

Company: Esso Australia Pty Ltd.

Well: W-19A  
Field: West Kingfish  
Rig : Prod4 / Crane

Country: Australia

RST-C  
WaterFlow  
Survey

Prod4 / Crane  
West Kingfish  
Gippsland  
W-19A  
Esso Australia Pty Ltd.

LOCATION			
Gippsland Basin Bass Strait	Elev.:		K.B. 33.43 m
	G.L.		-74 m
	D.F.		33.43 m
Permanent Datum:		M.S.L.	
Log Measured From:		K.B.	
Drilling Measured From:		K.B.	
State: Victoria	Max. Well Deviation 37 deg		Longitude 148 06'15.1"E
			Latitude 038 35'40.7"S

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

Run 1

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

Unit Number

Recorded By

Witnessed By

## DEPTH SUMMARY LISTING

### Depth System Equipment

Date Created: 12-NOV-2007 7:18:03

Depth Measuring Device	Tension Device	Logging Cable
Type: IDW-EB Serial Number: 6373 Calibration Date: 04-Jan-2007 Calibrator Serial Number: 9 Calibration Cable Type: 2-32ZT Wheel Correction 1: -2 Wheel Correction 2: -4	Type: PSDS/OSDS Serial Number: 325357 Calibration Date: 12-Nov-2007 Calibrator Serial Number: 1174 Calibration Gain: 0.89 Calibration Offset: 180.00	Type: 2-32ZT Serial Number: 24426 Length: 5584.85 M Conveyance Method: Wireline Rig Type: Rigless

### Depth Control Parameters

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	Solar composite log.
Reference Log Run Number:	
Reference Log Date:	0

### Depth Control Remarks

1. IDW used as primary depth control
2. Z Chart used as secondary depth control
3.
4.
5.
6.

#### DISCLAIMER

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OTHER SERVICES1
OS1: None
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1
Log correlated to Esso Solar composite supplied with program.
Maximum well deviation = 37 degrees at 660m MDKB.
Log Objective: Conduct a flowing Water Flow log to evaluate possible flow behind the production casing at selected depths.
HUD : 2621m MDKB

Crew : J Light,J Annear,K Kerr,P Lawrence.

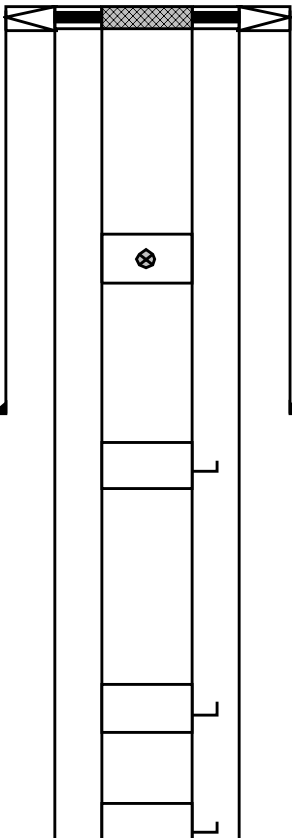
SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:			RUN 1 Ausl7509099 14C0-302 925 m		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

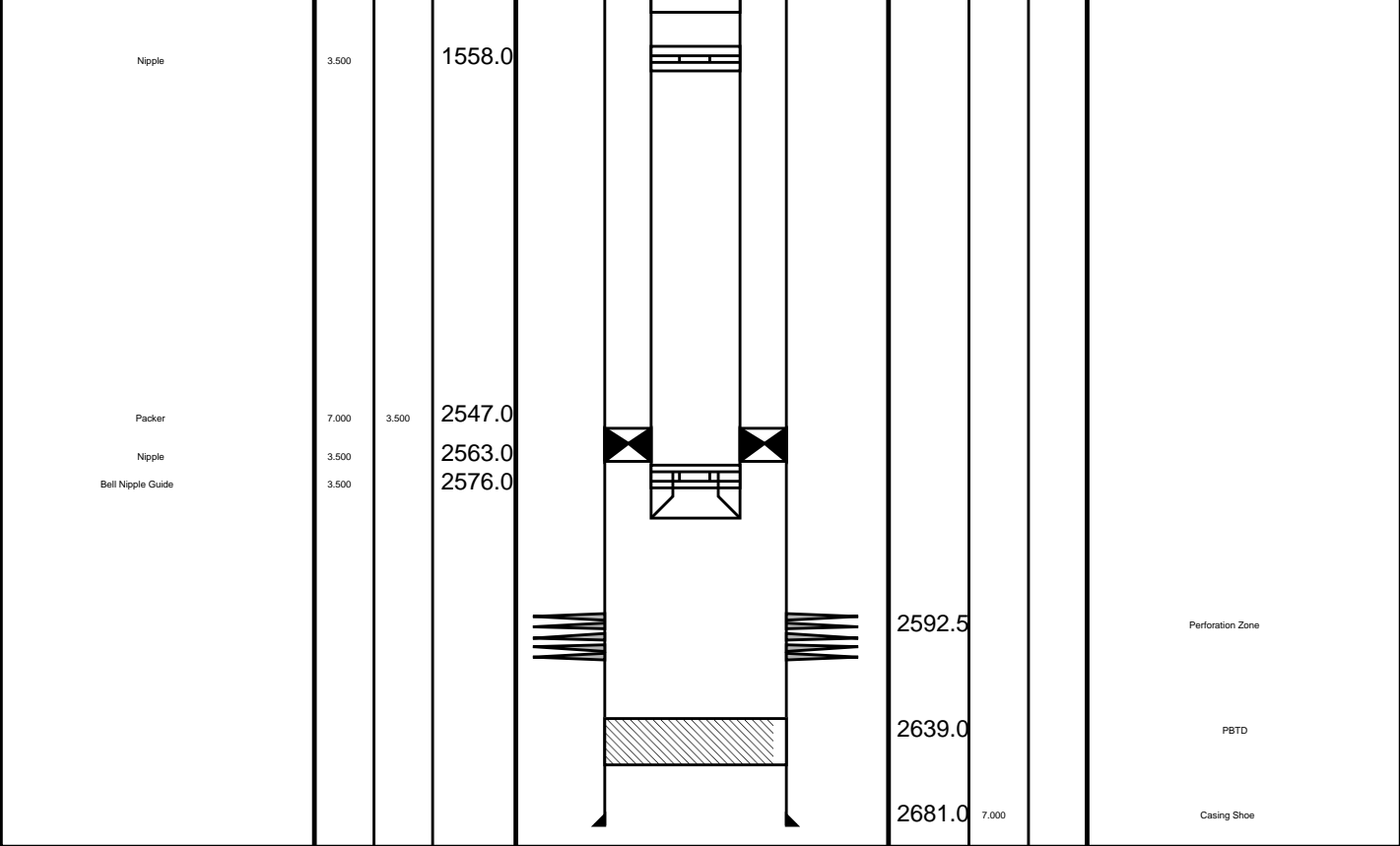
## EQUIPMENT DESCRIPTION

RUN 1		RUN 2	
SURFACE EQUIPMENT			
WITM-A 1835 PSC_16MHZ 1835			
DOWNHOLE EQUIPMENT			
SWHS-A 726		11.70	
EQF-43 6001		11.37	
PSPT-B BLK2		9.54	
PSC-A 1835 PSPT-B 1835 PSTC 1835 PBMS-B 1835 CQG_F Mano 1835 RTD Thermometer 1835 GR 1835 CCL 1835 PBMS 1835	Detail MT TelStatus CTEM	9.54	
	GR	8.41	
	Well Temp CQG Manom CCL PBMS PSTC	7.48 7.37 7.25 7.02	
RST-C BLK1		7.02	
RSCH-A 98 RSC-C 98 RSS-A 94 RSXH-A 179 RSX-C 179			

$$\begin{array}{r} 4.24 \\ - 4.09 \\ \hline \end{array}$$

MAXIMUM STRING DIAMETER 1.72 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		
Tubing Tubing Hanger	3.500		11.7		10.0	10.900		Casing String Liner Hanger	
	7.000	3.500	10.0			12.3	10.750	7.000	
Shutin Valve									
	3.500		453.0						
Gas Lift Mandrel						666.0	10.750		Casing Shoe
	3.500		817.0						
Gas Lift Mandrel									
	3.500		1304.0						
Gas Lift Mandrel									
	3.500		1543.0						



## Jog Events Summary

MAXIS Field Log

### Schlumberger Job Event Summary

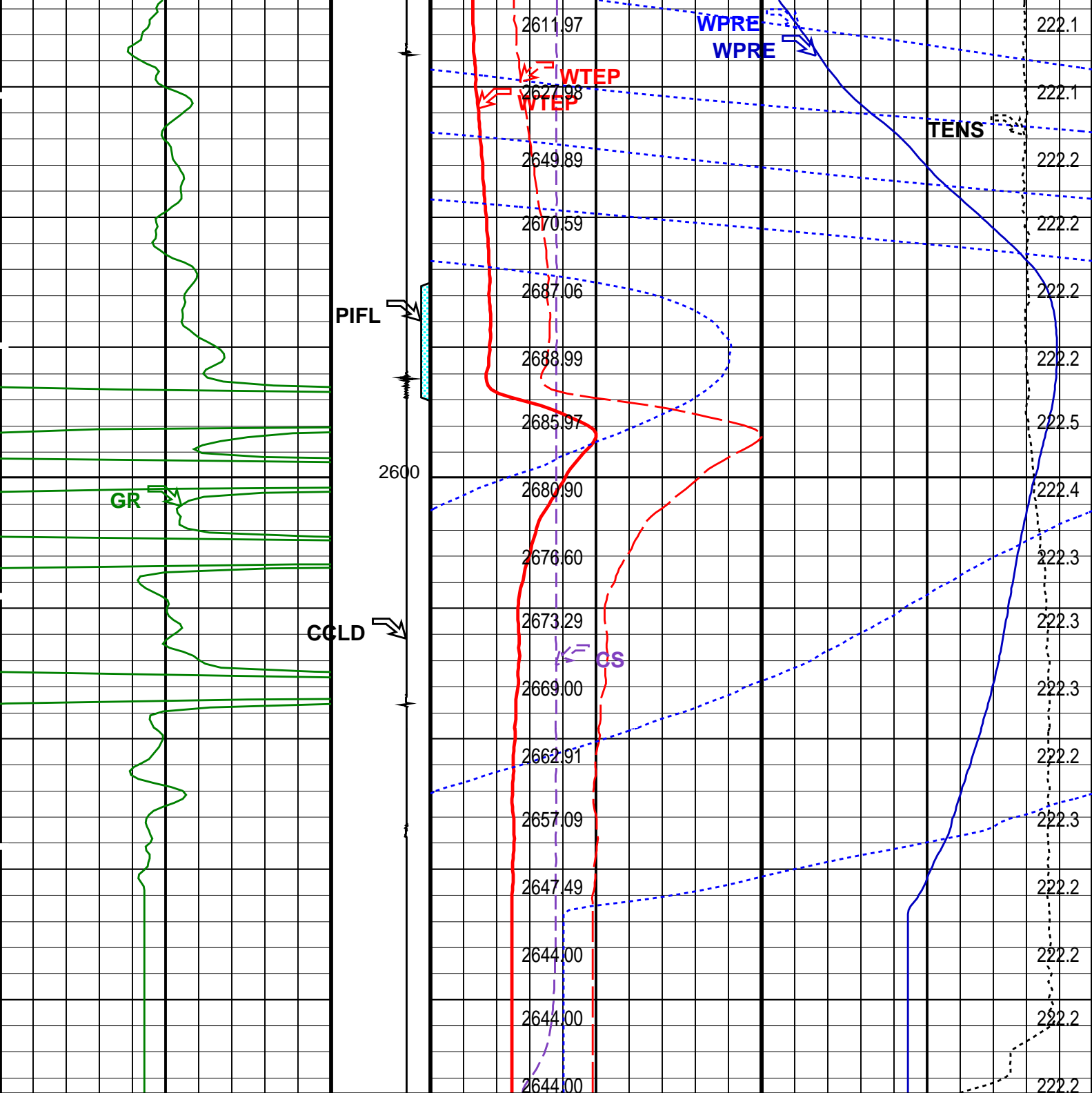
Time	Elapsed Time	Depth (M)	File
Log Pass (down)	13-Nov-2007 21:03	000:06	28.0 - 142.6 RST_PSP_041LDP
Station Log	13-Nov-2007 21:31	000:06	477.4 - 0.8 RST_PSP_043LTP
Log Pass (down)	13-Nov-2007 21:37	000:21	563.3 - 2620.7 RST_PSP_044LDP
Log Pass (up)	13-Nov-2007 21:59	000:06	2624.8 - 2569.0 RST_PSP_045LUP
Station Log	13-Nov-2007 22:13	001:36	2584.9 - 14.5 RST_PSP_050LTP
Log Pass (up)	13-Nov-2007 23:50	000:03	2621.7 - 2599.5 RST_PSP_051LUP
Station Log	14-Nov-2007 0:00	000:09	2612.2 - 1.4 RST_PSP_054LTP
Station Log	14-Nov-2007 0:11	000:06	2612.0 - 0.9 RST_PSP_055LTP
Station Log	14-Nov-2007 0:18	000:22	2612.0 - 3.4 RST_PSP_056LTP
Station Log	14-Nov-2007 0:57	000:11	2607.0 - 1.6 RST_PSP_058LTP
Station Log	14-Nov-2007 1:09	000:06	2607.0 - 1.0 RST_PSP_059LTP
Station Log	14-Nov-2007 1:17	000:19	2607.0 - 2.8 RST_PSP_060LTP
Station Log	14-Nov-2007 1:28	000:11	2604.0 - 1.7 RST_PSP_061LTP

Station Log	14-Nov-2007 1:38 000:11 2604.0 - 1.7 RST_PSP_061LTP
Station Log	14-Nov-2007 1:51 000:07 2604.0 - 1.0 RST_PSP_062LTP
Station Log	14-Nov-2007 2:00 000:24 2604.0 - 3.6 RST_PSP_063LTP
Station Log	14-Nov-2007 2:26 000:12 2601.5 - 1.8 RST_PSP_064LTP
Station Log	14-Nov-2007 2:40 000:06 2601.5 - 1.0 RST_PSP_065LTP
Station Log	14-Nov-2007 2:48 000:21 2601.5 - 3.1 RST_PSP_066LTP
Log Pass (up)	14-Nov-2007 3:11 000:07 2623.7 - 2568.2 RST_PSP_067LUP
Station Log	14-Nov-2007 3:19 000:11 2584.9 - 1.7 RST_PSP_068LTP
Log Pass (up)	14-Nov-2007 3:37 000:12 2624.8 - 2226.3 RST_PSP_070LUP

Client: Esso Australia Pty Ltd.  
Field Name: West Kingfish  
Well Name: W-19A  
Date: 13-Nov-2007

Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	WFL-On Time (sec)	WFL-Off Time (sec)	Num Cycles	Flow Detected (m/min)	Signal Truncat (m/min)	Velocity (-)	Velocity Error (-)	FlowRate Index	Holdup Index	Comment
042	RST-Near	454.8	454.6	0.80	52.27	5	Yes	AtStart	10.7	2.1	6.6	5.9	
042	RST-Far	454.8	454.4	0.80	52.27	5	Yes	AtStart	10.7	1.2	0.5	0.9	
042	PBMS-GR	454.8	450.2	0.80	52.27	5	Yes	None	11.8	0.1	0.1	9.5	
043	RST-Near	529.2	529.0	0.80	52.27	6	Yes	AtStart	11.4	0.7	5.8	5.6	
043	RST-Far	529.2	528.8	0.80	52.27	6	Yes	AtStart	10.7	0.7	1.3	2.5	
043	PBMS-GR	529.2	524.6	0.80	52.27	6	Yes	AtStart	10.1	52.6	5.4	18.5	
054	RST-Near	2608.4	2608.2	0.80	52.27	10	No	None	---	---	---	---	
054	RST-Far	2608.4	2608.0	0.80	52.27	10	No	None	---	---	---	---	
054	PBMS-GR	2608.4	2603.8	0.80	52.27	10	Unknown	None	13.2	13.2	0.0	0.0	
055	RST-Near	2608.0	2607.8	0.07	29.87	12	No	None	---	---	---	---	
055	RST-Far	2608.0	2607.6	0.07	29.87	12	No	None	---	---	---	---	
055	PBMS-GR	2608.0	2603.4	0.07	29.87	12	No	AtStart	---	---	---	---	
056	RST-Near	2608.0	2607.8	10.00	90.67	13	Unknown	None	0.3	0.2	0.0	0.5	
056	RST-Far	2608.0	2607.6	10.00	90.67	13	Unknown	None	0.5	0.4	0.0	1.1	
056	PBMS-GR	2608.0	2603.4	10.00	90.67	13	No	None	---	2.0	---	---	
058	RST-Near	2603.2	2603.0	0.80	52.27	12	No	None	---	---	---	---	
058	RST-Far	2603.2	2602.8	0.80	52.27	12	No	None	---	---	---	---	
058	PBMS-GR	2603.2	2598.6	0.80	52.27	12	No	None	---	---	---	---	
059	RST-Near	2603.2	2603.0	0.07	29.87	12	No	None	---	---	---	---	
059	RST-Far	2603.2	2602.8	0.07	29.87	12	No	None	---	---	---	---	
059	PBMS-GR	2603.2	2598.6	0.07	29.87	12	No	None	---	---	---	---	
060	RST-Near	2603.2	2603.0	10.00	90.67	11	Unknown	None	0.4	0.1	0.0	0.8	
060	RST-Far	2603.2	2602.8	10.00	90.67	11	Unknown	None	0.9	0.5	0.0	1.3	
060	PBMS-GR	2603.2	2598.6	10.00	90.67	11	No	None	---	---	---	---	
061	RST-Near	2600.0	2599.8	0.80	52.27	12	Unknown	None	3.1	2.3	0.0	0.0	
061	RST-Far	2600.0	2599.6	0.80	52.27	12	No	None	---	---	---	---	
061	PBMS-GR	2600.0	2595.4	0.80	52.27	12	No	None	---	---	---	---	
062	RST-Near	2600.0	2599.8	0.07	29.87	13	No	None	---	---	---	---	
062	RST-Far	2600.0	2599.6	0.07	29.87	13	No	None	---	---	---	---	
062	PBMS-GR	2600.0	2595.4	0.07	29.87	13	No	None	---	---	---	---	
063	RST-Near	2600.0	2599.8	10.00	90.67	14	Unknown	None	0.3	0.2	0.0	0.9	
063	RST-Far	2600.0	2599.6	10.00	90.67	14	No	None	---	0.4	---	---	
063	PBMS-GR	2600.0	2595.4	10.00	90.67	14	No	None	---	---	---	---	
064	RST-Near	2597.6	2597.4	0.80	52.27	13	Yes	None	3.5	0.6	0.2	1.2	
064	RST-Far	2597.6	2597.2	0.80	52.27	13	Yes	None	4.1	0.5	1.7	8.1	
064	PBMS-GR	2597.6	2593.0	0.80	52.27	13	Unknown	None	10.6	6.8	0.6	4.2	
065	RST-Near	2597.6	2597.4	0.07	29.87	12	No	None	---	---	---	---	
065	RST-Far	2597.6	2597.2	0.07	29.87	12	Yes	None	3.7	0.8	0.0	3.4	
065	PBMS-GR	2597.6	2593.0	0.07	29.87	12	No	None	---	---	---	---	
066	RST-Near	2597.6	2597.4	10.00	90.67	12	Yes	AtStart	1.9	0.1	0.3	2.6	
066	RST-Far	2597.6	2597.2	10.00	90.67	12	Yes	AtStart	3.4	0.1	0.6	5.5	
066	PBMS-GR	2597.6	2593.0	10.00	90.67	12	Yes	None	8.9	0.5	0.3	12.4	






Gamma Ray (GR) (GAPI)	Discriminat ed CCL (CCLD) (V)	Cable Speed (CS) (F/HR)	Tension (TENS) (LBF)
0	3	0	0
150	-1	5000	2000

Perfo Zone From PERFO CURVE to D3T	Well Temperature (WTEP) (DEGF)
	220
	222

Well Pressure (WPRE) (PSIA)	Temperature (WTEP) (DEGF)
0	1




	Well Pressure (WPRE)	
2500	(PSIA)	2700
	Amplified Well Pressure (WPRE)	
0	(PSIA)	20

PIP SUMMARY		
 Time Mark Every 60 S		
Format: PSP_1	Vertical Scale: 1:200	Graphics File Created: 14-Nov-2007 03:34

OP System Version: 14C0-302			
MCM			
RST-C	14C0-302	PSPT-B	14C0-302

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

Input DLIS Files						
DEFAULT	RST_PSP_067LUP	FN:66	PRODUCER	14-Nov-2007 03:11	2623.7 M	2568.2 M
Output DLIS Files						
DEFAULT	RST_PSP_069PUP	FN:68	PRODUCER	14-Nov-2007 03:34		



Water Flow Log @  
2597.5m MDKB ( Minitron Depth )

MAXIS Field Log

RST WFL Station Summary

14-Nov-2007 02:47

Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
065	RST-Far	2597.6	2597.2	Yes	3.7	0.8

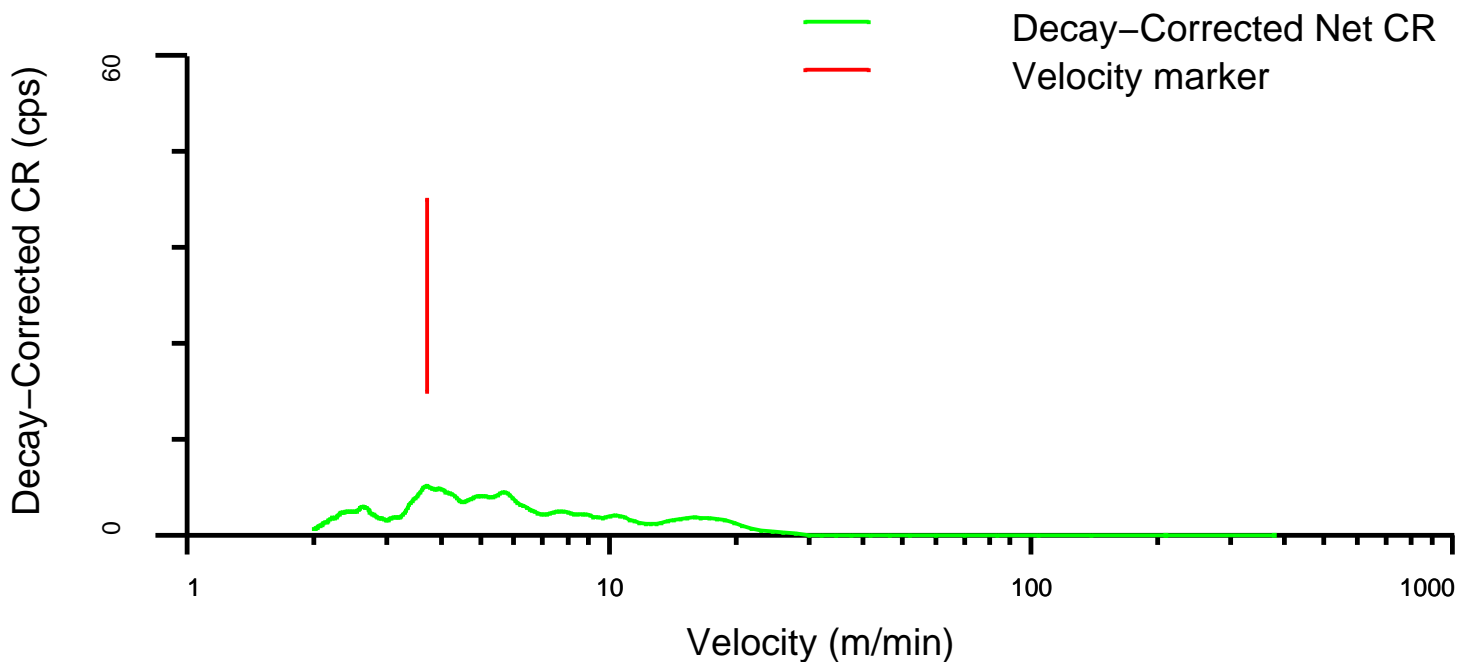
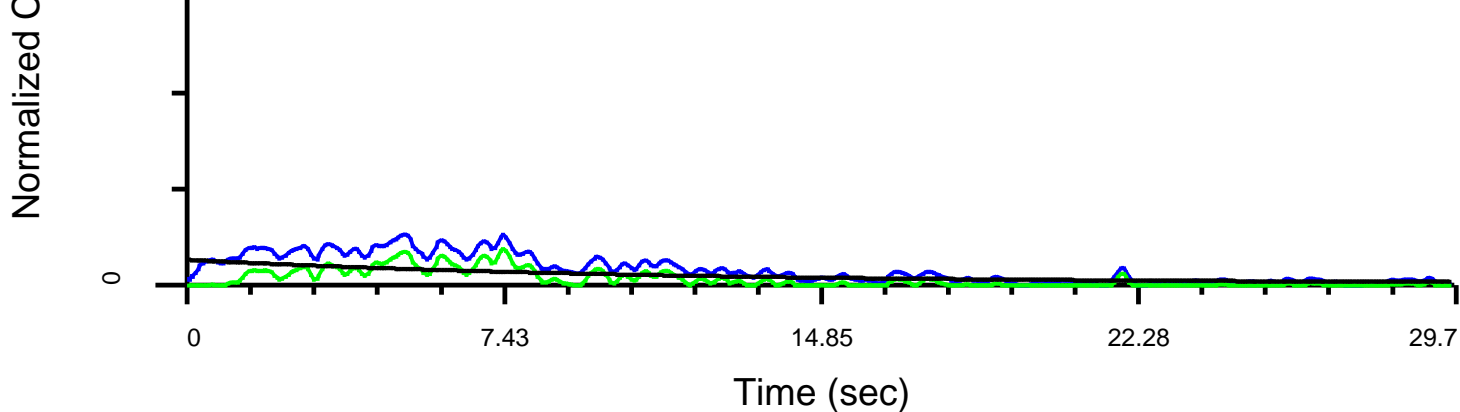
Data Acquired on: 14-Nov-2007 02:40  
Detector is above Minitron (sensitive to Up Flow)  
WFL Subcycle Time: 0.07 sec On – 29.87 sec Off  
Number of WFL Cycles: 12

60

Measured CR

Net CR

Background CR



## RST WFL Station Summary

14-Nov-2007 02:38

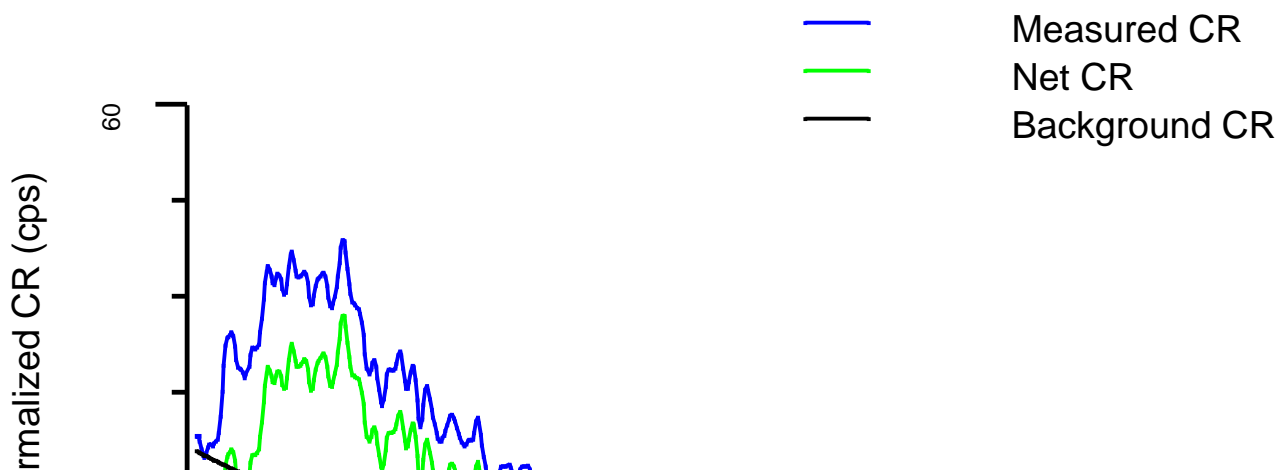
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
064	RST-Far	2597.6	2597.2	Yes	4.1	0.5

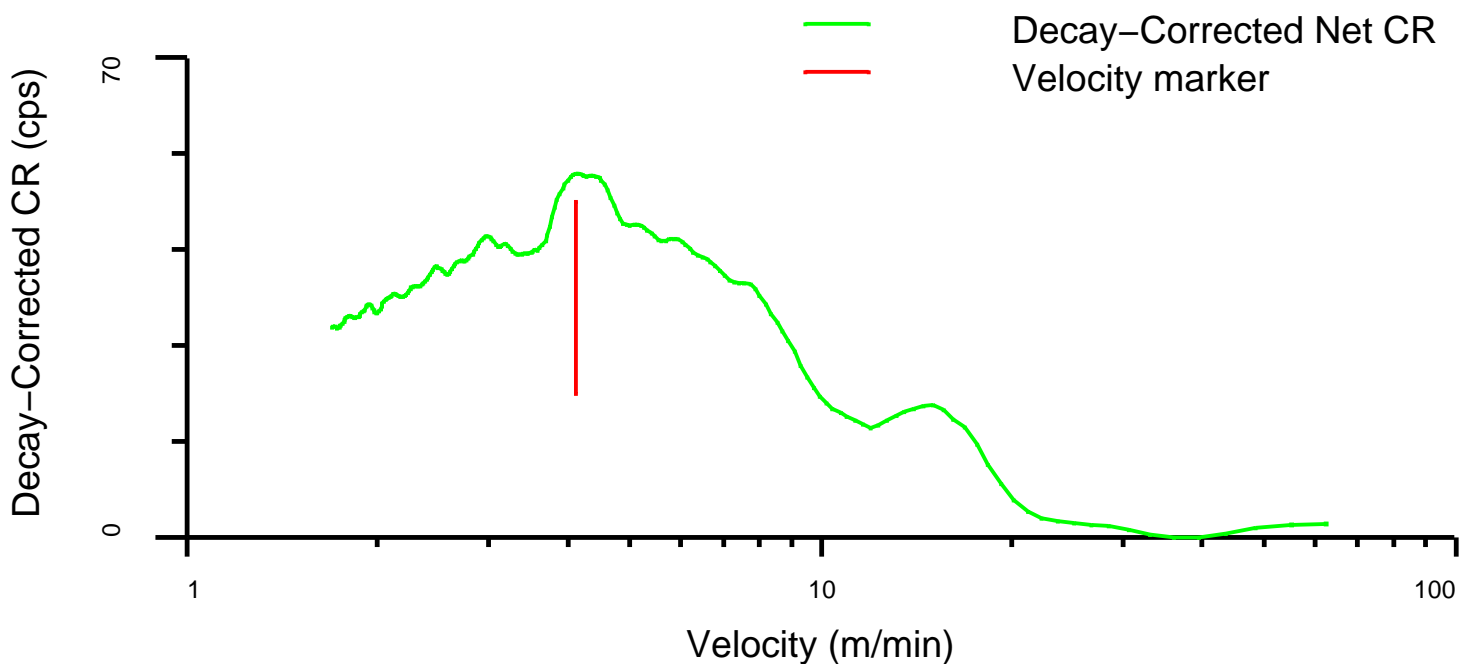
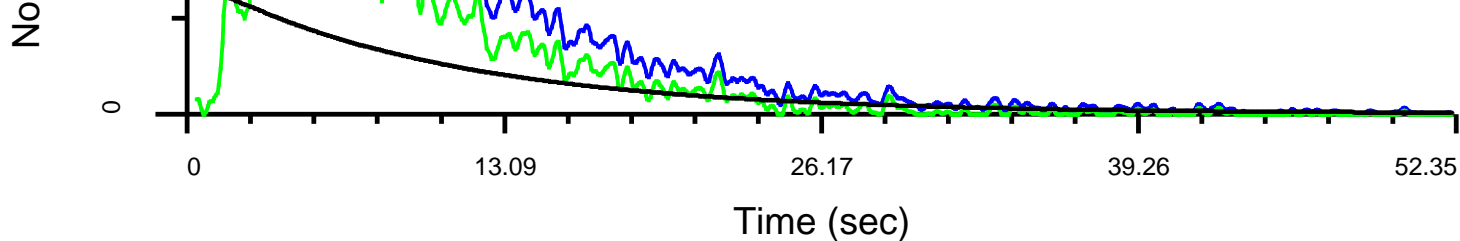
Data Acquired on: 14-Nov-2007 02:26

Detector is above Minitrone (sensitive to Up Flow)

WFL Subcycle Time: 0.80 sec On - 52.27 sec Off

Number of WFL Cycles: 13





## RST WFL Station Summary

14-Nov-2007 03:09

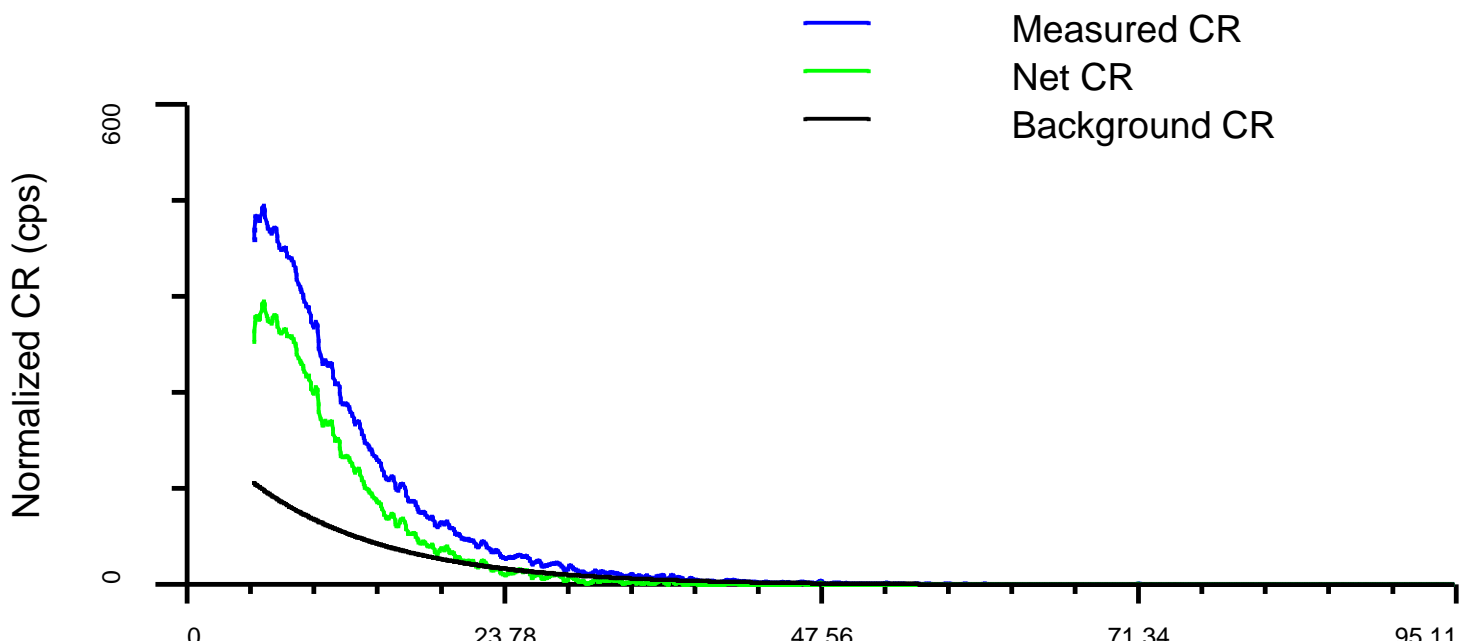
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
066	RST-Far	2597.6	2597.2	Yes	3.4	0.1

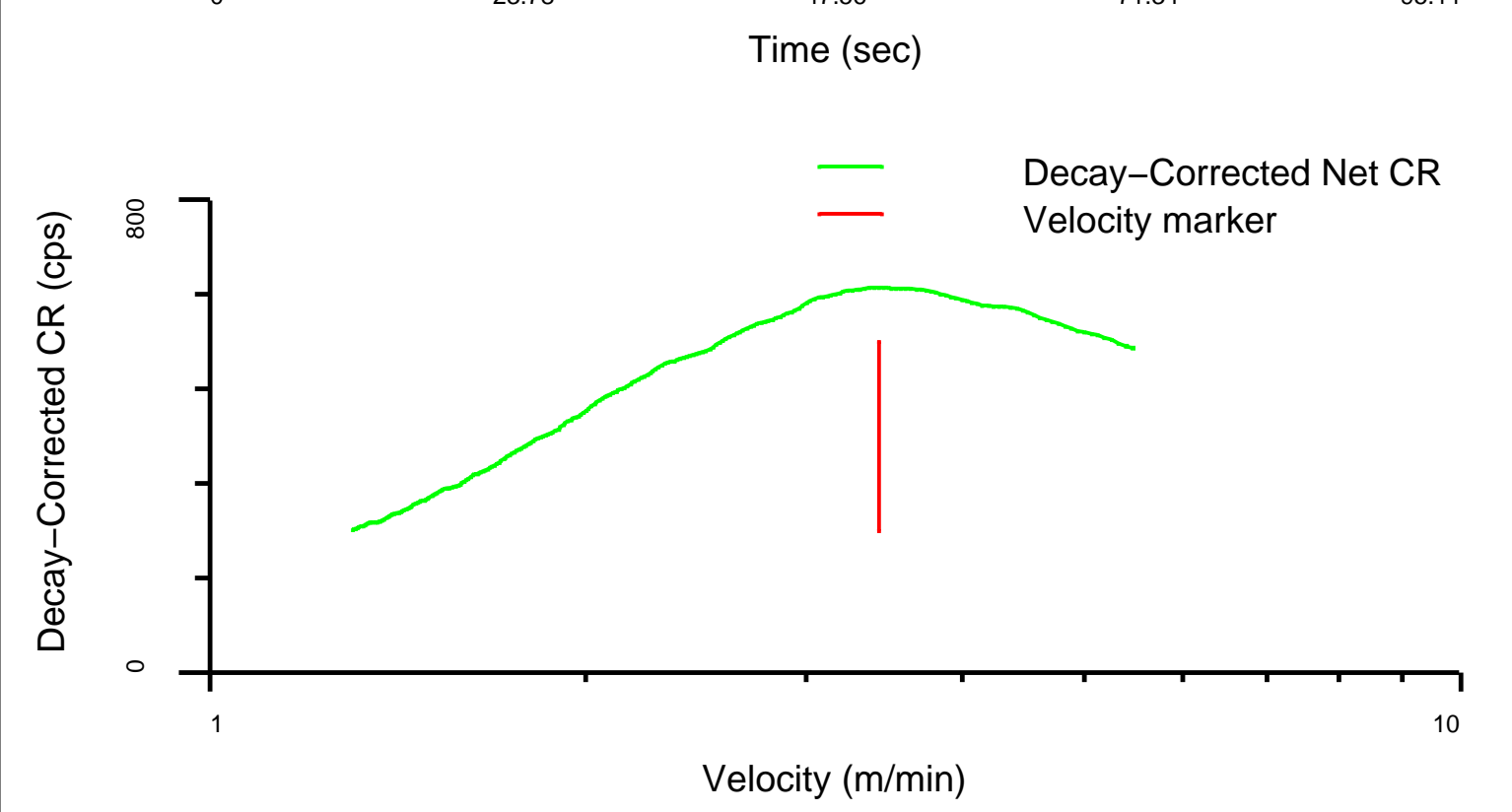
Data Acquired on: 14-Nov-2007 02:48

Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 10.00 sec On - 90.67 sec Off

Number of WFL Cycles: 12





Schlumberger

Water Flow Log @  
2600m MDKB ( Minitron Depth )

MAXIS Field Log

RST WFL Station Summary

14-Nov-2007 01:58

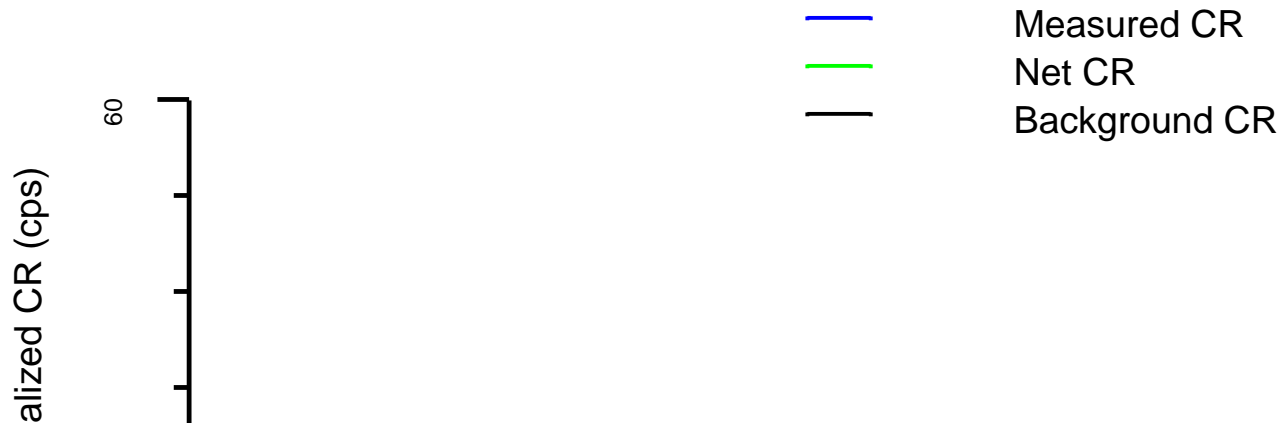
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
062	RST-Far	2600.0	2599.6	No	---	---

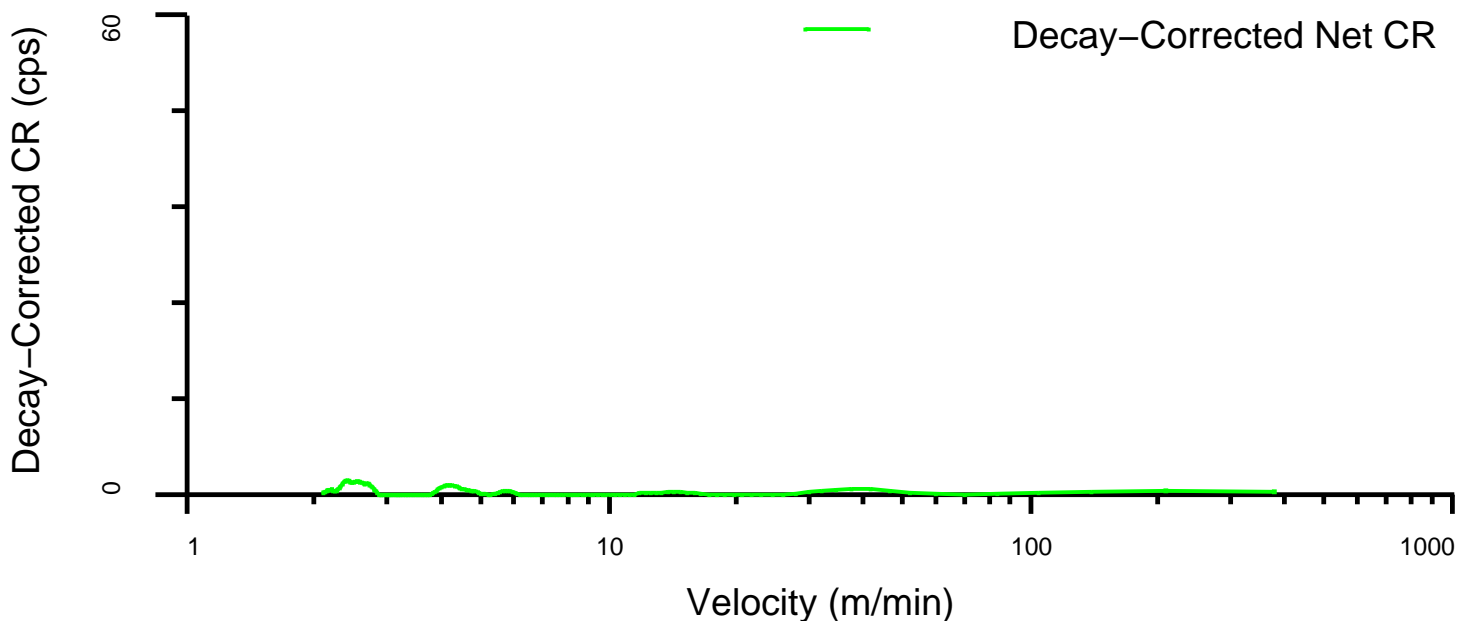
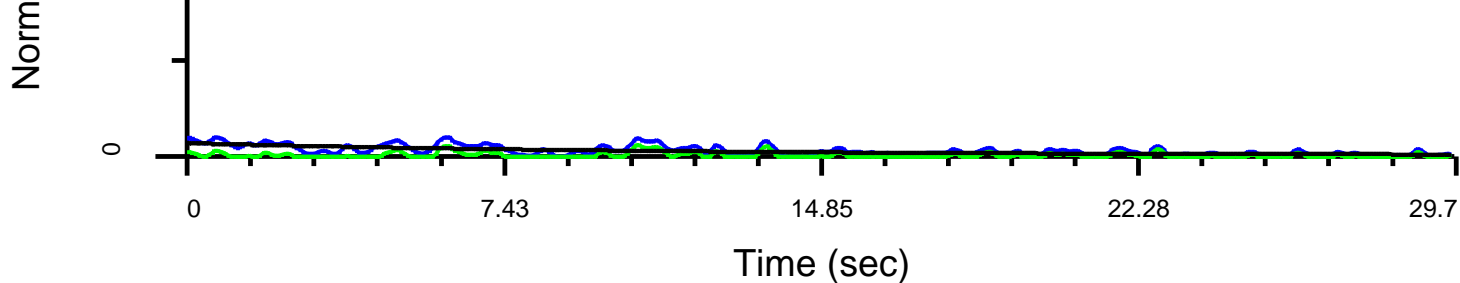
Data Acquired on: 14-Nov-2007 01:51

Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 0.07 sec On - 29.87 sec Off

Number of WFL Cycles: 13





## RST WFL Station Summary

14-Nov-2007 01:49

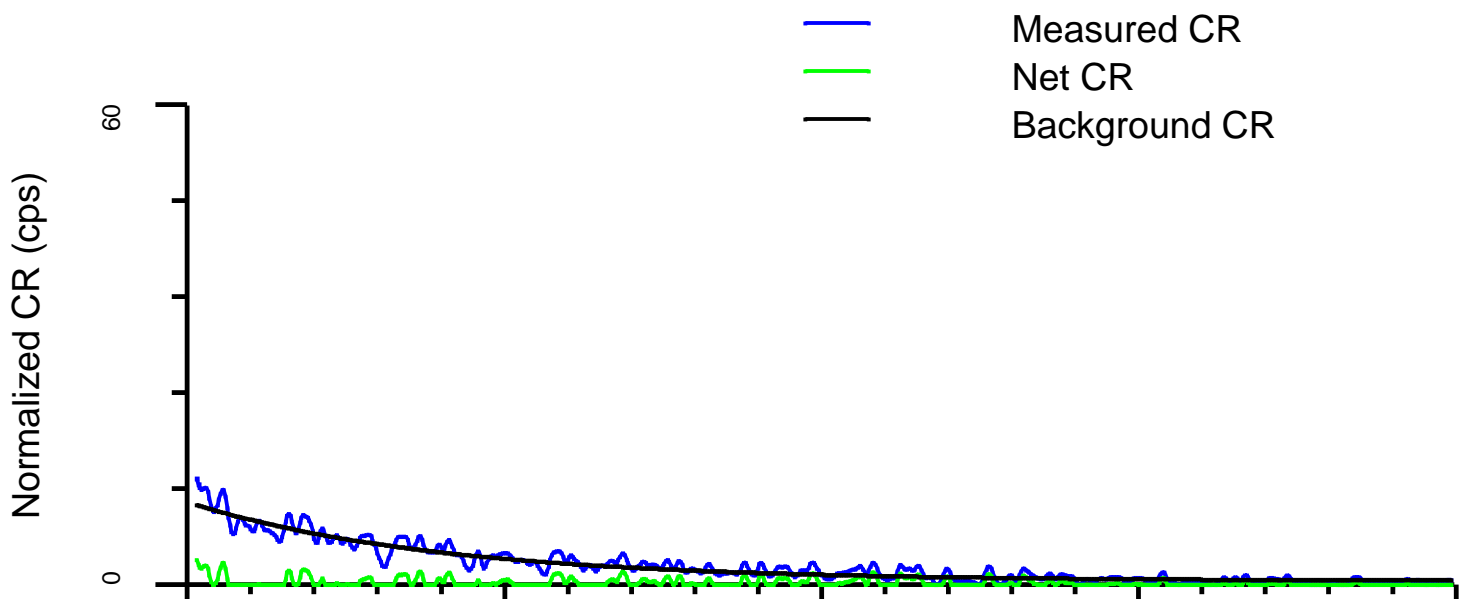
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
061	RST-Far	2600.0	2599.6	No	---	---

Data Acquired on: 14-Nov-2007 01:38

Detector is above Minitrone (sensitive to Up Flow)

WFL Subcycle Time: 0.80 sec On - 52.27 sec Off

Number of WFL Cycles: 12



0

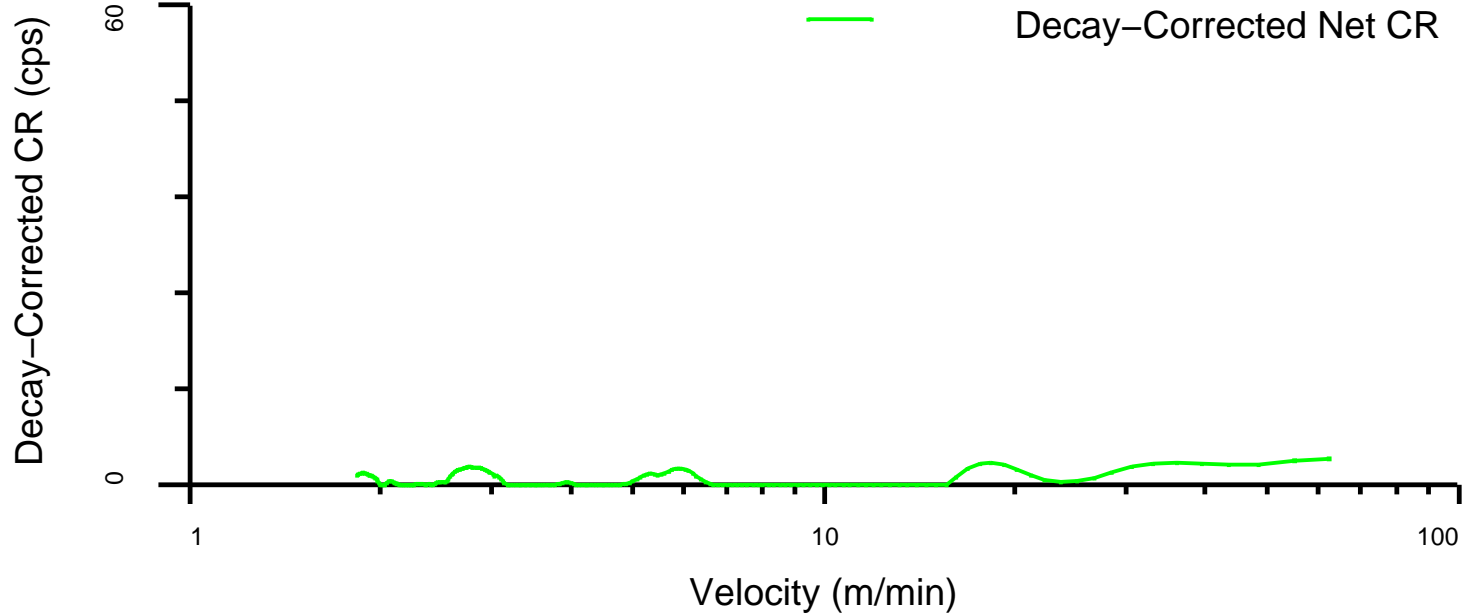
13.09

26.17

39.26

52.35

Time (sec)



## RST WFL Station Summary

14-Nov-2007 02:24

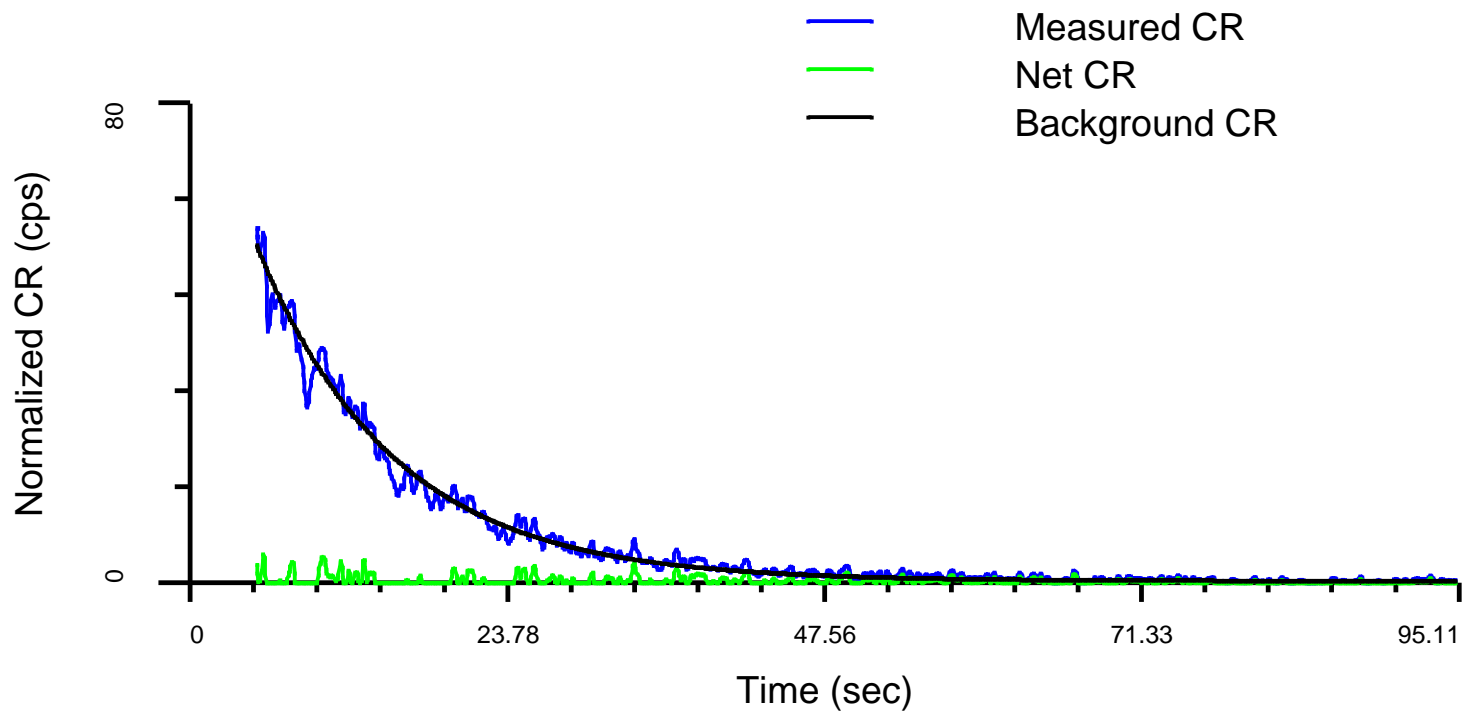
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
063	RST-Far	2600.0	2599.6	No	---	0.4

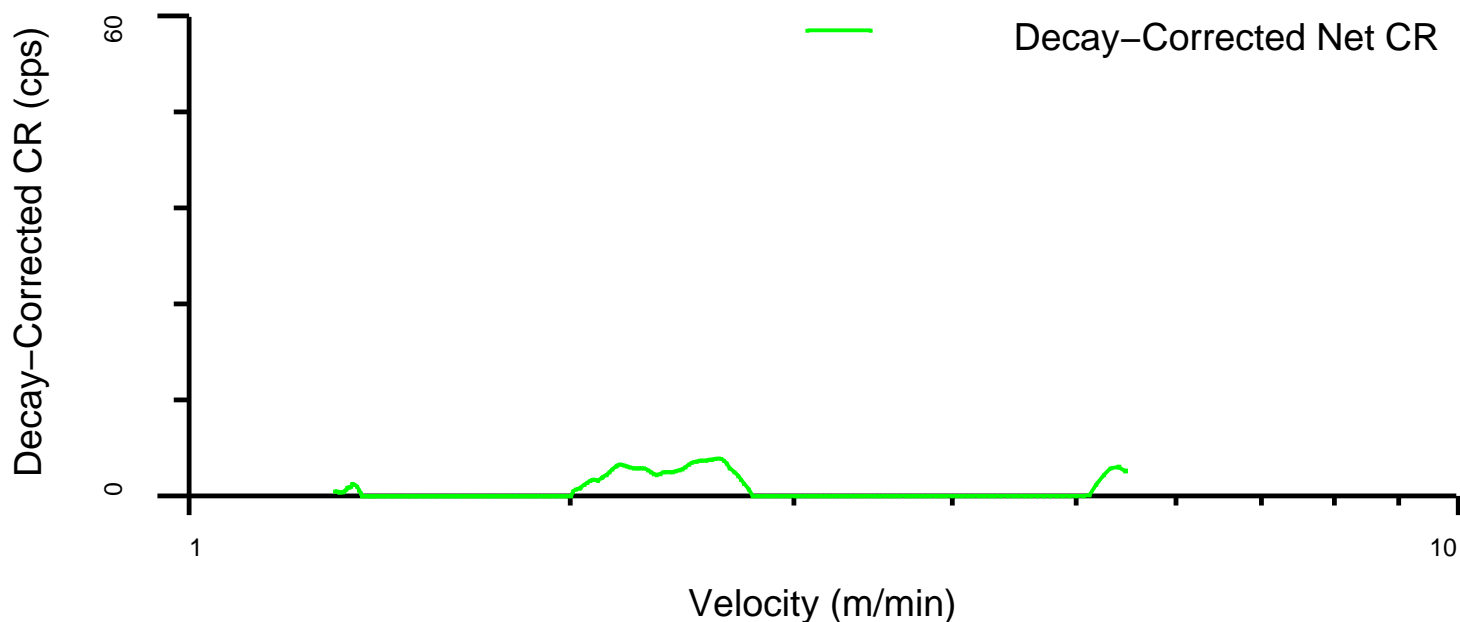
Data Acquired on: 14-Nov-2007 02:00

Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 10.00 sec On – 90.67 sec Off

Number of WFL Cycles: 14





**Schlumberger**

Water Flow Log @  
2603m MDKB ( Minitron Depth )

MAXIS Field Log

**RST WFL Station Summary**

**14-Nov-2007 01:16**

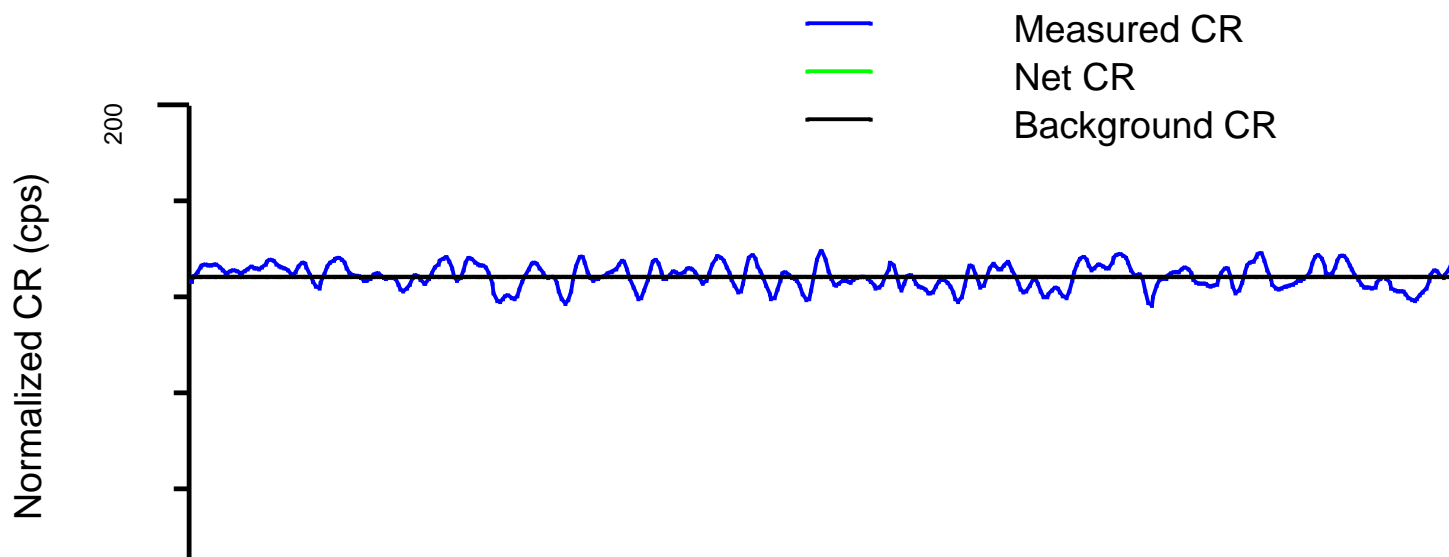
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
059	PBMS-GR	2603.2	2598.6	No	---	---

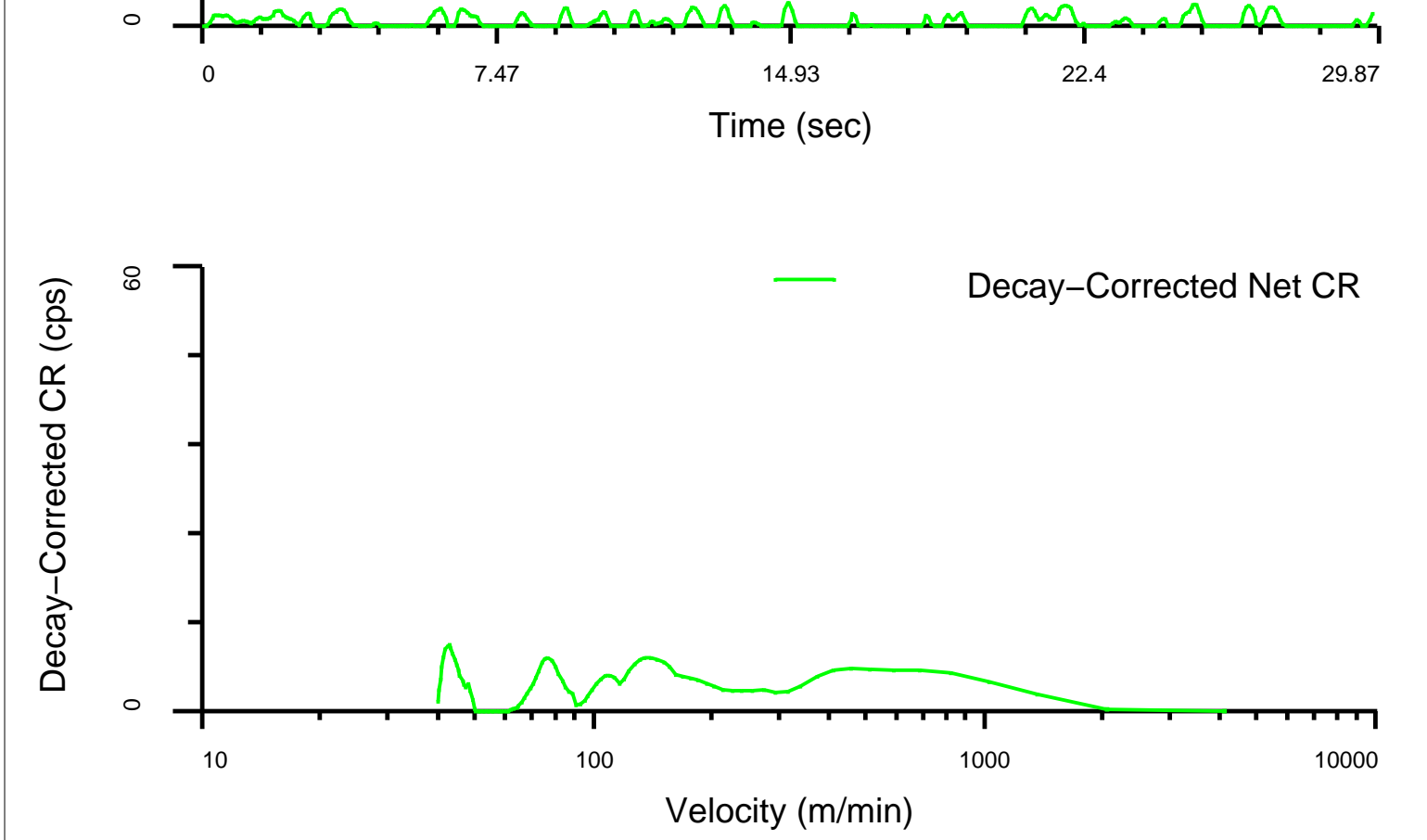
Data Acquired on: 14-Nov-2007 01:09

Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 0.07 sec On - 29.87 sec Off

Number of WFL Cycles: 12





## RST WFL Station Summary

14-Nov-2007 01:08

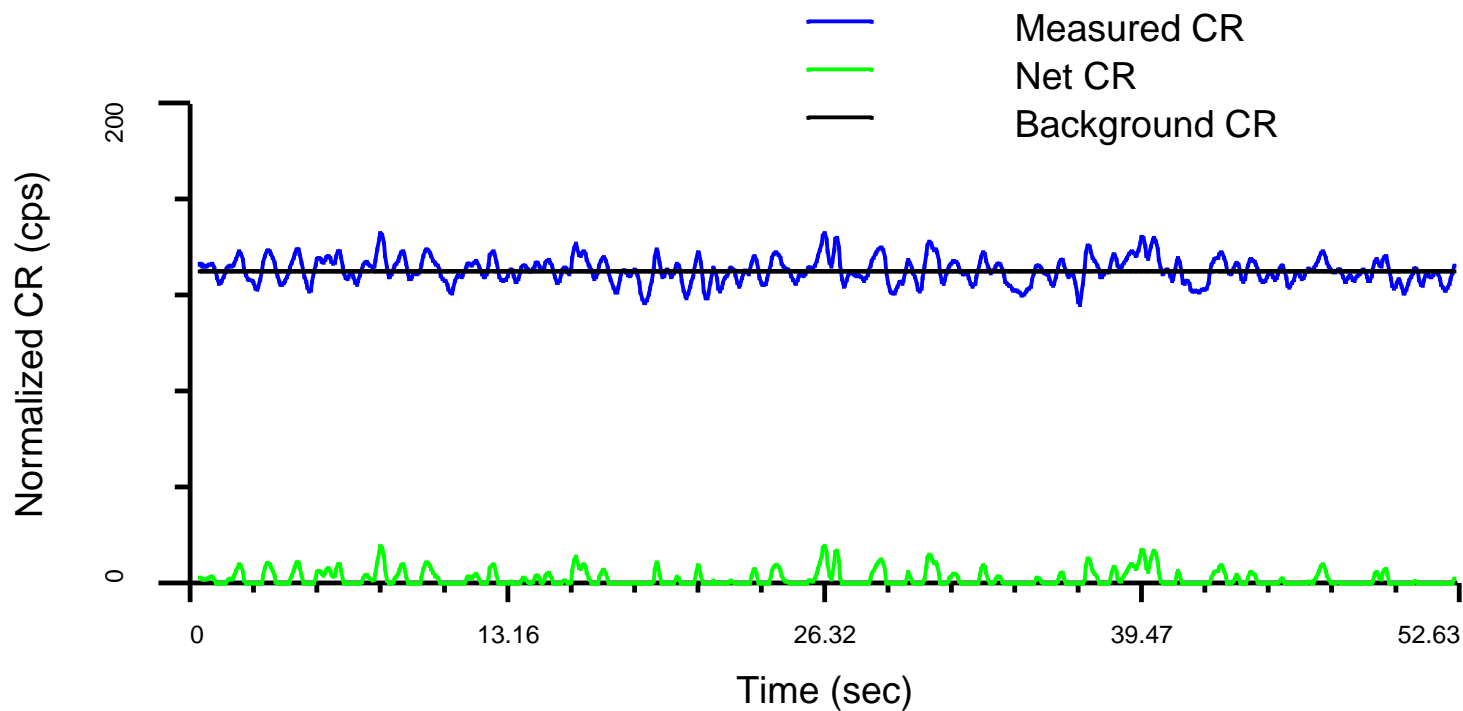
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
058	PBMS-GR	2603.2	2598.6	No	---	---

Data Acquired on: 14-Nov-2007 00:57

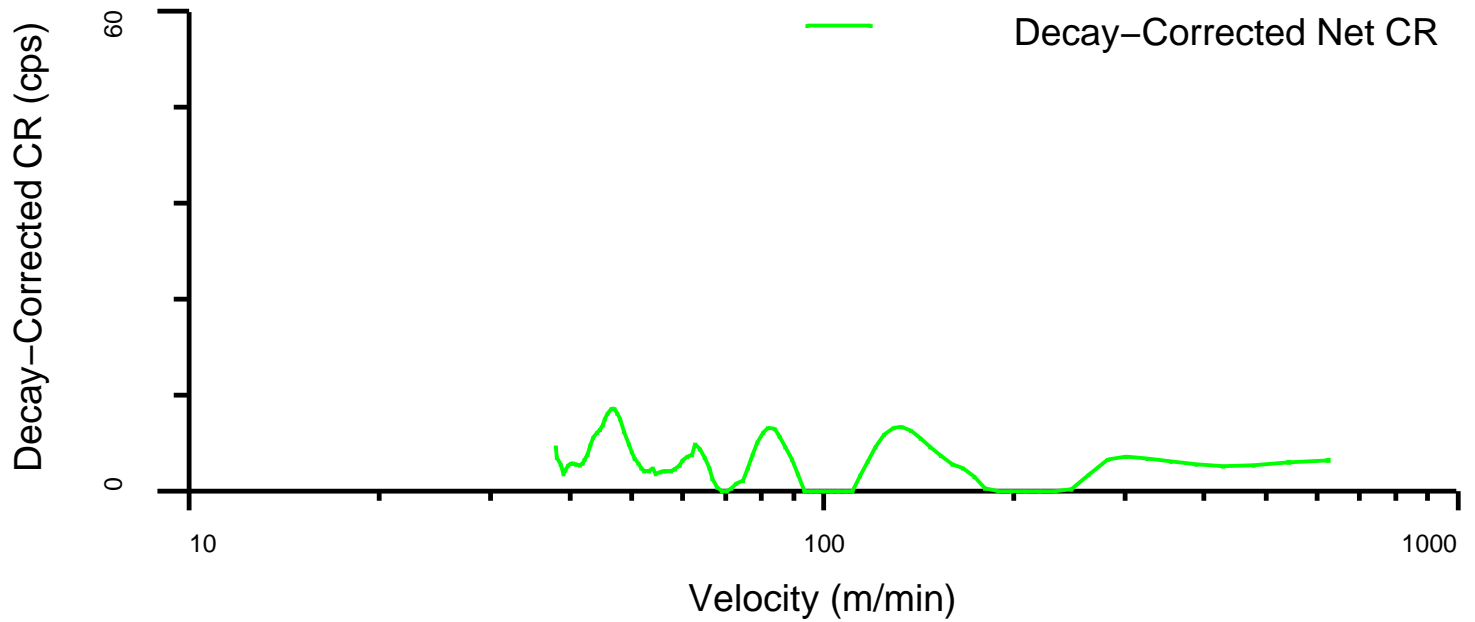
Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 0.80 sec On - 52.27 sec Off

Number of WFL Cycles: 12







## RST WFL Station Summary

14-Nov-2007 01:36

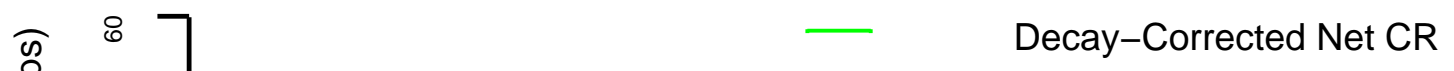
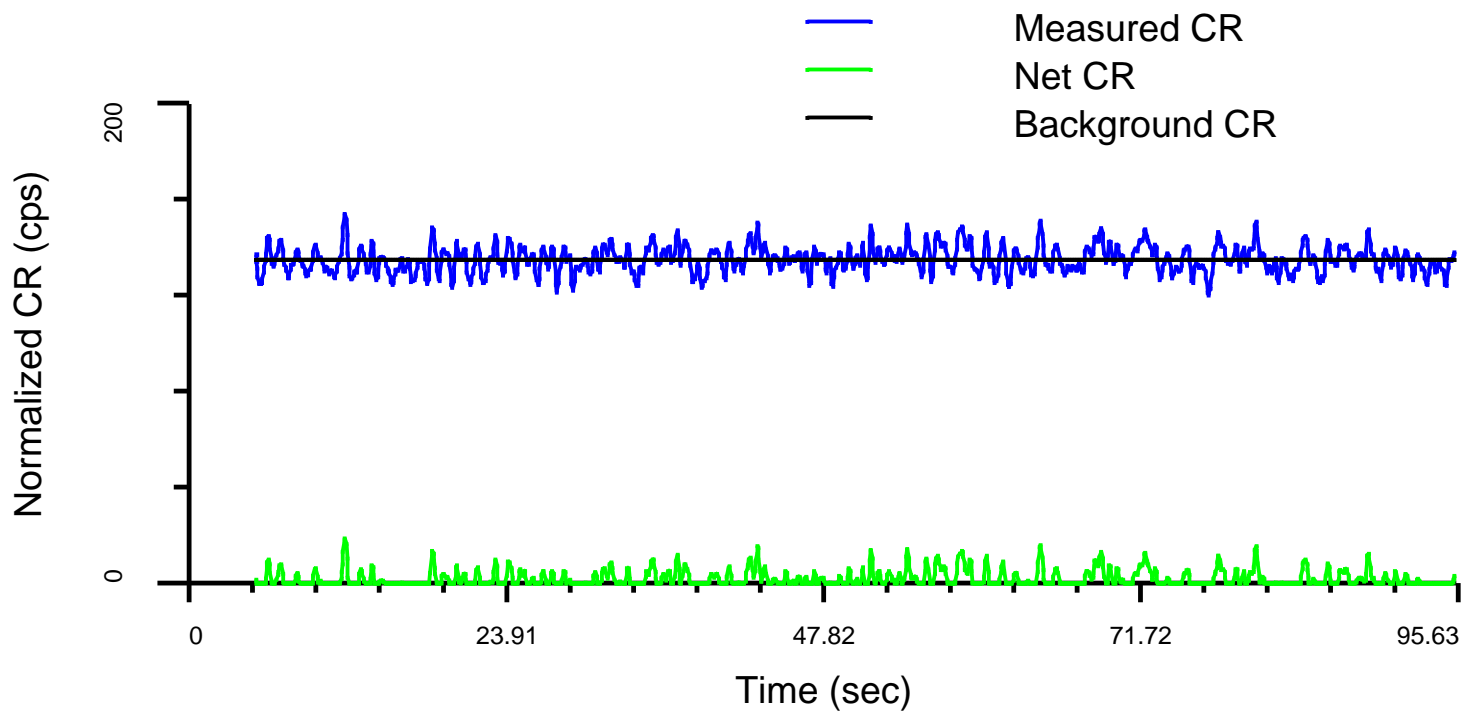
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
060	PBMS-GR	2603.2	2598.6	No	---	---

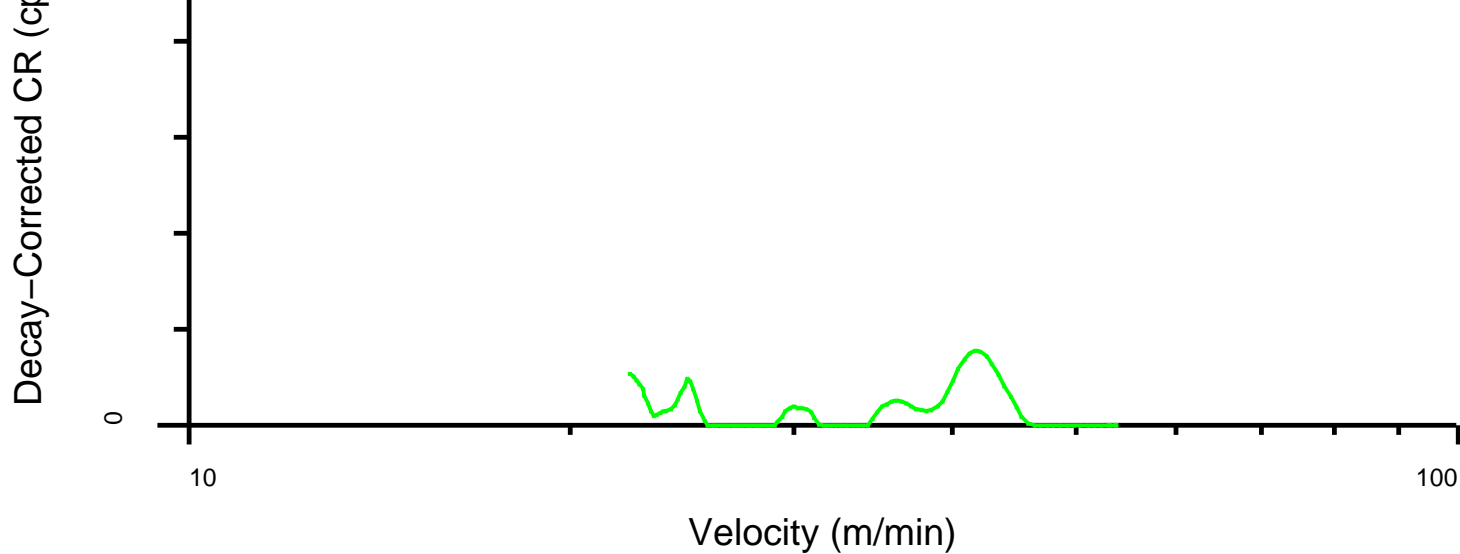
Data Acquired on: 14-Nov-2007 01:17

Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 10.00 sec On – 90.67 sec Off

Number of WFL Cycles: 11





**Schlumberger**

## Water Flow Log @ 2608m MDKB ( Minitron Depth )

MAXIS Field Log

### RST WFL Station Summary

14-Nov-2007 00:17

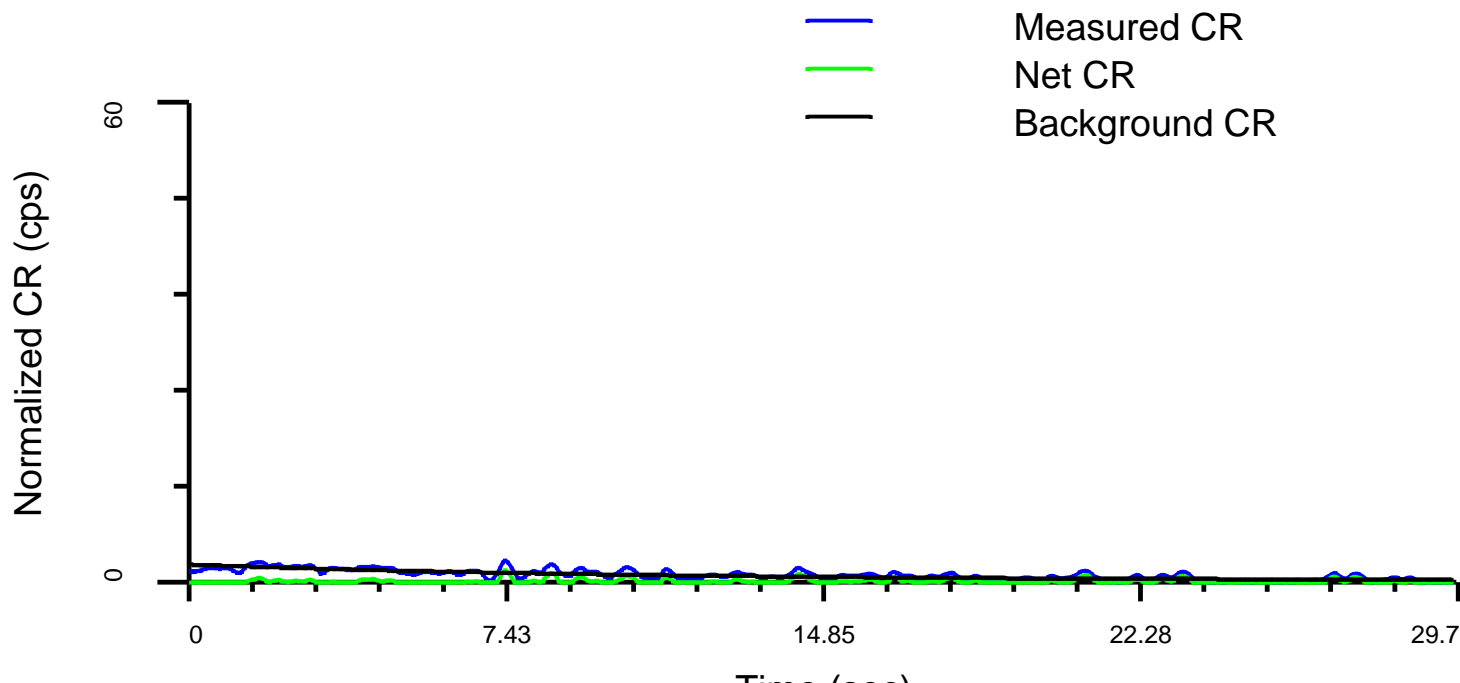
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
055	RST-Far	2608.0	2607.6	No	---	---

Data Acquired on: 14-Nov-2007 00:11

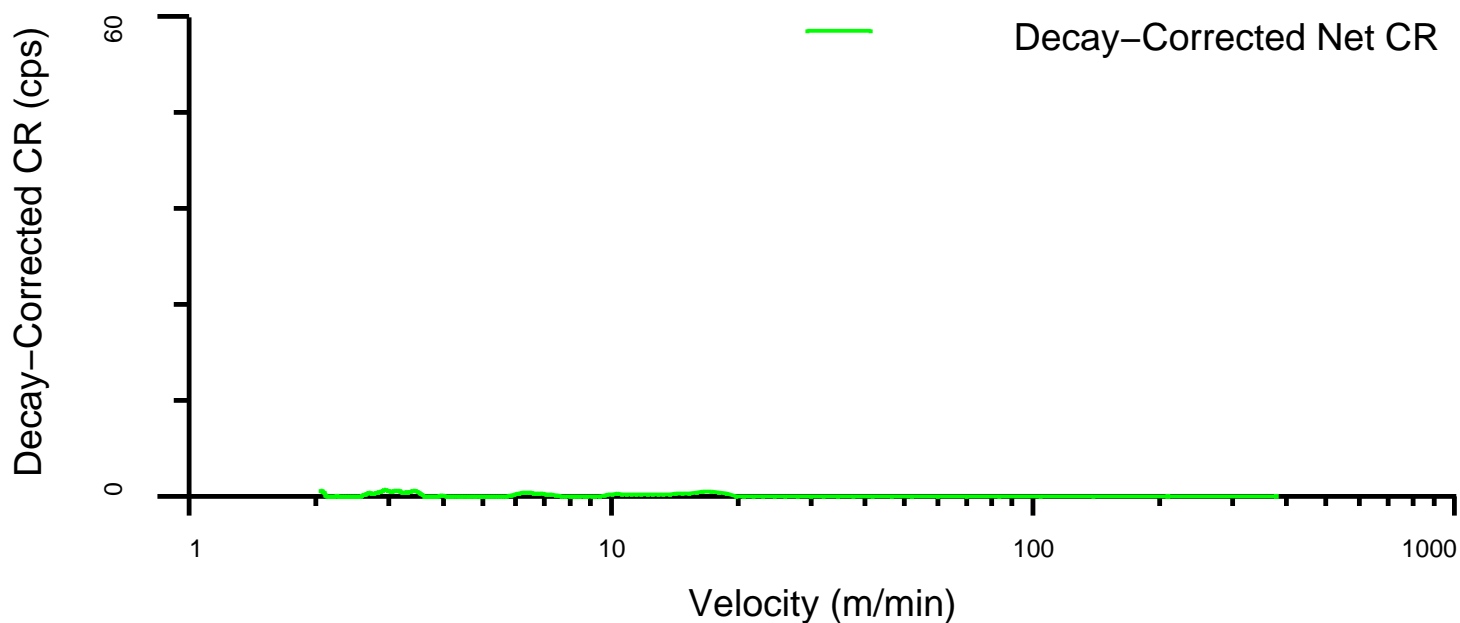
Detector is above Minitron (sensitive to Up Flow)

WFL Subcycle Time: 0.07 sec On - 29.87 sec Off

Number of WFL Cycles: 12



Time (sec)



## RST WFL Station Summary

14-Nov-2007 00:09

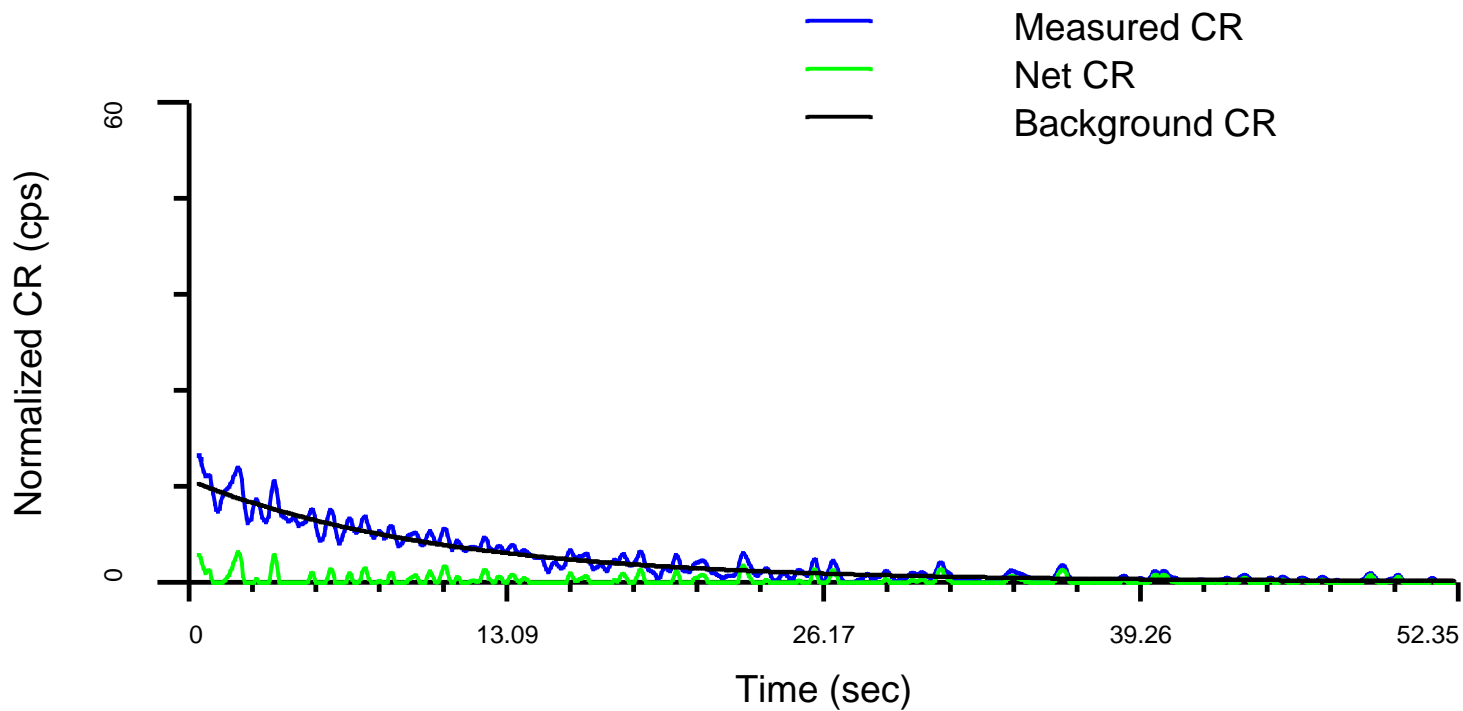
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
054	RST-Far	2608.4	2608.0	No	---	---

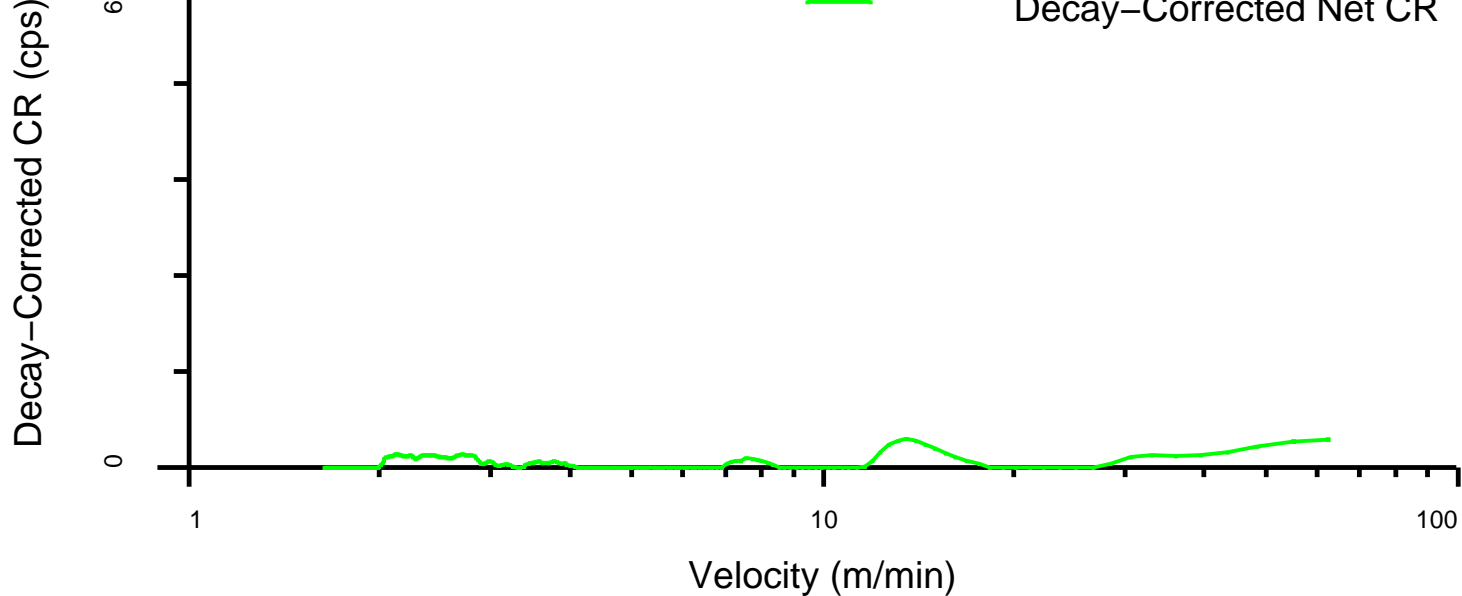
Data Acquired on: 14-Nov-2007 00:00

Detector is above Minitrone (sensitive to Up Flow)

WFL Subcycle Time: 0.80 sec On - 52.27 sec Off

Number of WFL Cycles: 10





## RST WFL Station Summary

14-Nov-2007 00:41

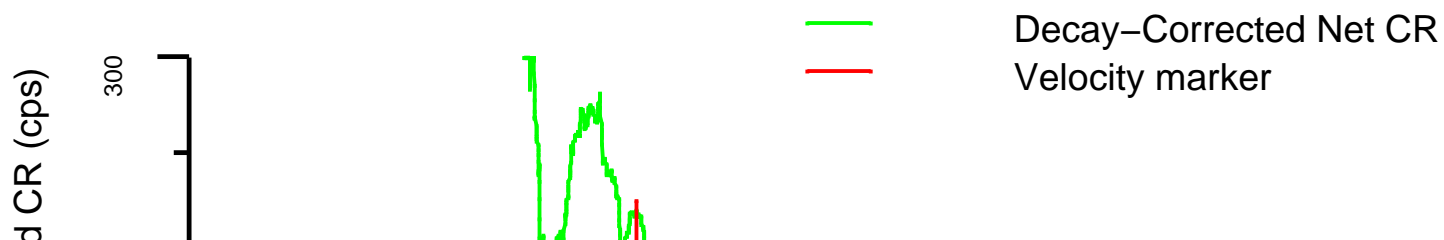
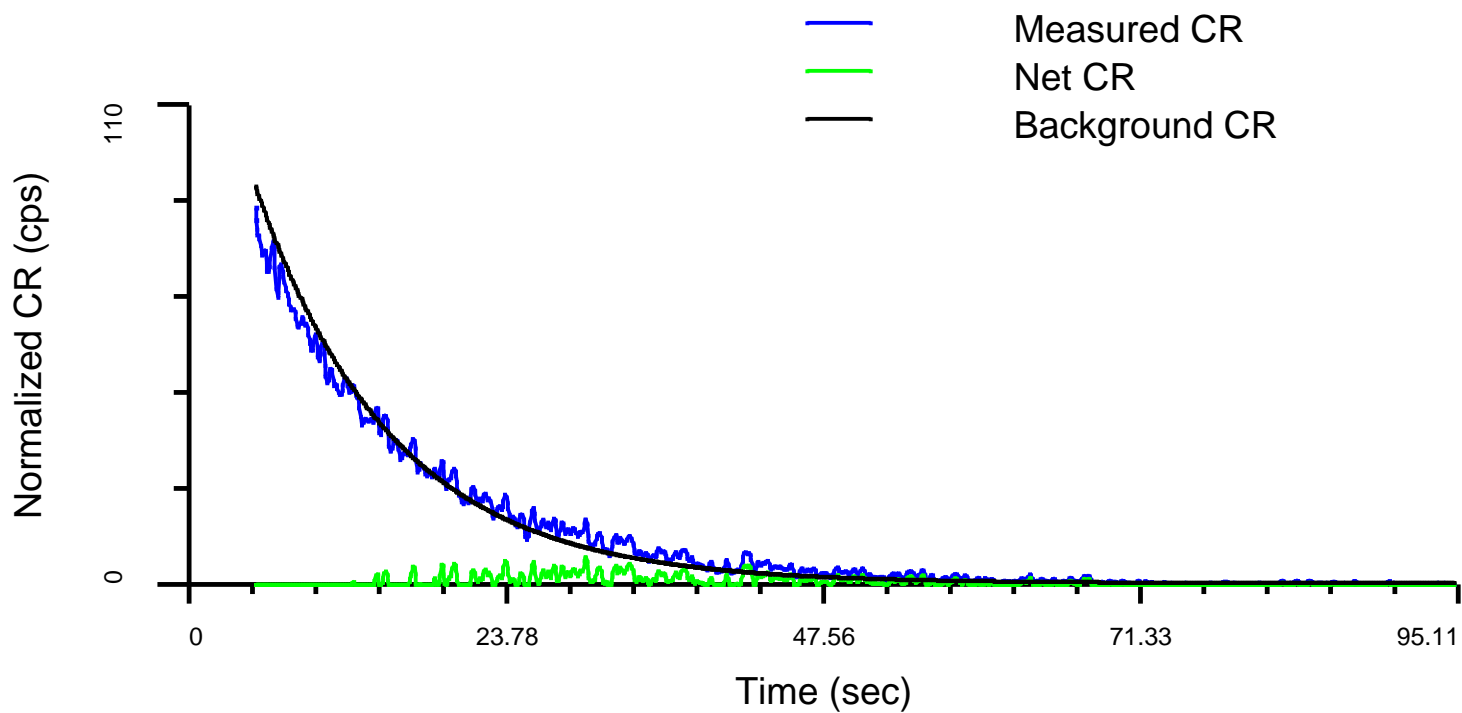
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
056	RST-Far	2608.0	2607.6	Unknown	0.5	0.4

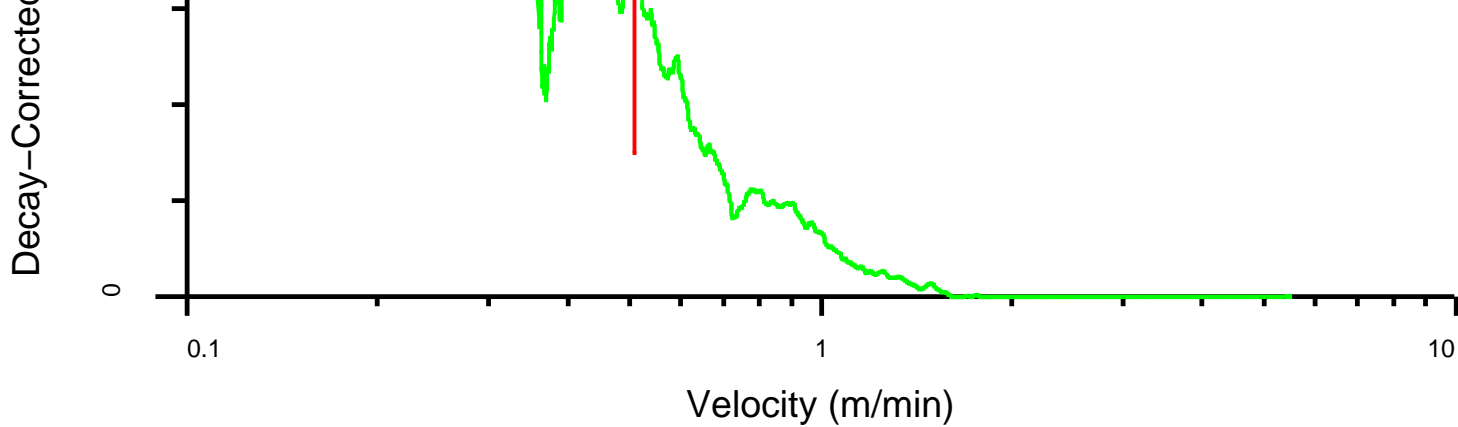
Data Acquired on: 14-Nov-2007 00:18

Detector is above Minitrone (sensitive to Up Flow)

WFL Subcycle Time: 10.00 sec On - 90.67 sec Off

Number of WFL Cycles: 13

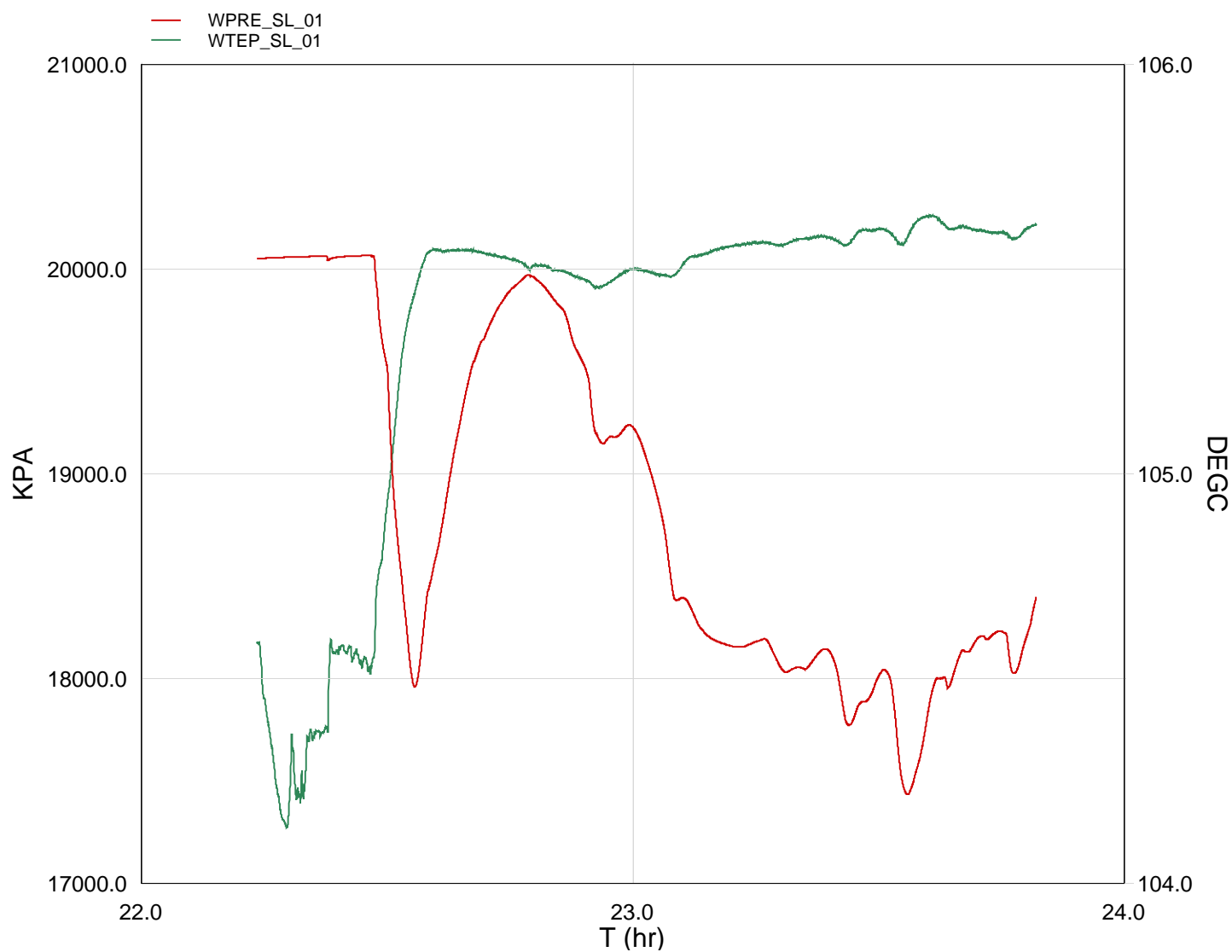





**Schlumberger**

Flow the Well  
Station @ 2585m MDKB

MAXIS Field Log



TIME	TOJ	WTEP_SL	WPRE_SL
3840.0000	22.2129	220.0461	2905.4696
4080.0000	22.2998	219.5135	2909.2831
4320.0000	22.3665	219.8599	2909.9570
4560.0000	22.4331	220.2127	2910.1339
4800.0000	22.4998	220.8750	2831.5718
5040.0000	22.5665	221.8810	2622.0223
5280.0000	22.6331	221.9819	2765.1940
5520.0000	22.6998	221.9692	2853.9815
5760.0000	22.7665	221.9371	2890.8838
6000.0000	22.8331	221.9007	2882.2423
6240.0000	22.8998	221.8566	2833.5084
6480.0000	22.9665	221.8645	2782.0756
6720.0000	23.0331	221.8880	2760.1818
6960.0000	23.0998	221.9155	2668.0389
7200.0000	23.1665	221.9859	2637.8510
7440.0000	23.2331	222.0116	2634.4463
7680.0000	23.2998	222.0057	2619.1576
7920.0000	23.3665	222.0398	2623.7681
8160.0000	23.4331	222.0033	2580.5008
8400.0000	23.4998	222.0779	2612.4889
8640.0000	23.5665	222.0752	2533.4116
8880.0000	23.6331	222.0978	2611.8720
9120.0000	23.6998	222.0753	2638.4932
9360.0000	23.7665	222.0432	2624.1249



Gamma-Ray  
Correlation Pass

MAXIS Field Log

Company: Esso Australia Pty Ltd.

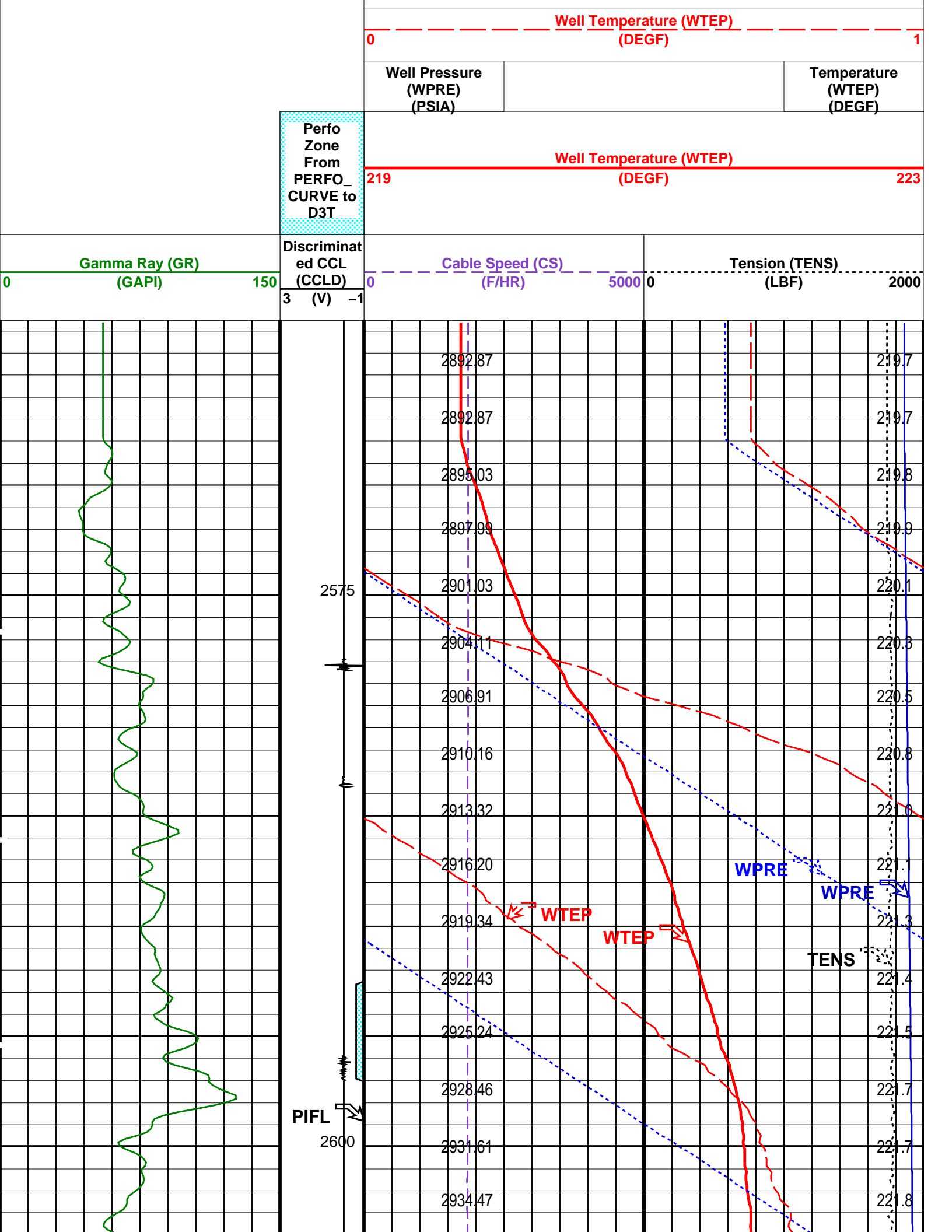
Well: W-19A

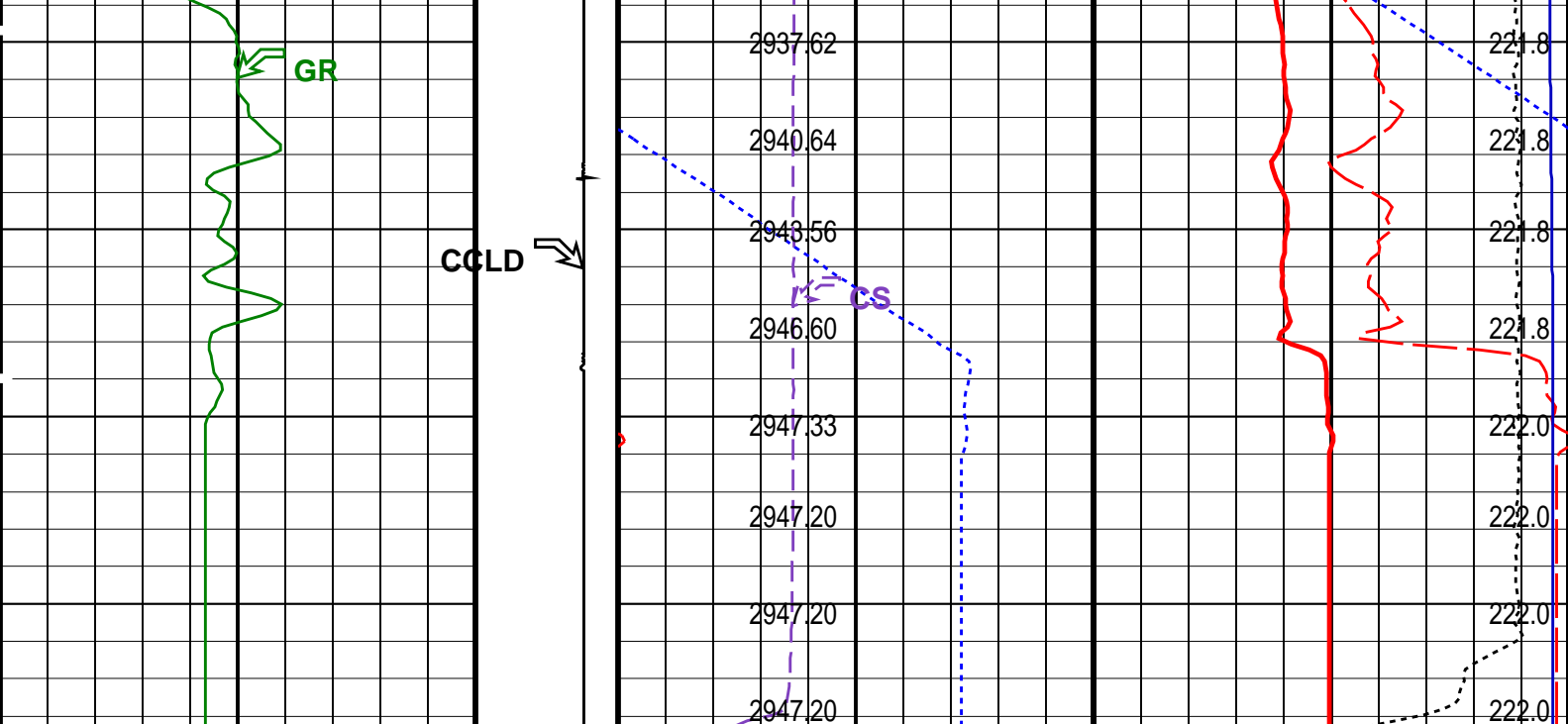
Input DLIS Files						
DEFAULT	RST_PSP_045LUP	FN:44	PRODUCER	13-Nov-2007 21:59	2624.8 M	2569.0 M
Output DLIS Files						
DEFAULT	RST_PSP_047PUP	FN:46	PRODUCER	13-Nov-2007 22:09	2623.3 M	2562.5 M
OP System Version: 14C0-302						
MCM						
RST-C	14C0-302	PSPT-A/B		14C0-302		

PIP SUMMARY

 Time Mark Every 60 S

	Amplified Well Pressure (WPRE)	
	0	20
	(PSIA)	
	Well Pressure (WPRE)	
	0	3000
	(PSIA)	





Gamma Ray (GR) (GAPI)	Discriminat ed CCL (CCLD)	Cable Speed (CS) (F/HR)	Tension (TENS) (LBF)
0 150	3 (V) -1	0 5000	0 2000

Perfo Zone From PERFO_ CURVE to D3T	Well Temperature (WTEP) (DEGF)	
	219	223
	Well Pressure (WPRE) (PSIA)	Temperature (WTEP) (DEGF)
	Well Temperature (WTEP) (DEGF)	
	0	1
Well Pressure (WPRE) (PSIA)		
0 3000		
Amplified Well Pressure (WPRE) (PSIA)		
0 20		

PIP SUMMARY

Time Mark Every 60 S

Format: PSP\_1 Vertical Scale: 1:200 Graphics File Created: 13-Nov-2007 22:09

OP System Version: 14C0-302  
MCM

RST-C	14C0-302	PSPT-A/B	14C0-302
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Parameters		
DLIS Name	Description	Value
DO PP	System and Miscellaneous Depth Offset for Playback Playback Processing	-1.5 M NORMAL

Input DLIS Files

DEFAULT	RST_PSP_045LUP	FN:44	PRODUCER	13-Nov-2007 21:59	2624.8 M	2569.0 M
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Output DLIS Files





# RST-C WFL Op-Check

MAXIS Field Log

## RST WFL Station Summary

13-Nov-2007 21:36

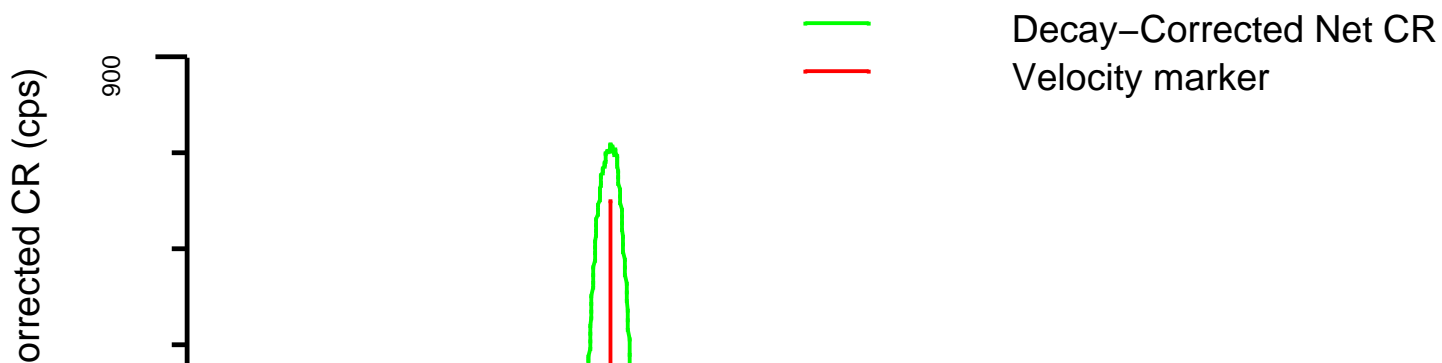
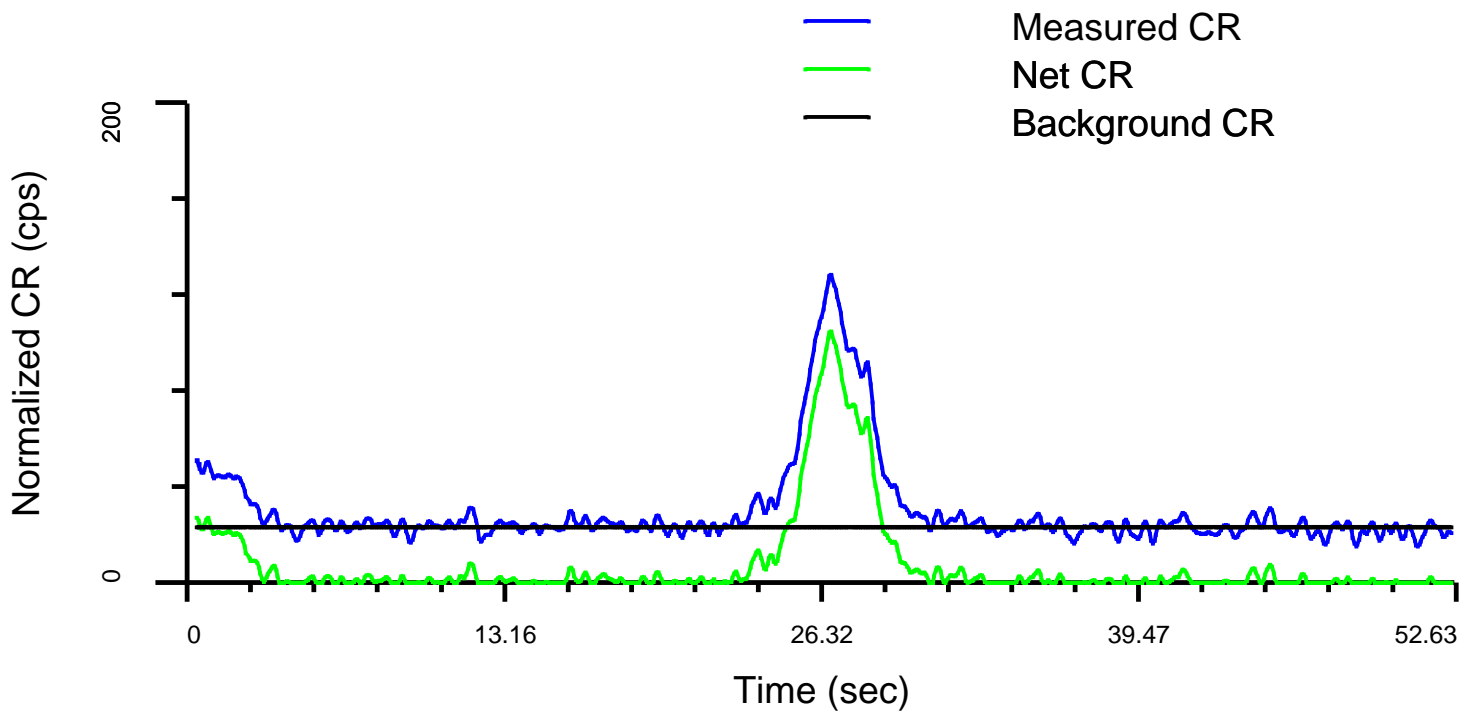
Log File Number	WFL Detector	Start Depth (m)	Stop Depth (m)	Flow Detected	Velocity (m/min)	Velocity Error (m/min)
043	PBMS-GR	529.2	524.6	Yes	10.1	52.6

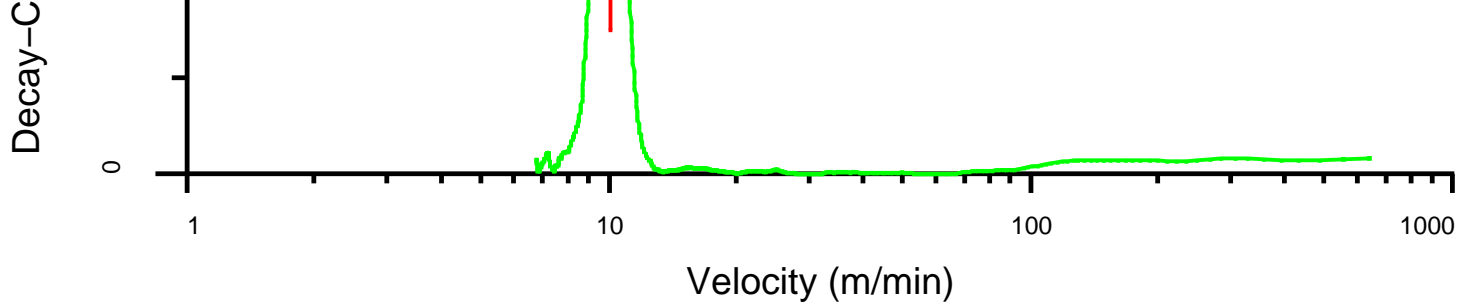
Data Acquired on: 13-Nov-2007 21:31

Detector is above Minitrone (sensitive to Up Flow)

WFL Subcycle Time: 0.80 sec On - 52.27 sec Off

Number of WFL Cycles: 6





Company: **Esso Australia Pty Ltd.**

**Schlumberger**

Well: **W-19A**

Field: **West Kingfish**

Rig : **Prod4 / Crane**

Country: **Australia**

RST-C

WaterFlow

Survey