Rig: Prod 4

Schlumberger

Company: **ExxonMobil**

Well: **FLA A−2a**
Field: **Flounder**
Rig: **Prod 4** Country: **Australia**

2 1/8" Enerjet Gun MWPT
Perforation Record
7 " MPBT Plug Setting Record

Field: Flounder
Location: Gippsland Basin
Well: FLA A−2a
Company: ExxonMobil

LOCATION

Gippsland Basin
Bass Strait

Elev.: K.B. 33 m
G.L. −94 m
D.F. 33 m

Permanent Datum: Mean Sea Level
Log Measured From: Kelly Bushing
Drilling Measured From: Kelly Bushing

Elev.: 33 m
−33.0 m above Perm. Datum

State:	Max. Well Deviation	Longitude	Latitude
Victoria	44 deg	148 26 17.49 E	038 18 45.24 S

Logging Date		11−Feb−2006					
Run Number		1					
Depth Driller		2846.9 m					
Schlumberger Depth		2718.1 m					
Bottom Log Interval		2705 m					
Top Log Interval		2702.5 m					
Casing Fluid Type		Production Fluids					
Salinity							
Density							
Fluid Level							
BIT/CASING/TUBING STRING							
Bit Size		8.500 in					
From		1350 m					
To		2849 m					
Casing/Tubing Size		7.000 in					
Weight		26 lbm/ft					
Grade		L−80					
From		11.8 m					
To		2849 m					
Maximum Recorded Temperatures		242 degC					
Logger On Bottom	Time	11−Feb−2006	10:31				
Unit Number	Location	1	VEA				
Recorded By		G.Fraser/O Darby					
Witnessed By		Barrie White					

		Run 1	Run 2	Run 3
PVT DATA	Oil Density			
	Water Salinity			
	Gas Gravity			
	Bo			
	Bw			
	1/Bg			
	Bubble Point Pressure			
	Bubble Point Temperature			
	Solution GOR			
	Maximum Deviation	44 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			

Run 4

DEPTH SUMMARY LISTING

Date Created: 20−FEB−2006 8:04:12

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−H	Type:	CMTD−C	Type:	2−32ZT
Serial Number:	979	Serial Number:	1097	Serial Number:	22372
Calibration Date:	5−Jan−2005	Calibration Date:	15−Feb−2006	Length:	5002.07 M
Calibrator Serial Number:	1002	Calibrator Serial Number:	1174	Conveyance Method:	Wireline
Calibration Cable Type:	2−32ZT	Calibration Gain:	1.38	Rig Type:	Offshore_Fixed
Wheel Correction 1:	−3	Calibration Offset:	448.00		
Wheel Correction 2:	2				

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	ExxonMobil solar composite log
Reference Log Run Number:	Unknown
Reference Log Date:	16−Sep−2003
Subsequent Trip Down Log Correction:	3.00 M

Depth Control Remarks

1. Used IDW as primary depth control
2. Used Z−Chart as secondary depth control
3. MPBT plug was set on a down log due to a higher TD than expected
4. A cement dump bailer run was attemped, after getting stuck on the tubing patch (2130m−2136.5m MDKB) the run was aborted
5. Waiting on advice from Esso sub surface engineer on cement
6.

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

REMARKS: RUN NUMBER 1
Log corrleated to Solar log dated 16−Sep−2006, provided by the client.
Well has a max deviation of 44 deg at 2445m MDKB
Objective:
To perforate the well at 2702.5m to 2705.5m MDKB using 2 1/8" Enerjet gun
loaded with PowerSpiral charges.
After perforating, obtained static FBHP of psi and FBHT degF, then
flowed well for 15 min to obtain FBHP, FBHT and also for well clean up.
Before perforation : FBHP = 3280 psia, FBHT = 232.1 DegF
After perforation : FBHP = 3278.2 psia, FBHT = 241.9 DegF

After perforation : FBHP = 3278.3 psa, FBHT = 241.9 DegF

CCL to top shot = 3.9m

CCL to gun bottom = 6.8

CCL stop depth = 2689.6

Set 7 " MPBT plug with top sealing element at approx. 2712m MDKB, to isolate exisiting perforations. Two dump bailer runs are required one water one cement to drop approximately 1.0m of cement on the plug.

CCL to top sealing element = 7.0m

Crew: Jake Annear and Eddie Mezenberg

RUN 1			RUN 2		
PROGRAM VERSION:		3282 13C0−300	PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1

SURFACE EQUIPMENT

MWPM−AA 3008

DOWNHOLE EQUIPMENT

AH−SWBS AH−SWBS 761		10.34
AH−SWBS AH−SWBS 762		9.65
AH−SWBS AH−SWBS 763		8.97
MH−SWHS MH−SWHS 726		8.28
MWGT−AA MWPG−AA 19 MWGH−AA 19		7.95
	MWPG GR	2.41
MWPT−CA MWPH−AA 74 MWPS−AA 74		6.97
	CCL SMWP Pres SMWP Temp Tension	TOOL ZERO
AH−FLEX−JOINT AH−FLEX−JOINT 42		4.15
AH−SAH−G		3.85

RUN 2

SURFACE EQUIPMENT

MPBM 47

DOWNHOLE EQUIPMENT

AH−SWBS AH−SWBS 763		12.35
AH−SWBS AH−SWBS 762		11.67
AH−SWBS AH−SWBS 761		10.98
MH−SWHS MH−SWHS 726	CCL Tachomete Cable Cur Head Volt Tension	10.30
CCL−L CCL−L 4191	TOOL ZERO	9.97
MPSU−CA MPSU−CA 1011		9.51

AH−SAH−G 1047

MPD−MB
MPD−MB 2868 — 3.54

AH−ESIC
AH−ESIC 4100821 — 3.05

MWP_GUN
GUN−EnerJet — 2.74

TOOL BOTTOM

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

MPEX−AA
MPEX−AA — 3.10

TOOL BOTTOM

MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

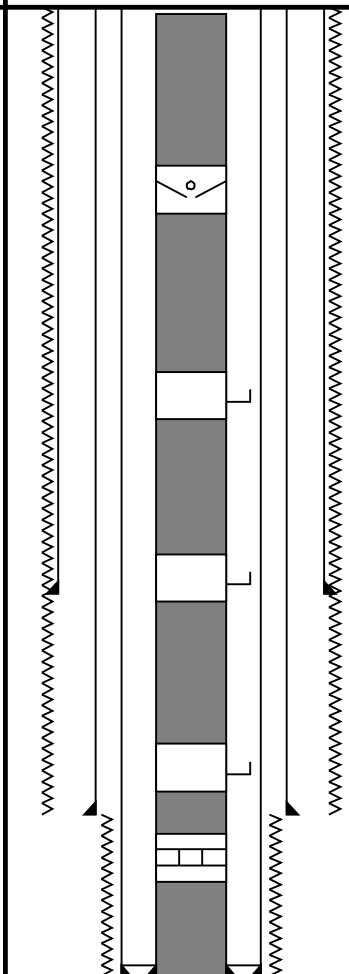
Client: Esso Australia Ltd
Well: FLA_A2a
Field: Bass Strait
State: Victoria
Country: Australia

Drawing Date: 2/11/2006

Rig Name: Flounder
Reference Datum: Mean Sea Level
Elevation: 33 m

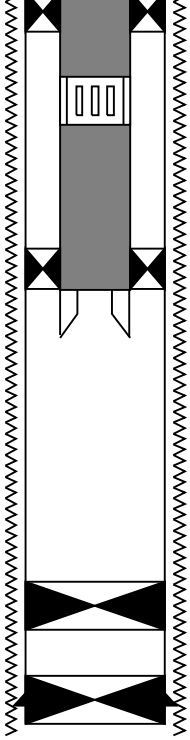
Production String	(in) OD	(in) ID	(m) MD
Tubing	3.500		11.8
Sub Surface Saftey Valve	3.500		443.1
Gas Lift Mandrel	3.500		789.9
Gas Lift Mandrel	3.500		1284.8
Gas Lift Mandrel	3.500		1487.6
Nipple	3.500		1601.2

Well Schematic



(m) MD	(in) OD	(in) ID	Casing String
0.0	14.500		Borehole Segment
981.5	13.375		Casing Shoe
1350.0	14.500		Casing Shoe
1350.0	8.500 9.625		Borehole Segment Borehole Segment Bottom

Packer	7.000	3.500	2082.8				
Sliding Sleeve	3.500		2099.9				
Packer	7.000	3.500	2179.4				
Bell Nipple Guide	3.500		2183.2				
Bridge Plug	7.000	0.000	2720.0				
Bridge Plug	7.000	0.000	2765.0	2796.9	7.000		Casing Shoe



All depths are drillers depths

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Operational Summary Listing

MAXIS Field Log

PERFO2 MWPT Operational Summary Listing

Device	Status	Req Depth (M)	Obs Depth (M)	Time Used
GUN1	Used	2702.5	2702.5	Sat Feb 11 12:08:52 2006

PERFO2 MPBT Operational Summary Listing

Device	Status	Req Depth (M)	Obs Depth (M)	Time Used
MPEX	Used	2712.0	2712.0	Sat Feb 18 12:25:20 2006

PERFO2 Water Dump Bailer Operational Summary Listing

Device	Status	Req Depth (M)	Obs Depth (M)	Time Used
GUN1	Used	2704.9	2704.9	Sun Feb 19 11:34:43 2006

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Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)	File
Rig Up Started	11−Feb−2006 7:45			
Rig up for MWPT				
Log Pass (up)	11−Feb−2006 10:20	000:07	2720.0 − 2648.6	PERFO_011LUP
MWPT correlation pass				
Log Pass (up)	11−Feb−2006 11:53	000:40	2716.8 − 2648.6	PERFO_015LUP
MWPT shooting pass				
Station Log	11−Feb−2006 11:57	000:28	2698.6 − 4.2	PERFO_016LTP
MWPT station log				
Rig Down Completed	11−Feb−2006 13:45			
Rig down for MWPT				
Rig Up Started	18−Feb−2006 7:40			
Rig up for dummy run				
Log Pass (up)	18−Feb−2006 8:28	000:12	2722.8 − 2599.6	PSP_025LUP
Dummy run				
Rig Down Completed	18−Feb−2006 9:45			
Rig down for dummy run				
Rig Up Started	18−Feb−2006 10:15			
Rig up for MPBT run				
Log Pass (down)	18−Feb−2006 11:48	000:08	2629.7 − 2704.9	CCL_033LDP
Setting pass MPBT				
Rig Down Completed	18−Feb−2006 15:15			
Rig down for MPBT run				
Rig Up Started	19−Feb−2006 9:15			
Rig up for water dump bailer				
Log Pass (up)	19−Feb−2006 11:33	000:03	2697.3 − 2659.7	PERFO_063LUP
Water dumped				
Rig Down Completed	19−Feb−2006 12:00			
Rig down for water dump bailer				

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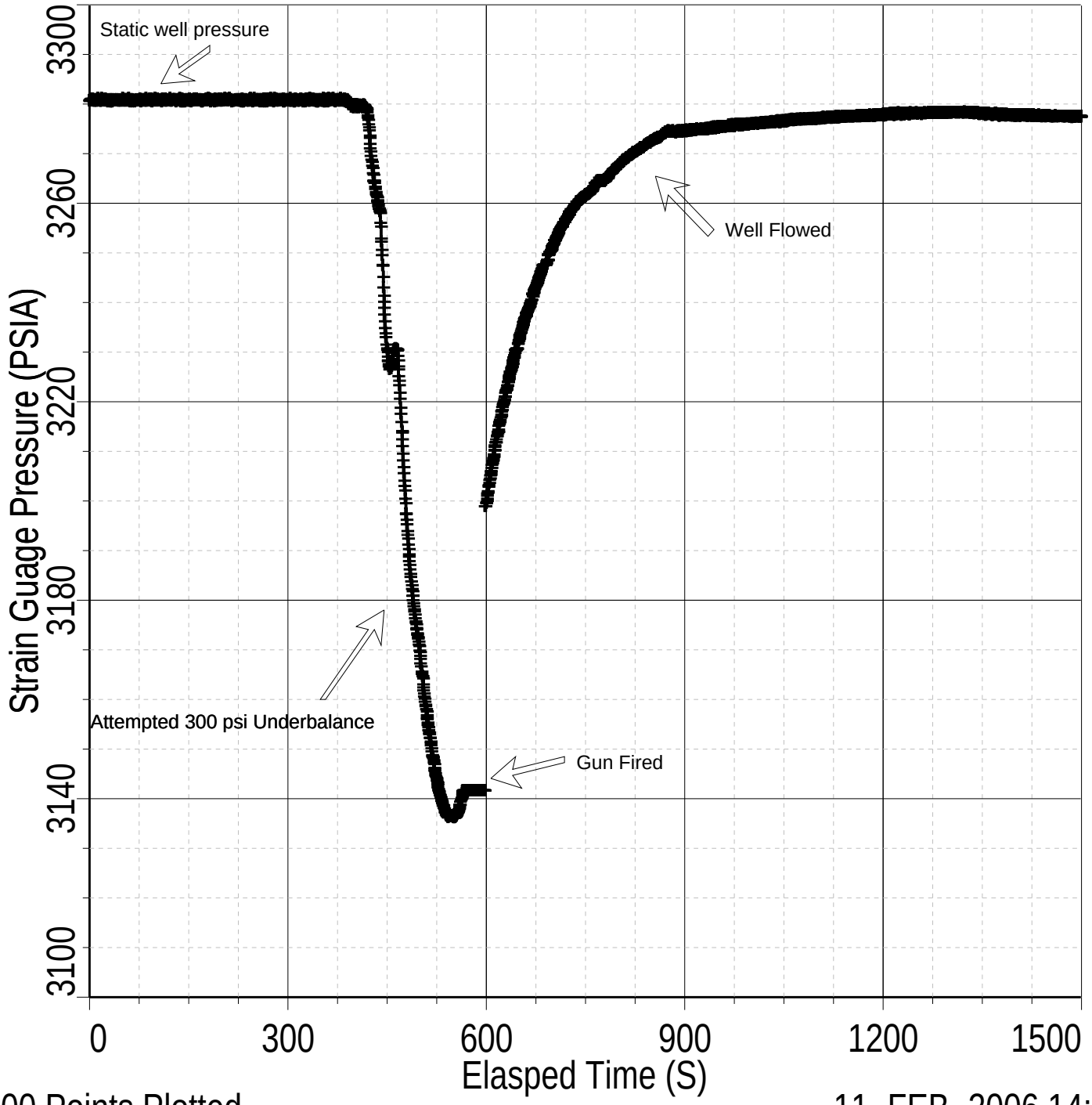
2 1/8" Phased Enerjet Station Logs

MAXIS Field Log

Index: 42164.0 − 50563.8 M



3000 Points Plotted

11−FEB−2006 14:00

Company: ExxonMobil **Well: FLA A−2a**

Input DLIS Files

DEFAULT	PERFO_016LTP	FN:15	PRODUCER	11−Feb−2006 11:57	2698.6 M	4.2 M

Output DLIS Files

DEFAULT	PERFO_017PTP	FN:16	PRODUCER	11−Feb−2006 12:47	2698.6 M	4.2 M

OP System Version: 13C0−300

MCM

MWP_GUN	13C0−300	MWPT−CA	13C0−300
MWGT−AA	13C0−300		

PIP SUMMARY

Time Mark Every: 60 S

Time Mark Every 60 S

Temperature (TEMP_MWPT_SL)
230 (DEGF) 250

Temperature (TEMP_MWPT_SL) (DEGF)

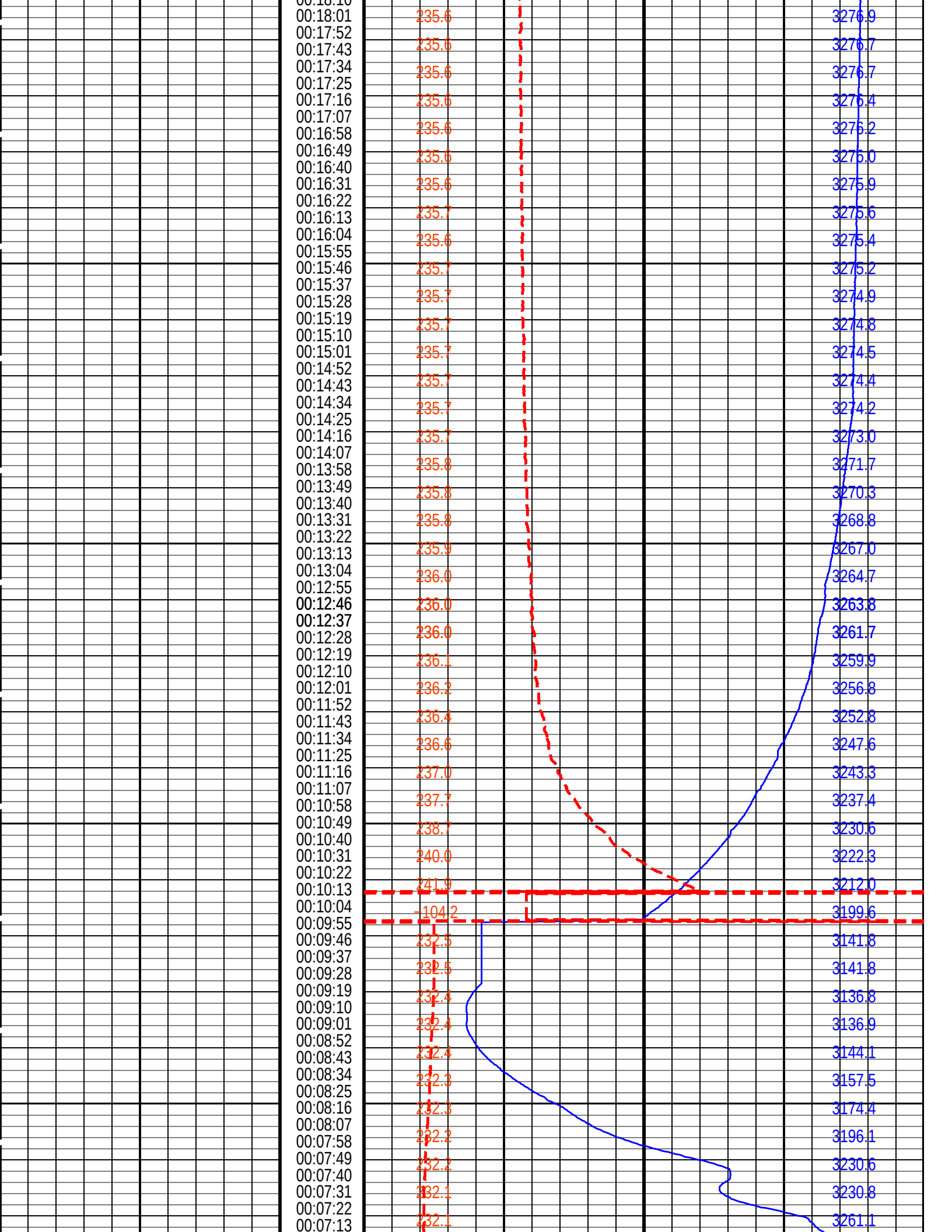
Pressure (SGP_SL) (PSIA)

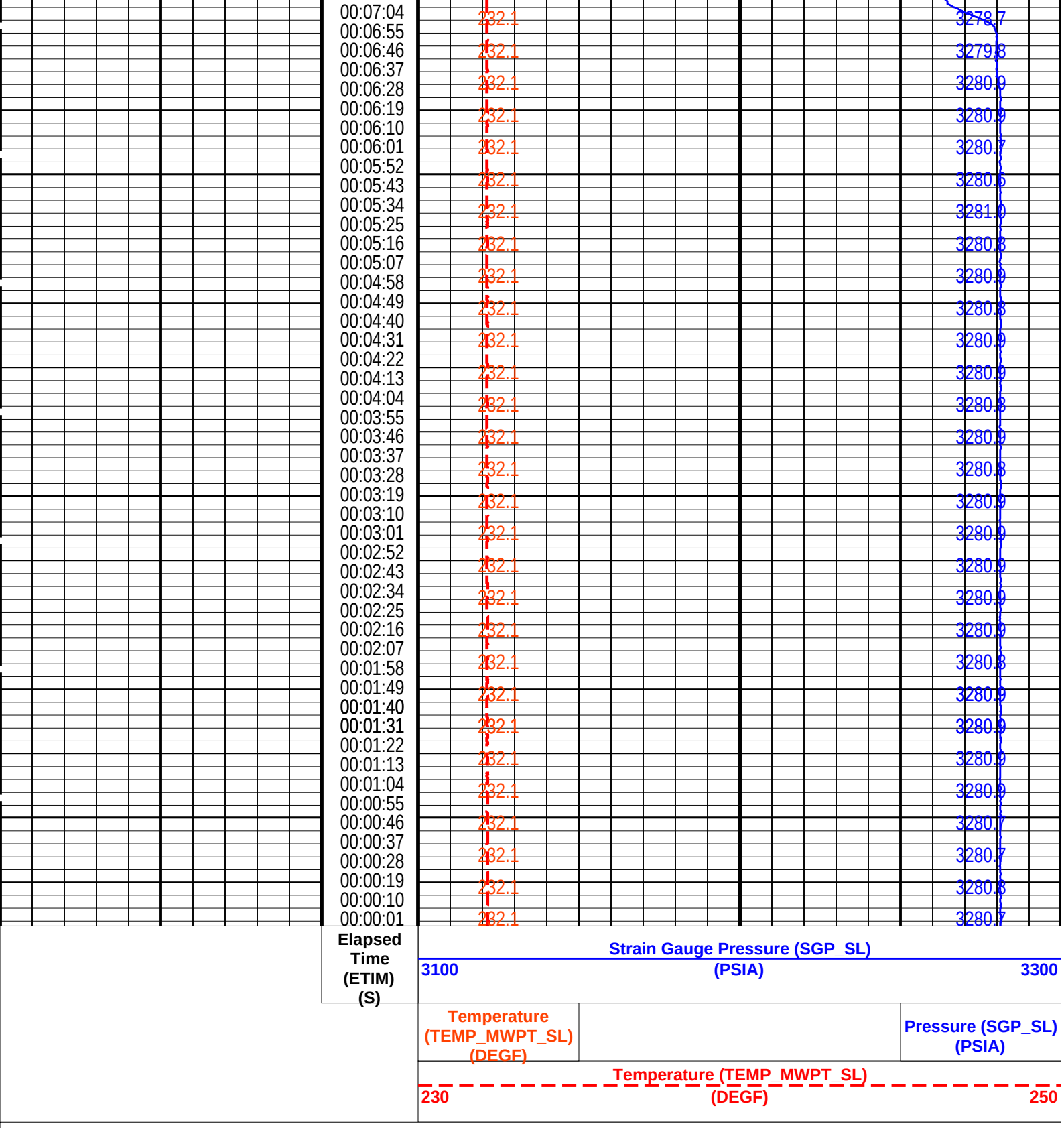
Strain Gauge Pressure (SGP_SL)
3100 (PSIA) 3300

Elapsed Time (ETIM) (S)	Temperature (TEMP_MWPT_SL) (DEGF)	Pressure (SGP_SL) (PSIA)
00:27:28	235.2	3276.8
00:27:19	235.2	3276.8
00:27:10		
00:27:01	235.2	3277.1
00:26:52		
00:26:43	235.2	3277.1
00:26:34	235.2	3277.1
00:26:25		
00:26:16	235.2	3277.2
00:26:07		
00:25:58	235.2	3277.3
00:25:49	235.3	3277.4
00:25:40		
00:25:31	235.3	3277.4
00:25:22		
00:25:13	235.3	3277.4
00:25:04	235.3	3277.6
00:24:55		
00:24:46	235.3	3277.4
00:24:37		
00:24:28	235.3	3277.6
00:24:19	235.3	3277.5
00:24:10		
00:24:01	235.3	3277.6
00:23:52		
00:23:43	235.4	3277.7
00:23:34	235.4	3277.8
00:23:25		
00:23:16	235.4	3277.8
00:23:07		
00:22:58	235.4	3278.0
00:22:49	235.4	3277.8
00:22:40		
00:22:31	235.4	3278.2
00:22:22		
00:22:13	235.4	3278.3
00:22:04	235.4	3278.4
00:21:55		
00:21:46	235.5	3278.3
00:21:37		
00:21:28	235.5	3278.2
00:21:19	235.4	3278.2
00:21:10		
00:21:01	235.5	3278.2
00:20:52		
00:20:43	235.5	3278.1
00:20:34	235.5	3278.1
00:20:25		
00:20:16	235.5	3278.1
00:20:07		
00:19:58	235.5	3277.9
00:19:49	235.5	3277.8
00:19:40		
00:19:31	235.5	3277.8
00:19:22		
00:19:13	235.5	3277.5
00:19:04	235.5	3277.6
00:18:55		
00:18:46	235.5	3277.3
00:18:37		
00:18:28	235.6	3277.2
00:18:19	235.5	3277.1
00:18:10		

TEMP_MWPT_SL

SGP_SL


00:18:10
00:18:01 235.6 3276.9
00:17:52
00:17:43 235.6 3276.7
00:17:34 235.6 3276.7
00:17:25
00:17:16 235.6 3276.4
00:17:07
00:16:58 235.6 3276.2
00:16:49 235.6 3276.0
00:16:40
00:16:31 235.6 3275.9
00:16:22
00:16:13 235.7 3275.6
00:16:04 235.6 3275.4
00:15:55
00:15:46 235.7 3275.2
00:15:37
00:15:28 235.7 3274.9
00:15:19 235.7 3274.8
00:15:10
00:15:01 235.7 3274.5
00:14:52
00:14:43 235.7 3274.4
00:14:34 235.7 3274.2
00:14:25
00:14:16 235.7 3273.0
00:14:07
00:13:58 235.8 3271.7
00:13:49 235.8 3270.3
00:13:40
00:13:31 235.8 3268.8
00:13:22
00:13:13 235.9 3267.0
00:13:04 236.0 3264.7
00:12:55
00:12:46 236.0 3263.8
00:12:37
00:12:28 236.0 3261.7
00:12:19 236.1 3259.9
00:12:10
00:12:01 236.2 3256.8
00:11:52
00:11:43 236.4 3252.8
00:11:34 236.6 3247.6
00:11:25
00:11:16 237.0 3243.3
00:11:07
00:10:58 237.7 3237.4
00:10:49 238.7 3230.6
00:10:40
00:10:31 240.0 3222.3
00:10:22
00:10:13 241.9 3212.0
00:10:04 -104.2 3199.6
00:09:55
00:09:46 232.5 3141.8
00:09:37
00:09:28 232.5 3141.8
00:09:19 232.4 3136.8
00:09:10
00:09:01 232.4 3136.9
00:08:52
00:08:43 232.4 3144.1
00:08:34 232.3 3157.5
00:08:25
00:08:16 232.3 3174.4
00:08:07
00:07:58 232.2 3196.1
00:07:49 232.2 3230.6
00:07:40
00:07:31 232.1 3230.8
00:07:22
00:07:13 232.1 3261.1



Parameters

DLIS Name	Description	Value	
	MWPT−CA: MEASUREMENT WHILE PERFORATING TOOL		
DEVI_FL_CORR	Deviation Angle for Flow Line Correction	0	DEG
FLD	Flow Line Density	1	G/C3
MWPT_NULL_SOURCE	MWPT NULL Temperature Source	TEMS	
MWPT_NULL_TEMP	MWPT NULL Temperature	0.0	DEGC
	System and Miscellaneous		
PP	Playback Processing	RECOMPUTE	

Format: MWP_SL Vertical Scale: 1" per 60S Graphics File Created: 11−Feb−2006 12:47

OP System Version: 13C0−300
MCM

MWP_GUN	13C0−300	MWPT−CA	13C0−300
MWGT−AA	13C0−300		

Input DLIS Files

DEFAULT	PERFO_016LTP	FN:15	PRODUCER	11−Feb−2006 11:57	2698.6 M	4.2 M

Output DLIS Files

DEFAULT	PERFO_017PTP	FN:16	PRODUCER	11−Feb−2006 12:47

Schlumberger

2 1/8" Phased Enerjet Shooting Pass

MAXIS Field Log

Output DLIS Files

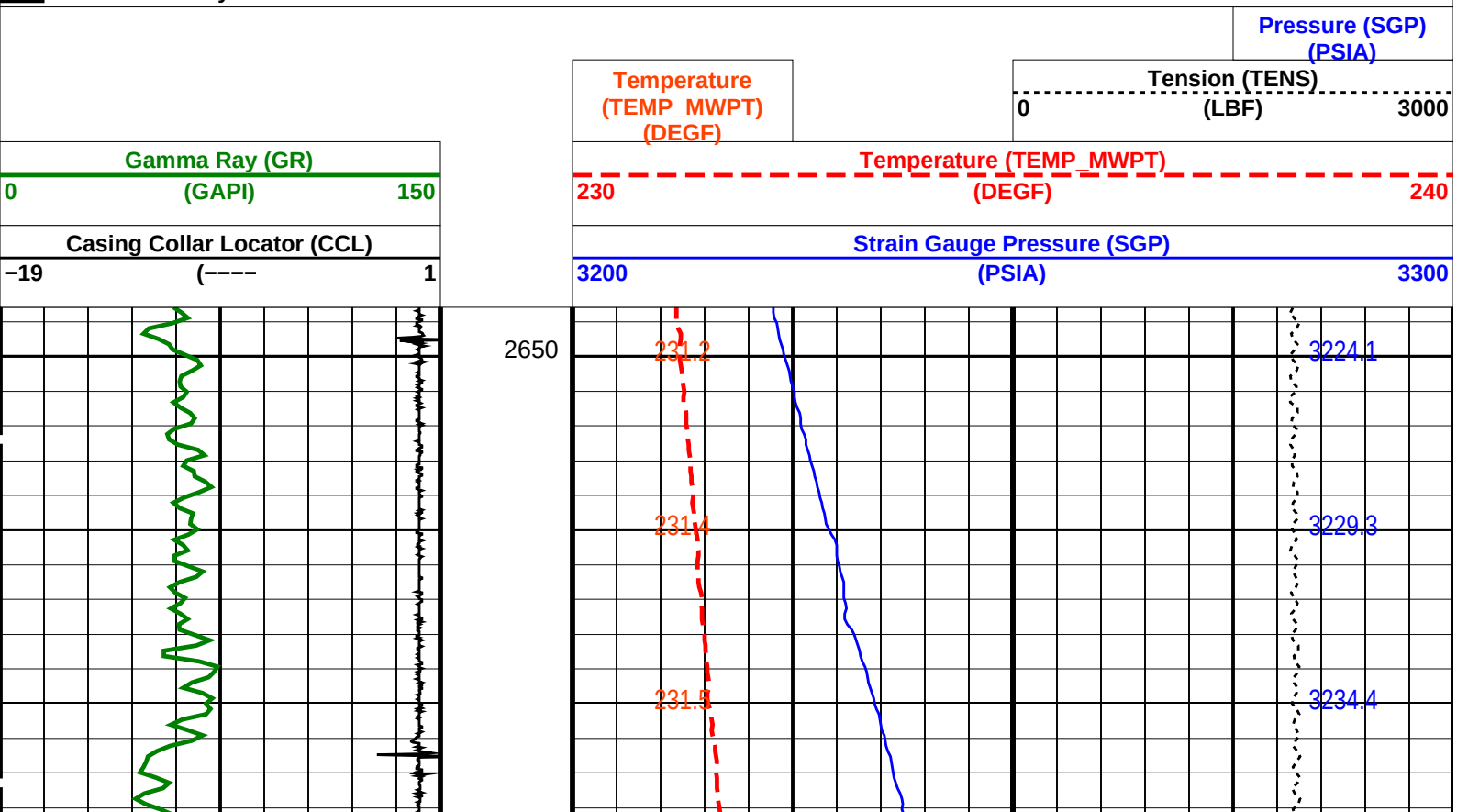
DEFAULT	PERFO_015LUP	FN:14	PRODUCER	11−Feb−2006 11:53	2716.8 M	2648.6 M

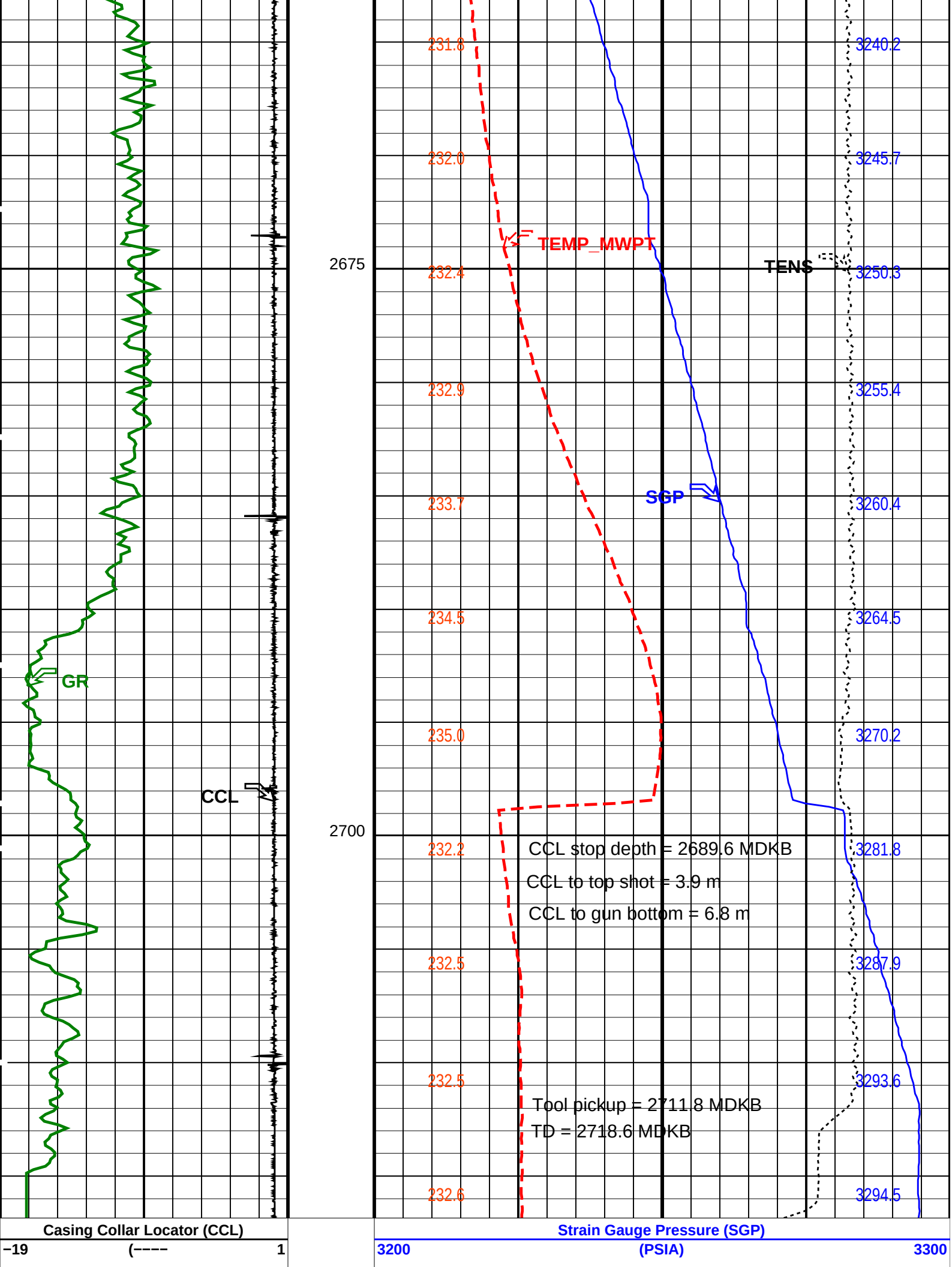
OP System Version: 13C0−300
MCM

MWP_GUN	13C0−300	MWPT−CA	13C0−300
MWGT−AA	13C0−300		

PIP SUMMARY

Time Mark Every 60 S




GR
CCL
2675
2700
231.8
232.0
232.4
232.9
233.7
234.5
235.0
232.2
232.5
232.5
232.6
TEMP_MWPT
TENS
SGP
3240.2
3245.7
3250.3
3255.4
3260.4
3264.5
3270.2
3281.8
3287.9
3293.6
3294.5
CCL stop depth = 2689.6 MDKB
CCL to top shot = 3.9 m
CCL to gun bottom = 6.8 m
Tool pickup = 2711.8 MDKB
TD = 2718.6 MDKB
Casing Collar Locator (CCL)
−19
(−−−−
1
Strain Gauge Pressure (SGP)
3200
(PSIA)
3300

Gamma Ray (GR)
0 (GAPI) 150

Temperature (TEMP_MWPT)
230 (DEGF) 240

Temperature (TEMP_MWPT) (DEGF)

Tension (TENS)
0 (LBF) 3000

Pressure (SGP) (PSIA)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
MWPT−CA: MEASUREMENT WHILE PERFORATING TOOL			
DEVI_FL_CORR	Deviation Angle for Flow Line Correction	0	DEG
FLD	Flow Line Density	1	G/C3
MWPT_NULL_SOURCE	MWPT NULL Temperature Source	TEMS	
MWPT_NULL_TEMP	MWPT NULL Temperature	0.0	DEGC

Format: MWP Vertical Scale: 1:200 Graphics File Created: 11−Feb−2006 11:53

OP System Version: 13C0−300

MCM

MWP_GUN	13C0−300	MWPT−CA	13C0−300
MWGT−AA	13C0−300		

Output DLIS Files

DEFAULT	PERFO_015LUP	FN:14	PRODUCER	11−Feb−2006 11:53

Schlumberger

2 1/8" Phased Enerjet Correlation Pass

MAXIS Field Log

Input DLIS Files

DEFAULT	PERFO_011LUP	FN:10	PRODUCER	11−Feb−2006 10:20	2720.0 M	2648.6 M

Output DLIS Files

DEFAULT	PERFO_028PUP	FN:27	PRODUCER	11−Feb−2006 18:06	2720.5 M	2649.5 M

OP System Version: 13C0−300

MCM

MWP_GUN	13C0−300	MWPT−CA	13C0−300
MWGT−AA	13C0−300		

PIP SUMMARY

Time Mark Every 60 S

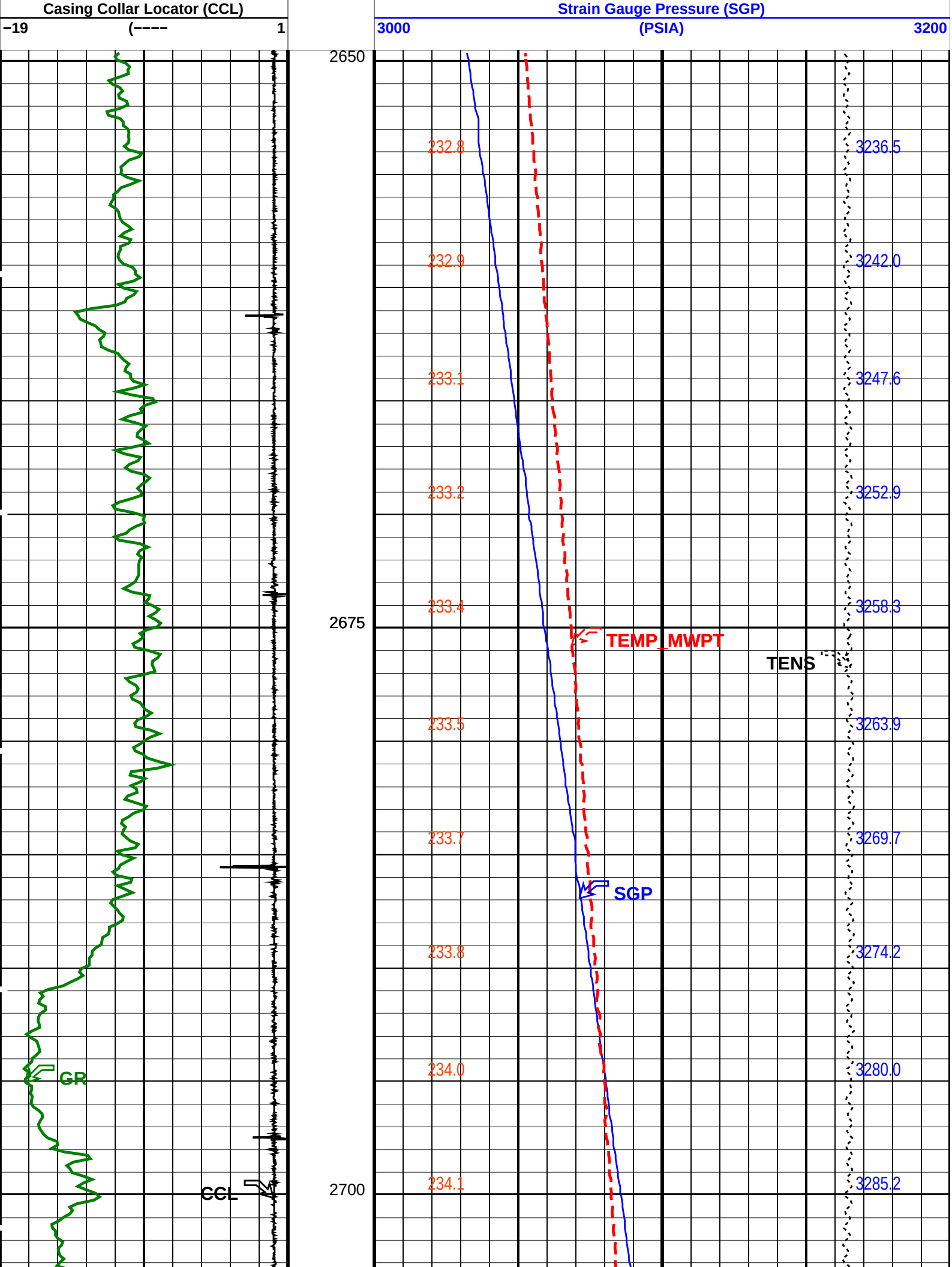
Pressure (SGP) (PSIA)

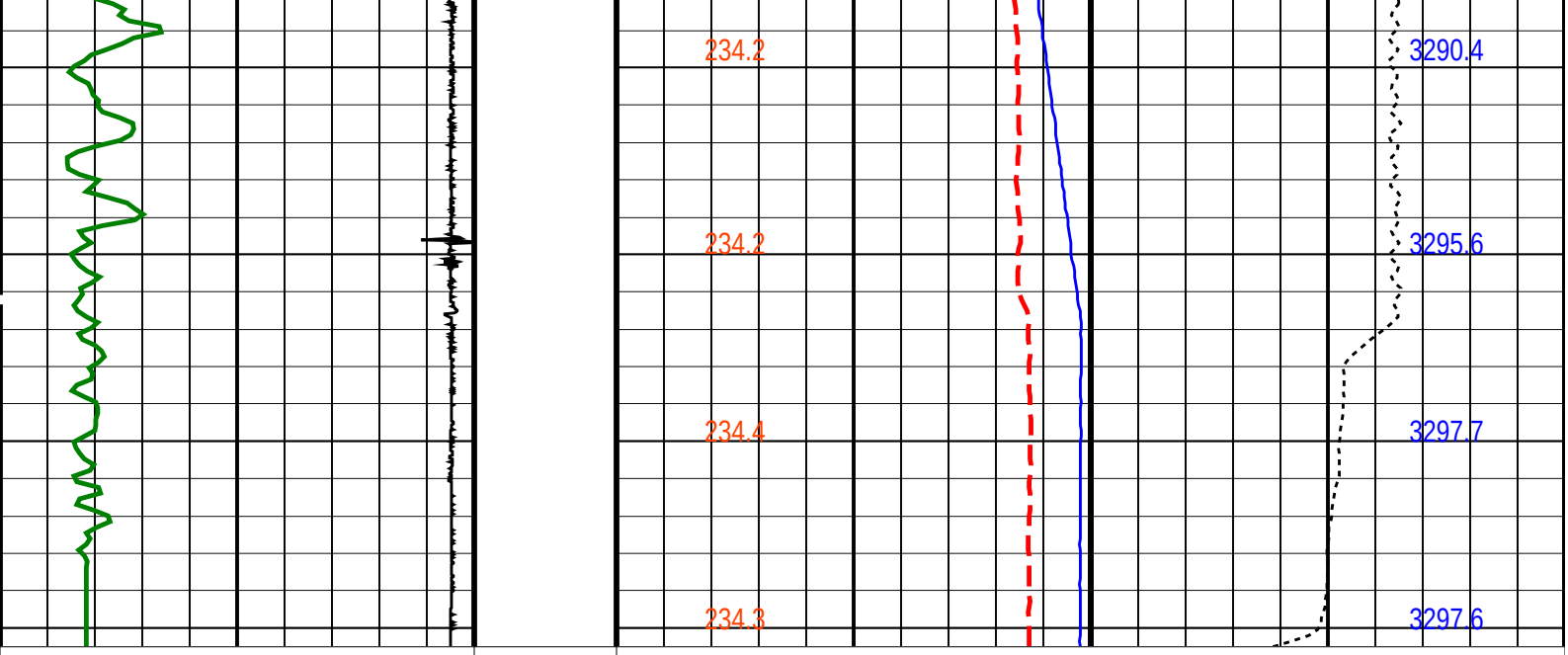
Temperature (TEMP_MWPT) (DEGF)

Tension (TENS)
0 (LBF) 3000

Gamma Ray (GR)
0 (GAPI) 150

Temperature (TEMP_MWPT)
230 (DEGF) 240


Casing Collar Locator (CCL)
−19
(−−−−
1
Strain Gauge Pressure (SGP)
3000
(PSIA)
3200
2650
2675
2700
232.8
232.9
233.1
233.2
233.4
233.5
233.7
233.8
234.0
234.1
3236.5
3242.0
3247.6
3252.9
3258.3
3263.9
3269.7
3274.2
3280.0
3285.2
TEMP_MWPT
TENS
SGP
GR
CCL



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

Gamma Ray (GR)		
0	(GAPI)	150

Strain Gauge Pressure (SGP)		
3000	(PSIA)	3200

Temperature (TEMP_MWPT)		
230	(DEGF)	240

Temperature (TEMP_MWPT) (DEGF)

Tension (TENS)		
0	(LBF)	3000

Pressure (SGP) (PSIA)

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
MWPT−CA: MEASUREMENT WHILE PERFORATING TOOL			
DEVI_FL_CORR	Deviation Angle for Flow Line Correction	0	DEG
FLD	Flow Line Density	1	G/C3
MWPT_NULL_SOURCE	MWPT NULL Temperature Source	TEMS	
MWPT_NULL_TEMP	MWPT NULL Temperature	0.0	DEGC
System and Miscellaneous			
DO	Depth Offset for Playback	0.4	M
PP	Playback Processing	NORMAL	

Format: MWP Vertical Scale: 1:200 Graphics File Created: 11−Feb−2006 18:06

OP System Version: 13C0−300

MCM

MWP_GUN	13C0−300	MWPT−CA	13C0−300
MWGT−AA	13C0−300		

Input DLIS Files

DEFAULT	PERFO_011LUP	FN:10	PRODUCER	11−Feb−2006 10:20	2720.0 M	2648.6 M

Output DLIS Files

DEFAULT	PERFO_028PUP	FN:27	PRODUCER	11−Feb−2006 18:06

Schlumberger

7 " MPBT Plug
Water Dump Bailer

MAXIS Field Log

Company: ExxonMobil **Well: FLA A−2a**

Output DLIS Files

DEFAULT	PERFO_063LUP	FN:57	PRODUCER	19−Feb−2006 11:33	2697.3 M	2659.7 M

OP System Version: 13C0−300

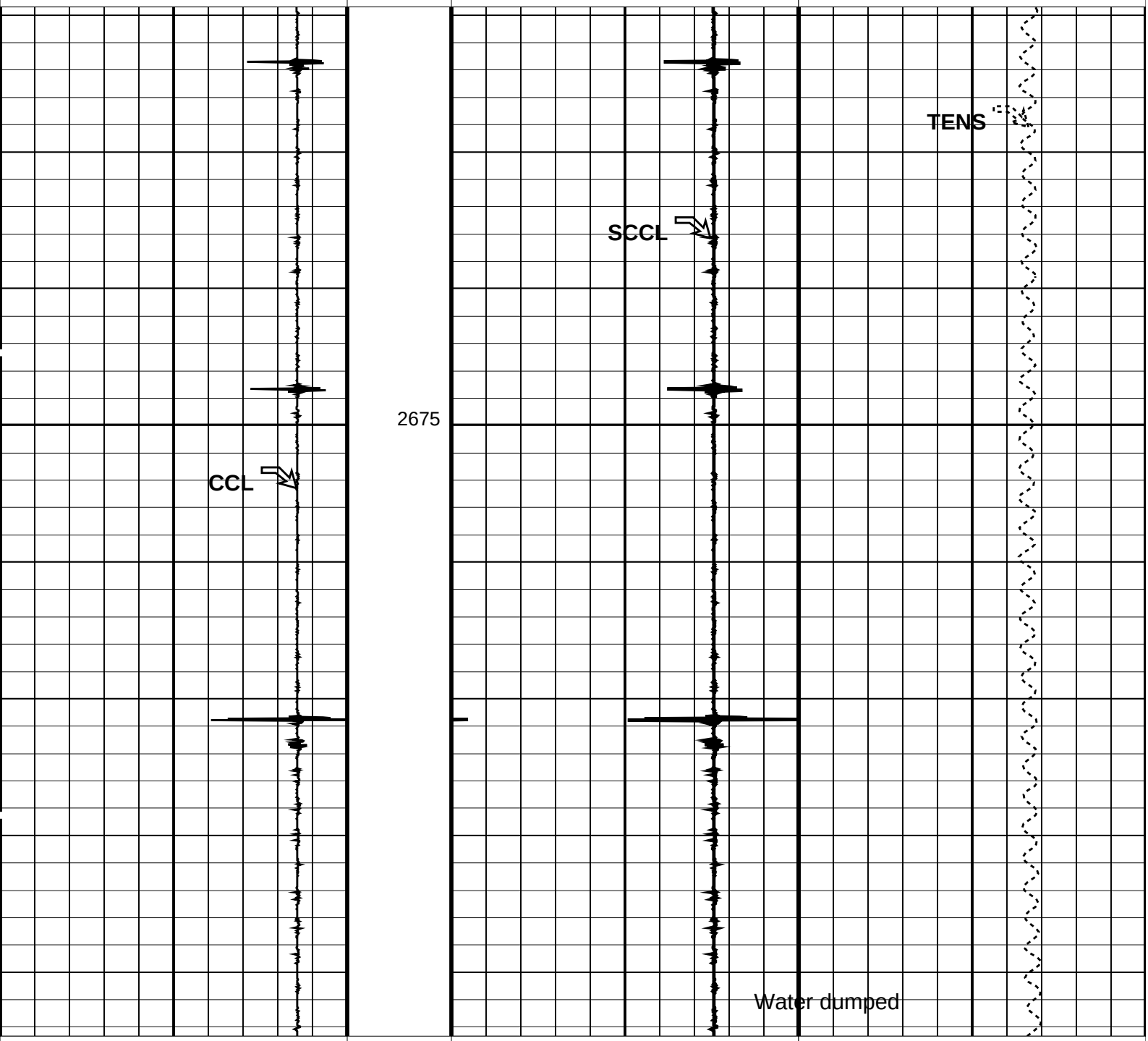
MCM

SHM_GUN	13C0−300	CCL−L	13C0−300

PIP SUMMARY

Time Mark Every 60 S

Casing Collar Locator (CCL)		Shifted Casing Collar Locator (SCCL)		Tension (TENS)	
−17	(−−−− 3	−10	(−−−− 10	0	(LBF) 3000



Casing Collar Locator (CCL)	Shifted Casing Collar Locator (SCCL)	Tension (TENS)
−17 (−−−− 3	−10 (−−−− 10	0 (LBF) 3000

PIP SUMMARY

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: 19−Feb−2006 11:33

OP System Version: 13C0−300

MCM

SHM_GUN	13C0−300	CCL−L	13C0−300

Output DLIS Files

DEFAULT	PERFO_063LUP	FN:57	PRODUCER	19−Feb−2006 11:33

Schlumberger

7 " MPBT Plug Station Log

MAXIS Field Log

Company: ExxonMobil Well: FLA A−2a

Output DLIS Files

DEFAULT	CCL_034LUP	FN:30	PRODUCER	18−Feb−2006 11:58

OP System Version: 13C0−300

MCM

MPEX−DA	13C0−300	MPSU−CA	13C0−300
CCL−L	13C0−300		

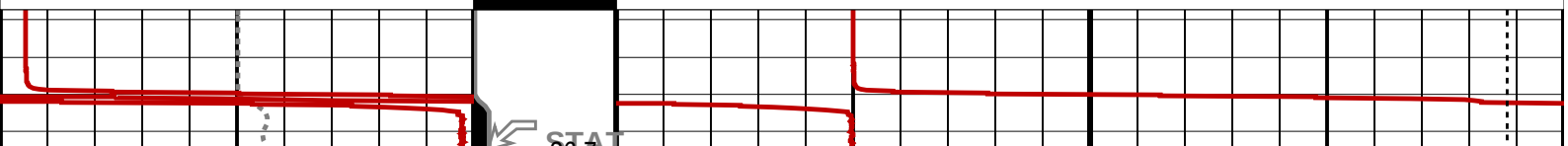
PIP SUMMARY

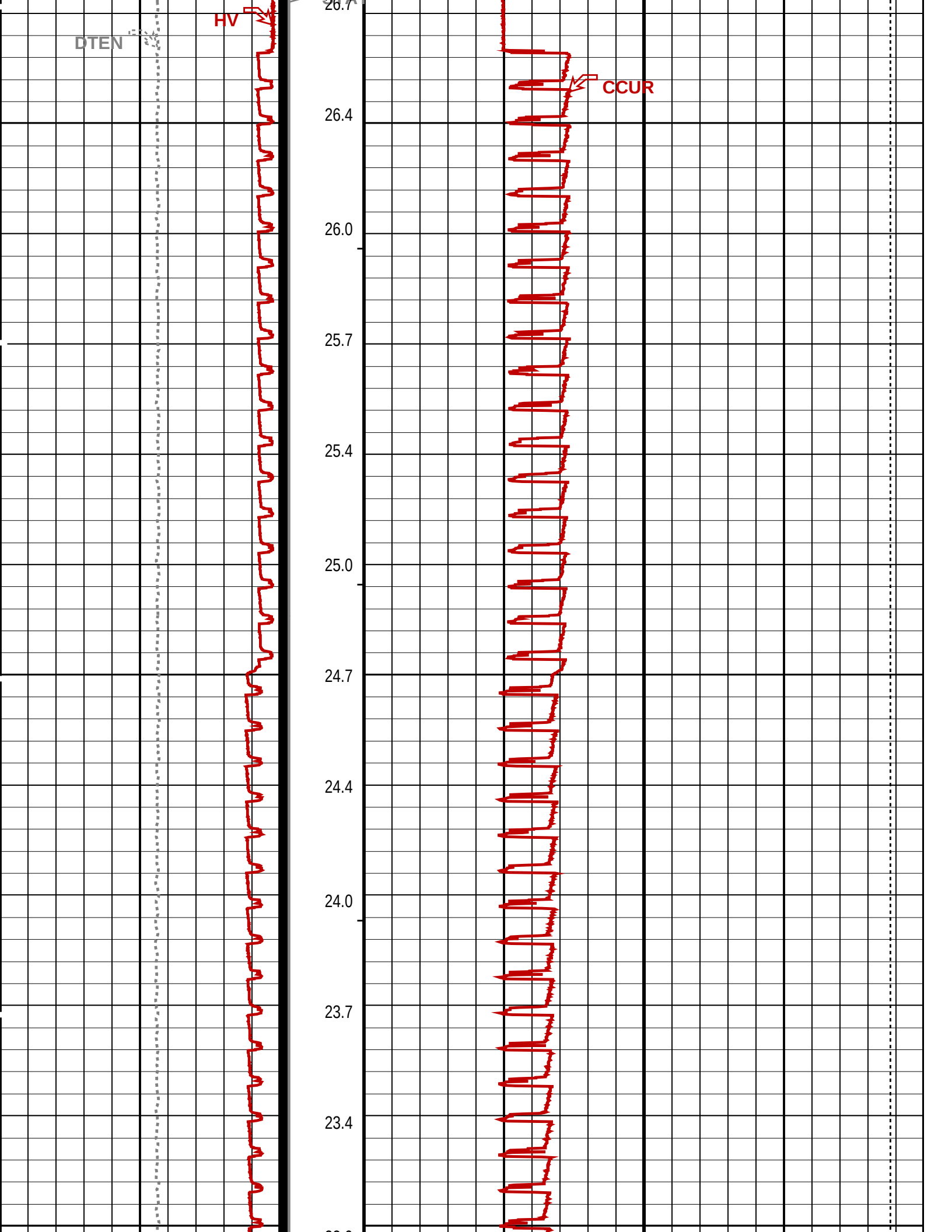
MPSU Run Time Every 1 MN

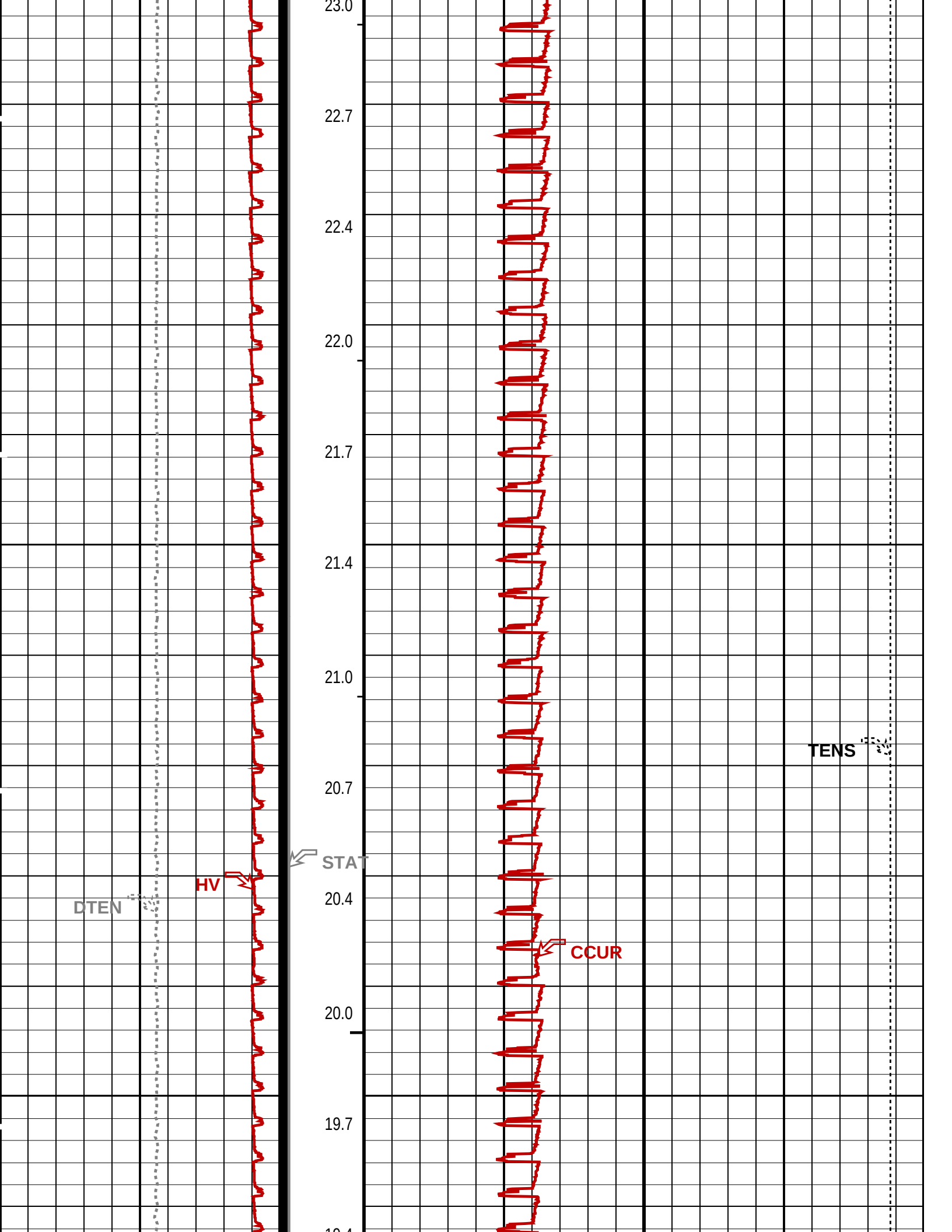
MPSU Run Time Every 10 MN

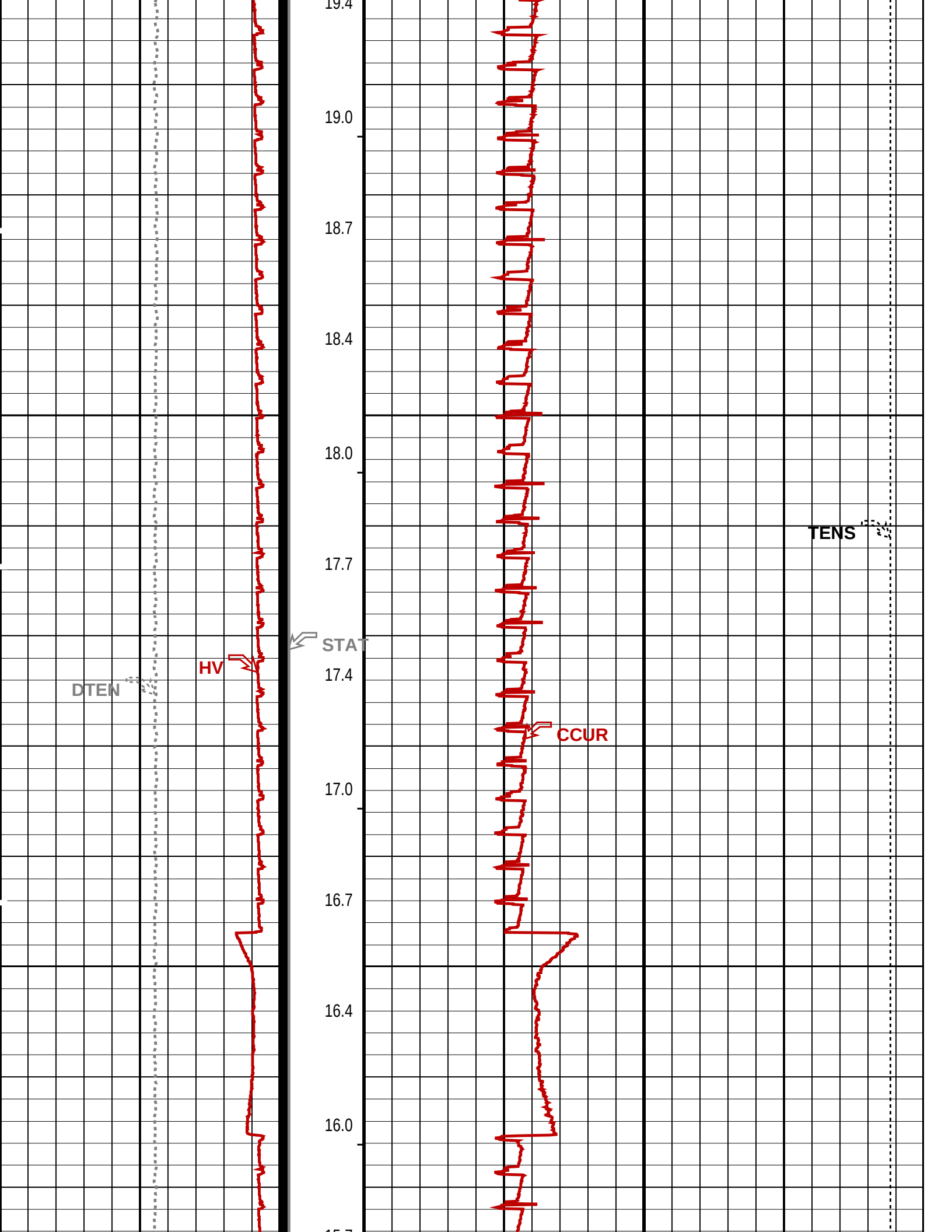
Time Mark Every 60 S

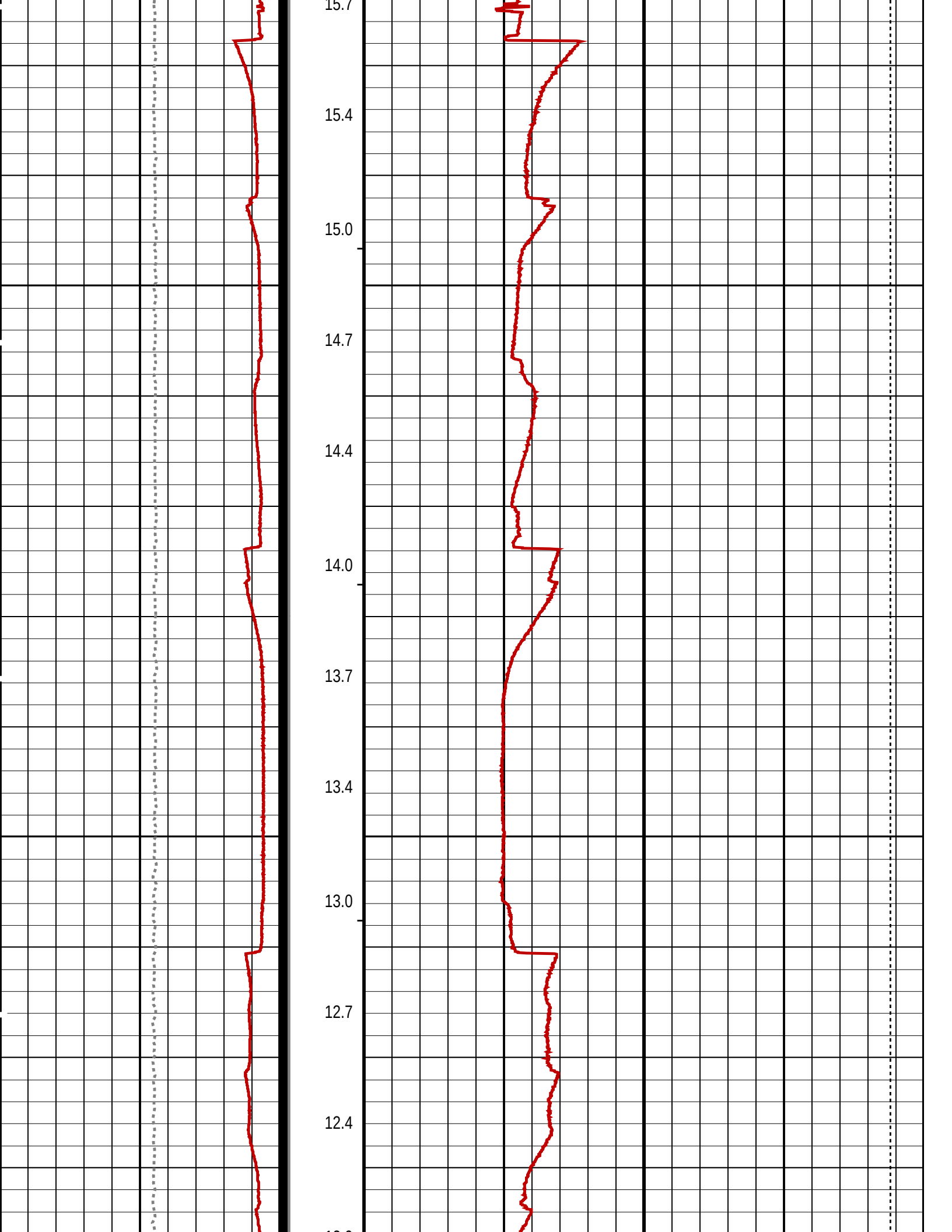
	RUN Time (RTIM) (MN)	
MPSU Head Voltage (HV) 200 (V) 300	MPSU Run Status (STAT) 0 (−−−−10	Tension (TENS) 10000 (LBF) 0
Differential Tension (DTEN) −200 (LBF) 200	ON/Int From D3T to STAT	MPBM Cable Current (CCUR) 300 (MA) 700

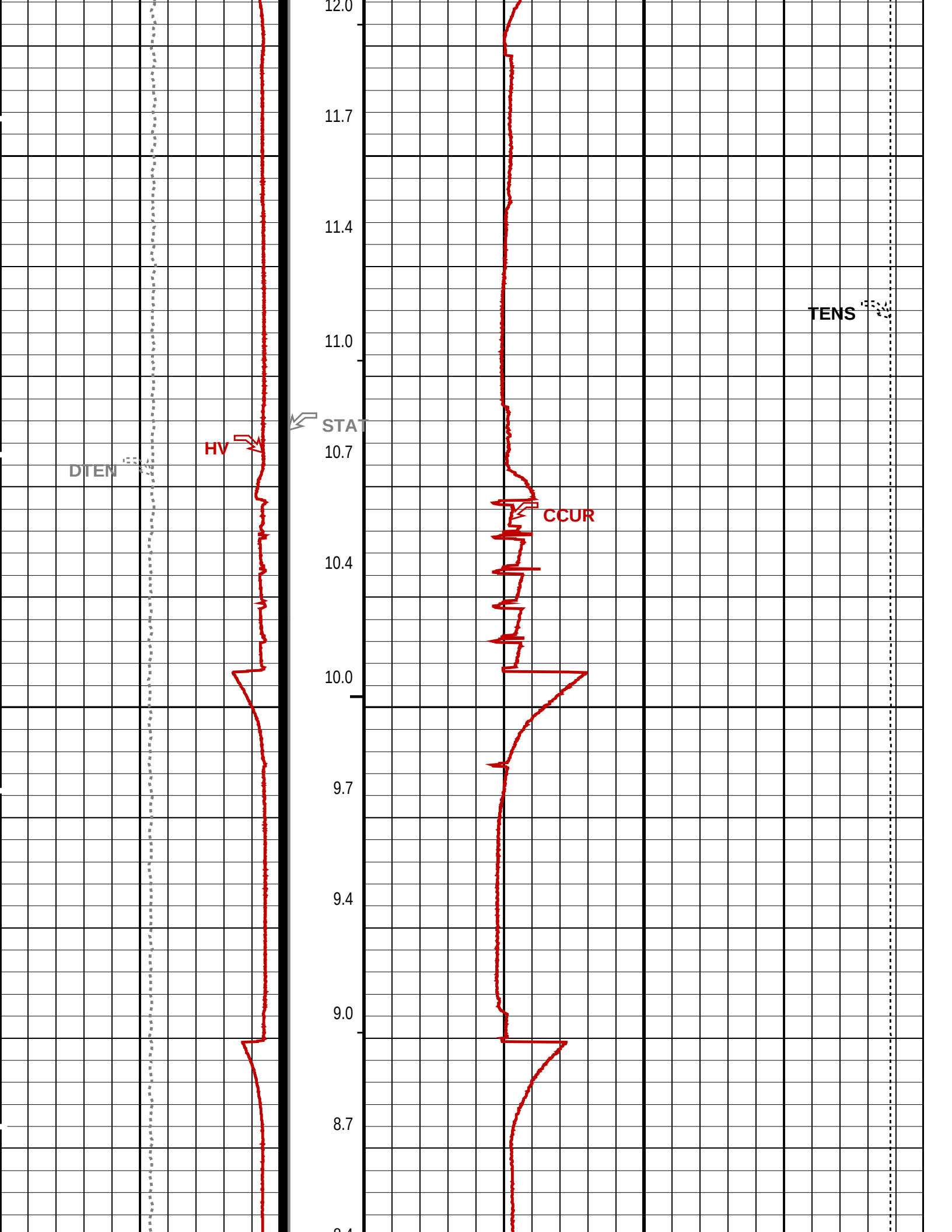


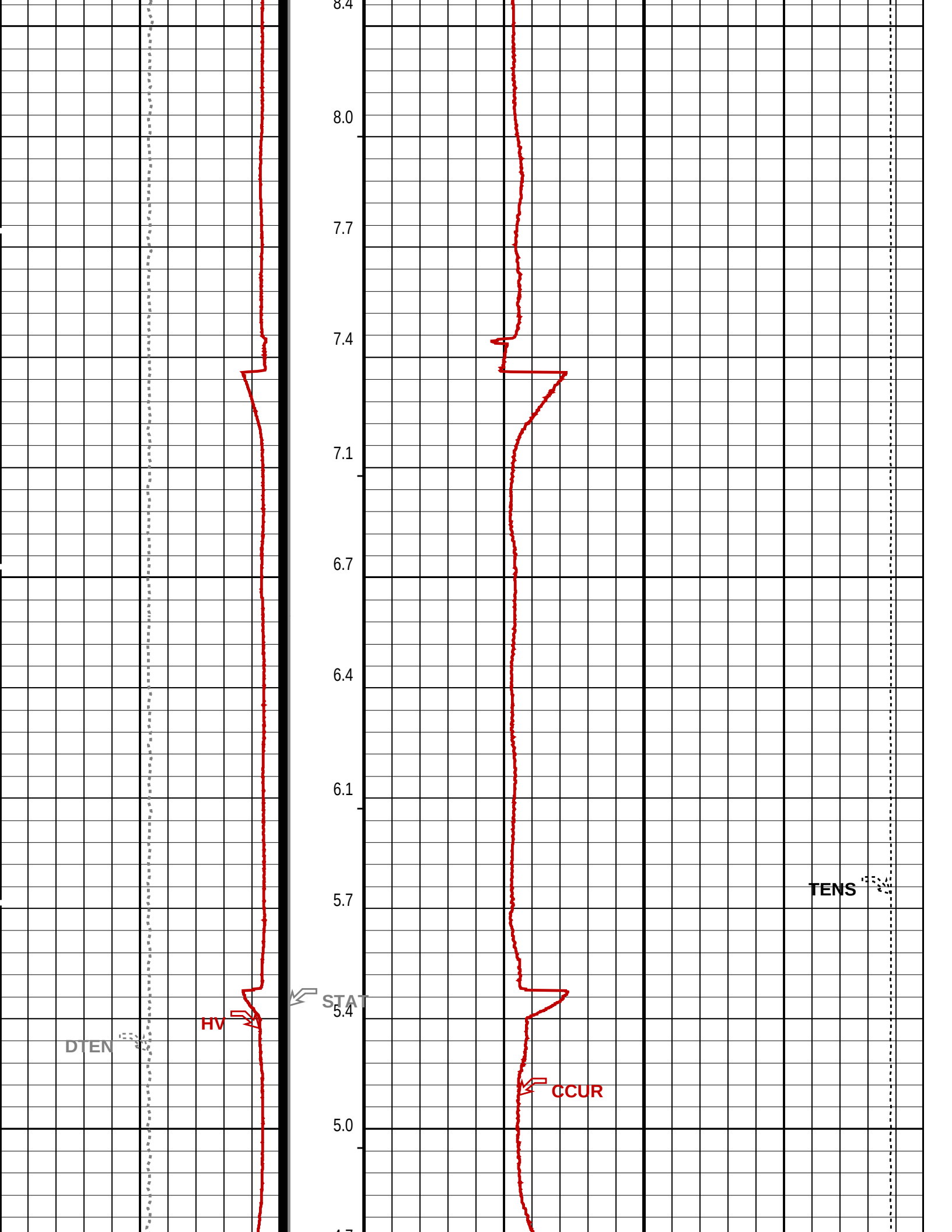

DTEN
HV
CCUR
26.7
26.4
26.0
25.7
25.4
25.0
24.7
24.4
24.0
23.7
23.4

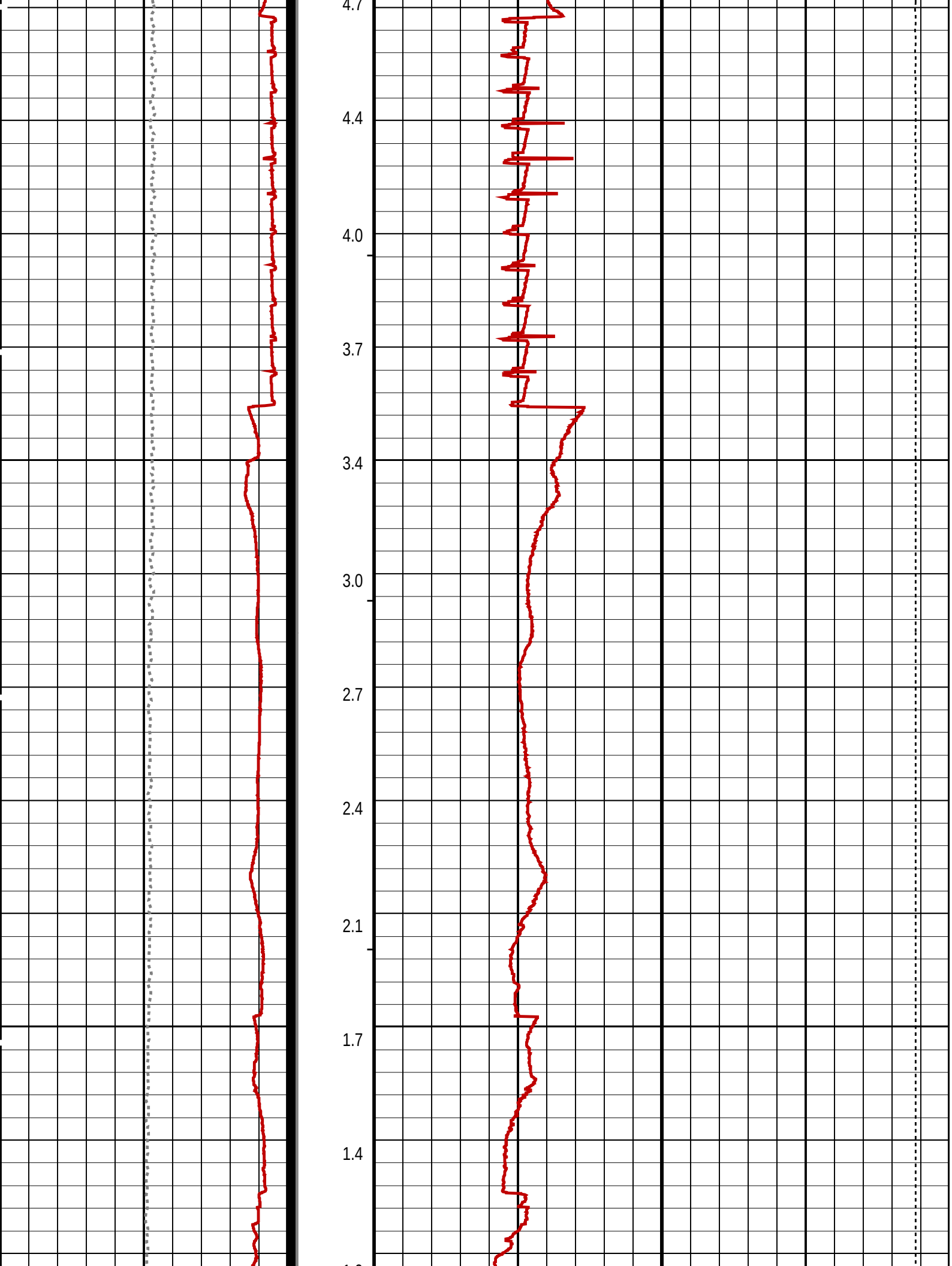

23.0
22.7
22.4
22.0
21.7
21.4
21.0
20.7
20.4
20.0
19.7
STAT
HV
DTEN
CCUR
TENS

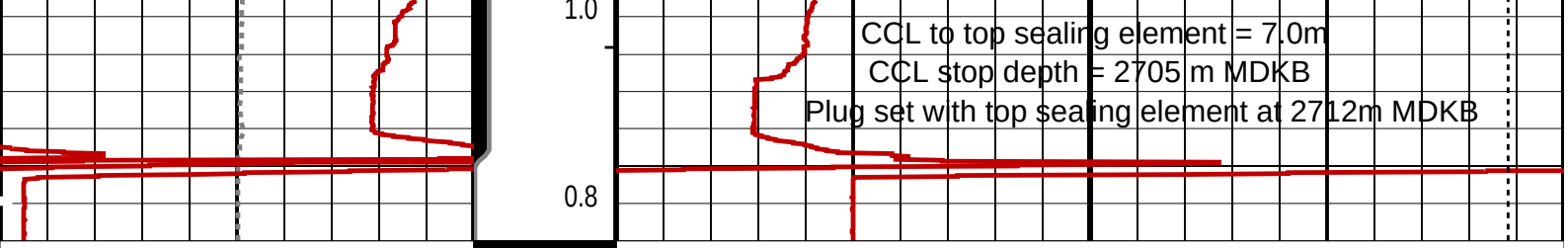

19.4
19.0
18.7
18.4
18.0
17.7
17.4
17.0
16.7
16.4
16.0
STAT
HV
DTEN
CCUR
TENS


15.7
15.4
15.0
14.7
14.4
14.0
13.7
13.4
13.0
12.7
12.4


12.0
11.7
11.4
11.0
10.7
10.4
10.0
9.7
9.4
9.0
8.7
STAT
HV
DTEN
CCUR
TENS


8.4
8.0
7.7
7.4
7.1
6.7
6.4
6.1
5.7
5.4
5.0
TENS
STAT
HV
DTEN
CCUR


4.7
4.4
4.0
3.7
3.4
3.0
2.7
2.4
2.1
1.7
1.4



Differential Tension (DTEN)
−200 (LBF) 200

ON/Int From D3T to STAT

MPBM Cable Current (CCUR)
300 (MA) 700

MPSU Head Voltage (HV)
200 (V) 300

MPSU Run Status (STAT)
0 (−−−−10

Tension (TENS)
10000 (LBF) 0

RUN Time (RTIM) (MN)

PIP SUMMARY

MPSU Run Time Every 1 MN
MPSU Run Time Every 10 MN

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value
	MPSU−CA: MECHANICAL PLUGBACK SETTING UNIT	
IPUMP	Intensifier Pump	TRUE

Format: MPBT Vertical Scale: 1:200 Graphics File Created: 18−Feb−2006 11:58

OP System Version: 13C0−300

MCM

MPEX−DA	13C0−300	MPSU−CA	13C0−300
CCL−L	13C0−300		

Output DLIS Files

DEFAULT	CCL_034LUP	FN:30	PRODUCER	18−Feb−2006 11:58

Schlumberger

7 " MPBT Plug Setting Pass

MAXIS Field Log

Company: ExxonMobil Well: FLA A−2a

Input DLIS Files

DEFAULT	Flip_CCL_045LUP	PRODUCER	18−Feb−2006 16:15	2704.9 M	2629.7 M

Output DLIS Files

DEFAULT	CCL_046PUP	FN:41	PRODUCER	18−Feb−2006 16:15	2704.9 M	2630.1 M

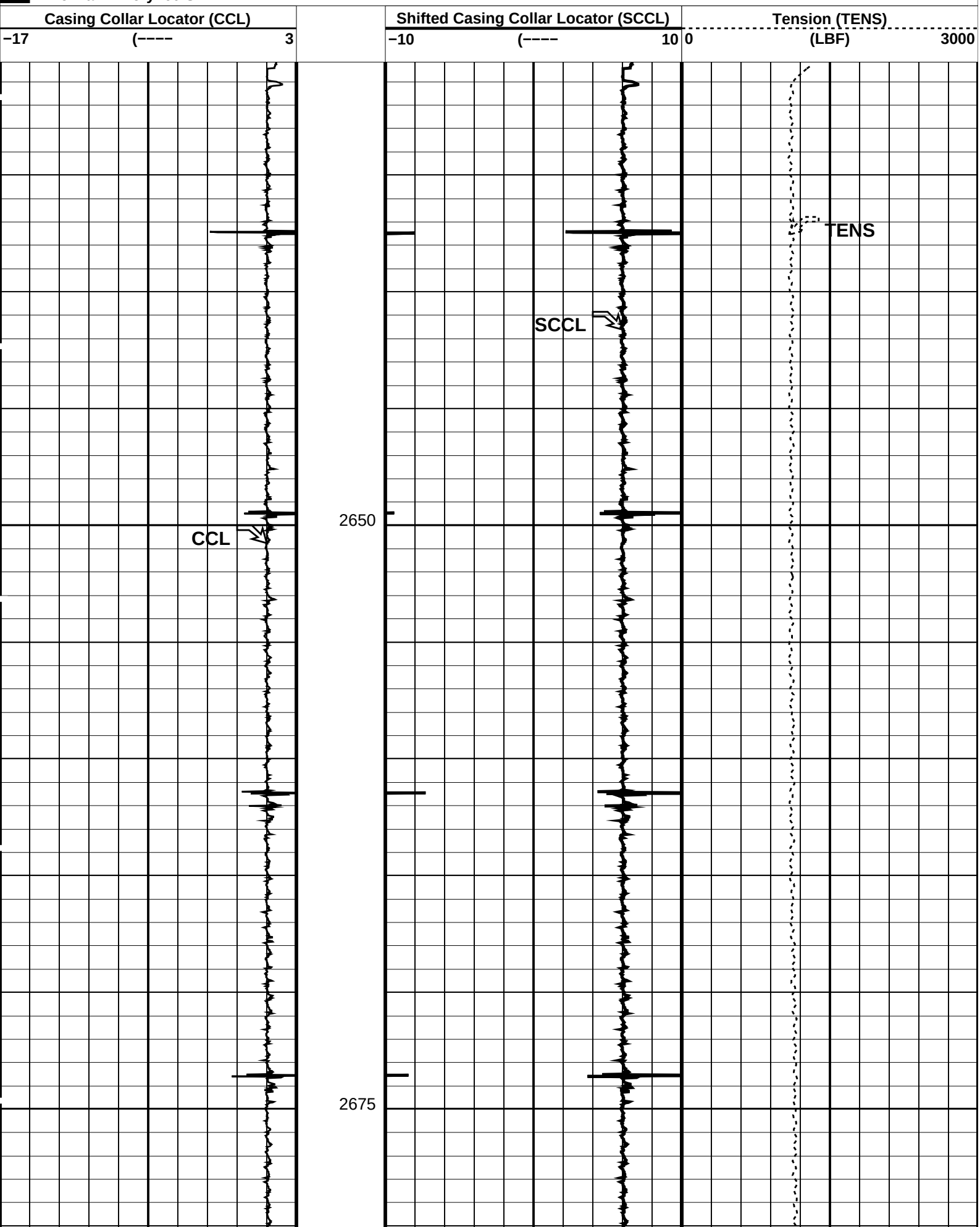
OP System Version: 13C0−300

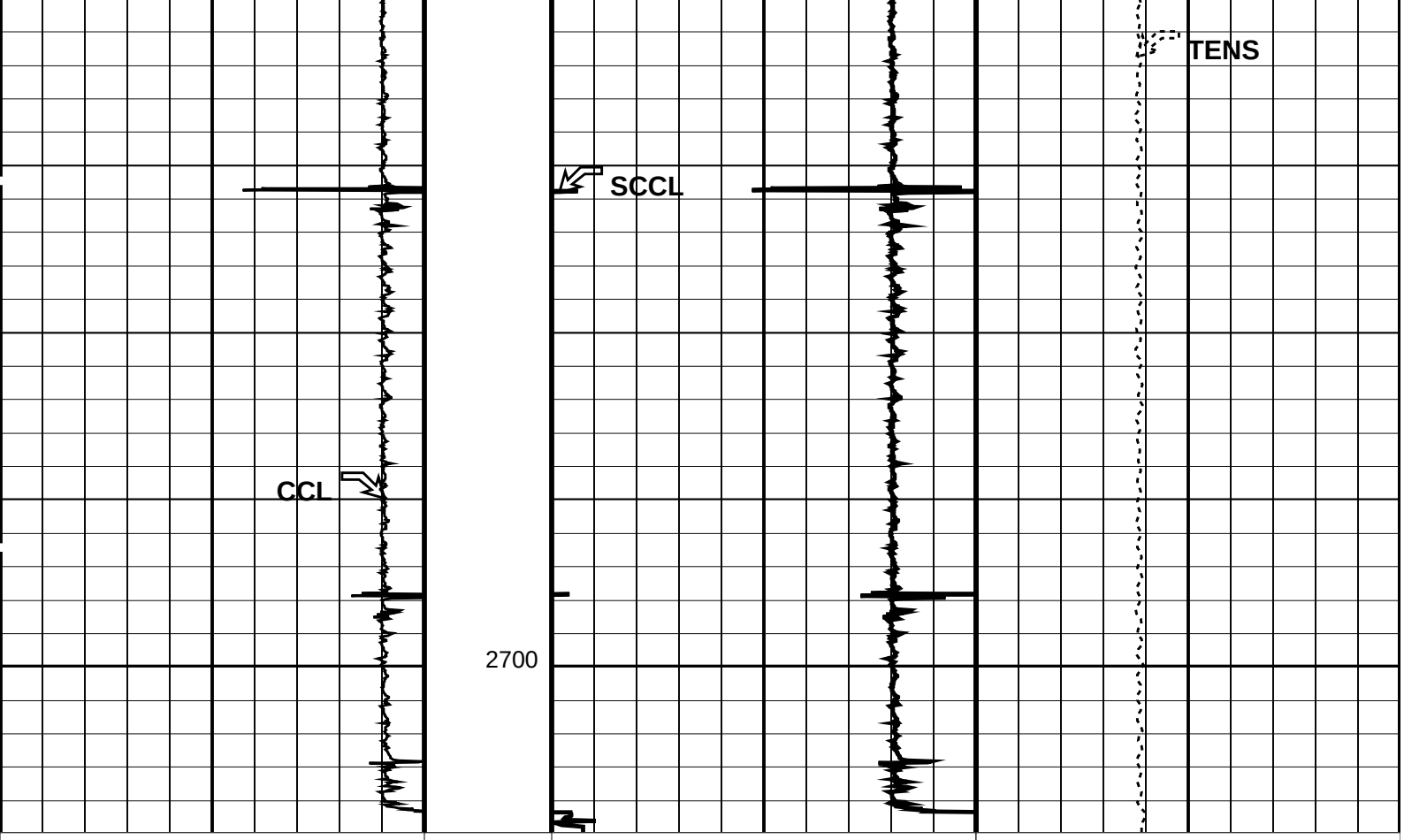
MCM

MPEX−DA	13C0−300	MPSU−CA	13C0−300
CCL−L	13C0−300		

PIP SUMMARY

Time Mark Every 60 S





PIP SUMMARY

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
	System and Miscellaneous		
DO	Depth Offset for Playback	0.0	M
PP	Playback Processing	NORMAL	

Format: PERFO Vertical Scale: 1:200 Graphics File Created: 18−Feb−2006 16:15

OP System Version: 13C0−300

MCM

MPEX−DA	13C0−300	MPSU−CA	13C0−300
CCL−L	13C0−300		

Input DLIS Files

DEFAULT	Flip_CCL_045LUP	PRODUCER	18−Feb−2006 16:15	2704.9 M	2629.7 M

Output DLIS Files

DEFAULT	CCL_046PUP	FN:41	PRODUCER	18−Feb−2006 16:15

Schlumberger

7 " MPBT Plug
Dummy Run

Input DLIS Files

DEFAULT	PSP_025LUP	FN:21	PRODUCER	18−Feb−2006 08:28	2722.8 M	2599.6 M

Output DLIS Files

DEFAULT	PSP_029PUP	FN:25	PRODUCER	18−Feb−2006 08:56	2722.9 M	2600.2 M

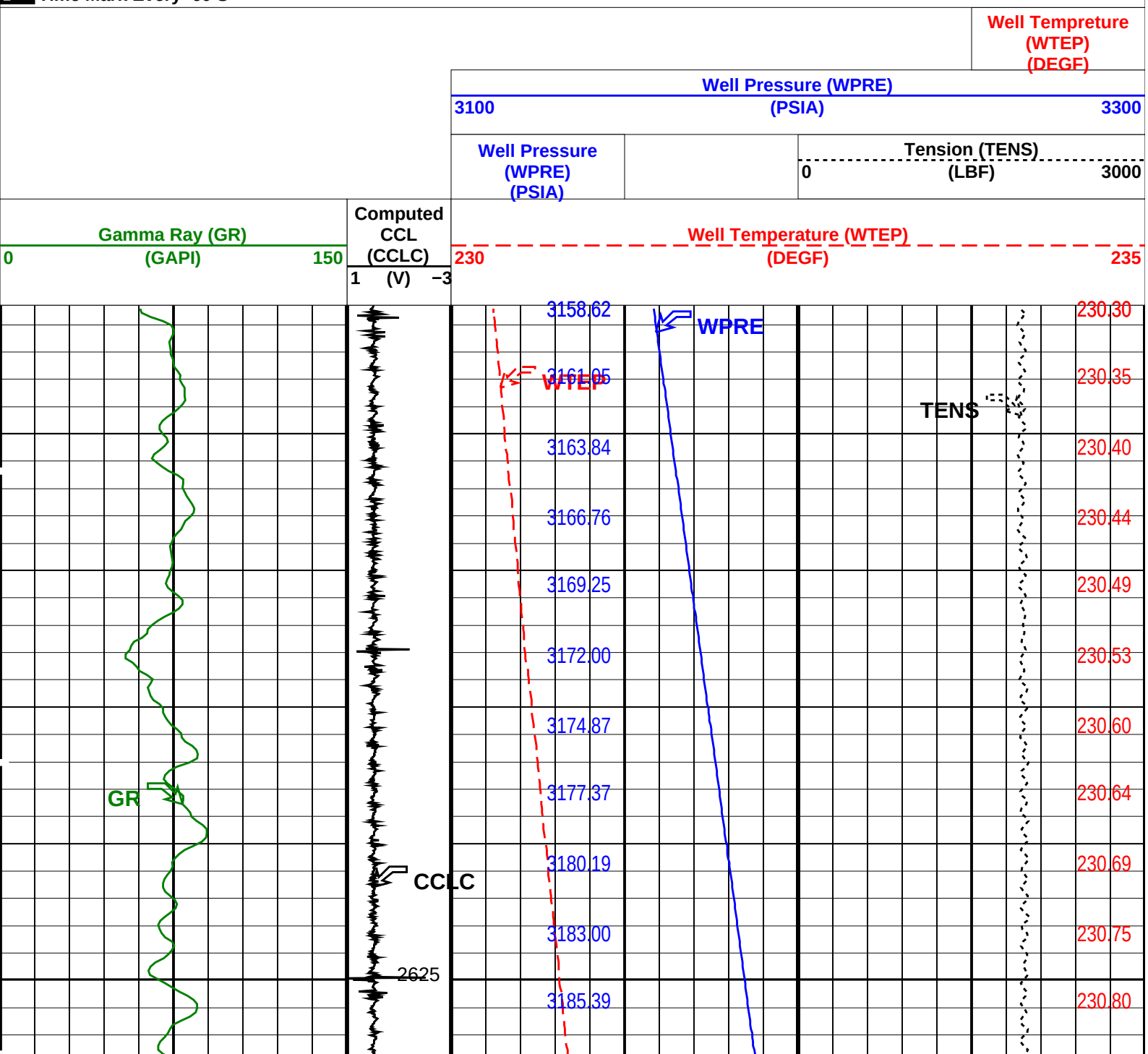
OP System Version: 13C0−300

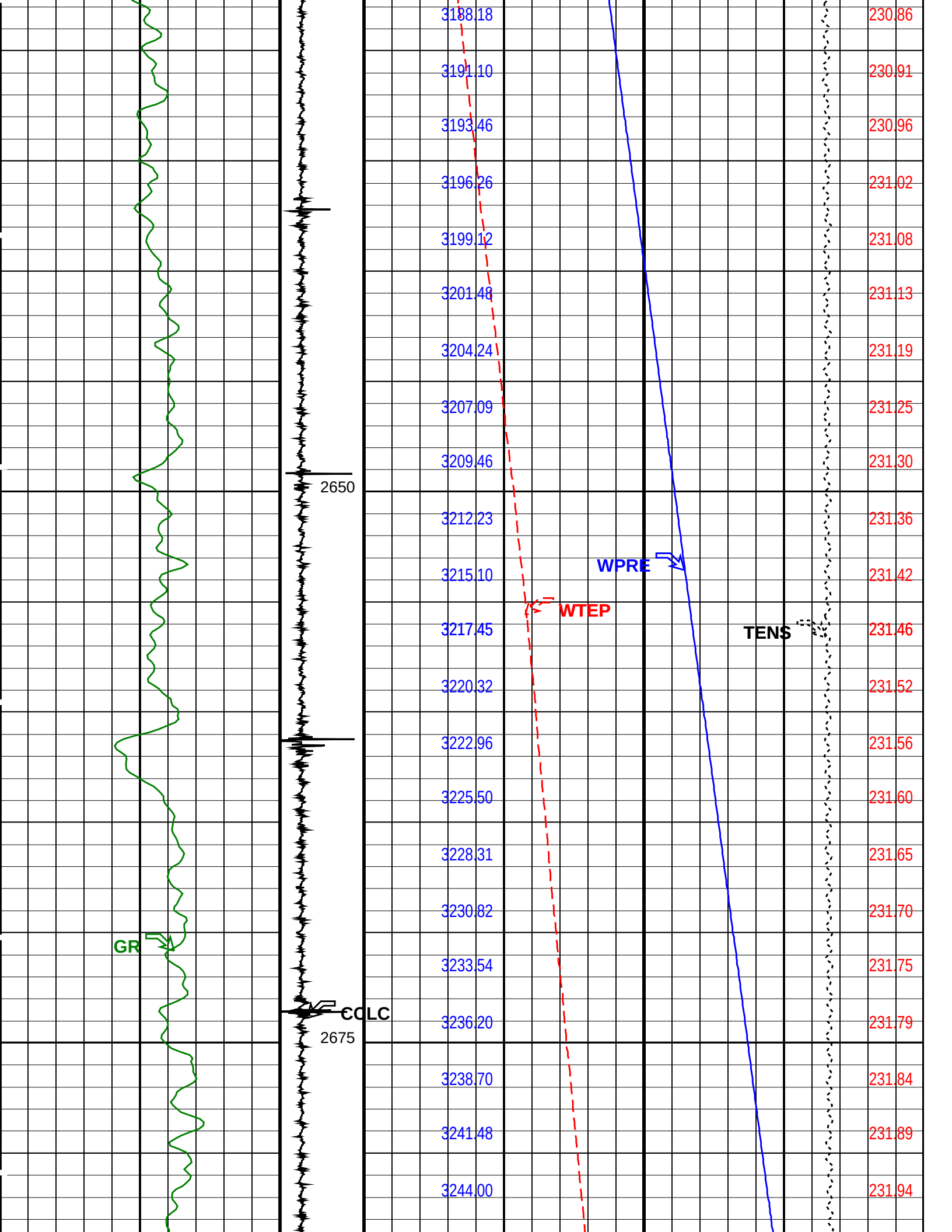
MCM

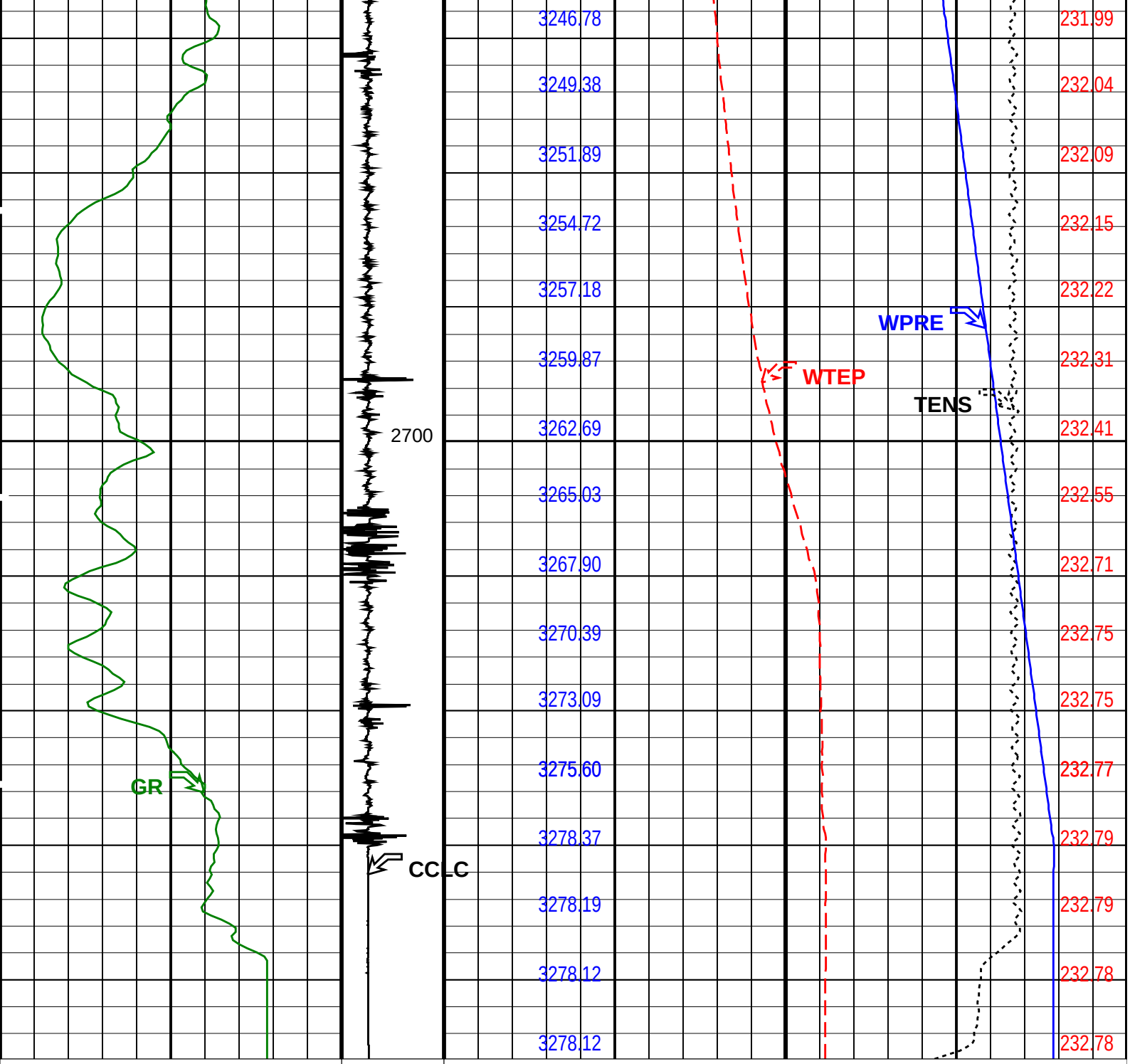
PSPT−A/B 13C0−300

PIP SUMMARY

Time Mark Every 60 S




3188.18
3191.10
3193.46
3196.26
3199.12
3201.48
3204.24
3207.09
3209.46
3212.23
3215.10
3217.45
3220.32
3222.96
3225.50
3228.31
3230.82
3233.54
3236.20
3238.70
3241.48
3244.00
230.86
230.91
230.96
231.02
231.08
231.13
231.19
231.25
231.30
231.36
231.42
231.46
231.52
231.56
231.60
231.65
231.70
231.75
231.79
231.84
231.89
231.94
2650
2675
WPRE
WTEP
TENS
GR
CCLC



Gamma Ray (GR)	Computed CCL (CCLC)	Well Temperature (WTEP)
0 (GAPI) 150	1 (V) −3	230 (DEGF) 235

Well Pressure (WPRE) (PSIA)	Tension (TENS)
	0 (LBF) 3000

Well Pressure (WPRE)
3100 (PSIA) 3300

Well Tempreture (WTEP) (DEGF)

PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 18−Feb−2006 08:56

OP System Version: 13C0−300

MCM

Parameters

DLIS Name	Description	Value
	System and Miscellaneous	
DO	Depth Offset for Playback	0.1 M
PP	Playback Processing	NORMAL

Input DLIS Files

DEFAULT	PSP_025LUP	FN:21	PRODUCER	18−Feb−2006 08:28	2722.8 M	2599.6 M

Output DLIS Files

DEFAULT	PSP_029PUP	FN:25	PRODUCER	18−Feb−2006 08:56

Schlumberger

PBMS Coefficient Reports

MAXIS Field Log

Client:	ExxonMobil	Tool:	PSP
Field:	Flounder	Sub Type:	PBMS
Well:	FLA A−2a	Sensor:	CQG
Run date:	11−Feb−2006		

PBMS Quartz Gauge type F

Sonde Serial NB	COEFFICIENTS FOR CQG PBMS−B.827 S/N:
Sensor Serial NB	827
Calib Date ddmmyy	081102
Matrix Size	66
Coeff CRC	C46C

Pres Coeff

	Fb**0	Fb**1	Fb**2
Fc**0	+.680111397678E+04	+.120782849813E−01	−.190777031362E−06
Fc**1	−.102658491254E+01	−.122997408660E−04	−.947821859003E−10
Fc**2	+.102857781380E−05	+.451140459628E−10	+.108645338870E−14
Fc**3	+.229474703087E−11	+.267043935603E−15	0.0
Fc**4	0.0	0.0	0.0
Fc**5	0.0	0.0	0.0

	Fb**3	Fb**4	Fb**5
Fc**0	−.728373610617E−10	−.117027996504E−14	−.427650821315E−19
Fc**1	−.574592682574E−15	+.626410561221E−19	0.0

Fc**2	0.0	0.0	0.0
Fc**3	0.0	0.0	0.0
Fc**4	0.0	0.0	0.0
Fc**5	0.0	0.0	0.0

PBMS Quartz Gauge type F

Sonde Serial NB	:
Sensor Serial NB	827
Calib Date ddmmyy	081102
Matrix Size	66
Coeff CRC	D778

Temp Coeff

	Fc**0	Fc**1	Fc**2
Fb**0	+.117320330296E+03	−.327291380978E−03	+.800273425884E−08
Fb**1	−.596633620850E−02	+.180306224649E−07	+.174544544846E−12
Fb**2	−.317763414682E−07	+.316358144271E−12	+.665615503387E−18
Fb**3	−.325475568911E−12	+.117312053016E−16	0.0
Fb**4	0.0	0.0	0.0
Fb**5	0.0	0.0	0.0

	Fc**3	Fc**4	Fc**5
Fb**0	+.145389553894E−12	−.240593703427E−16	−.210532380041E−20
Fb**1	−.670929322772E−17	−.768634336894E−21	0.0
Fb**2	0.0	0.0	0.0
Fb**3	0.0	0.0	0.0
Fb**4	0.0	0.0	0.0
Fb**5	0.0	0.0	0.0

PBMS Quartz Gauge type F

Sonde Serial NB	:
Sensor Serial NB	827
Calib Date ddmmyy	081102
Matrix Size	16
Coeff CRC	3A10

Clock Freq Coeff

	(Fb'−Fc')**0	(Fb'−Fc')**1	(Fb'−Fc')**2
(Fb'−Fc')**0	+.310717873229E+05	+.283304156557E−02	+.751184977200E−06

	(Fb'−Fc')**3	(Fb'−Fc')**4	(Fb'−Fc')**5

(Fb'−Fc')**0	−.644205958216E−10	−.659839772199E−15	+.116231809906E−19

PBMS Quartz Gauge type F

Sonde Serial NB	:
Sensor Serial NB	827
Calib Date ddmmyy	081102
Matrix Size	16
Coeff CRC	0720

Clock Temp Coeff

	(Fb'−Fc')**0	(Fb'−Fc')**1	(Fb'−Fc')**2
(Fb'−Fc')**0	+.116746443531E+03	−.564375768344E−02	−.272714359911E−07

	(Fb'−Fc')**3	(Fb'−Fc')**4	(Fb'−Fc')**5
(Fb'−Fc')**0	+.321430130517E−12	−.982051921677E−16	+.471244814554E−20

Client:	ExxonMobil	Tool:	PSP
Field:	Flounder	Sub Type:	PBMS
Well:	FLA A−2a	Sensor:	WellTemp RTD
Run date:	11−Feb−2006		

PBMS RTD Well Thermometer

Sonde Serial NB	COEFFICIENTS FOR RTD THERMOMETER PBMS−B.827 S/N:
Sensor Serial NB	827
Calib Date ddmmyy	081102
Matrix Size	16
Coeff CRC	FDC1

WTemp Coeff

	Tt**0	Tt**1	Tt**2
Tt**0	−.107529771062E+01	−.231562951301E+03	+.125219430906E+03

	Tt**3	Tt**4	Tt**5
Tt**0	−.203814029058E+02	+.126658591475E+01	0.0

Client:	**ExxonMobil**	**Tool:**	**PSP**
Field:	**Flounder**	**Sub Type:**	**PBMS**
Well:	**FLA A−2a**	**Sensor:**	**GR**
Run date:	**11−Feb−2006**		

PBMS Gamma Ray

Sonde Serial NB	**RESISTORS FOR GR SENSOR N.33143,TOOL PBMS−BA0827. SENSOR S/N:**
Sensor Serial NB	**33143**
Calib Date ddmmyy	**170399**
Matrix Size	**12**
Coeff CRC	**7B0B**

GR HV Rt

	Rt0**	**Rt**1**
Rt0**	**+.147000000000e+04**	**+.332000000000e+04**

Company:	**ExxonMobil**
Well:	**FLA A−2a**
Field:	**Flounder**
Rig:	**Prod 4**
Country:	**Australia**

Schlumberger

2 1/8" Enerjet Gun MWPT
Perforation Record
7 " MPBT Plug Setting Record