 1			RUN 2		
SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:			SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1 RUN 2

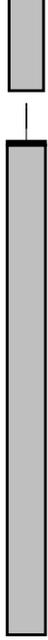
SURFACE EQUIPMENT

SHM-EA



SHM_GUN
GUN-Junk Basket

2.03



AH-6" Gauge ring

TOOL BOTTOM

0.03

MAXIMUM STRING DIAMETER 6.00 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Client: Esso Australia Ltd.
Well: WKF W-31a
Field: West Kingfish
State: Victoria
Country: Australia

Drawing Date: 7/12/2006
API #:

Rig Name: West Kingfish
Reference Datum: Kelly Bushing
Elevation: 33.4 m

Production String	(in)			(m)			Well Schematic	(m)			(in)			Casing String
	OD	ID	MD	MD	OD	ID		MD	OD	ID				
							↓	13.0	13.005				Casing String	
							↓	1300.0	13.375				Casing Shoe	



3450.0
3450.0

7.000

Casing Shoe
PBD

Schlumberger

Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)	File
Rig Up Started	10-Jul-2006 21:30			
Log Pass (up)	10-Jul-2006 23:26	000:12	3418.0 - 3298.1	PERFO_006LUP
Log Pass (up)	11-Jul-2006 2:19	000:19	3374.6 - 3181.7	PERFO_014LUP
Log Pass (up)	11-Jul-2006 2:58	000:05	3401.0 - 3352.0	PERFO_019LUP
Rig Down Completed	11-Jul-2006 5:00			

Correlation

MAXIS Field Log

Input DLIS Files

DEFAULT PERFO_006LUP FN:3 PRODUCER 12-Jul-2006 15:32 3418.0 M 3298.1 M

Output DLIS Files

DEFAULT PERFO_028PUP FN:4 PRODUCER 12-Jul-2006 16:32 3420.8 M 3301.3 M

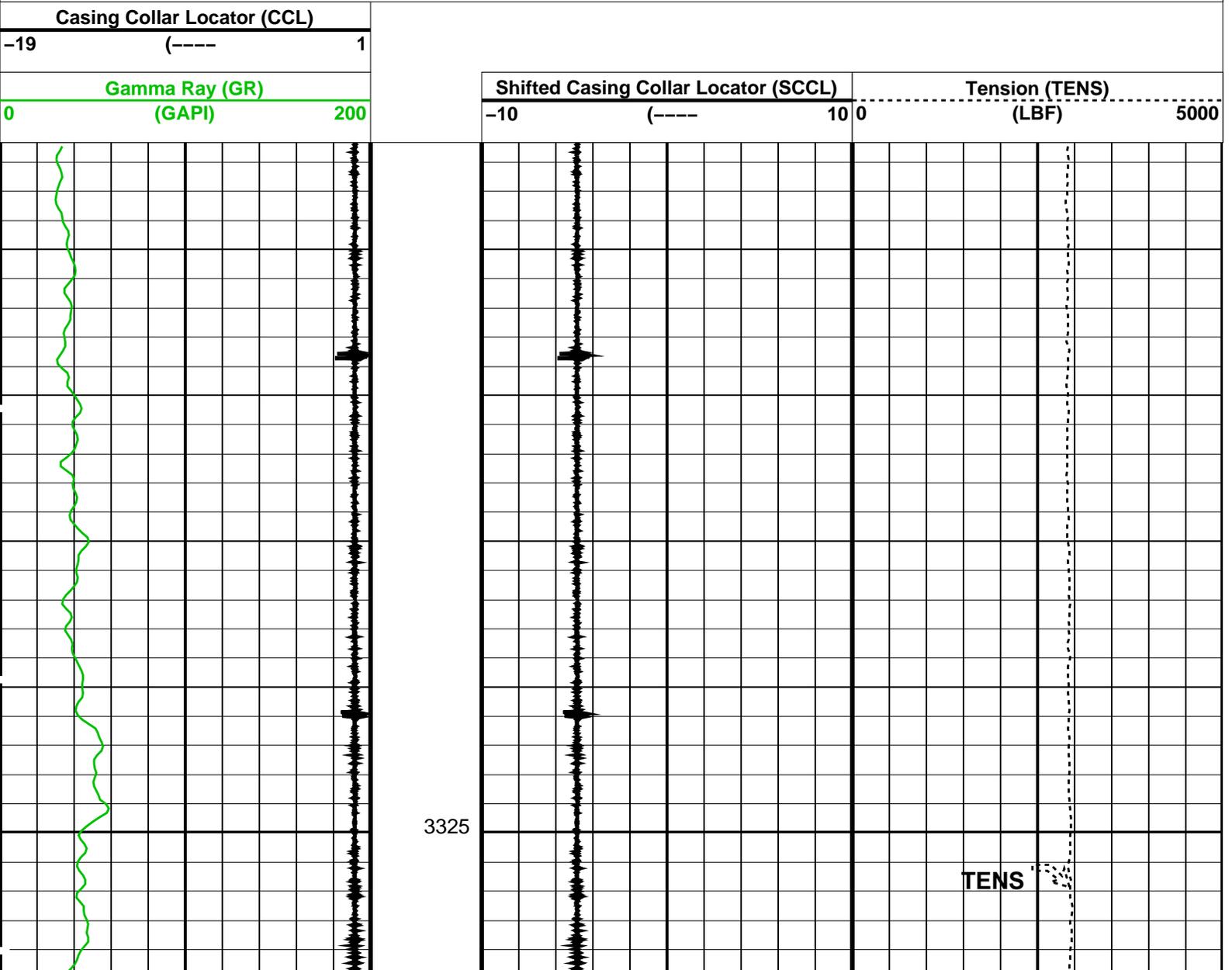
OP System Version: 14C0-302

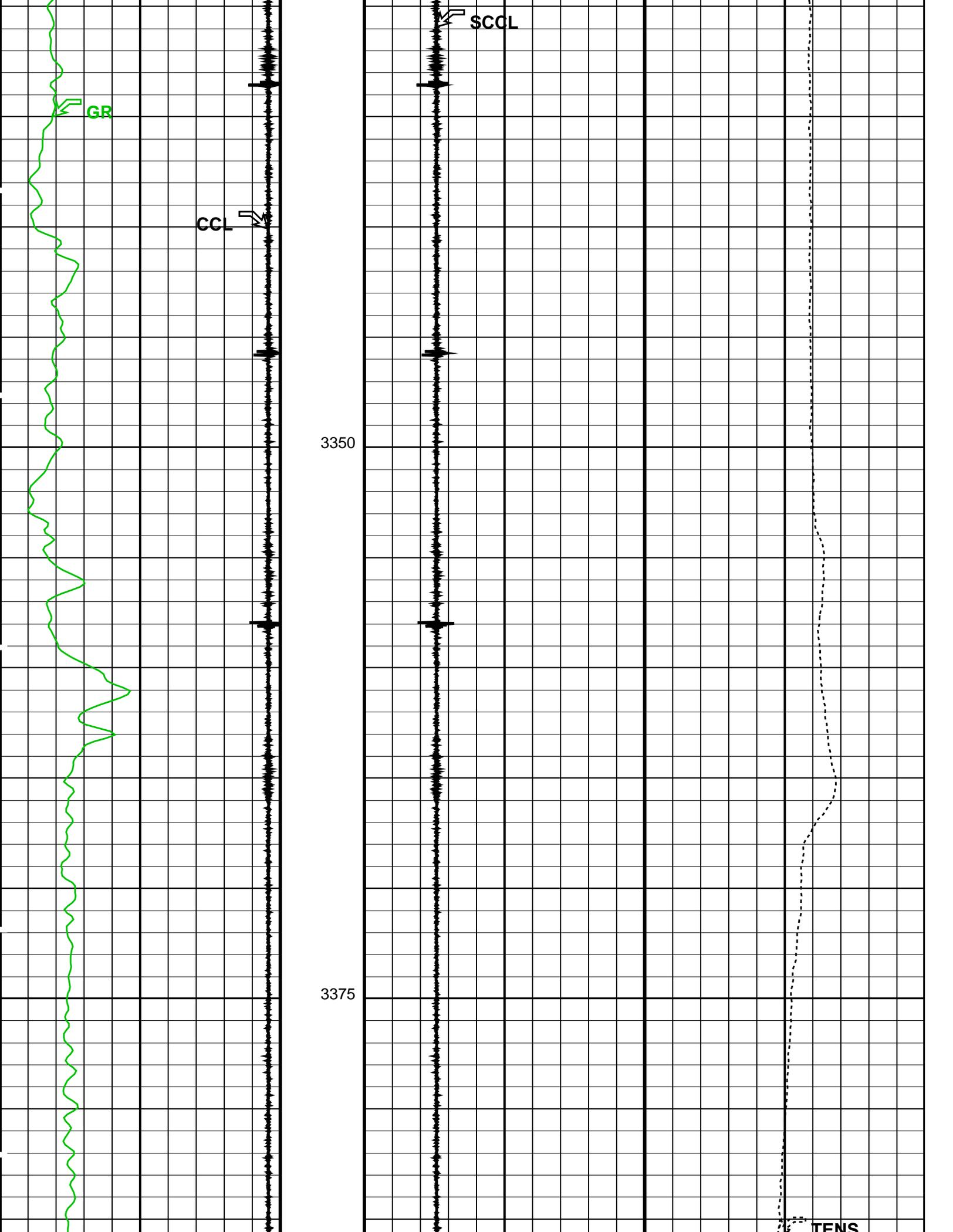
MCM

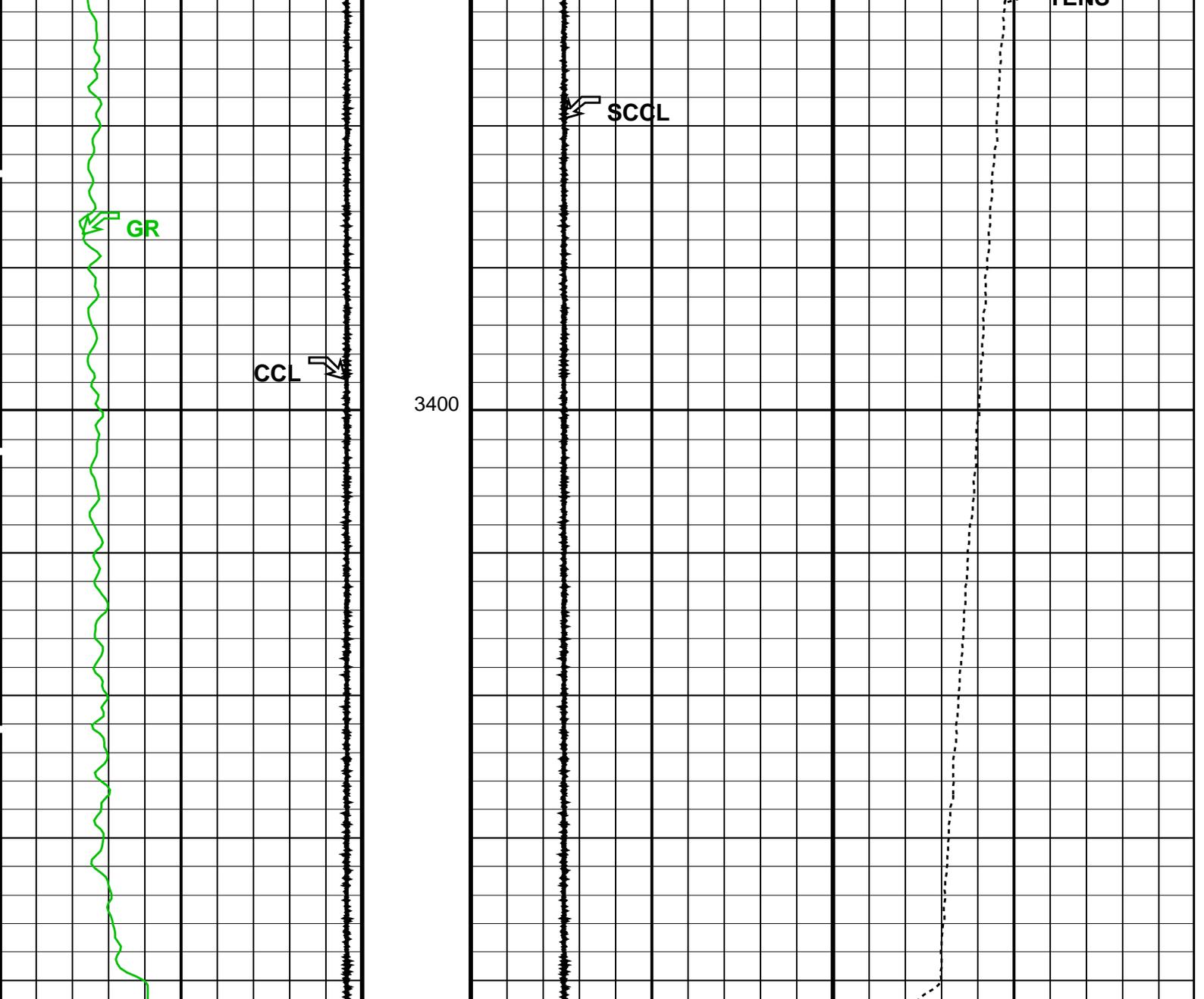
SHM_GUN 14C0-302 PGGT-D 14C0-302

PIP SUMMARY

Time Mark Every 60 S







Gamma Ray (GR) (GAPI)	0	200
Casing Collar Locator (CCL)	-19	1
Shifted Casing Collar Locator (SCCL)	-10	10
Tension (TENS) (LBF)	0	5000

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DO	System and Miscellaneous	
PP	Depth Offset for Playback	2.7 M
	Playback Processing	NORMAL

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 12-Jul-2006 16:32

OP System Version: 14C0-302
MCM

SHM_GUN	14C0-302	PGGT-D	14C0-302
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Input DLIS Files

DEFAULT	PERFO_006LUP	FN:3	PRODUCER	12-Jul-2006 15:32	3418.0 M	3298.1 M
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Output DLIS Files

DEFAULT PERFO_028PUP

FN:4 PRODUCER 12-Jul-2006 16:32



Junk Basket Run 1
6" Gauge Ring

MAXIS Field Log

Input DLIS Files

DEFAULT PERFO_015PUP

FN:12 PRODUCER 11-Jul-2006 02:42 3377.0 M 3184.6 M

Output DLIS Files

DEFAULT PERFO_016PUP

FN:13 PRODUCER 11-Jul-2006 02:44 3377.8 M 3185.8 M

OP System Version: 14C0-302

MCM

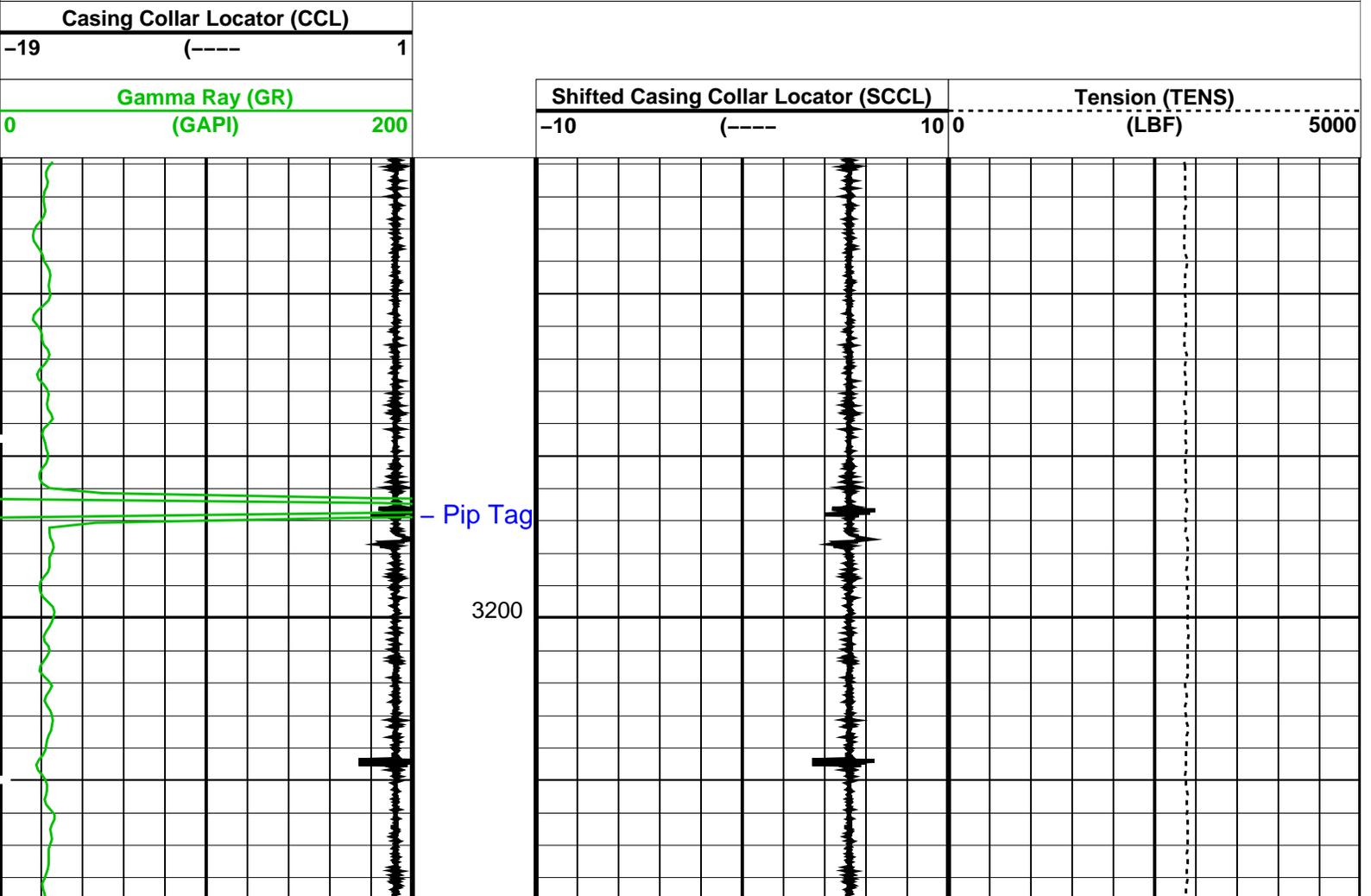
SHM_GUN 14C0-302

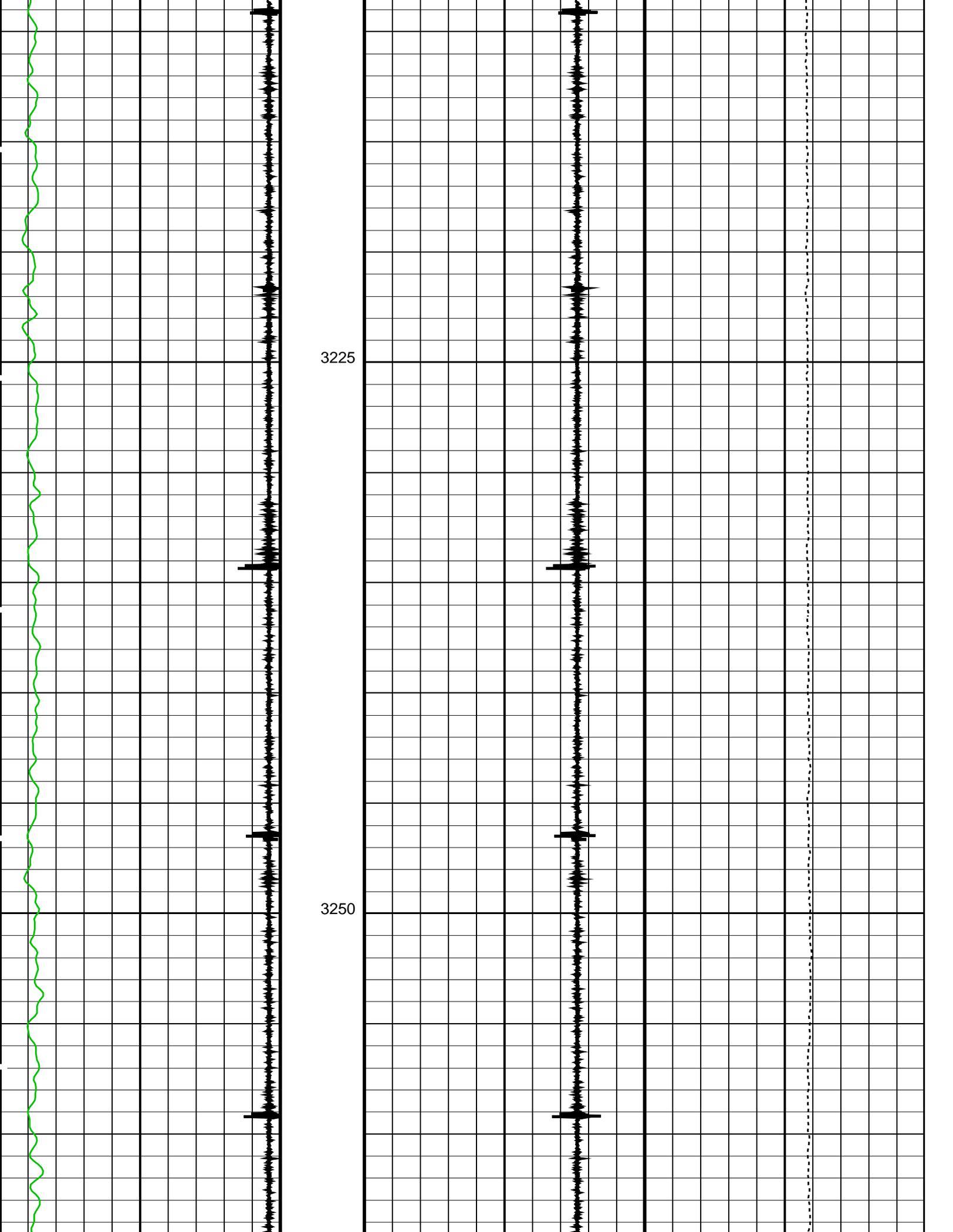
PGGT-D

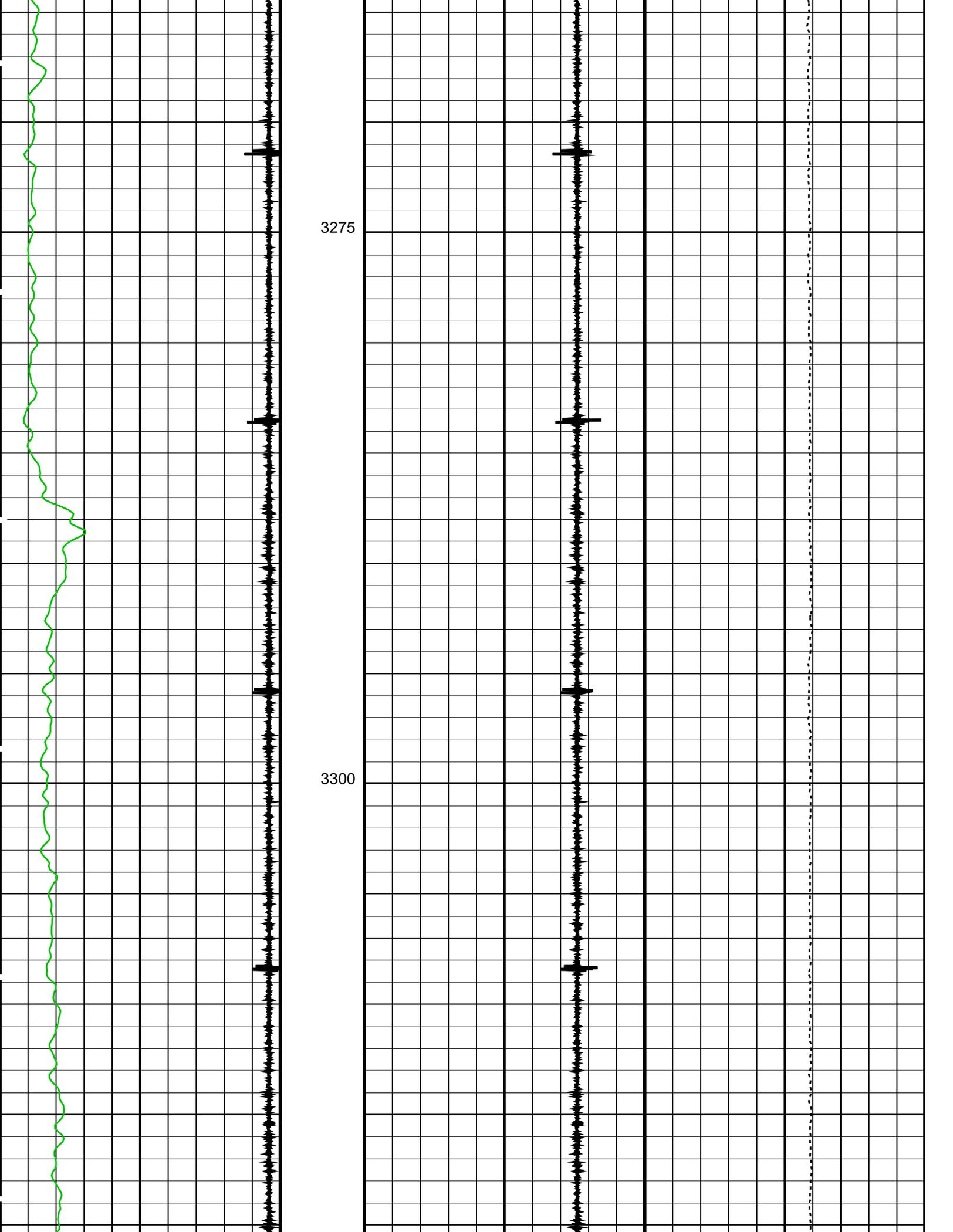
14C0-302

PIP SUMMARY

Time Mark Every 60 S

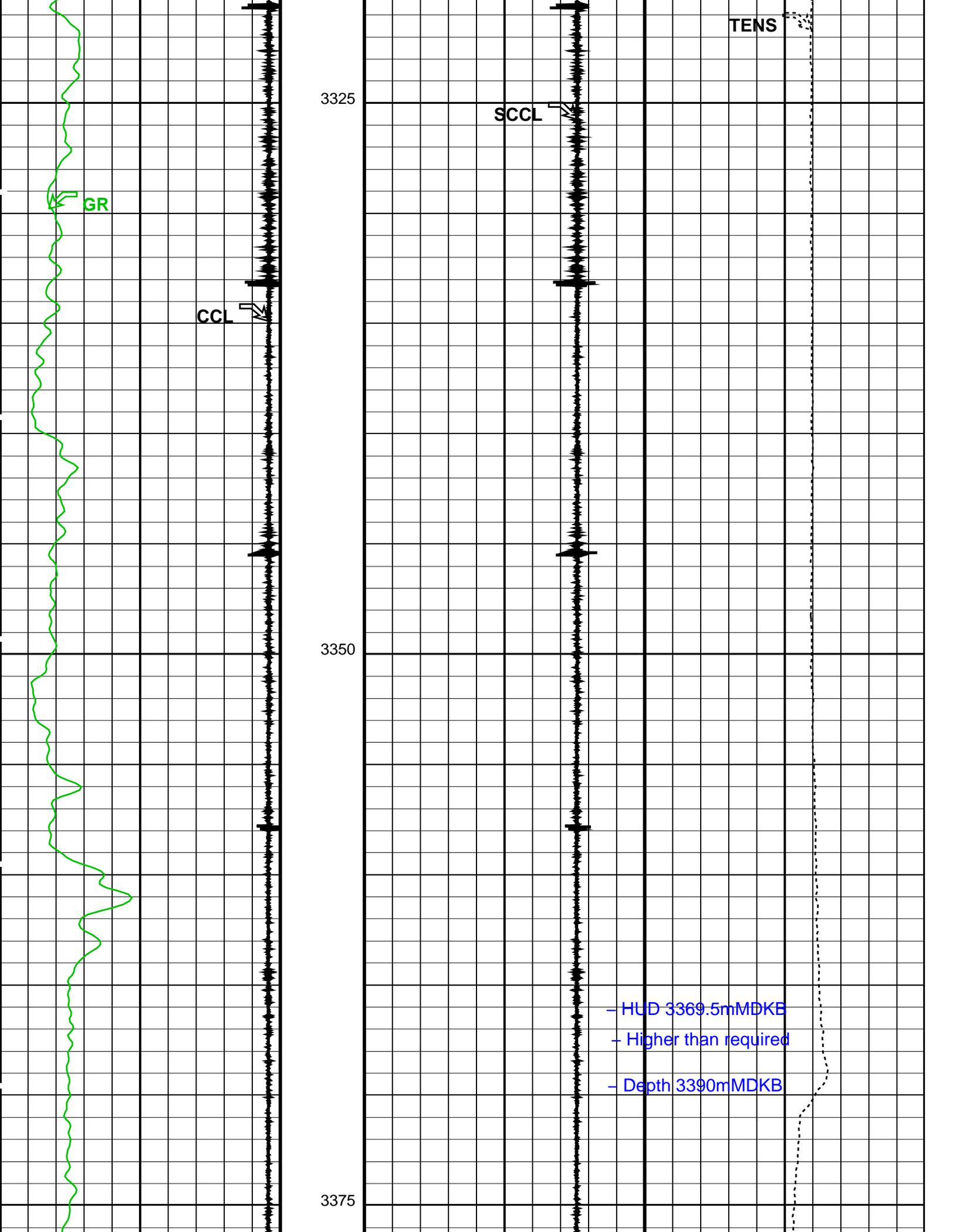






3275

3300



Gamma Ray (GR) (GAPI) 0 200		Shifted Casing Collar Locator (SCCL) -10 (----) 10 0		Tension (TENS) (LBF) 5000	
Casing Collar Locator (CCL) -19 (----) 1					

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
DO	System and Miscellaneous	0.7 M
PP	Depth Offset for Playback Playback Processing	NORMAL

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 11-Jul-2006 02:44

OP System Version: 14C0-302
MCM

SHM_GUN	14C0-302	PGGT-D	14C0-302
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Input DLIS Files

DEFAULT	PERFO_015PUP	FN:12	PRODUCER	11-Jul-2006 02:42	3377.0 M	3184.6 M
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Output DLIS Files

DEFAULT	PERFO_016PUP	FN:13	PRODUCER	11-Jul-2006 02:44
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Junk Basket Run 2
6" Gauge ring

MAXIS Field Log

Input DLIS Files

DEFAULT	PERFO_019LUP	FN:16	PRODUCER	12-Jul-2006 15:33	3401.0 M	3352.0 M
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Output DLIS Files

DEFAULT	PERFO_029PUP	FN:5	PRODUCER	12-Jul-2006 16:33	3401.1 M	3352.6 M
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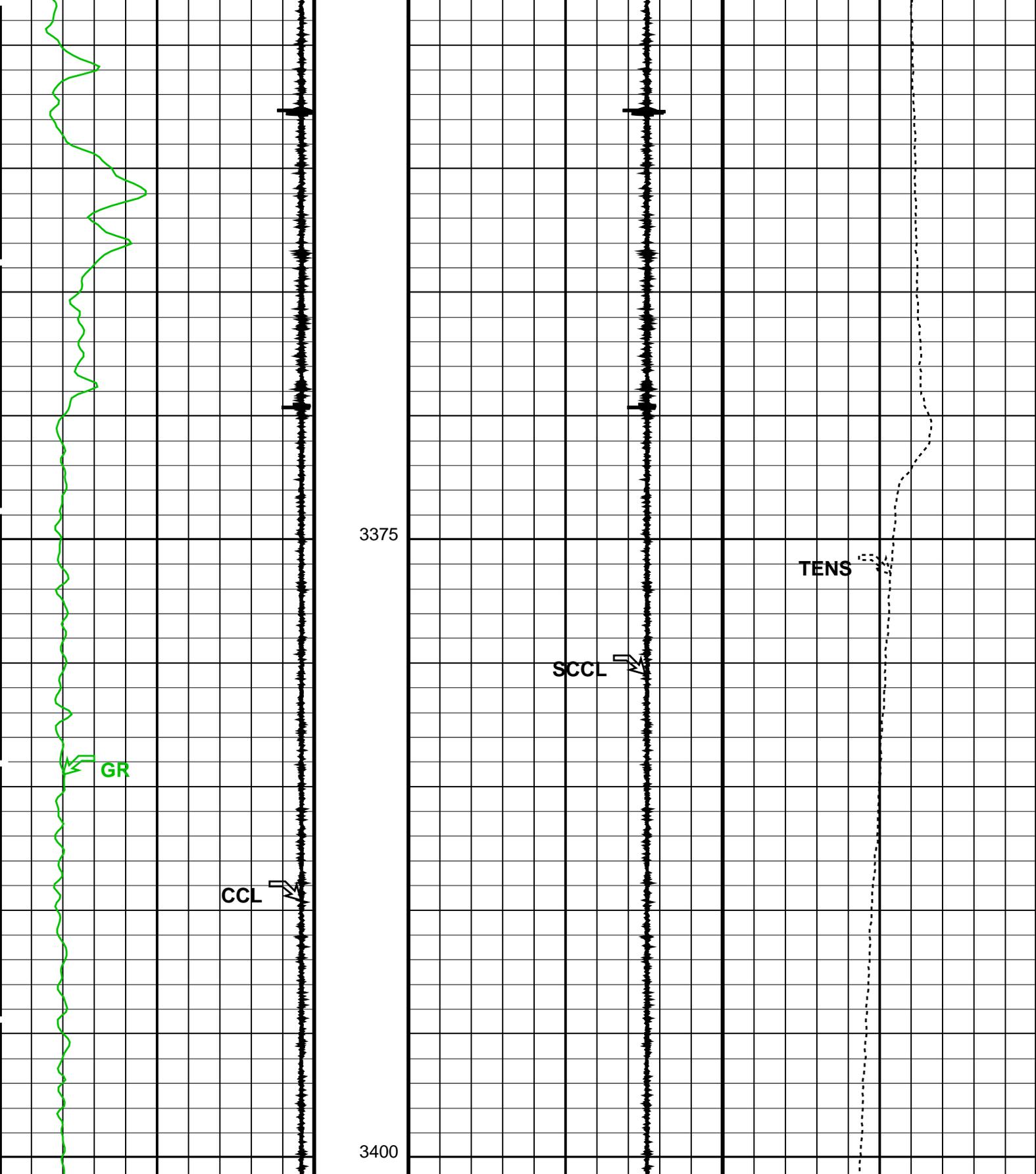
OP System Version: 14C0-302
MCM

SHM_GUN	14C0-302	PGGT-D	14C0-302
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PIP SUMMARY

Time Mark Every 60 S

Casing Collar Locator (CCL) -19 (----) 1		Shifted Casing Collar Locator (SCCL) -10 (----) 10 0		Tension (TENS) (LBF) 5000	
Gamma Ray (GR) (GAPI) 0 200					



Gamma Ray (GR)	200
(GAPI)	
Casing Collar Locator (CCL)	1
(----	
-19	

Shifted Casing Collar Locator (SCCL)	10 0	Tension (TENS)	5000
(----		(LBF)	
-10			

PIP SUMMARY

Time Mark Every 60 S

Parameters

Parameters

DLIS Name	Description	Value
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DO	System and Miscellaneous	
PP	Depth Offset for Playback Playback Processing	0.2 M NORMAL

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 12-Jul-2006 16:33

OP System Version: 14C0-302
MCM

SHM_GUN	14C0-302	PGGT-D	14C0-302
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Input DLIS Files

DEFAULT	PERFO_019LUP	FN:16	PRODUCER	12-Jul-2006 15:33	3401.0 M	3352.0 M
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Output DLIS Files

DEFAULT	PERFO_029PUP	FN:5	PRODUCER	12-Jul-2006 16:33
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Company: **Esso Australia Ltd.**

Schlumberger

Well: **WKF W-31a**
Field: **West Kingfish**
Rig: **Prod 3/Rig 453**
State: **Victoria**

Junk Basket
6" Gauge ring
GR-CCL