Schlumberger

Company: **Esso Australia Pty Ltd.**

Well: **A−3a**
Field: **Flounder**
Rig: **Crane** Country: **Australia**

Rig: Crane
Field: Flounder
Location: Gippsland
Well: A−3a
Company: Esso Australia Pty Ltd.

2" HSD Powerjet Omega / MPBT
Perforation & Plug Setting Record
5−July−2008

LOCATION

Gippsland	Elev.:	K.B.	50.52 m
Basin		G.L.	−94 m
Bass Strait		D.F.	50.52 m

Permanent Datum:	M.S.L	Elev.:	0 m
Log Measured From:	K.B	50.5 m	above Perm. Datum
Drilling Measured From:	K.B		

State:	Max. Well Deviation	Longitude	Latitude
Victoria	67 deg	148* 26' 21.829" E	38* 18' 39.104" S

Logging Date		7−Jul−2008			
Run Number		1 to 5			
Depth Driller		5267 m			
Schlumberger Depth		5178.4 m			
Bottom Log Interval		5141.5 m			
Top Log Interval		5139 m			
Casing Fluid Type		Production Fluids			
Salinity					
Density		1 g/cm3			
Fluid Level		2816 m			
BIT/CASING/TUBING STRING					
Bit Size		8.500 in			
From		840 m			
To		5267 m			
Casing/Tubing Size		7.000 in			
Weight		26 lbm/ft			
Grade		L−80			
From		28.75 m			
To		5267 m			
Maximum Recorded Temperatures		228 degF			
Logger On Bottom	Time	7−Jul−2008	19:15		
Unit Number	Location	3827	AUSL / Prod 2		
Recorded By		A Sword / R Sani			
Witnessed By		Mr B Robinson / Mr J Dean			

PVT DATA	Oil Density		
	Water Salinity		
	Gas Gravity		
	Bo		
	Bw		
	1/Bg		
	Bubble Point Pressure		
	Bubble Point Temperature		
	Solution GOR		
	Maximum Deviation		67 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: 8−JUL−2008 0:59:09

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW−H	Type:	CMTD−B/A	Type:	2−32 ZT
Serial Number:	794	Serial Number:	1711	Serial Number:	24187
Calibration Date:	8−Nov−2007	Calibration Date:	8−Jun−2008	Length:	5900 M
Calibrator Serial Number:	1009	Calibrator Serial Number:	1173	Conveyance Method:	Wireline
Calibration Cable Type:	2−32ZT	Calibration Gain:	1.01	Rig Type:	Offshore_Fixed
Wheel Correction 1:	−6	Calibration Offset:	272.27		
Wheel Correction 2:	−2				

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	ExxonMobil Petrophysical Analysis
Reference Log Date:	8−Jun−2005

Depth Control Remarks

1. Log correlated to ExxonMobil Solar Composite Log.
2. IDW used as primary depth control.
3. Z−Chart used as back−up.

DISCLAIMER
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OTHER SERVICES1
OS1: MWP
OS2: GR−CH
OS3: DB−TT

Log correlated to ExxonMobil Solar Composite Log dated 8−Jun−2005.
Maximum deviation of 67 deg at 4761m MDKB.
Objectives: Set a 7" MPBT for 26.0ppf casing with the top of sealing element at approximately 5172m MDKB and dump 1.0m of cement on top. Also, to perforate the interval 5139.0m to 5141.5m MDKB using 2" HSD guns with Powerjet charges.

RUN #1: RIH dummy 2−1/8" MPBT Plug. Tagged HUD @ 5178.4m MDKB.
RUN #2: RIH MPBT and set top of sealing element @ 5172m MDKB.

RUN #2: RIH MPBT and set top of sealing element @ 5172m MDKB.
RUN #3: RIH 2−1/8" Water Dump Bailer. Tagged MPBT @ 5172m MDKB.
RUN #4: RIH 2−1/8" Cement Dump Bailer and dumped 1.0m of cement on top of MPBT.
RUN #5: Perforate 5139.0m to 5141.5m MDKB with 2" HSD perforating guns with PowerJet Omega charges.

Schlumberger Specialist / Engineer: A Sword / R Sani
Schlumberger Crews: B Glover / M Hancock / S Kiss / A Pratt

SERVICE ORDER #:	AUSL 08589253
PROGRAM VERSION:	15C0−309
FLUID LEVEL:	2816 m

EQUIPMENT DESCRIPTION

SURFACE EQUIPMENT

MPBM−BA 81

DOWNHOLE EQUIPMENT

MH−22 MH−22		13.10
EQF−46 EQF−46 212		12.62
EQF−46 EQF−46 3006		10.79
PCCL−LA 7202	CCL Tachomete Cable Cur Head Volt Tension TOOL ZERO	8.96
MPSU−BA MPSU−BA 1102		8.50

SURFACE EQUIPMENT

MWPM−AA 37

DOWNHOLE EQUIPMENT

MH−22 MH−22		12.68
EQF−46 EQF−46 212		12.12
EQF−46 EQF−46 3006		10.29
AH−124 9901		8.46
MWGT−CGRS MWPG−CGRS 796 MWGH−CGRS 796	MWPG GR 2.77	8.24
MWPT−CA MWPH−AA 90 MWPS−BA 121	CCL SMWP Pres SMWP Temp Tension TOOL ZERO	7.26

MPEX−BA H405501 2.26

TOOL BOTTOM

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

AH−122 28523 4.44

AH−WPSA−BA 4001 4.30

AH−ESIC−CB 12041990 3.30

GUN−2" HSD Powerjet Omega Gun 3.00

TOOL BOTTOM

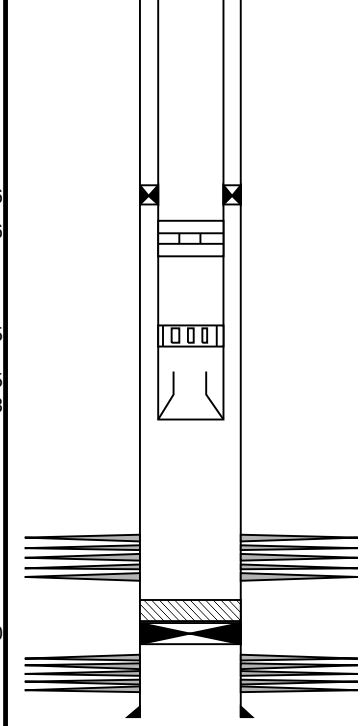
MAXIMUM STRING DIAMETER 2.13 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

Production String	(in) OD	(in) ID	(m) MD
Tubing Hanger	4.500		28.3
Tubing	4.500		28.3
SSSV	4.500		449.7
Side Pocket Mandrel	4.500		1046.0
Side Pocket Mandrel	4.500		2197.9
Side Pocket Mandrel	4.500		2591.3
Landing Nipple	4.500		2607.2

Well Schematic

(m) MD	(in) OD	(in) ID	Casing String
28.8	20.000		Casing String
28.8	9.625		Casing String
28.8	7.000		Casing String
840.0	9.625		Casing Shoe

Packer	7.000	4.500	4645.6			
Landing Nipple	4.500		4661.6			
No Go Nipple	4.500		4953.5			
Wireline Re−Entry Guide	4.500		4967.5			
Tubing Bottom	4.500		4967.8			
				5175.0		Existing Perforation Zone
				5178.0		
				5179.0		Plug
Bridge Plug	7.000		5180.0			
				5181.8		Existing Perforation Zone
				5189.0		
				5267.0	7.000	Casing Shoe



Schlumberger

Job Event Summary

MAXIS Field Log

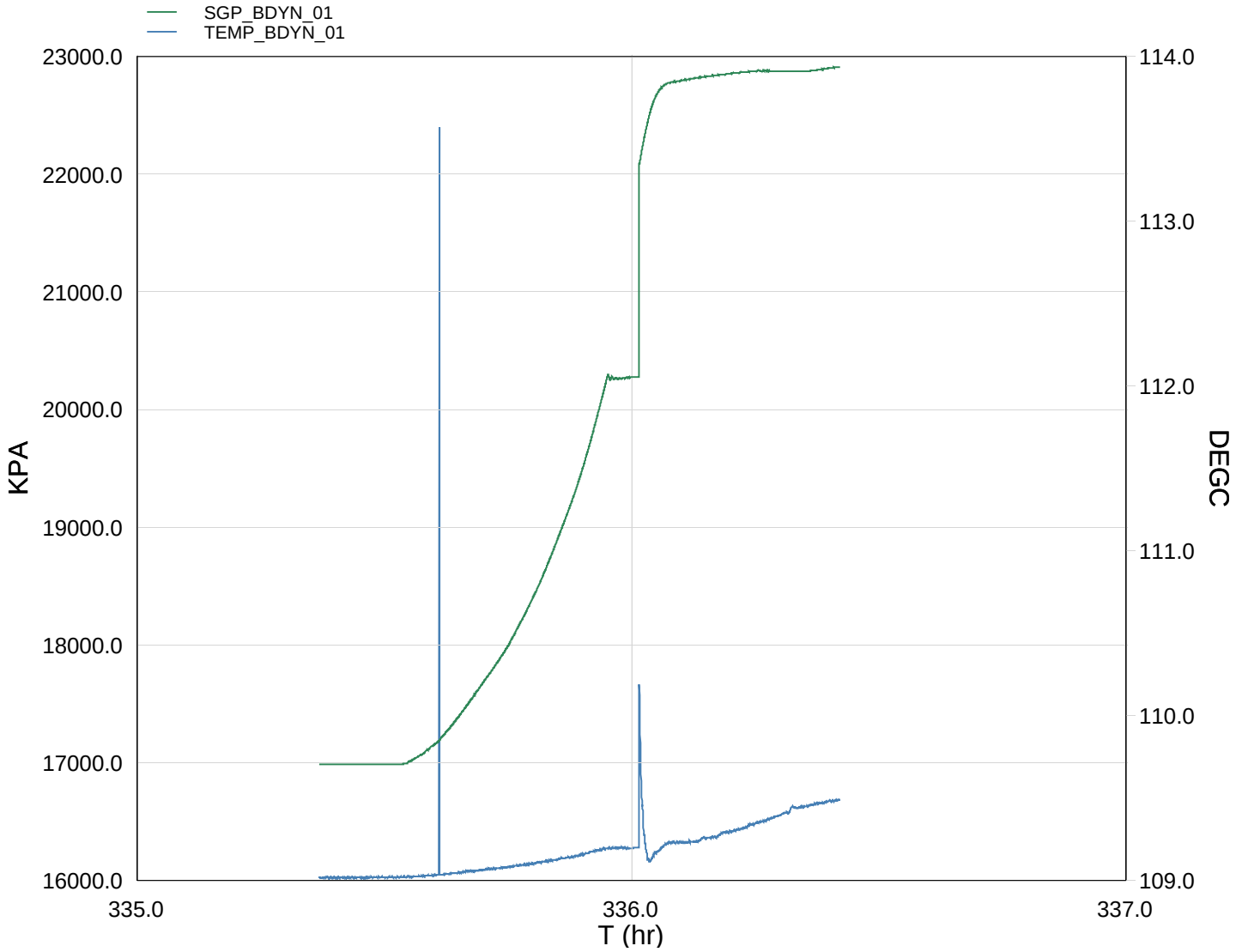
Schlumberger Job Event Summary

	Time	Elapsed Time	Depth (M)	File
Log Pass (up)	5−Jul−2008 19:12	000:29	5199.9 − 4947.5	PSP_025LUP
Log Pass (up)	6−Jul−2008 2:11	000:23	5153.4 − 4951.3	MPBT_042LUP
Simulated Log	6−Jul−2008 2:42	000:30		MPBT_043LUP
Log Pass (up)	6−Jul−2008 3:21	000:11	5164.8 − 5076.3	MPBT_044LUP
Log Pass (up)	6−Jul−2008 9:10	000:10	5162.1 − 5089.2	PERFO_050LUP
Log Pass (up)	6−Jul−2008 13:15	000:09	5152.3 − 5084.4	PERFO_057LUP
Log Pass (up)	6−Jul−2008 22:57	000:11	5164.1 − 5050.8	PERFO_073LUP
Log Pass (up)	6−Jul−2008 23:17	002:01	5163.9 − 5050.2	PERFO_075LUP
Station Log	6−Jul−2008 23:21	001:04	5136.0 − 9.6	PERFO_076LTP

Schlumberger

2" HSD Gun
Station Log

MAXIS Field Log



TIME	PSIA	DEG F
2700.0	2463.8607	228.2293
2750.0	2463.9150	228.2350
2800.0	2463.8671	228.2329
2850.0	2463.8732	228.2309
2900.0	2463.8789	228.2319
2950.0	2463.8607	228.2299
3000.0	2463.8066	228.2360
3050.0	2463.9817	228.2303
3100.0	2463.8426	228.2350
3150.0	2463.8607	228.2365

3150.0	2463.8607	228.2365
3200.0	2463.9150	228.2293
3250.0	2463.8127	228.2355
3300.0	2464.5423	228.2365
3350.0	2468.3546	228.2396
3400.0	2472.9675	228.2433
3450.0	2478.6410	228.2540
3500.0	2485.9073	228.2561
3550.0	2491.8984	228.2632
3600.0	2502.0663	228.2663
3650.0	2512.1434	228.2751
3700.0	2522.8823	228.2879
3750.0	2534.6920	228.2987
3800.0	2546.2419	228.3064
3850.0	2558.2186	228.3136
3900.0	2570.3091	228.3177
3950.0	2582.0208	228.3311
4000.0	2594.5019	228.3383
4050.0	2607.5599	228.3470
4100.0	2622.7053	228.3537
4150.0	2638.9615	228.3645
4200.0	2655.3674	228.3769
4250.0	2672.6939	228.3887
4300.0	2691.0852	228.3980
4350.0	2711.7687	228.4134
4400.0	2732.5244	228.4216
4450.0	2754.6700	228.4407
4500.0	2777.1586	228.4515
4550.0	2800.9225	228.4658
4600.0	2827.4941	228.4823
4650.0	2856.4633	228.5060
4700.0	2887.4912	228.5302
4750.0	2920.1247	228.5399
4800.0	2936.8618	228.5492
4850.0	2939.4947	228.5538
4900.0	2939.8802	228.5621
4950.0	2940.6359	228.5527
5000.0	2941.3579	228.5621
5050.0	3235.0896	228.6944
5100.0	3271.0540	228.4190
5150.0	3291.4121	228.5189
5200.0	3301.0053	228.5889
5250.0	3304.3729	228.6121
5300.0	3305.4244	228.6187
5350.0	3307.3419	228.6213
5400.0	3308.4103	228.6244
5450.0	3309.9037	228.6378
5500.0	3310.8711	228.6641
5550.0	3311.9553	228.6651
5600.0	3313.0842	228.6919
5650.0	3314.0891	228.7269
5700.0	3315.2273	228.7403
5750.0	3316.1450	228.7666
5800.0	3317.1514	228.7872
5850.0	3317.7241	228.8151
5900.0	3318.1356	228.8463
5950.0	3318.0112	228.8695
6000.0	3317.7468	228.8880
6050.0	3317.3931	228.9189
6100.0	3317.3495	228.9441
6150.0	3317.3864	228.9966
6200.0	3317.3864	229.0074

6200.0	3317.3864	229.0074
6250.0	3317.8277	229.0167
6300.0	3318.8706	229.0404
6350.0	3320.0474	229.0502
6400.0	3321.4828	229.0646
6450.0	3322.5793	229.0734

Schlumberger

2" HSD Gun
Shooting Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A−3a**

Output DLIS Files

DEFAULT **PERFO_075LUP** **FN:74** **PRODUCER** **06−Jul−2008 23:17**

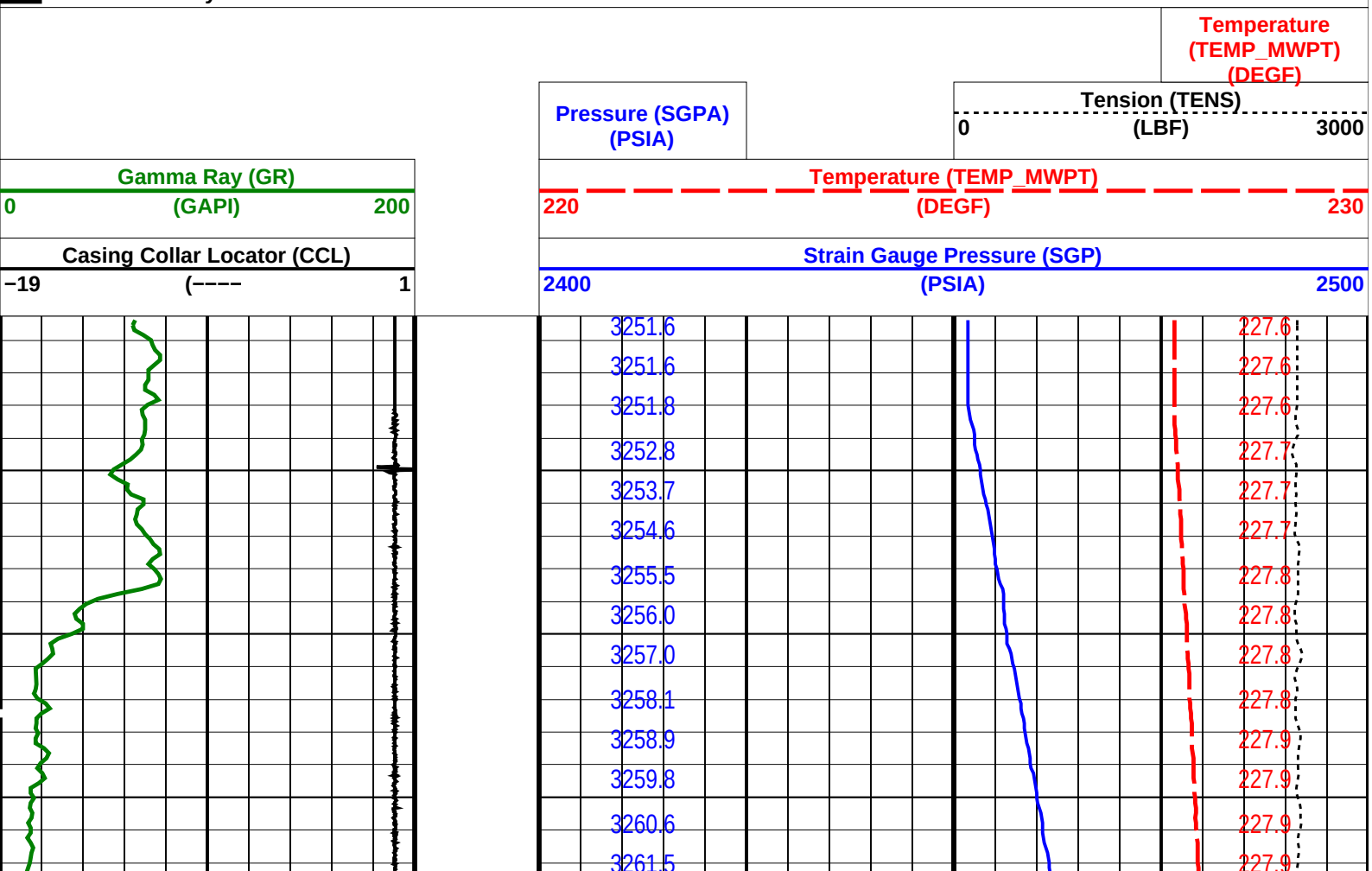
OP System Version: 15C0−309

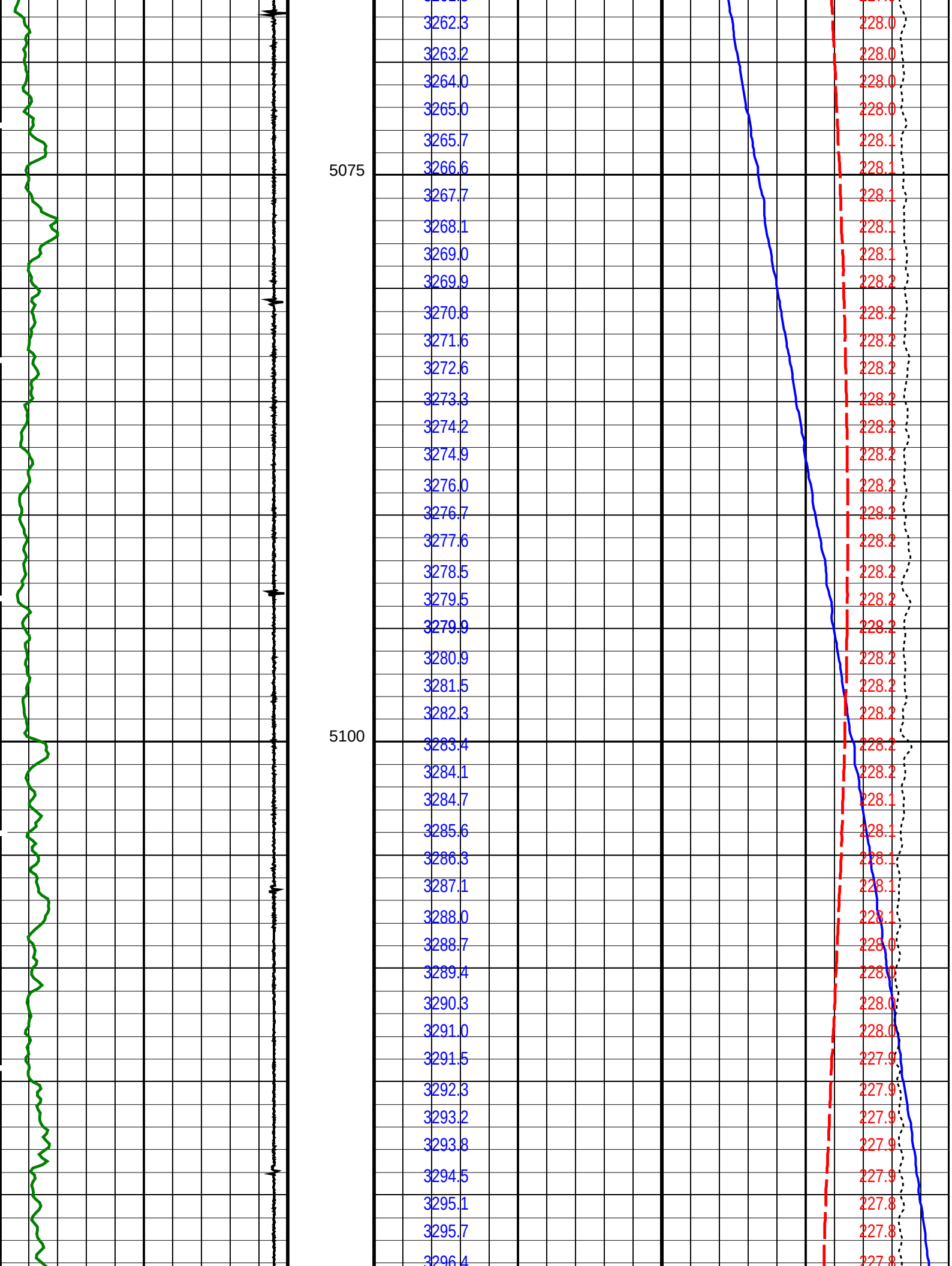
MCM

MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

PIP SUMMARY

Time Mark Every 60 S

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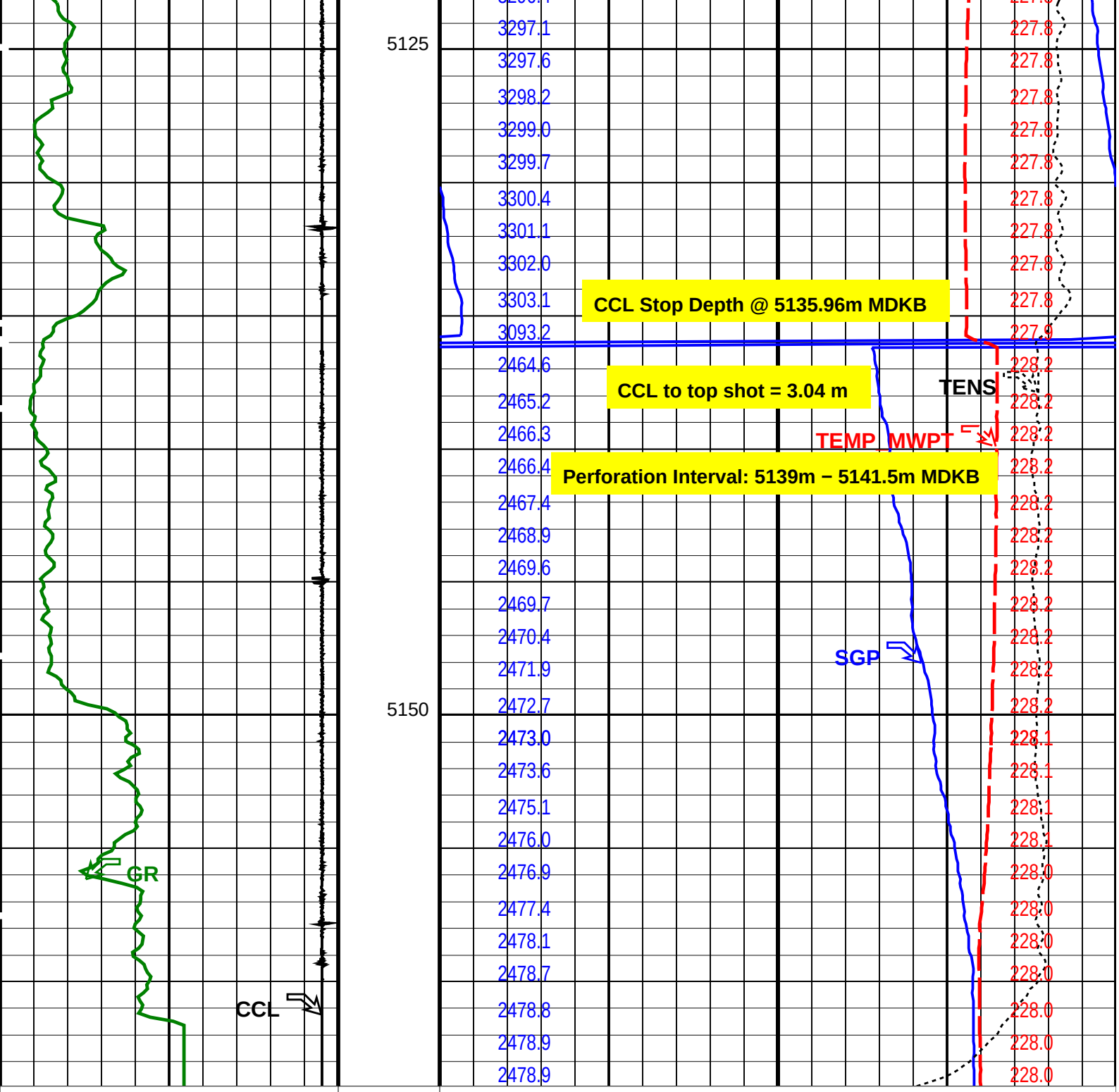


PIP SUMMARY

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: 06−Jul−2008 23:17

OP System Version: 15C0−309

MCM

MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

Output DLIS Files

DEFAULT	PERFO_075LUP	FN:74	PRODUCER	06−Jul−2008 23:17

Schlumberger

2" HSD Gun Correlation Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−3a

Output DLIS Files

DEFAULT	PERFO_073LUP	FN:72	PRODUCER	06−Jul−2008 22:57	5164.1 M	5050.8 M

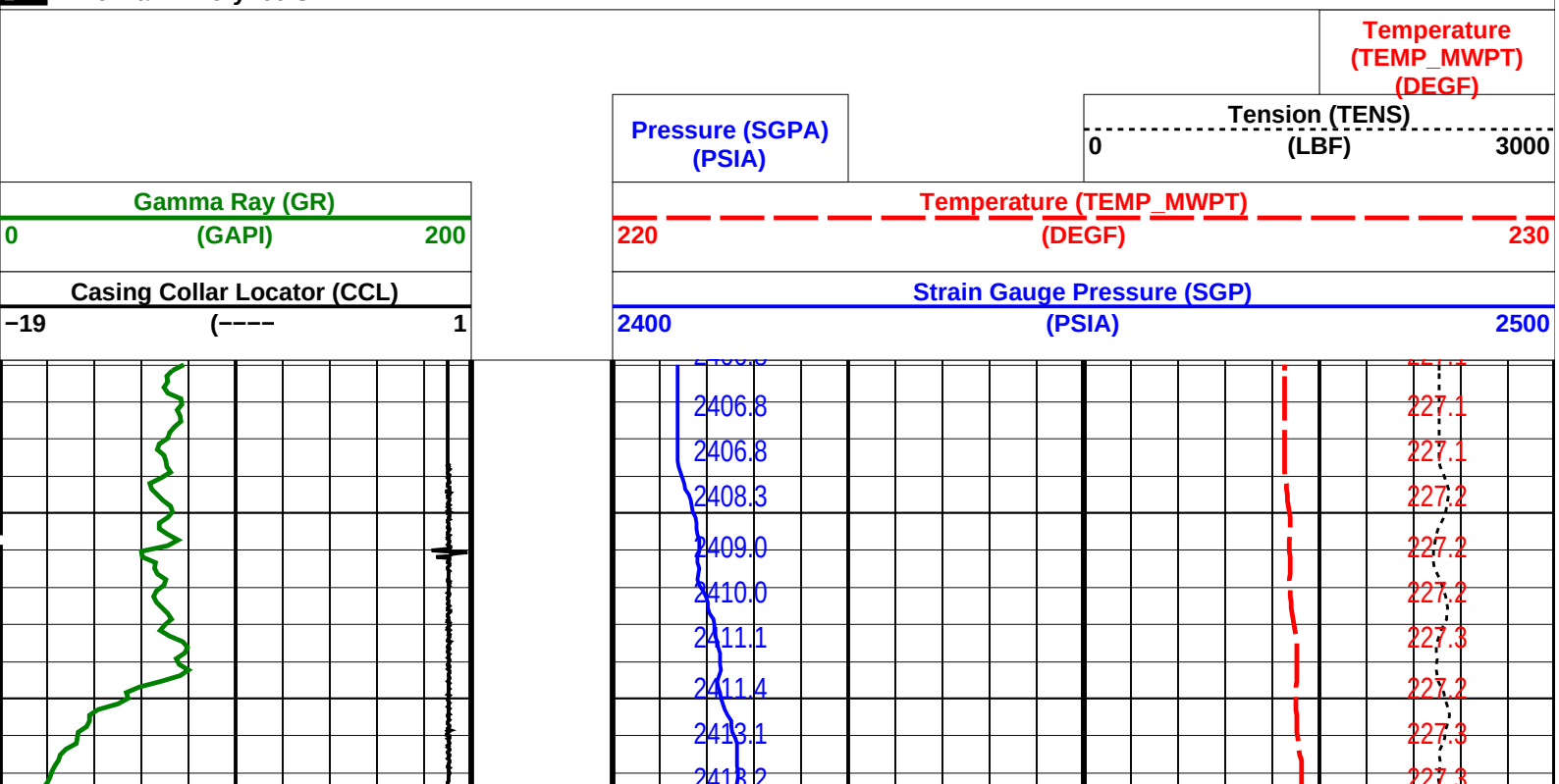
OP System Version: 15C0−309

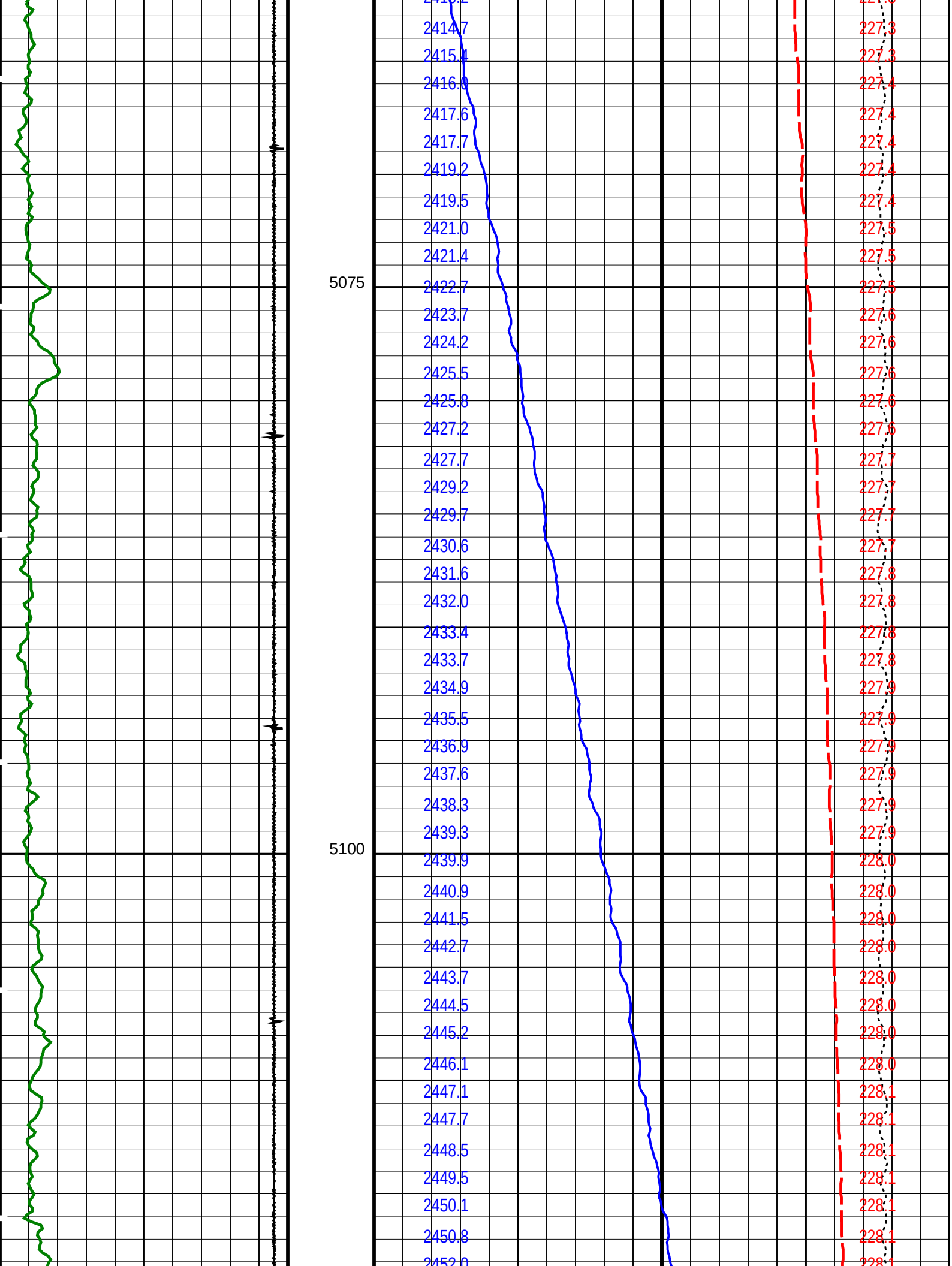
MCM

MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

PIP SUMMARY

Time Mark Every 60 S

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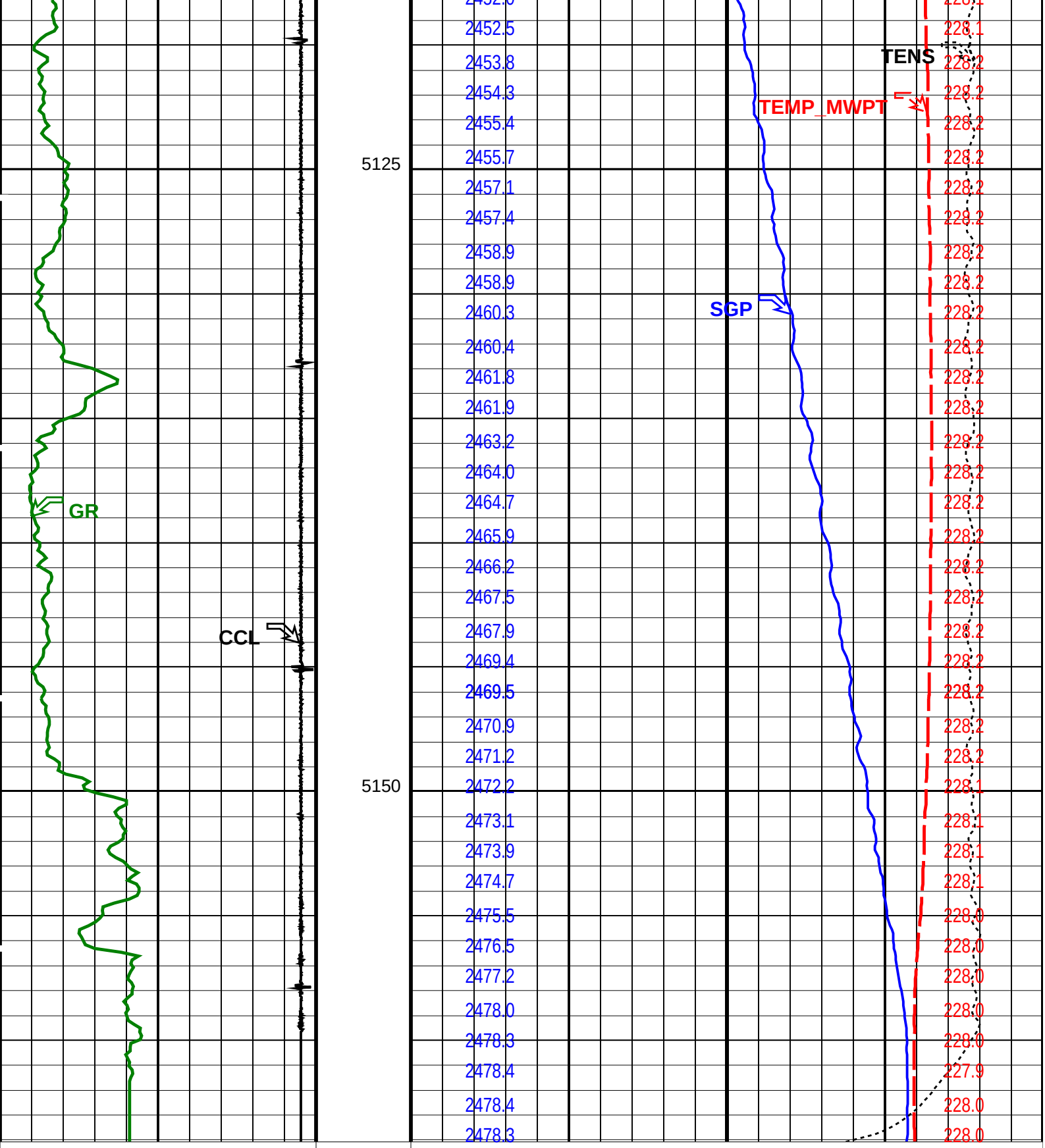


Casing Collar Locator (CCL)
−19 (−−−− 1

Gamma Ray (GR)
0 (GAPI) 200

Strain Gauge Pressure (SGP)
2400 (PSIA) 2500

Temperature (TEMP_MWPT)
220 (DEGF) 230

Pressure (SGPA)
(PSIA)

Tension (TENS)
0 (LBF) 3000

Temperature
(TEMP_MWPT)
(DEGF)

PIP SUMMARY

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: 06−Jul−2008 22:57

OP System Version: 15C0−309

MCM

MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

Output DLIS Files

DEFAULT	PERFO_073LUP	FN:72	PRODUCER	06−Jul−2008 22:57	

Schlumberger

2−1/8" Dump Bailer
Cement Dump Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−3a

Input DLIS Files

DEFAULT	PERFO_057LUP	FN:56	PRODUCER	07−Jul−2008 19:49	5152.3 M	5084.4 M

Output DLIS Files

DEFAULT	PERFO_092PUP	FN:12	PRODUCER	08−Jul−2008 00:28	5158.3 M	5090.8 M

OP System Version: 15C0−309

MCM

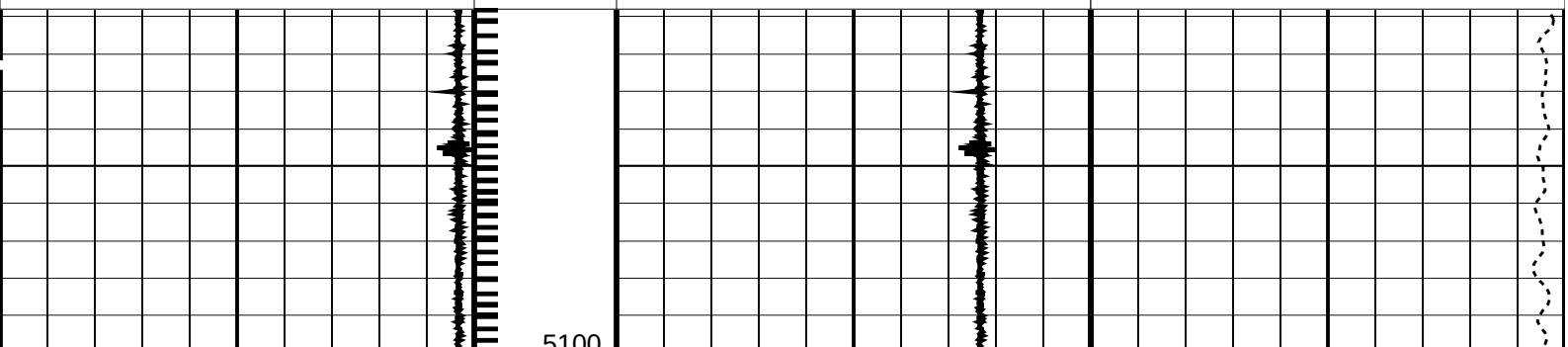
MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

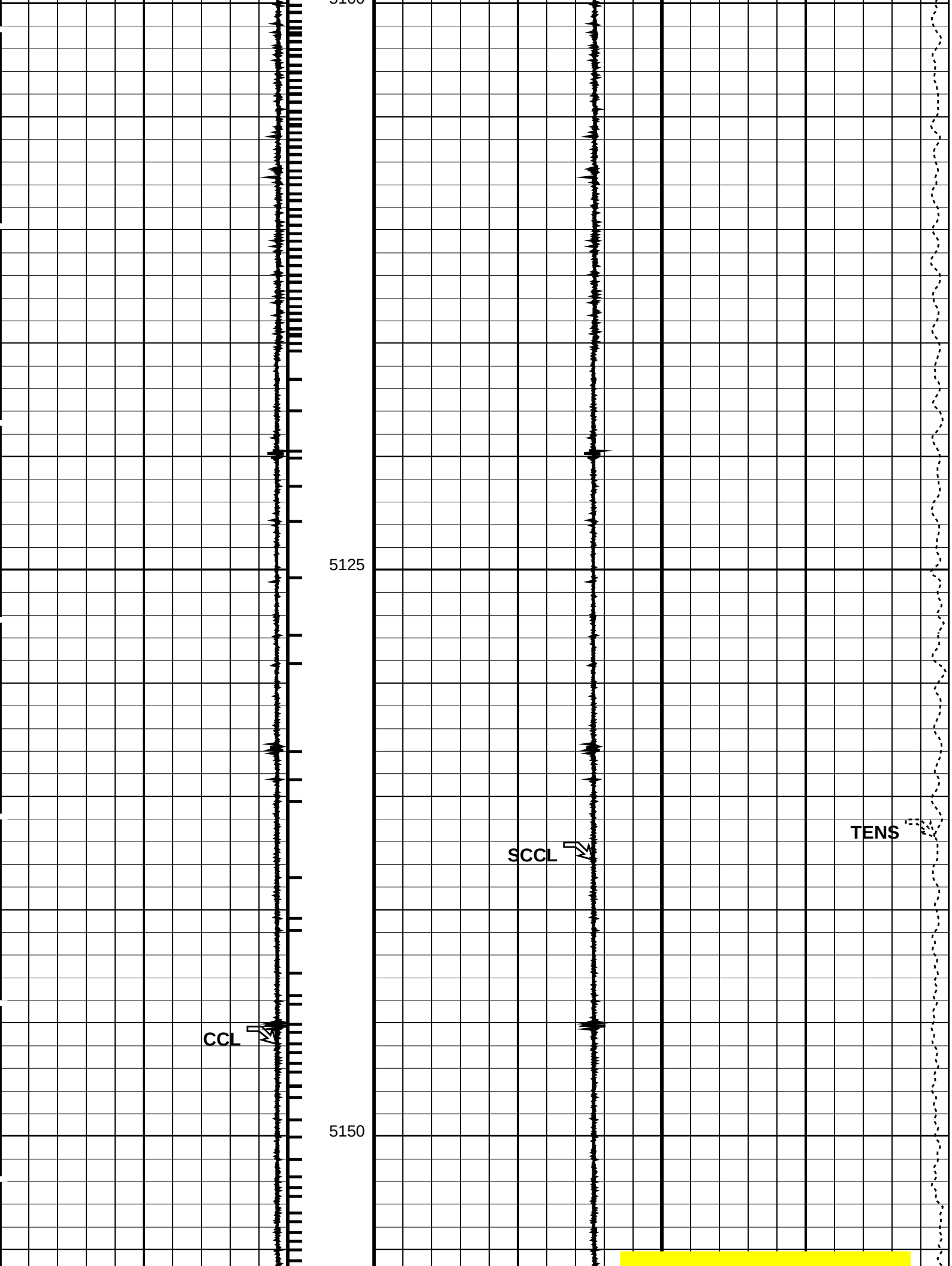
PIP SUMMARY

Casing Collars

Time Mark Every 60 S

Casing Collar Locator (CCL)		Shifted Casing Collar Locator (SCCL)	Tension (TENS)
−19 (−−−− 1		−10 (−−−− 10	0 (LBF) 2500

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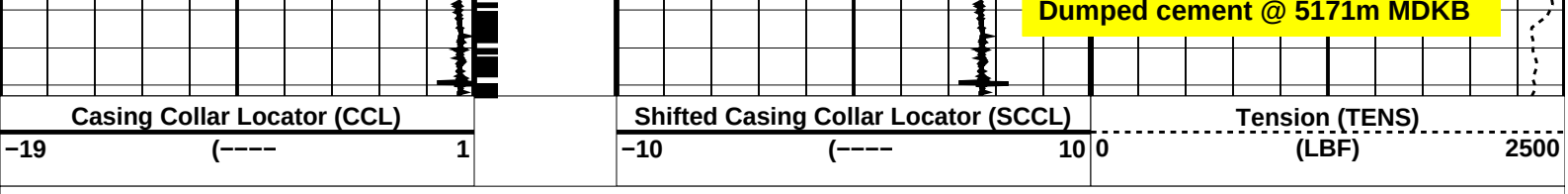
5150
SCCL
TENS
CCL



PIP SUMMARY

Casing Collars

Time Mark Every 60 S

Format: CCLLog Vertical Scale: 1:200 Graphics File Created: 08−Jul−2008 00:28

OP System Version: 15C0−309

MCM

MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

Input DLIS Files

DEFAULT	PERFO_057LUP	FN:56	PRODUCER	07−Jul−2008 19:49	5152.3 M	5084.4 M

Output DLIS Files

DEFAULT	PERFO_092PUP	FN:12	PRODUCER	08−Jul−2008 00:28

Schlumberger

2−1/8" Dump Bailer
Water Dump Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−3a

Input DLIS Files

DEFAULT	PERFO_050LUP	FN:49	PRODUCER	07−Jul−2008 19:49	5162.1 M	5089.2 M

Output DLIS Files

DEFAULT	PERFO_090PUP	FN:10	PRODUCER	07−Jul−2008 21:16	5166.1 M	5093.7 M

OP System Version: 15C0−309

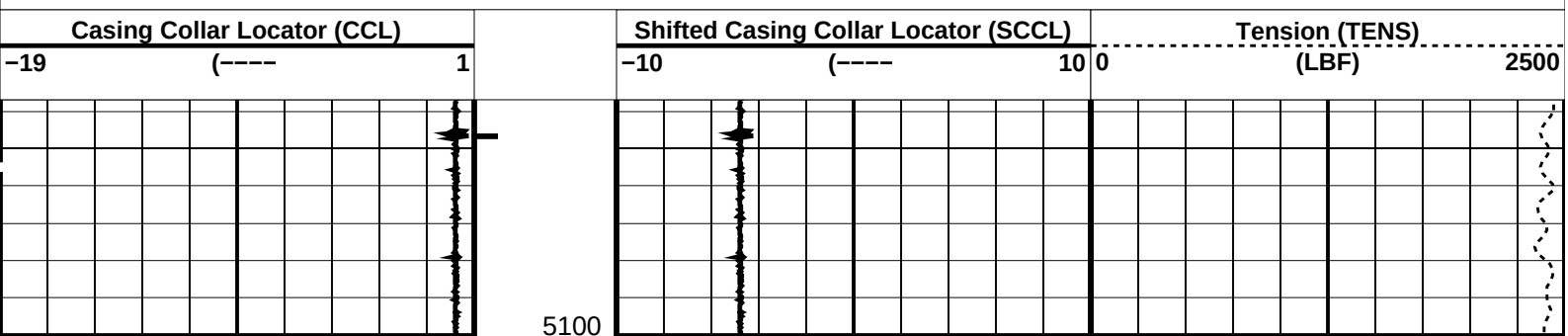
MCM

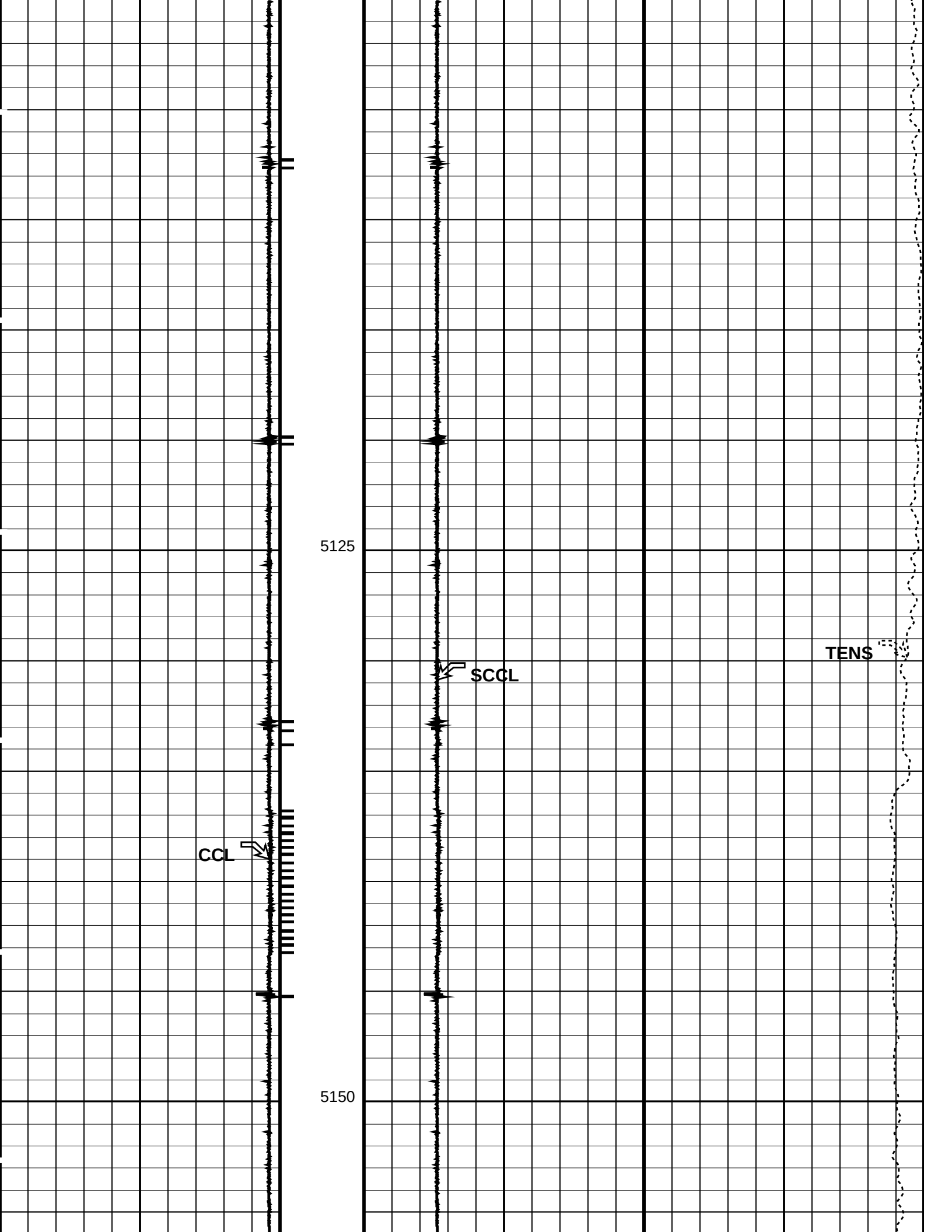
MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

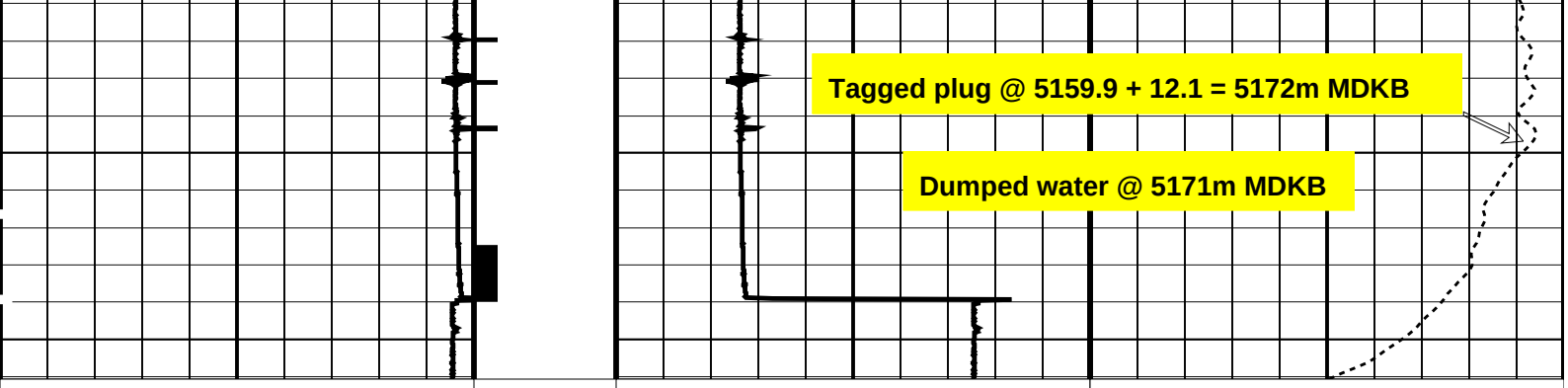
PIP SUMMARY

Casing Collars

Time Mark Every 60 S




5125
5150
CCL
SCCL
TENS



Casing Collar Locator (CCL)	Shifted Casing Collar Locator (SCCL)	Tension (TENS)
−19 (−−−− 1	−10 (−−−− 10	0 (LBF) 2500

PIP SUMMARY

Casing Collars

Time Mark Every 60 S

Format: CCLLog Vertical Scale: 1:200 Graphics File Created: 07−Jul−2008 21:16

OP System Version: 15C0−309

MCM

MWP_GUN	SRPC−3582−Q1_2008_OP15	MWPT−CA	SRPC−3582−Q1_2008_OP15
MWGT−CGRS	SRPC−3582−Q1_2008_OP15		

Input DLIS Files

DEFAULT	PERFO_050LUP	FN:49	PRODUCER	07−Jul−2008 19:49	5162.1 M	5089.2 M

Output DLIS Files

DEFAULT	PERFO_090PUP	FN:10	PRODUCER	07−Jul−2008 21:16

Schlumberger

MPBT
Setting Record

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−3a

Output DLIS Files

DEFAULT	MPBT_043LUP	FN:42	PRODUCER	06−Jul−2008 02:42	12192.0 M	11746.8 M

OP System Version: 15C0−309

MCM

MPEX−BA	SRPC−3582−Q1_2008_OP15	MPSU−BA	SRPC−3582−Q1_2008_OP15
CCL−LA	15C0−309		

PIP SUMMARY

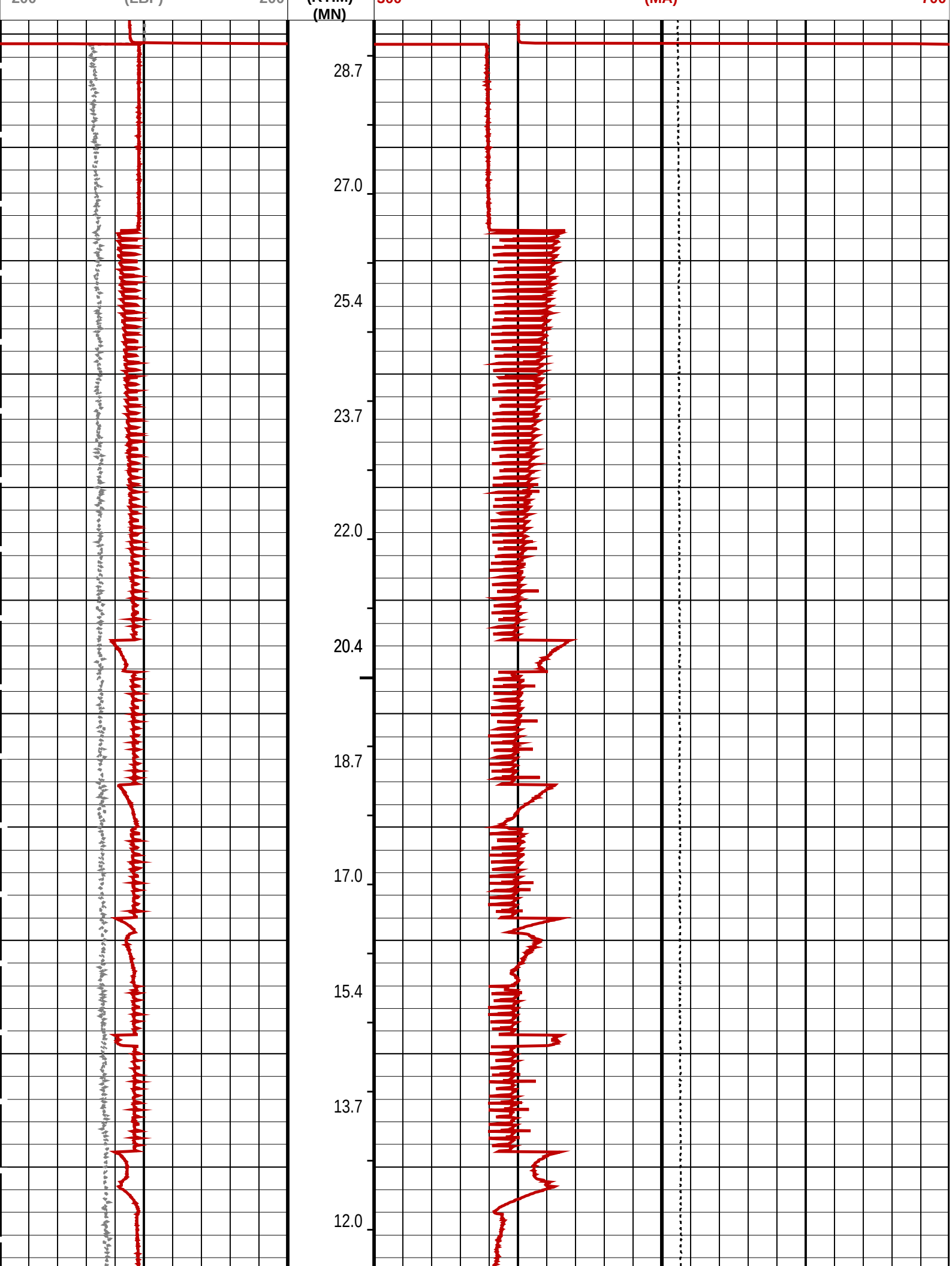
MPSU Run Time Every 1 MN

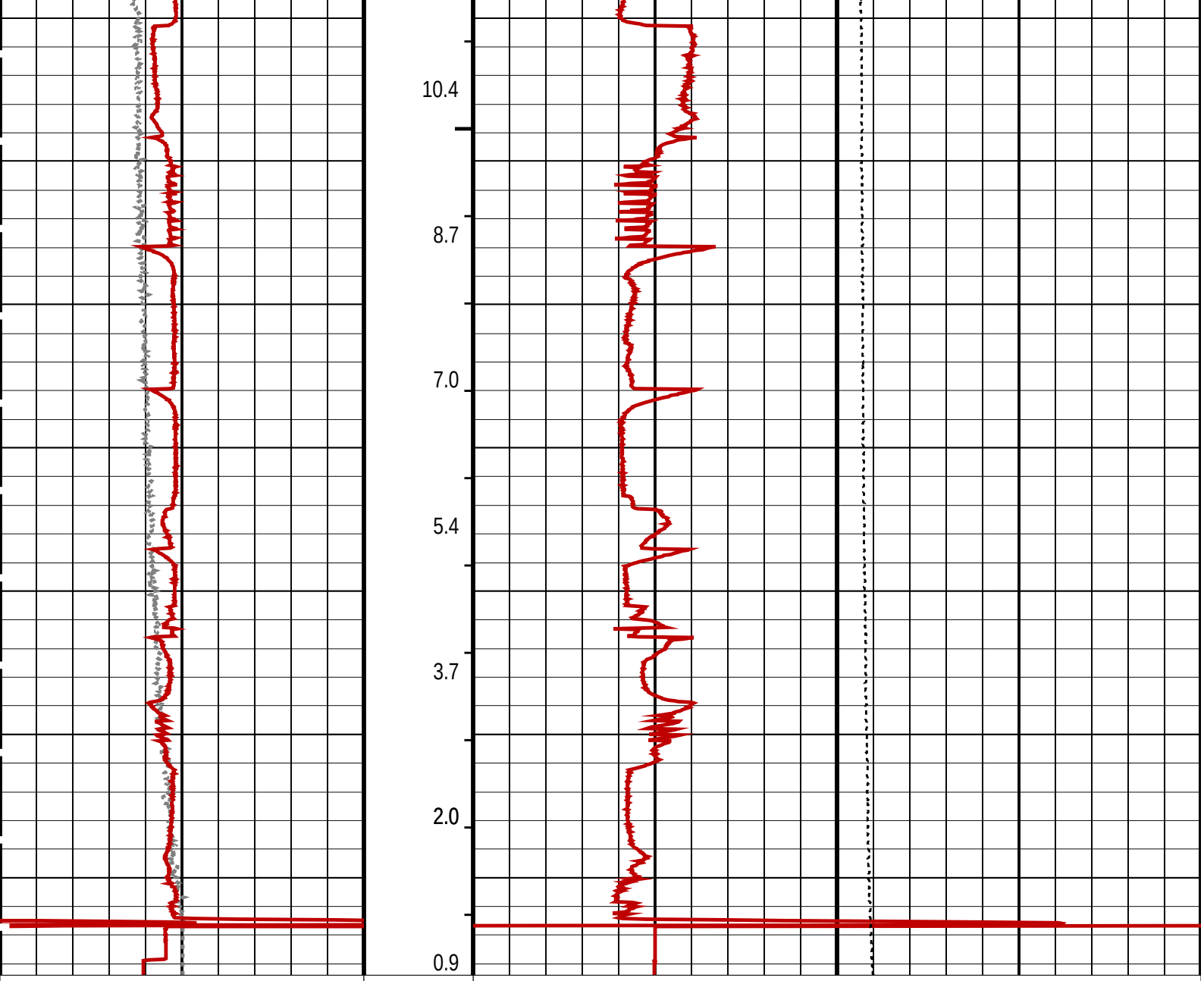
MPSU Run Time Every 10 MN

Time Mark Every 60 S

MPSU Head Voltage (HV)		Tension (TENS)
260 (V) 360		0 (LBF) 2000

Differential Tension (DTEN)	RUN Time (RTIM)	MPBM Cable Current (CCUR)
−200 (LBF) 200		300 (MA) 700


(MN)
28.7
27.0
25.4
23.7
22.0
20.4
18.7
17.0
15.4
13.7
12.0



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−BA: MECHANICAL PLUGBACK SETTING UNIT	
IPUMP	Intensifier Pump	TRUE

Format: MPBT_1 Vertical Scale: 1:1000 Graphics File Created: 06−Jul−2008 02:42

OP System Version: 15C0−309

MCM

MPEX−BA	SRPC−3582−Q1_2008_OP15	MPSU−BA	SRPC−3582−Q1_2008_OP15
CCL−LA	15C0−309		

Output DLIS Files

DEFAULT	MPBT_043LUP	EN:42	PRODUCER	06−Jul−2008 02:42

Schlumberger

MPBT
Log Out of Position

MAXIS Field Log

Company: Esso Australia Pty Ltd. **Well: A−3a**

Output DLIS Files

DEFAULT	MPBT_044LUP	FN:43	PRODUCER	06−Jul−2008 03:21	5164.8 M	5076.3 M

OP System Version: 15C0−309

MCM

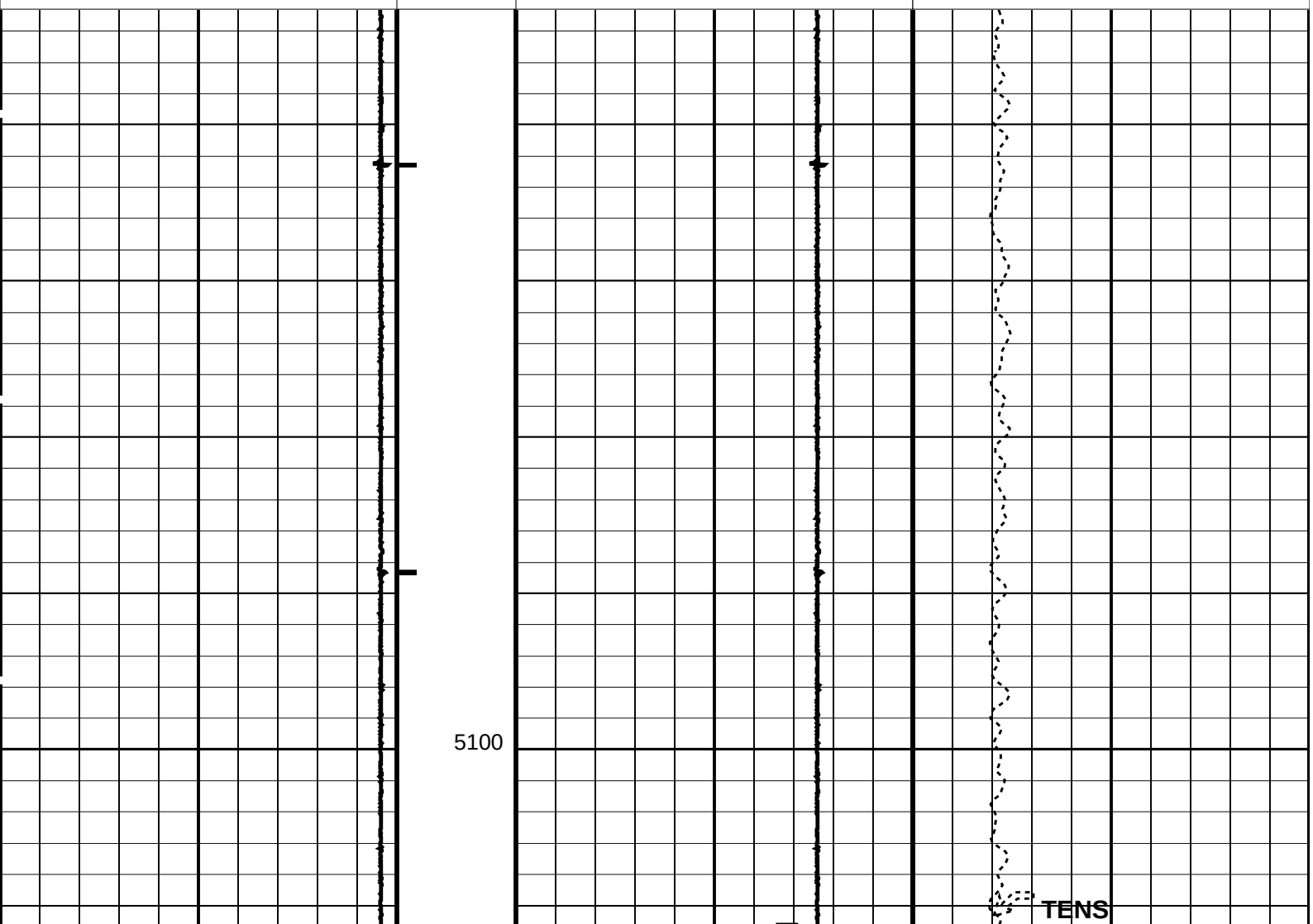
MPEX−BA	SRPC−3582−Q1_2008_OP15	MPSU−BA	SRPC−3582−Q1_2008_OP15
CCL−LA	15C0−309		

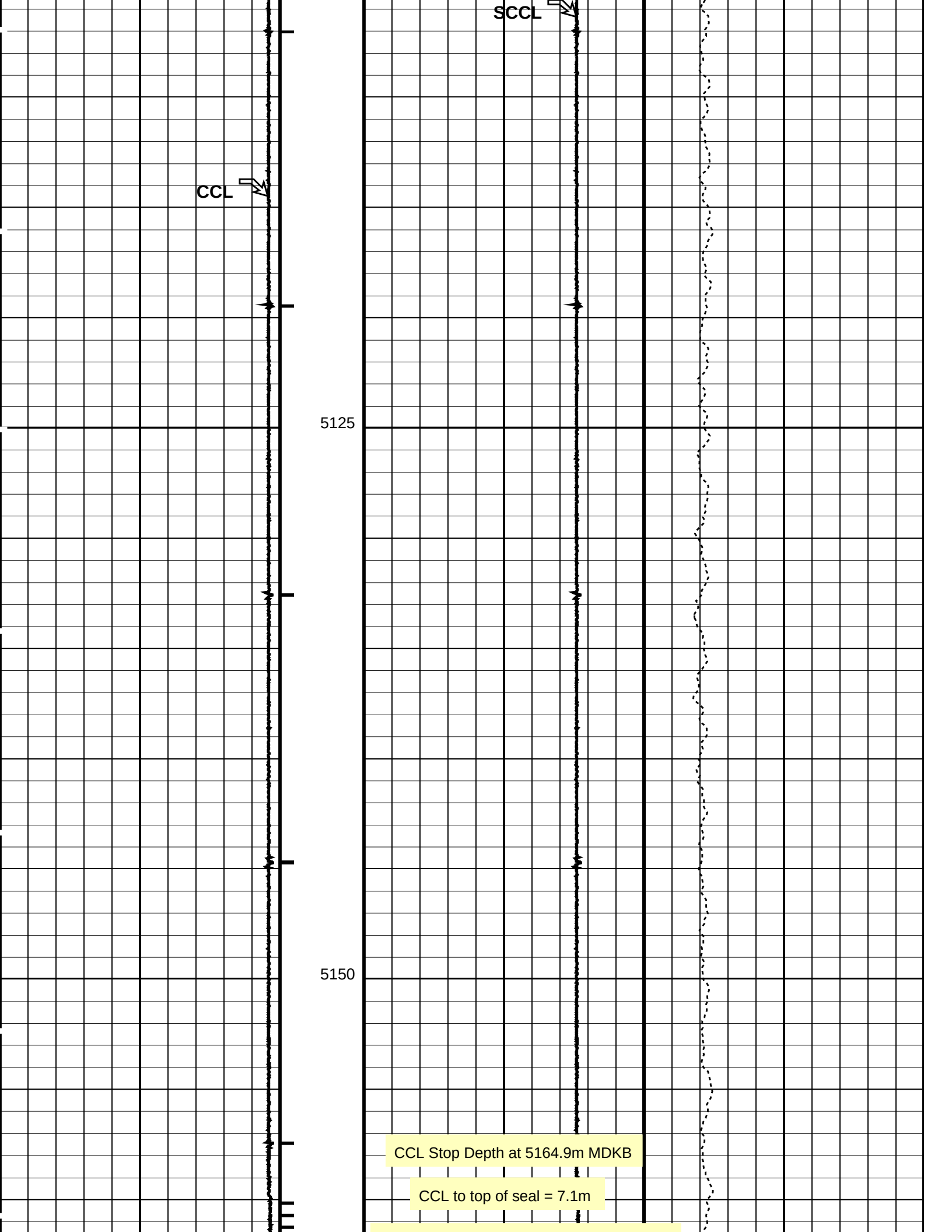
PIP SUMMARY

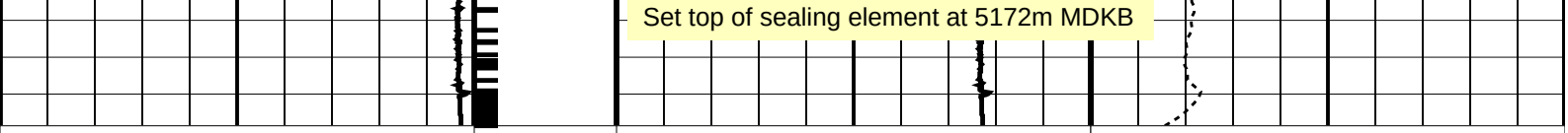
Casing Collars

Time Mark Every 60 S

Casing Collar Locator (CCL)		Shifted Casing Collar Locator (SCCL)		Tension (TENS)	
−19	(−−−− 1	−10	(−−−− 10	0 (LBF)	2000




CCL
SCCL
5125
5150
CCL Stop Depth at 5164.9m MDKB
CCL to top of seal = 7.1m



Casing Collar Locator (CCL)	Shifted Casing Collar Locator (SCCL)	Tension (TENS)
−19 (−−−− 1	−10 (−−−− 10	0 (LBF) 2000

PIP SUMMARY

Casing Collars

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	CCL−LA: Casing Collar Locator		
CCLD	CCL reset delay	12	IN
CCLT	CCL Detection Level	0.3	V

Format: CCLLog Vertical Scale: 1:200 Graphics File Created: 06−Jul−2008 03:21

OP System Version: 15C0−309

MCM

MPEX−BA	SRPC−3582−Q1_2008_OP15	MPSU−BA	SRPC−3582−Q1_2008_OP15
CCL−LA	15C0−309		

Output DLIS Files

DEFAULT	MPBT_044LUP	FN:43	PRODUCER	06−Jul−2008 03:21

Schlumberger

MPBT
Correlation Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: A−3a

Output DLIS Files

DEFAULT	MPBT_042LUP	FN:41	PRODUCER	06−Jul−2008 02:11	5153.4 M	4951.3 M

OP System Version: 15C0−309

MCM

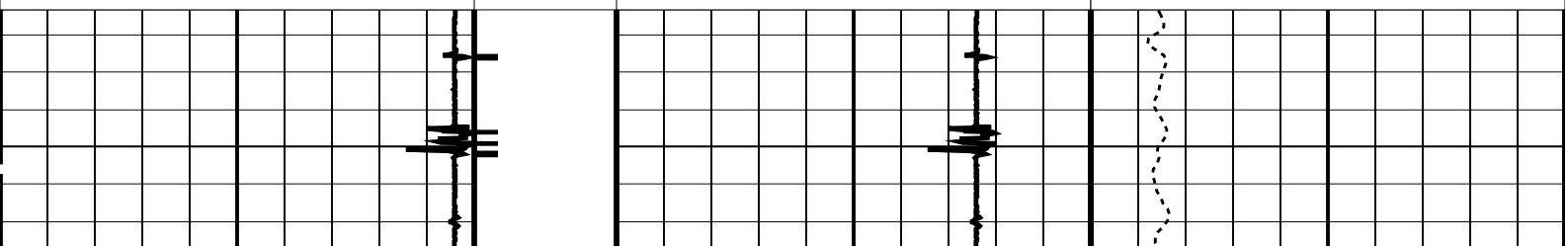
MPEX−BA	SRPC−3582−Q1_2008_OP15	MPSU−BA	SRPC−3582−Q1_2008_OP15
CCL−LA	15C0−309		

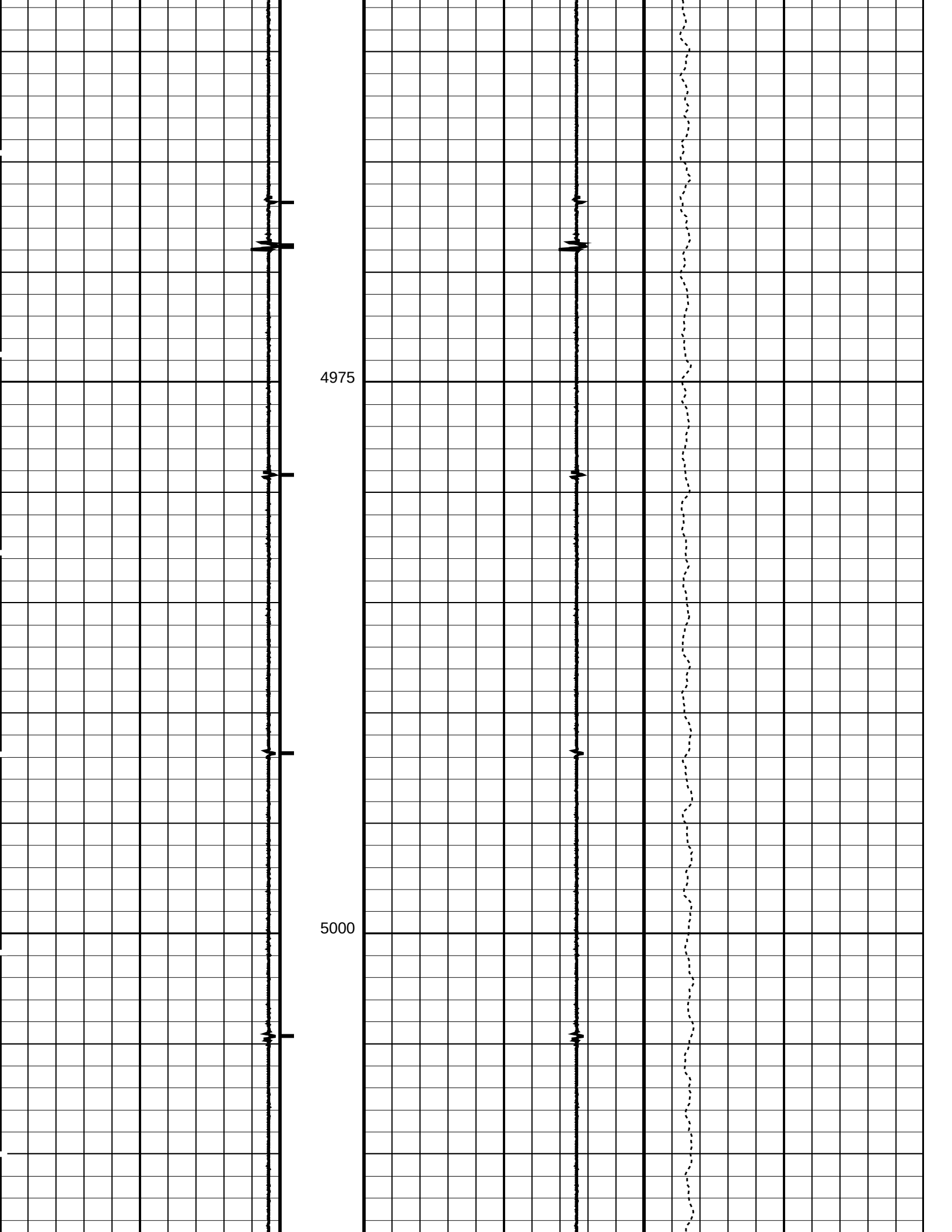
PIP SUMMARY

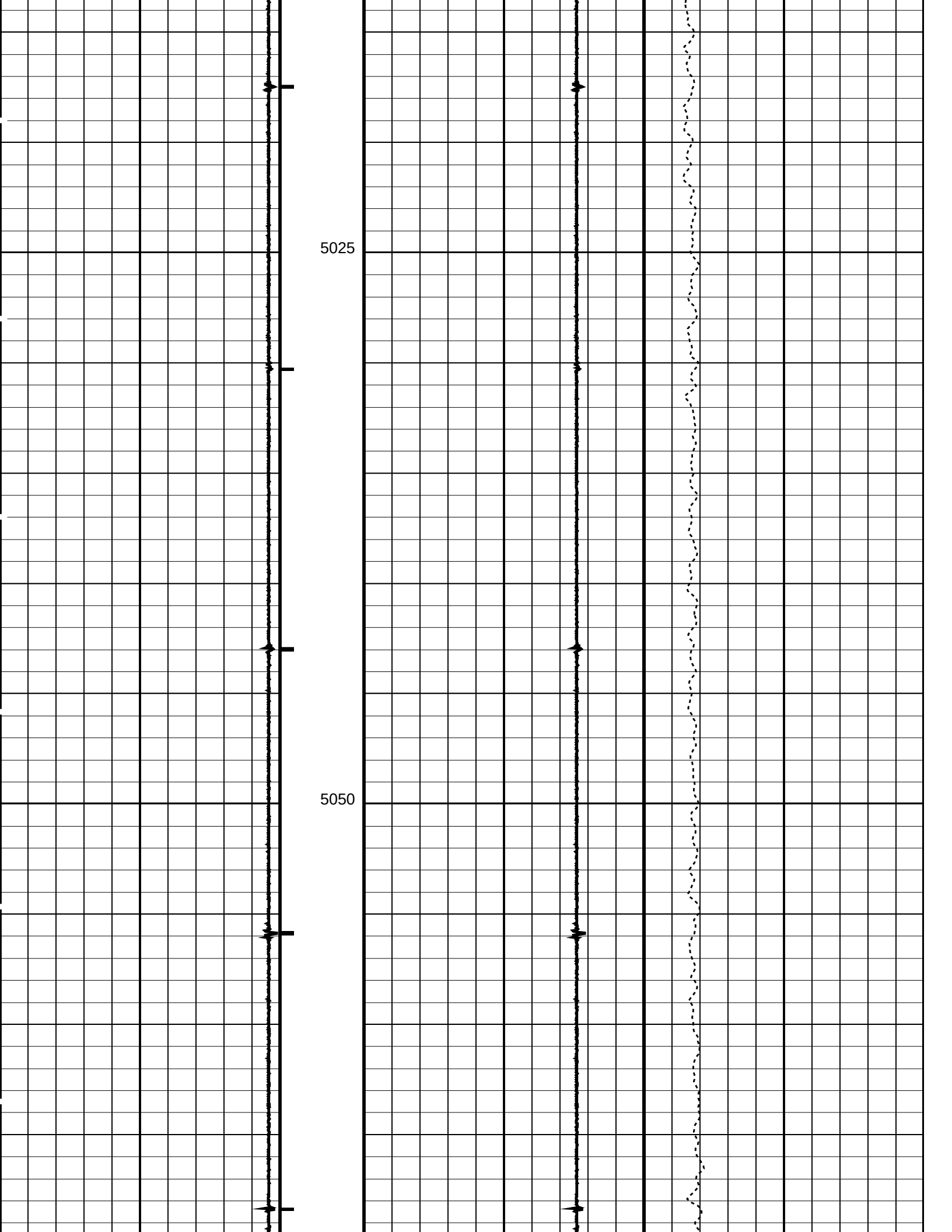
Casing Collars

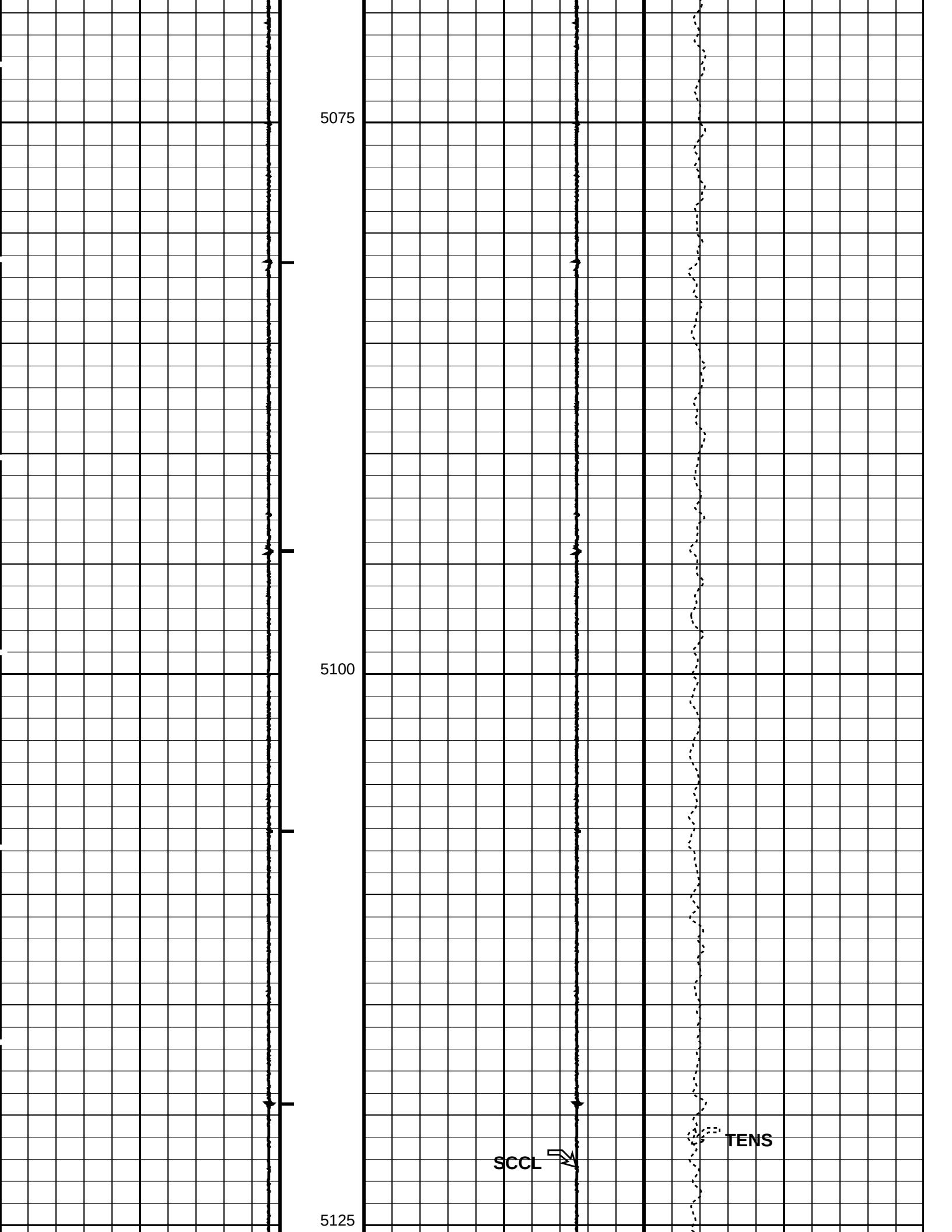
Time Mark Every 60 S

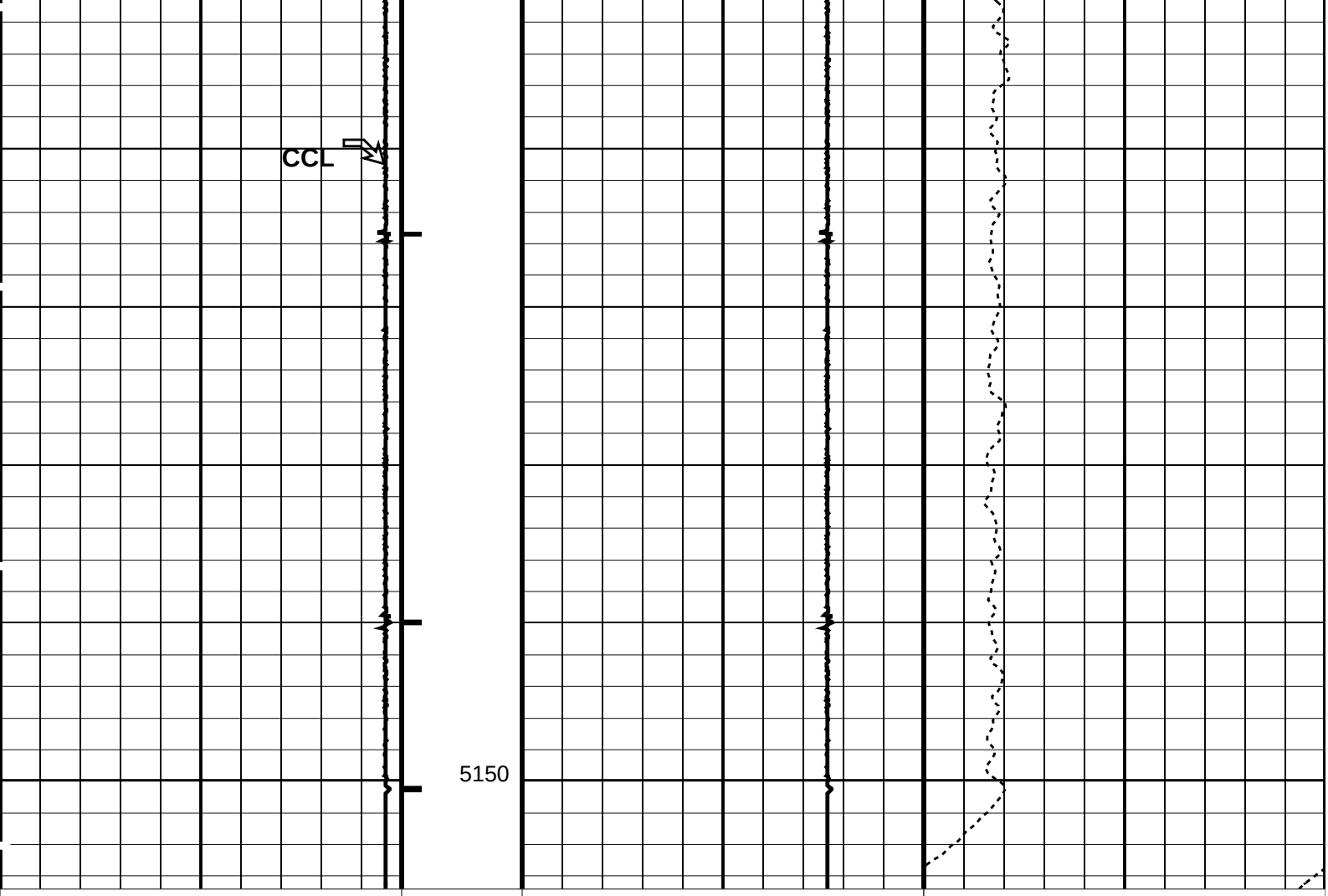
Casing Collar Locator (CCL)	Shifted Casing Collar Locator (SCCL)	Tension (TENS)
−19 (−−−− 1	−10 (−−−− 10	0 (LBF) 2000




4975
5000


5025
5050


5075
5100
5125
SCCL
TENS



PIP SUMMARY

Casing Collars

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
	CCL−LA: Casing Collar Locator		
CCLD	CCL reset delay	12	IN
CCLT	CCL Detection Level	0.3	V

Format: CCLLog Vertical Scale: 1:200 Graphics File Created: 06−Jul−2008 02:11

OP System Version: 15C0−309

MCM

MPEX−BA	SRPC−3582−Q1_2008_OP15	MPSU−BA	SRPC−3582−Q1_2008_OP15
CCL−LA	15C0−309		

Output DLIS Files

DEFAULT	MPBT_042LUP	FN:41	PRODUCER	06−Jul−2008 02:11

Schlumberger

Dummy MPBT
Correlation Pass

Company: Esso Australia Pty Ltd. **Well: A−3a**

Input DLIS Files

DEFAULT	PSP_025LUP	FN:24	PRODUCER	05−Jul−2008 19:12	5199.9 M	4947.5 M

Output DLIS Files

DEFAULT	PSP_029PUP	FN:28	PRODUCER	05−Jul−2008 19:53	5204.2 M	4952.2 M

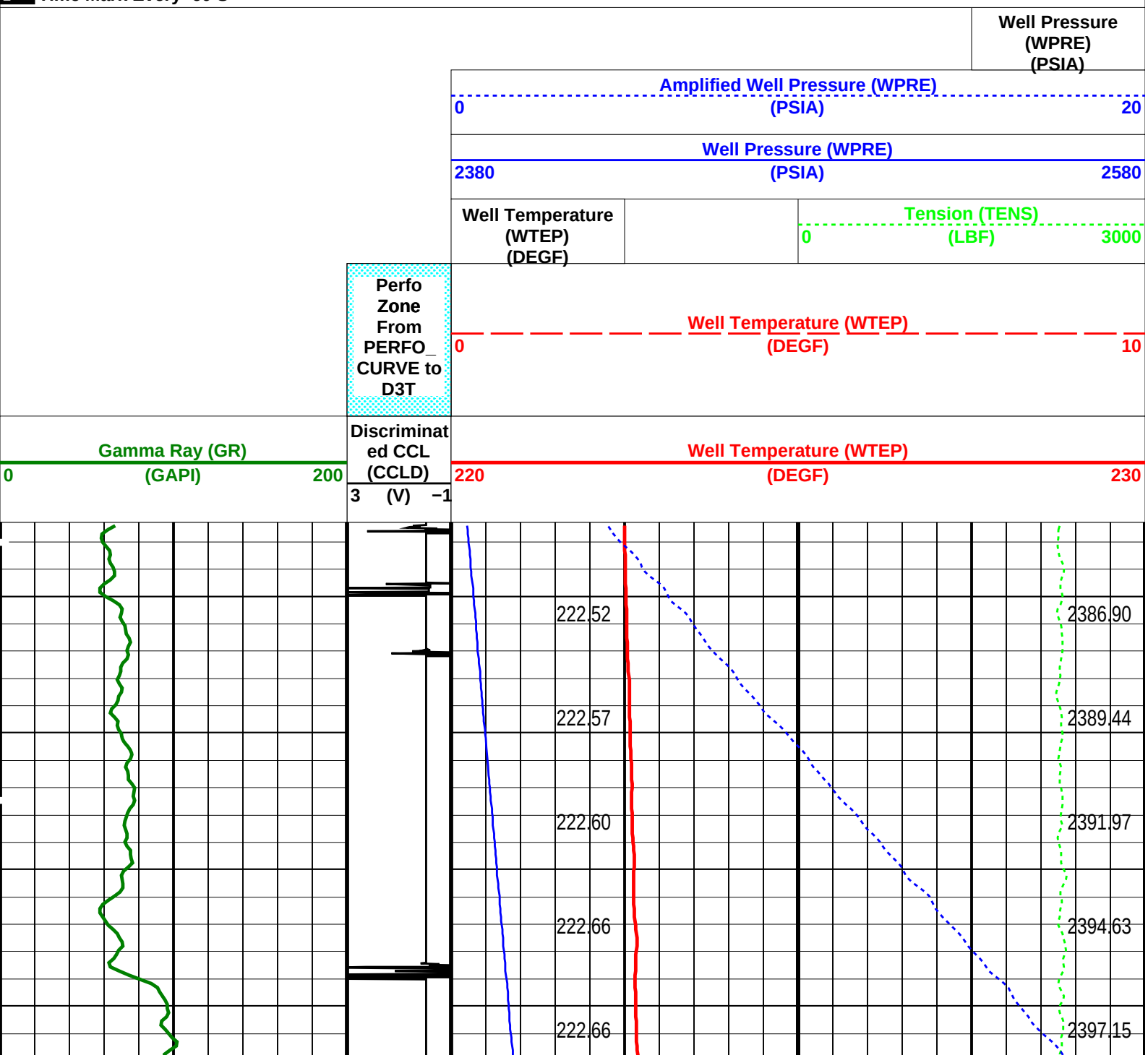
OP System Version: 15C0−309

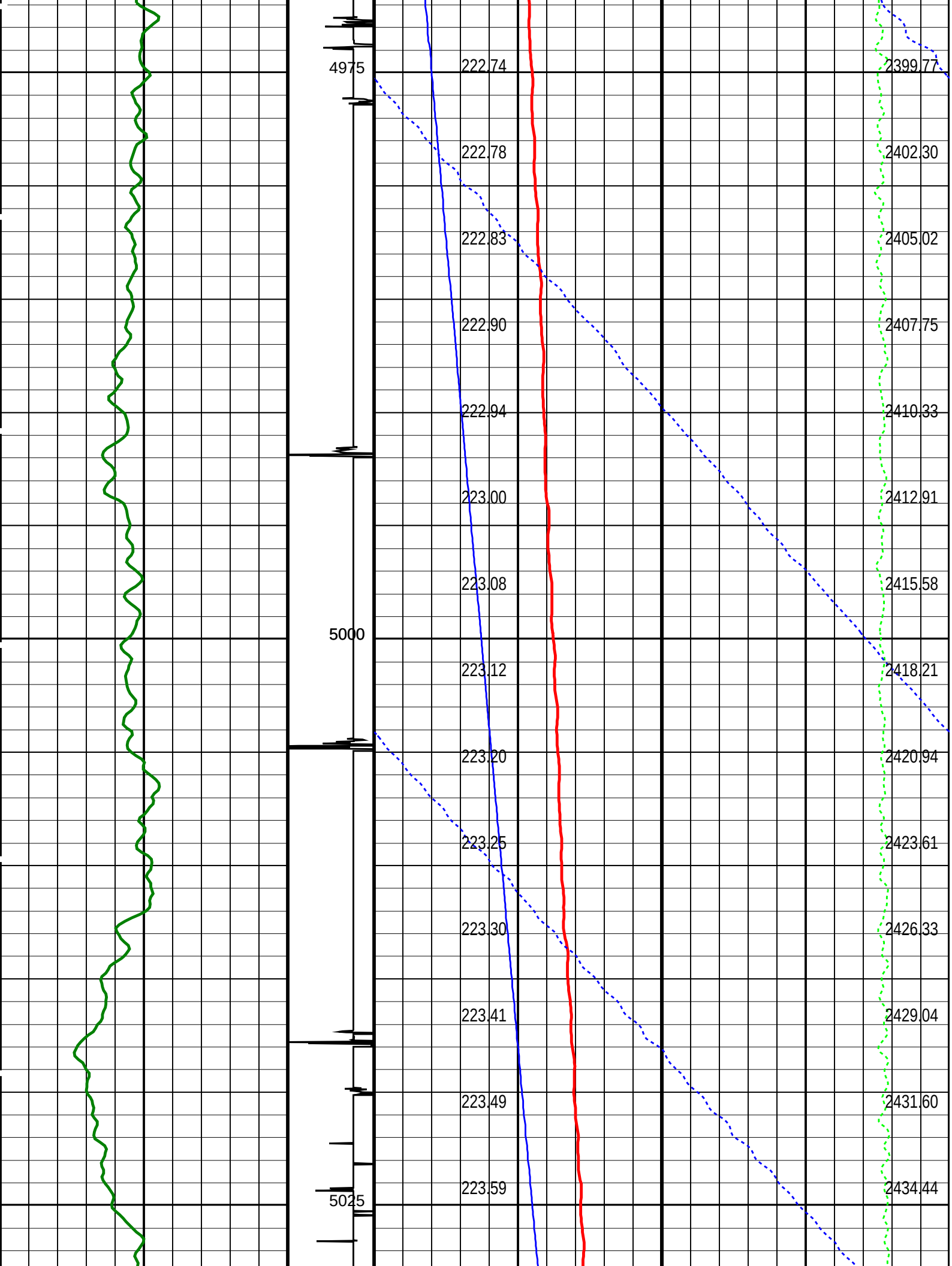
MCM

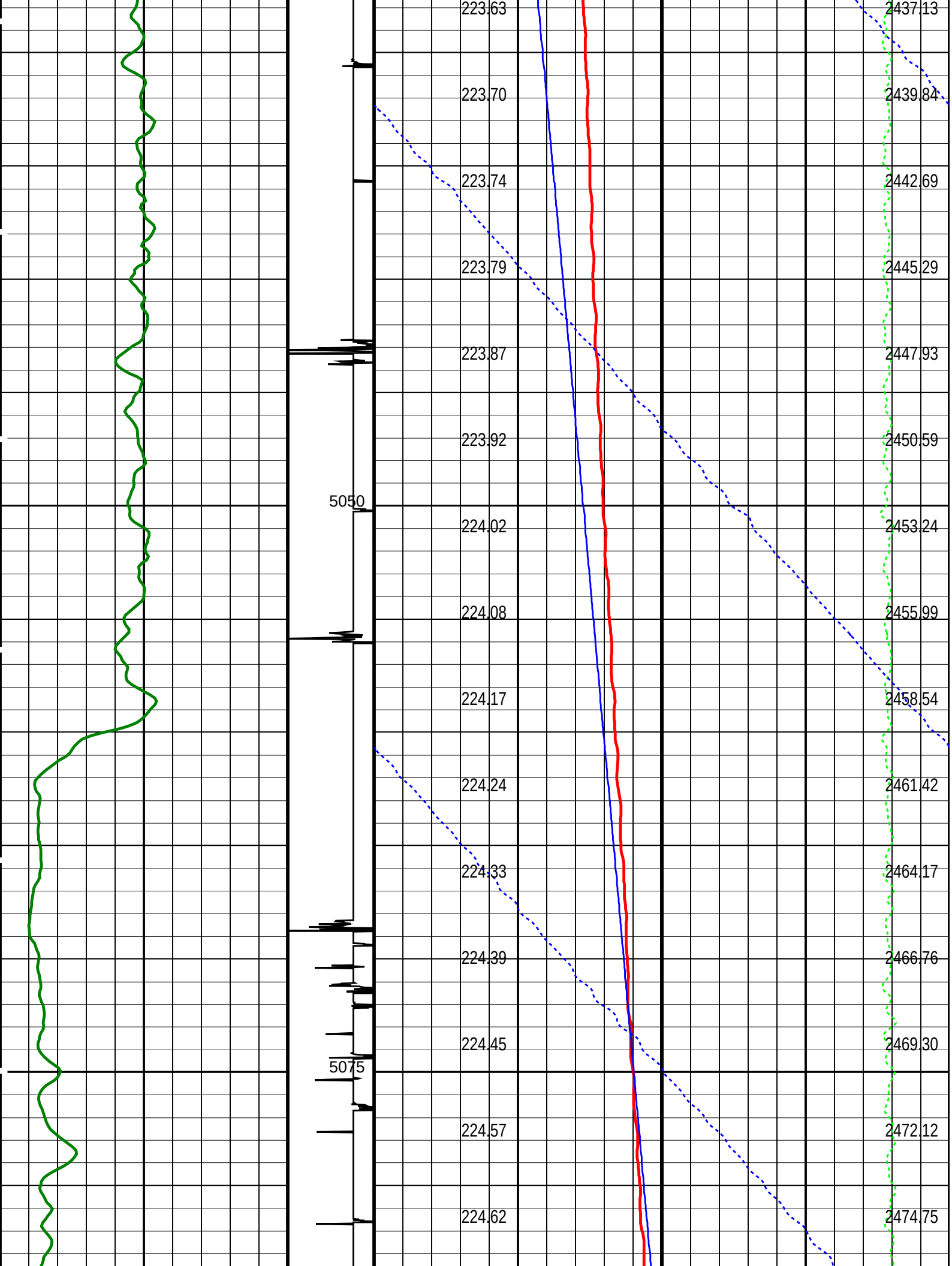
PSPT−A/B SRPC−3582−Q1_2008_OP15

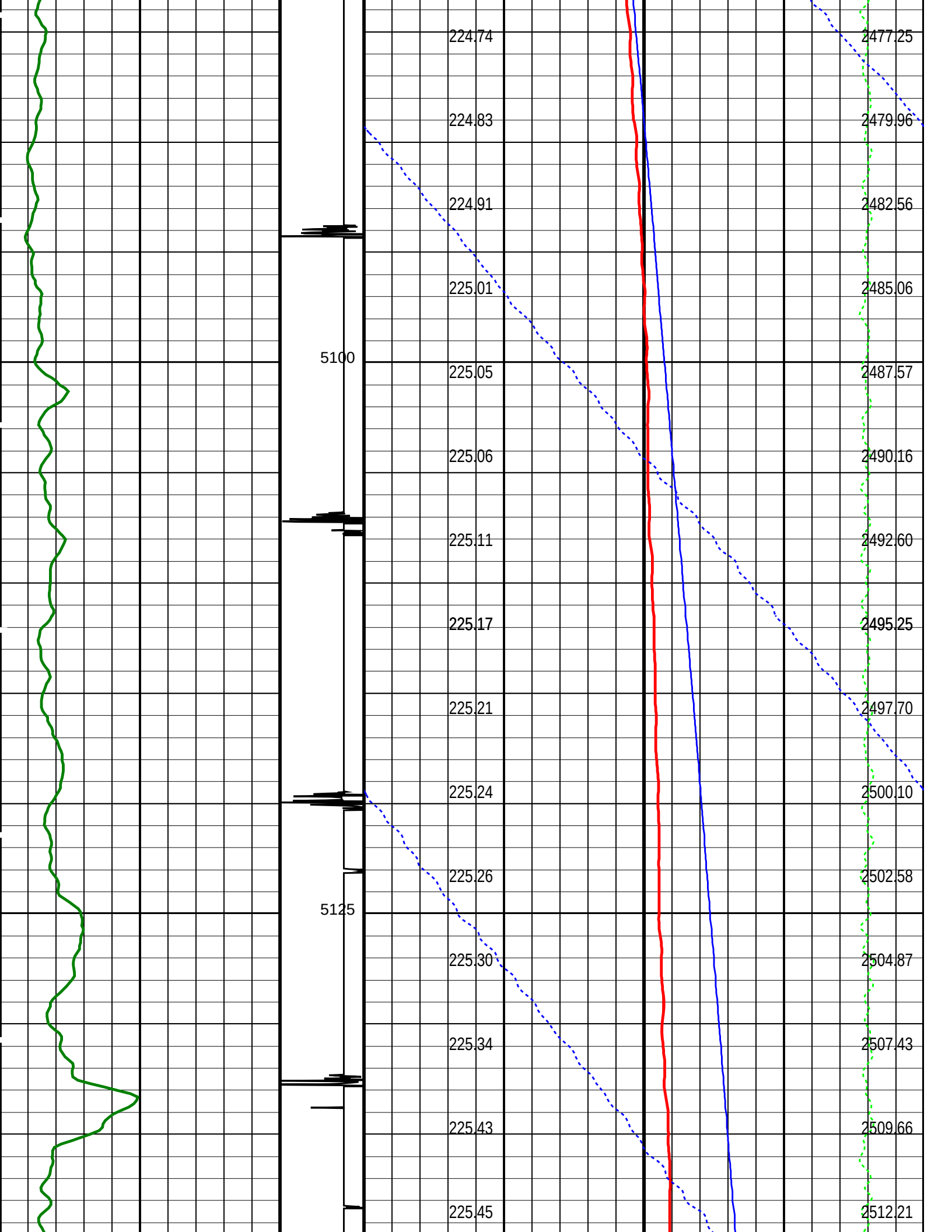
PIP SUMMARY

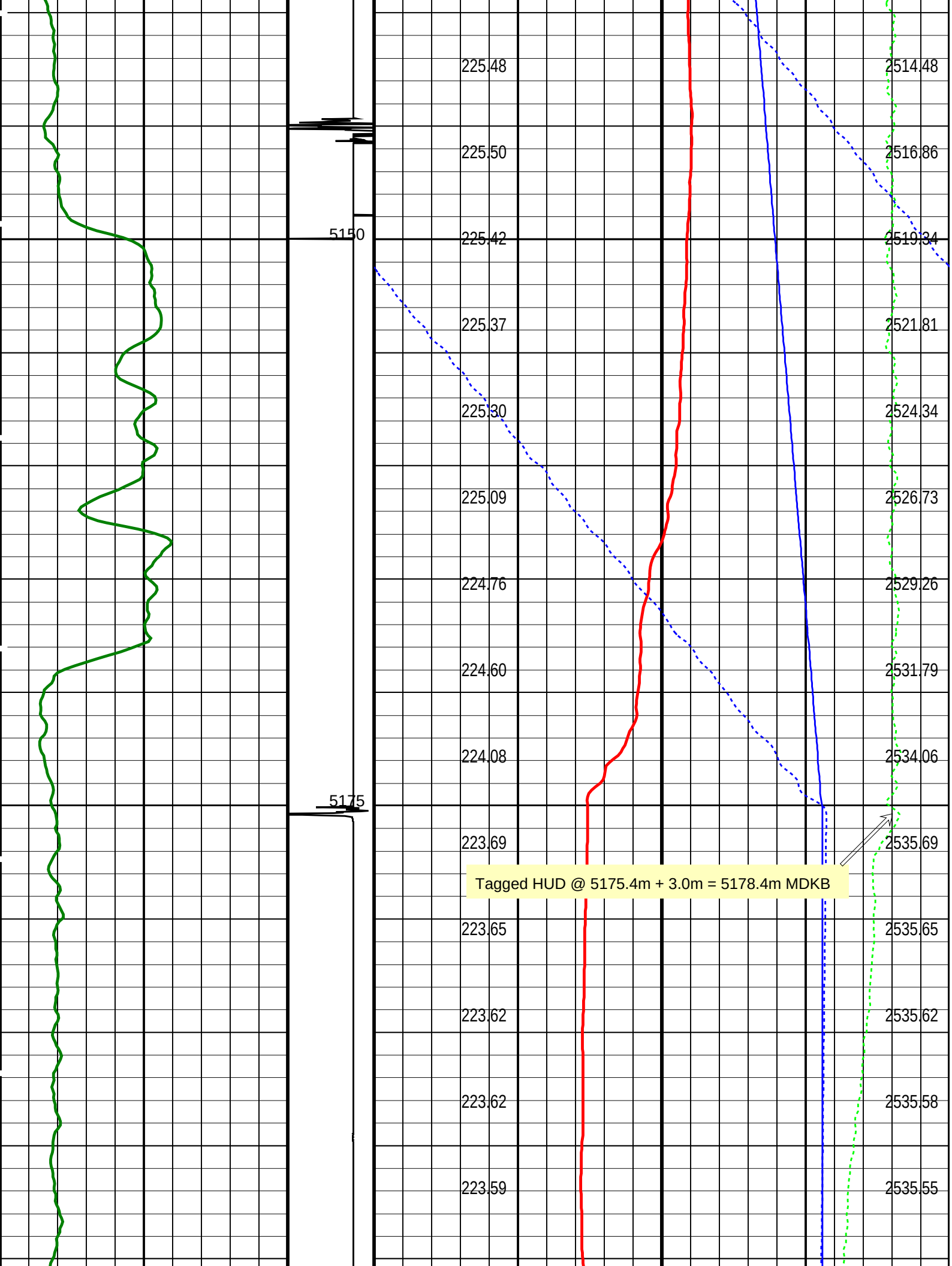
Time Mark Every 60 S

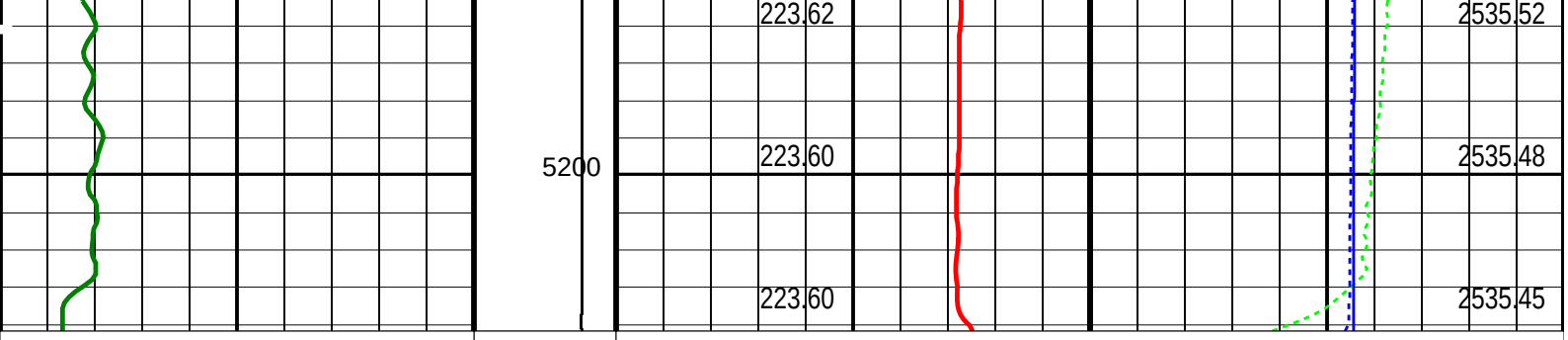



4975
5000
5025
222.74
222.78
222.83
222.90
222.94
223.00
223.08
223.12
223.20
223.25
223.30
223.41
223.49
223.59
2399.77
2402.30
2405.02
2407.75
2410.33
2412.91
2415.58
2418.21
2420.94
2423.61
2426.33
2429.04
2431.60
2434.44


223.63
2437.13
223.70
2439.84
223.74
2442.69
223.79
2445.29
223.87
2447.93
223.92
2450.59
5050
224.02
2453.24
224.08
2455.99
224.17
2458.54
224.24
2461.42
224.33
2464.17
224.39
2466.76
224.45
2469.30
5075
224.57
2472.12
224.62
2474.75


224.74
2477.25
224.83
2479.96
224.91
2482.56
225.01
2485.06
5100
225.05
2487.57
225.06
2490.16
225.11
2492.60
225.17
2495.25
225.21
2497.70
225.24
2500.10
225.26
2502.58
5125
225.30
2504.87
225.34
2507.43
225.43
2509.66
225.45
2512.21


5150
5175
225.48
225.50
225.42
225.37
225.30
225.09
224.76
224.60
224.08
223.69
223.65
223.62
223.62
223.59
2514.48
2516.86
2519.34
2521.81
2524.34
2526.73
2529.26
2531.79
2534.06
2535.69
2535.65
2535.62
2535.58
2535.55
Tagged HUD @ 5175.4m + 3.0m = 5178.4m MDKB



Gamma Ray (GR)
0 (GAPI) 200

Discriminated CCL (CCLD)
3 (V) −1

Well Temperature (WTEP)
220 (DEGF) 230

Perfo Zone From PERFO_CURVE to D3T

Well Temperature (WTEP)
0 (DEGF) 10

Well Temperature (WTEP) (DEGF)

Tension (TENS)
0 (LBF) 3000

Well Pressure (WPRE)
2380 (PSIA) 2580

Amplified Well Pressure (WPRE)
0 (PSIA) 20

Well Pressure (WPRE) (PSIA)

PIP SUMMARY

Time Mark Every 60 S

Format: PSP_1_2_1 Vertical Scale: 1:200 Graphics File Created: 05−Jul−2008 19:53

OP System Version: 15C0−309

MCM

PSPT−A/B SRPC−3582−Q1_2008_OP15

Parameters

DLIS Name	Description	Value
System and Miscellaneous		
DO	Depth Offset for Playback	4.3 M
PP	Playback Processing	NORMAL

Input DLIS Files

DEFAULT	PSP_025LUP	FN:24	PRODUCER	05−Jul−2008 19:12	5199.9 M	4947.5 M

Output DLIS Files

DEFAULT	PSP_029PUP	FN:28	PRODUCER	05−Jul−2008 19:53

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **A−3a**
Field: **Flounder**
Rig: **Crane**
Country: **Australia**

2" HSD Powerjet Omega / MPBT
Perforation & Plug Setting Record
5−July−2008