

Company: Esso Australia Pty Ltd.

Well: B-8
Field: Kingfish B
Rig: Prod4 / Crane
Country: Australia

Dual Deft / Spinner
GR-PLT-Gradic
Survey

Rig: Prod4 / Crane
Field: Kingfish B
Location: Gippsland
Well: B-8
Company: Esso Australia Pty Ltd.

LOCATION		
Gippsland		Elev.: K.B. 28.3 m
Basin		G.L. -78 m
Bass Strait		D.F. 28.32 m
Permanent Datum:	M.S.L.	Elev.: 0 m
Log Measured From:	D.F.	28.3 m above Perm. Datum
Drilling Measured From:	D.F.	
State: Victoria	Max. Well Deviation 49 deg	Longitude 148 11'11.96"E Latitude 038 35'54.36"S

Logging Date 6-Jun-2008

Run Number One

Depth Driller 2907 m

Schlumberger Depth 2907 m

Bottom Log Interval 2907 m

Top Log Interval 2870 m

Casing Fluid Type Production Fluids

Salinity

Density

Fluid Level 220 m

BIT/CASING/TUBING STRING

Bit Size 9.750 in

From

To

Casing/Tubing Size 7.625 in

Weight 29.7 lbm/ft

Grade N-80

From 11.7 m

To 2919.22 m

Maximum Recorded Temperatures 219 degF

Logger On Bottom 6-Jun-2008

Unit Number 889

Recorded By S Gilbert

Witnessed By D Madden

Run 1

Oil Density
Water Salinity
Gas Gravity

Bo

Bw

1/Bg

Bubble Point Pressure

Bubble Point Temperature

Solution GOR

Maximum Deviation

CEMENTING DATA

Primary/Squeeze

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	
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Depth Control Parameters	
Depth (m)	10
Depth (m)	20
Depth (m)	30
Depth (m)	40
Depth (m)	50
Depth (m)	60
Depth (m)	70
Depth (m)	80
Depth (m)	90
Depth (m)	100
Depth (m)	110
Depth (m)	120
Depth (m)	130
Depth (m)	140
Depth (m)	150
Depth (m)	160
Depth (m)	170
Depth (m)	180
Depth (m)	190
Depth (m)	200
Depth (m)	210
Depth (m)	220
Depth (m)	230
Depth (m)	240
Depth (m)	250
Depth (m)	260
Depth (m)	270
Depth (m)	280
Depth (m)	290
Depth (m)	300
Depth (m)	310
Depth (m)	320
Depth (m)	330
Depth (m)	340
Depth (m)	350
Depth (m)	360
Depth (m)	370
Depth (m)	380
Depth (m)	390
Depth (m)	400
Depth (m)	410
Depth (m)	420
Depth (m)	430
Depth (m)	440
Depth (m)	450
Depth (m)	460
Depth (m)	470
Depth (m)	480
Depth (m)	490
Depth (m)	500
Depth (m)	510
Depth (m)	520
Depth (m)	530
Depth (m)	540
Depth (m)	550
Depth (m)	560
Depth (m)	570
Depth (m)	580
Depth (m)	590
Depth (m)	600
Depth (m)	610
Depth (m)	620
Depth (m)	630
Depth (m)	640
Depth (m)	650
Depth (m)	660
Depth (m)	670
Depth (m)	680
Depth (m)	690
Depth (m)	700
Depth (m)	710
Depth (m)	720
Depth (m)	730
Depth (m)	740
Depth (m)	750
Depth (m)	760
Depth (m)	770
Depth (m)	780
Depth (m)	790
Depth (m)	800
Depth (m)	810
Depth (m)	820
Depth (m)	830
Depth (m)	840
Depth (m)	850
Depth (m)	860
Depth (m)	870
Depth (m)	880
Depth (m)	890
Depth (m)	900
Depth (m)	910
Depth (m)	920
Depth (m)	930
Depth (m)	940
Depth (m)	950
Depth (m)	960
Depth (m)	970
Depth (m)	980
Depth (m)	990
Depth (m)	1000

Depth Control Remarks	
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- | |
|--|
| <ol style="list-style-type: none">1. IDW used as primary depth control.2. Z chart as secondary back-up.3.4.5.6. |
|--|

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.

OS1:	None
OS2:	
OS3:	
OS4:	
OS5:	

Log correlated to ExxonMobil Solar composite supplied with program.

Maximum well deviation = 49 degrees at 1290m MDPKB.

Objective: Complete a Static & Flowing PLT/ Dual DEFT Spinner survey over the interval HUD(2907m MDKB) to 2870m MDKB

Making 6 Passes (3 up – 3 down) as per Exxon Production logging Protocol

HUD:

SBHT: 217.65 degf SBHP: 3075.58 psia @ 2890m MDKB stop depth

FBHT: 219.14 degf FBHP: 2865.88 psia @ 2890m MDKB Stop Depth

2011 11 11 11:11:11

Sticky wellbore during static and flowing passes , tension +/- 300lbs while Logging up.

Flowing Details:

THP: 1650 KPA

THT: 80 degc

PAP: 5000 KPA

Gas lift Rate: 56 km3 Day









Choke@ 40%

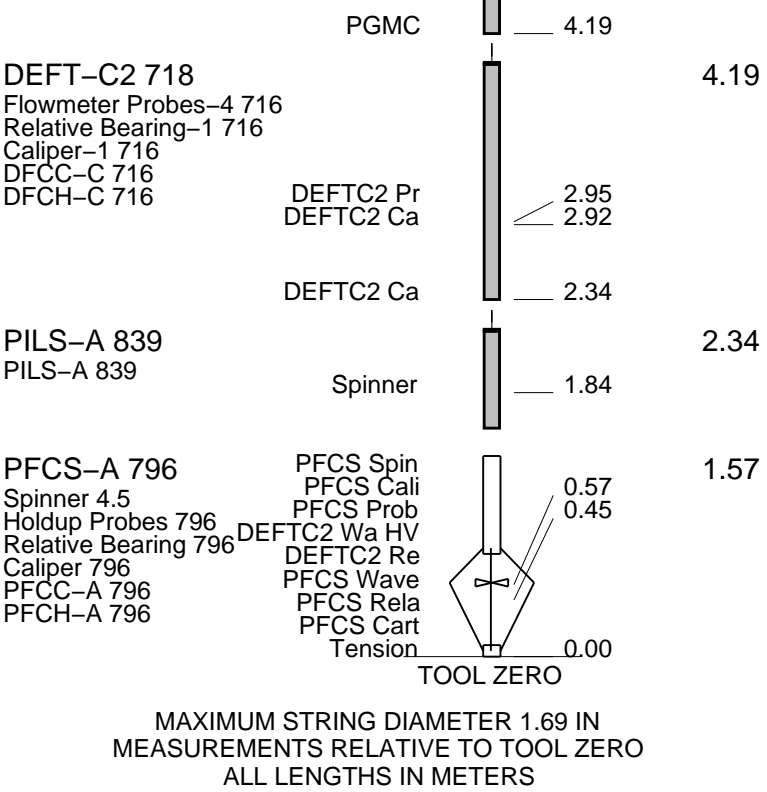
Accurate surface flow rate's are not available due to no test separator.Approx 1100 kl/day of Water

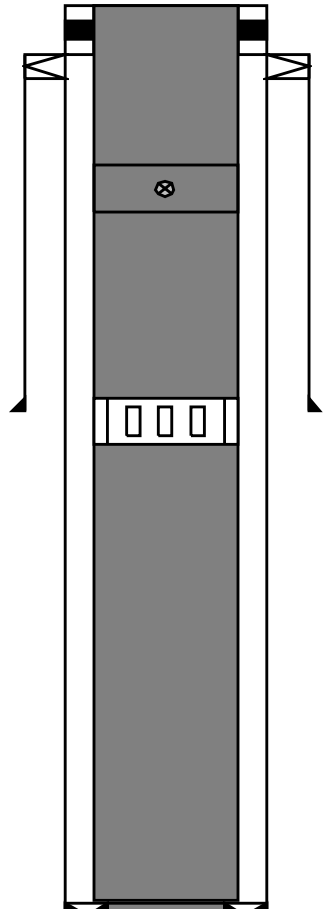
Schlumberger Crew: Jake Annear , Chris Shiells

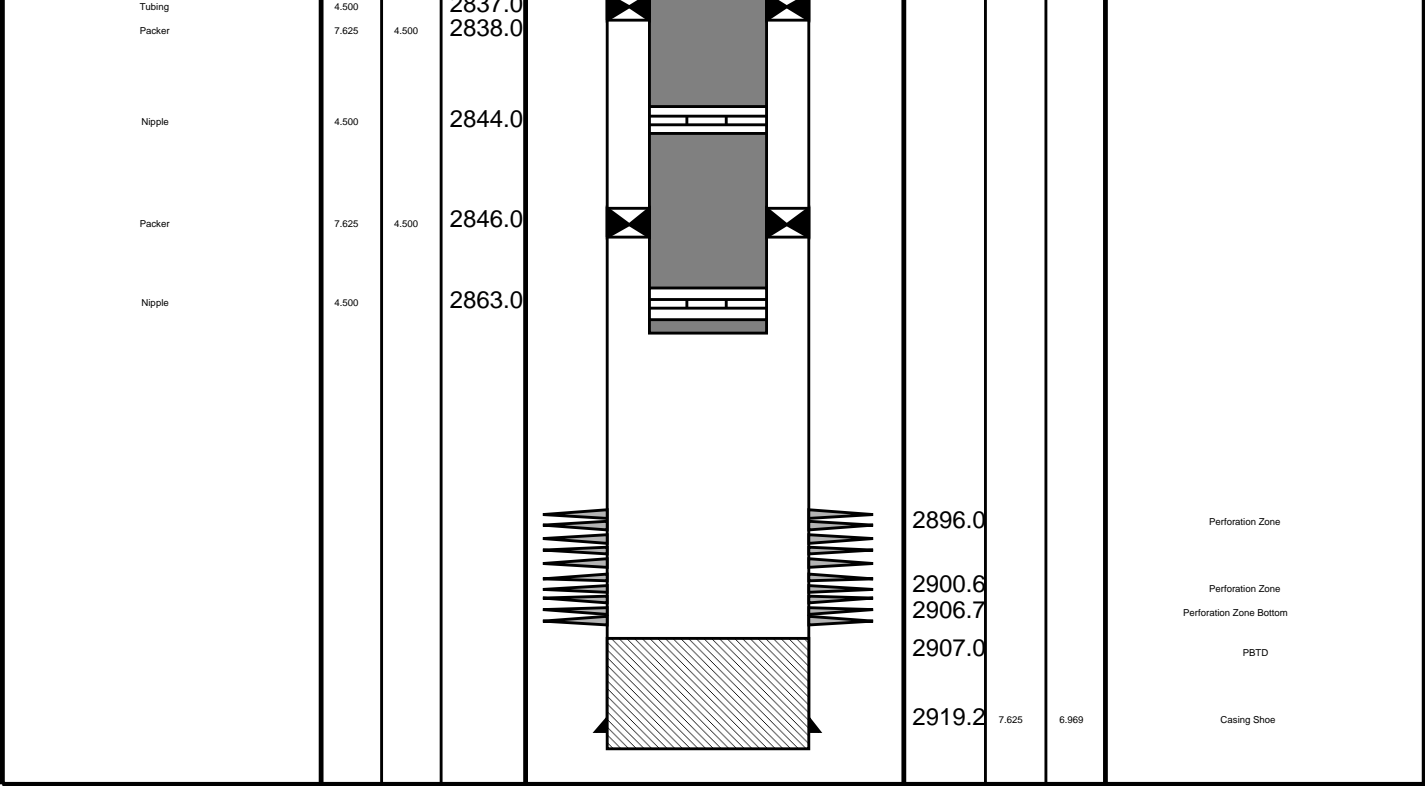
RUN 1					
SERVICE ORDER #:		AUSL08356985			
PROGRAM VERSION:		15C0-309			
FLUID LEVEL:		220 m			
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

EQUIPMENT DESCRIPTION

RUN 1			RUN 2		
SURFACE EQUIPMENT					
WITM-A 1 PSC_16MHZ 806					
DOWNHOLE EQUIPMENT					
AH-SWBS-B 788 AH-SWBS-B 788		11.63			
AH-SWBS-B 789 AH-SWBS-B 789		10.95			
AH-SWBS-B 785 AH-SWBS-B 785		10.26			
AH-SWBS-B 787 AH-SWBS-B 787		9.57			
MH-SWHS-A 759 MH-SWHS-A 759		8.89			
SAH-G 1035 SAH-G 1035		8.56			
PSPT-B 827 PSC-A 806 PSPT-B 827 PSTC 806 PBMS-B 827 CQG_F_Mano 827 RTD Thermometer 827 GR 827 CCL 827 PBMS 827		8.16			
	Detail MT TelStatus CTEM	8.16			
	GR	7.03			
	Well_Temp CQG Manom CCL PBMS PSTC	6.10 5.99 5.87 5.64			
PGMC-A 826 PGMC-A 826 PSOI_Gradio 1926		5.64			
	Gradioman	5.18			



Production String	(in)		(m)	Well Schematic	(m)	(in)		Casing String
	OD	ID	MD		MD	OD	ID	
Tubing Hanger	7.625	5.500	10.9		12.1	10.750		Casing String
	5.500		10.9		11.7	7.625	6.969	
Shutin Valve			154.0		11.7	10.750	7.625	Casing String
								Liner Hanger
Sliding Sleeve	5.500		817.0		667.5	10.750		Casing Shoe
			8887.0					



Job Events Summary

MAXIS Field Log

Schlumberger Job Event Summary

Time	Elapsed Time	Depth (M)	File
Log Pass (down)	6-Jun-2008 7:27 000:35	-4.0 - 1207.5	FCS_ILS_DEFT_GMS_020LDP
Log Pass (down)	6-Jun-2008 8:30 000:05	2865.6 - 2917.9	FCS_ILS_DEFT_GMS_022LDP
Log Pass (up)	6-Jun-2008 8:38 000:07	2917.9 - 2847.6	FCS_ILS_DEFT_GMS_023LUP
Log Pass (down)	6-Jun-2008 8:49 000:04	2854.5 - 2920.4	FCS_ILS_DEFT_GMS_026LDP
Log Pass (up)	6-Jun-2008 8:53 000:04	2920.3 - 2849.0	FCS_ILS_DEFT_GMS_027LUP
Log Pass (down)	6-Jun-2008 8:57 000:12	2849.0 - 2913.9	FCS_ILS_DEFT_GMS_028LDP
Log Pass (up)	6-Jun-2008 9:08 000:11	2913.9 - 2851.6	FCS_ILS_DEFT_GMS_029LUP
Log Pass (down)	6-Jun-2008 9:21 000:03	2851.4 - 2914.6	FCS_ILS_DEFT_GMS_031LDP
Log Pass (up)	6-Jun-2008 9:24 000:02	2914.6 - 2850.9	FCS_ILS_DEFT_GMS_032LUP
Station Log	6-Jun-2008 9:31 004:42	2889.9 - 42.9	FCS_ILS_DEFT_GMS_037LTP
Log Pass (down)	6-Jun-2008 14:14 000:09	2860.7 - 2912.8	FCS_ILS_DEFT_GMS_038LDP
Log Pass (up)	6-Jun-2008 14:24 000:05	2912.7 - 2858.6	FCS_ILS_DEFT_GMS_039LUP
Log Pass (down)	6-Jun-2008 14:29 000:03	2858.4 - 2911.1	FCS_ILS_DEFT_GMS_040LDP
Log Pass (up)	6-Jun-2008 14:32 000:03	2911.1 - 2858.6	FCS_ILS_DEFT_GMS_041LUP
Log Pass (down)	6-Jun-2008 14:35 000:11	2858.6 - 2914.2	FCS_ILS_DEFT_GMS_042LDP
Log Pass (up)	6-Jun-2008 14:46 000:10	2914.2 - 2858.7	FCS_ILS_DEFT_GMS_043LUP

Log Pass (down) 6-Jun-2008 14:56 000:02 2858.7 - 2914.5 FCS_ILS_DEFT_GMS_044LDP
Log Pass (up) 6-Jun-2008 14:58 000:02 2914.3 - 2857.8 FCS_ILS_DEFT_GMS_045LUP
Log Pass (up) 6-Jun-2008 15:14 001:20 2888.7 - -10.4 FCS_ILS_DEFT_GMS_046LUP

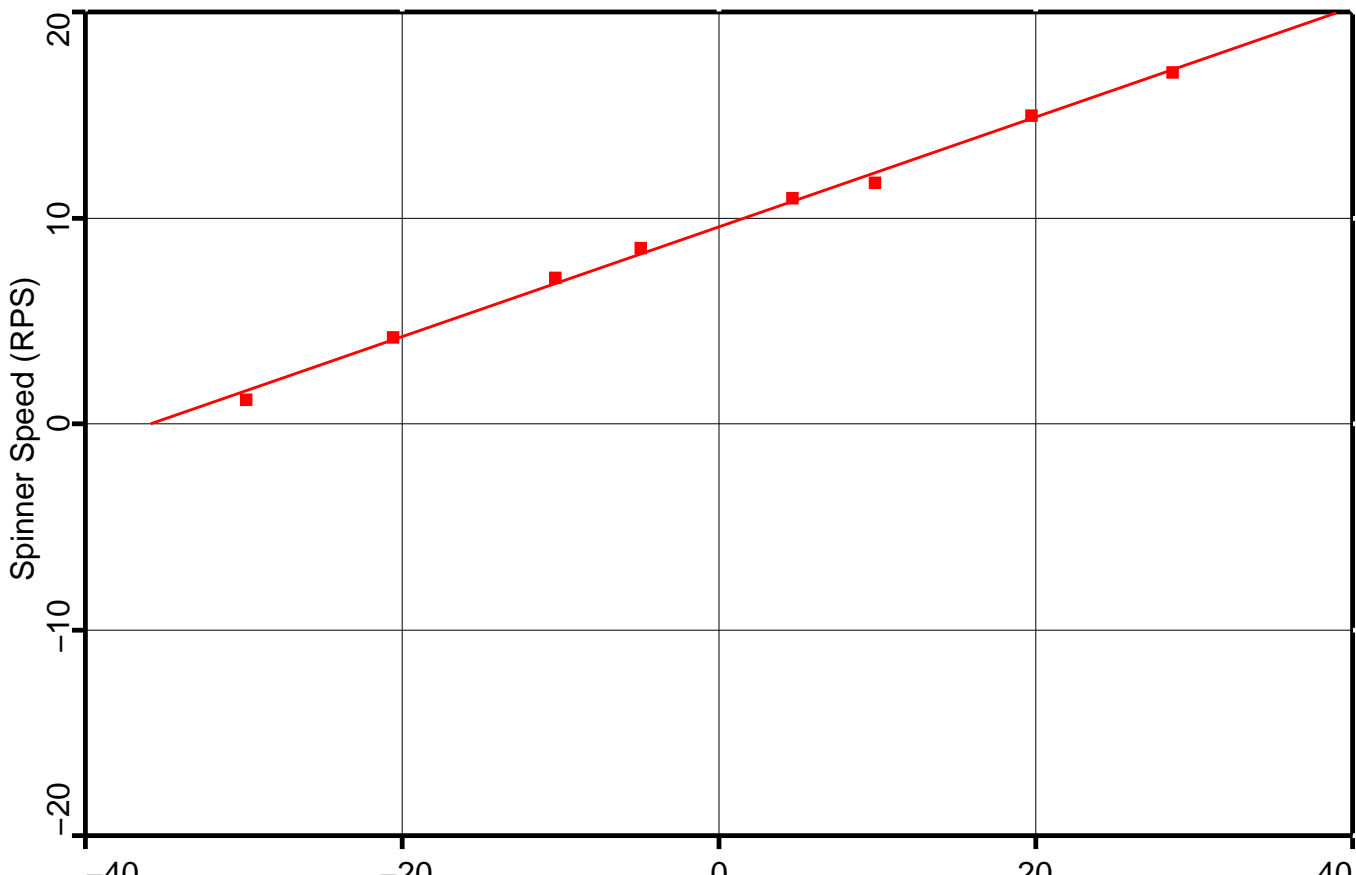


Flowing Spinner Calibration

MAXIS Field Log

Production Logging Quicklook Spinner Calibration

	Zone Depth (M)	Fluid Vel. (M/MN)	Positive Spinner			Negative Spinner		
			Slope (RSMM)	Intercept (M/MN)	Correl.	Slope (RSMM)	Intercept (M/MN)	Correl.
■ Zone 1	2890.0 – 2870.0 :	29.9	0.2675	-35.8	0.998			





Flowing MultiPass Up & Down
@ 5 – 10 – 20 – 30 m/mir

MAXIS Field Log

Company: Esso Australia Pty Ltd. Well: B-8

PLQL Passes Summary

- Pass # 1: Src: PLQL_CS, Log: UP , Avg.CS: 9 M/MN
- Pass # 2: Src: PLQL_CS, Log: DOWN , Avg.CS: 10 M/MN
- Pass # 3: Src: PLQL_CS, Log: UP , Avg.CS: 19 M/MN
- Pass # 4: Src: PLQL_CS, Log: DOWN , Avg.CS: 20 M/MN
- Pass # 5: Src: PLQL_CS, Log: UP , Avg.CS: 4 M/MN
- Pass # 6: Src: PLQL_CS, Log: DOWN , Avg.CS: 4 M/MN
- Pass # 7: Src: PLQL_CS, Log: UP , Avg.CS: 28 M/MN
- Pass # 8: Src: PLQL_CS, Log: DOWN , Avg.CS: 29 M/MN

Company: Esso Australia Pty Ltd. Well: B-8

PLQL Data Manager Files

- Pass # 1
- Pass # 2
- Pass # 3
- Pass # 4
- Pass # 5
- Pass # 6
- Pass # 7
- Pass # 8

Company: Esso Australia Pty Ltd. Well: B-8

Output DLIS Files

DEFAULT FCS_ILS_DEFT_GMS_121PUP FN:57 PRODUCER 07-Jun-2008 08:03 2909.3 M 2869.7 M

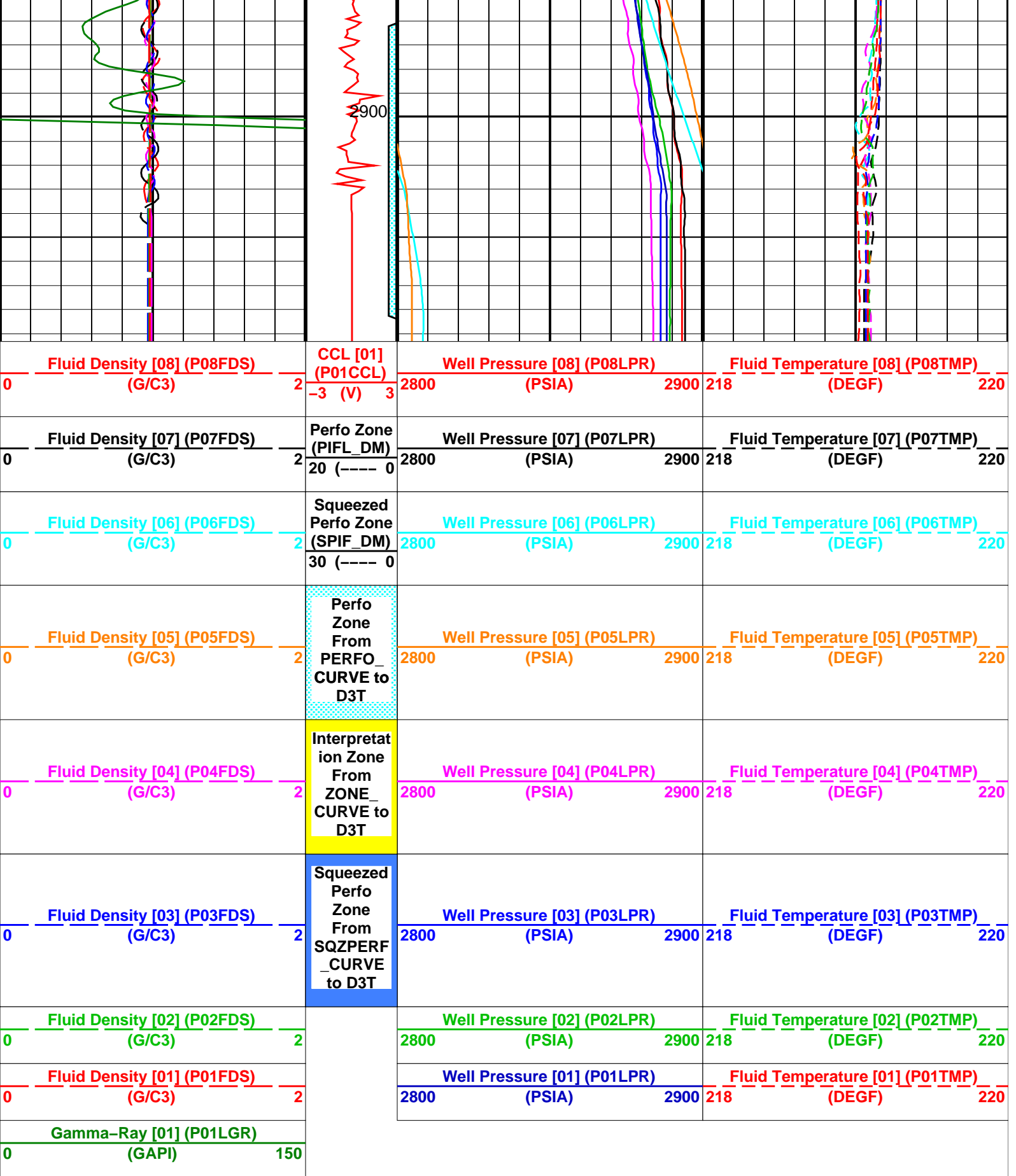
OP System Version: 15C0-309
MCM

PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Gamma-Ray [01] (P01LGR)					
0	(GAPI)	150			
Fluid Density [01] (P01FDS)			Well Pressure [01] (P01LPR)		Fluid Temperature [01] (P01TMP)
0	(G/C3)	2	2800	(PSIA)	2900 218 (DEGF) 220

0	Fluid Density [02] (P02FDS) (G/C3)	2		Well Pressure [02] (P02LPR) (PSIA)	2800	2900	Fluid Temperature [02] (P02TMP) (DEGF)	218	220
0	Fluid Density [03] (P03FDS) (G/C3)	2	Squeezed Perfo Zone From SQZPERF _CURVE to D3T	Well Pressure [03] (P03LPR) (PSIA)	2800	2900	Fluid Temperature [03] (P03TMP) (DEGF)	218	220
0	Fluid Density [04] (P04FDS) (G/C3)	2	Interpretat ion Zone From ZONE_ CURVE to D3T	Well Pressure [04] (P04LPR) (PSIA)	2800	2900	Fluid Temperature [04] (P04TMP) (DEGF)	218	220
0	Fluid Density [05] (P05FDS) (G/C3)	2	Perfo Zone From PERFO_ CURVE to D3T	Well Pressure [05] (P05LPR) (PSIA)	2800	2900	Fluid Temperature [05] (P05TMP) (DEGF)	218	220
0	Fluid Density [06] (P06FDS) (G/C3)	2	Squeezed Perfo Zone (SPIF_DM) 30 (---- 0	Well Pressure [06] (P06LPR) (PSIA)	2800	2900	Fluid Temperature [06] (P06TMP) (DEGF)	218	220
0	Fluid Density [07] (P07FDS) (G/C3)	2	Perfo Zone (PIFL_DM) 20 (---- 0	Well Pressure [07] (P07LPR) (PSIA)	2800	2900	Fluid Temperature [07] (P07TMP) (DEGF)	218	220
0	Fluid Density [08] (P08FDS) (G/C3)	2	CCL [01] (P01CCL) -3 (V) 3	Well Pressure [08] (P08LPR) (PSIA)	2800	2900	Fluid Temperature [08] (P08TMP) (DEGF)	218	220





Parameters			
DLIS Name	Description	Value	
CSID	PFCS-A: PSP Flow and caliper Tool Casing Size I.D.	6.875	IN
CSID	DEFT-C2: DEFT_C Tool Casing Size I.D.	6.875	IN
PGMC-A: PSP Gradiomanometer Measurement Module			

CSID	Casing Size I.D.	6.875	IN
PSPT-B: Production Services Logging Platform			
CSID	Casing Size I.D.	6.875	IN
BORDYN: BorDyn (Well Test Validation)			
CSID	Casing Size I.D.	6.875	IN
PLQL: Production Logging Quick Look			
CCLS	CCL Selector	CCLC	
FCHD	Cased Hole Diameter Selector	PFC1	
PCVS	CVEL Selector	CVEL	
PGRS	GR Selector	GR	
PGS	Pressure Gauge Selector	WPRE	
PWHS	PLQL Water HoldUp Selector	DFHM	
RHOS	Fluid Density Selector	WFDE	
SPIS	Spinner Selector	SPIN	
TMPS	Temperature Selector	WTEP	
System and Miscellaneous			
DO	Depth Offset for Playback	2.9	M
PP	Playback Processing	NORMAL	

Format: PLQLMultipass Sensors

Vertical Scale: 1:200

Graphics File Created: 07-Jun-2008 08:03

OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Output DLIS Files			
DEFAULT	FCS_ILS_DEFT_GMS_121PUP	FN:57	PRODUCER 07-Jun-2008 08:03

Company: Esso Australia Pty Ltd.

Well: B-8

PLQL Passes Summary	
Pass # 1: Src: PLQL_CS, Log: UP , Avg.CS: 9 M/MN Pass # 2: Src: PLQL_CS, Log: DOWN , Avg.CS: 10 M/MN Pass # 3: Src: PLQL_CS, Log: UP , Avg.CS: 19 M/MN Pass # 4: Src: PLQL_CS, Log: DOWN , Avg.CS: 20 M/MN Pass # 5: Src: PLQL_CS, Log: UP , Avg.CS: 4 M/MN Pass # 6: Src: PLQL_CS, Log: DOWN , Avg.CS: 4 M/MN Pass # 7: Src: PLQL_CS, Log: UP , Avg.CS: 28 M/MN Pass # 8: Src: PLQL_CS, Log: DOWN , Avg.CS: 29 M/MN	

Company: Esso Australia Pty Ltd.

Well: B-8

PLQL Data Manager Files	
Pass # 1 Pass # 2 Pass # 3 Pass # 4 Pass # 5 Pass # 6 Pass # 7 Pass # 8	

Company: Esso Australia Pty Ltd.

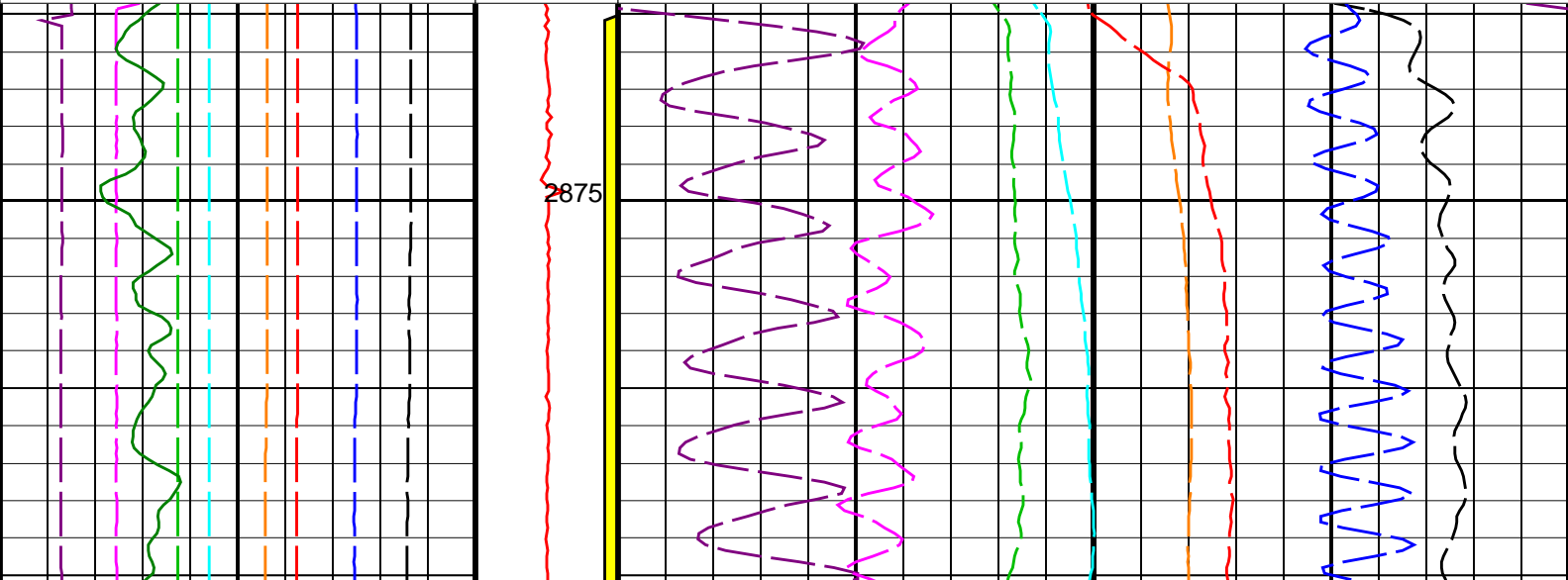
Well: B-8

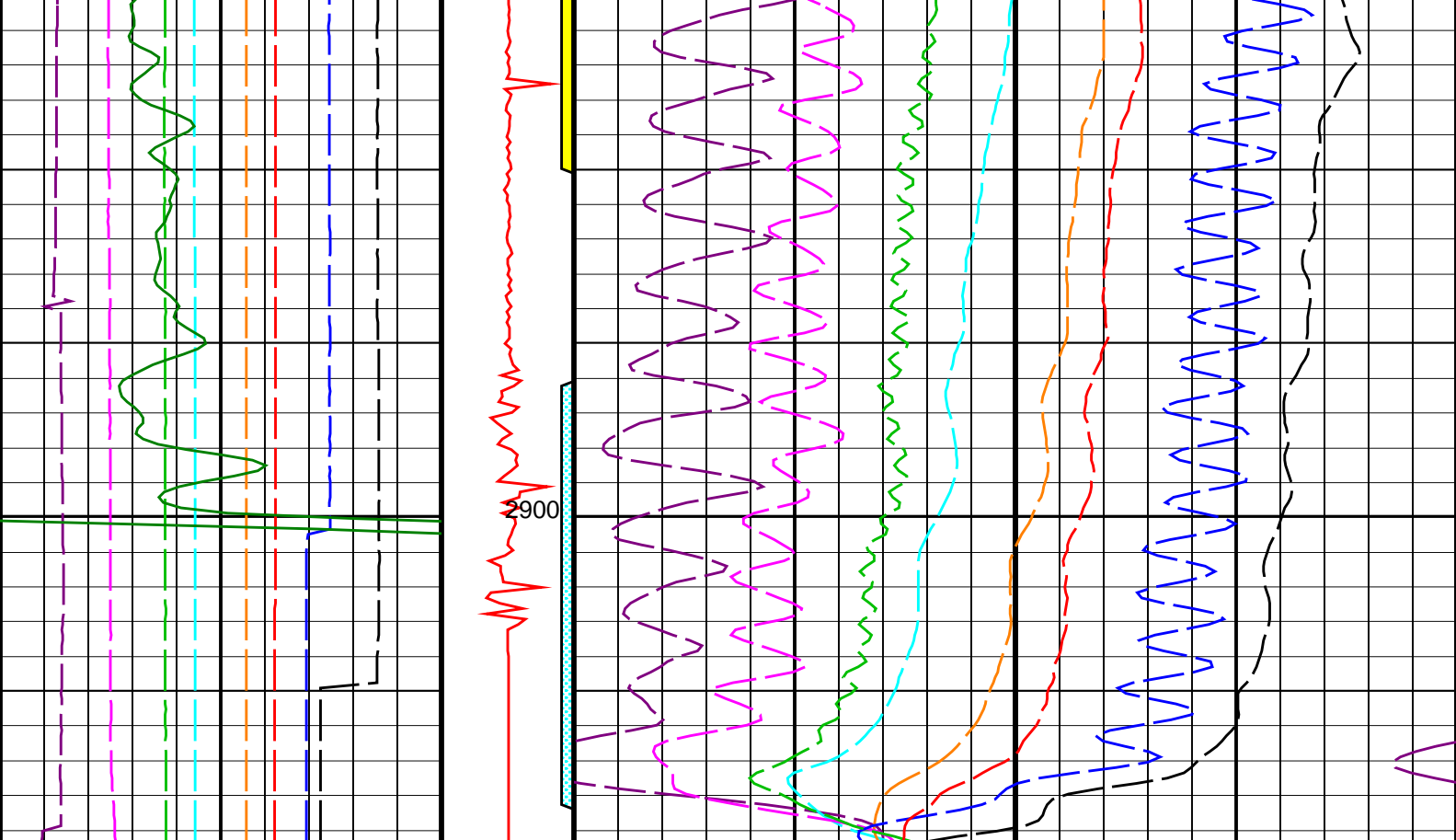
Output DLIS Files			
DEFAULT	FCS_ILS_DEFT_GMS_121PUP	FN:57	PRODUCER 07-Jun-2008 08:03 2909.3 M 2869.7 M

OP System Version: 15C0-309
MCM

PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

<div>Gamma-Ray [01] (P01LGR) (GAPI)</div> <div>0150</div>		
<div>Cable Velocity [01] (P01CVL) (M/MN)</div> <div>-4040</div>		<div>Spinner Rotational Velocity [01] (P01SPIN) (RPS)</div> <div>-220</div>
<div>Cable Velocity [02] (P02CVL) (M/MN)</div> <div>-4040</div>		<div>Spinner Rotational Velocity [02] (P02SPIN) (RPS)</div> <div>-220</div>
<div>Cable Velocity [03] (P03CVL) (M/MN)</div> <div>-4040</div>	<div>Squeezed Perfo Zone From SQZPERF _CURVE to D3T</div>	<div>Spinner Rotational Velocity [03] (P03SPIN) (RPS)</div> <div>-220</div>
<div>Cable Velocity [04] (P04CVL) (M/MN)</div> <div>-4040</div>	<div>Interpretat ion Zone From ZONE_ CURVE to D3T</div>	<div>Spinner Rotational Velocity [04] (P04SPIN) (RPS)</div> <div>-220</div>
<div>Cable Velocity [05] (P05CVL) (M/MN)</div> <div>-4040</div>	<div>Perfo Zone From PERFO_ CURVE to D3T</div>	<div>Spinner Rotational Velocity [05] (P05SPIN) (RPS)</div> <div>-22020</div>
<div>Cable Velocity [06] (P06CVL) (M/MN)</div> <div>-4040</div>	<div>Squeezed Perfo Zone (SPIF_DM) 30 (---- 0</div>	<div>Spinner Rotational Velocity [06] (P06SPIN) (RPS)</div> <div>-220</div>
<div>Cable Velocity [07] (P07CVL) (M/MN)</div> <div>-4040</div>	<div>Perfo Zone (PIFL_DM) 20 (---- 0</div>	<div>Spinner Rotational Velocity [07] (P07SPIN) (RPS)</div> <div>-220</div>
<div>Cable Velocity [08] (P08CVL) (M/MN)</div> <div>-4040</div>	<div>CCL [01] (P01CCL) -3 (V) 3</div>	<div>Spinner Rotational Velocity [08] (P08SPIN) (RPS)</div> <div>-220</div>





<u>Cable Velocity [08] (P08CVL)</u> (M/MN)	<u>CCL [01] (P01CCL)</u> (V)	<u>Spinner Rotational Velocity [08] (P08SPIN)</u> (RPS)
-40	-3 3	-2 20
<u>Cable Velocity [07] (P07CVL)</u> (M/MN)	<u>Perfo Zone (PIFL_DM)</u> 20 (---- 0)	<u>Spinner Rotational Velocity [07] (P07SPIN)</u> (RPS)
-40	20	-2 20
<u>Cable Velocity [06] (P06CVL)</u> (M/MN)	<u>Squeezed Perfo Zone (SPIF_DM)</u> 30 (---- 0)	<u>Spinner Rotational Velocity [06] (P06SPIN)</u> (RPS)
-40	30	-2 20
<u>Cable Velocity [05] (P05CVL)</u> (M/MN)	<u>Perfo Zone From PERFO_CURVE to D3T</u>	<u>Spinner Rotational Velocity [05] (P05SPIN)</u> (RPS)
-40		-2 20
<u>Cable Velocity [04] (P04CVL)</u> (M/MN)	<u>Interpretation Zone From ZONE_CURVE to D3T</u>	<u>Spinner Rotational Velocity [04] (P04SPIN)</u> (RPS)
-40		-2 20
<u>Cable Velocity [03] (P03CVL)</u> (M/MN)	<u>Squeezed Perfo Zone From SQZPERF_CURVE to D3T</u>	<u>Spinner Rotational Velocity [03] (P03SPIN)</u> (RPS)
-40		-2 20
<u>Cable Velocity [02] (P02CVL)</u> (M/MN)		<u>Spinner Rotational Velocity [02] (P02SPIN)</u> (RPS)
-40		-2 20
<u>Cable Velocity [01] (P01CVL)</u> (M/MN)		<u>Spinner Rotational Velocity [01] (P01SPIN)</u> (RPS)
-40		-2 20


Gamma-Ray [01] (P01LGR)		
0	(GAPI)	150

Parameters			
DLIS Name		Description	Value
CSID	PFCS-A: PSP Flow and caliper Tool		
		Casing Size I.D.	6.875 IN
CSID	DEFT-C2: DEFT_C Tool		
		Casing Size I.D.	6.875 IN
CSID	PGMC-A: PSP Gradiomanometer Measurement Module		
		Casing Size I.D.	6.875 IN
CSID	PSPT-B: Production Services Logging Platform		
		Casing Size I.D.	6.875 IN
CSID	BORDYN: BorDyn (Well Test Validation)		
		Casing Size I.D.	6.875 IN
CSID	PLQL: Production Logging Quick Look		
CCLS		CCL Selector	CCLC
FCHD		Cased Hole Diameter Selector	PFC1
PCVS		CVEL Selector	CVEL
PGRS		GR Selector	GR
PGS		Pressure Gauge Selector	WPRE
PWHS		PLQL Water HoldUp Selector	DFHM
RHOS		Fluid Density Selector	WFDE
SPIS		Spinner Selector	SPIN
TMPS		Temperature Selector	WTEP
	System and Miscellaneous		
DO		Depth Offset for Playback	2.9 M
PP		Playback Processing	NORMAL

Format: PLQLMultipass Spinners	Vertical Scale: 1:200	Graphics File Created: 07-Jun-2008 08:03
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OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Output DLIS Files					
DEFAULT	FCS_ILS_DEFT_GMS_121PUP	FN:57	PRODUCER	07-Jun-2008 08:03	

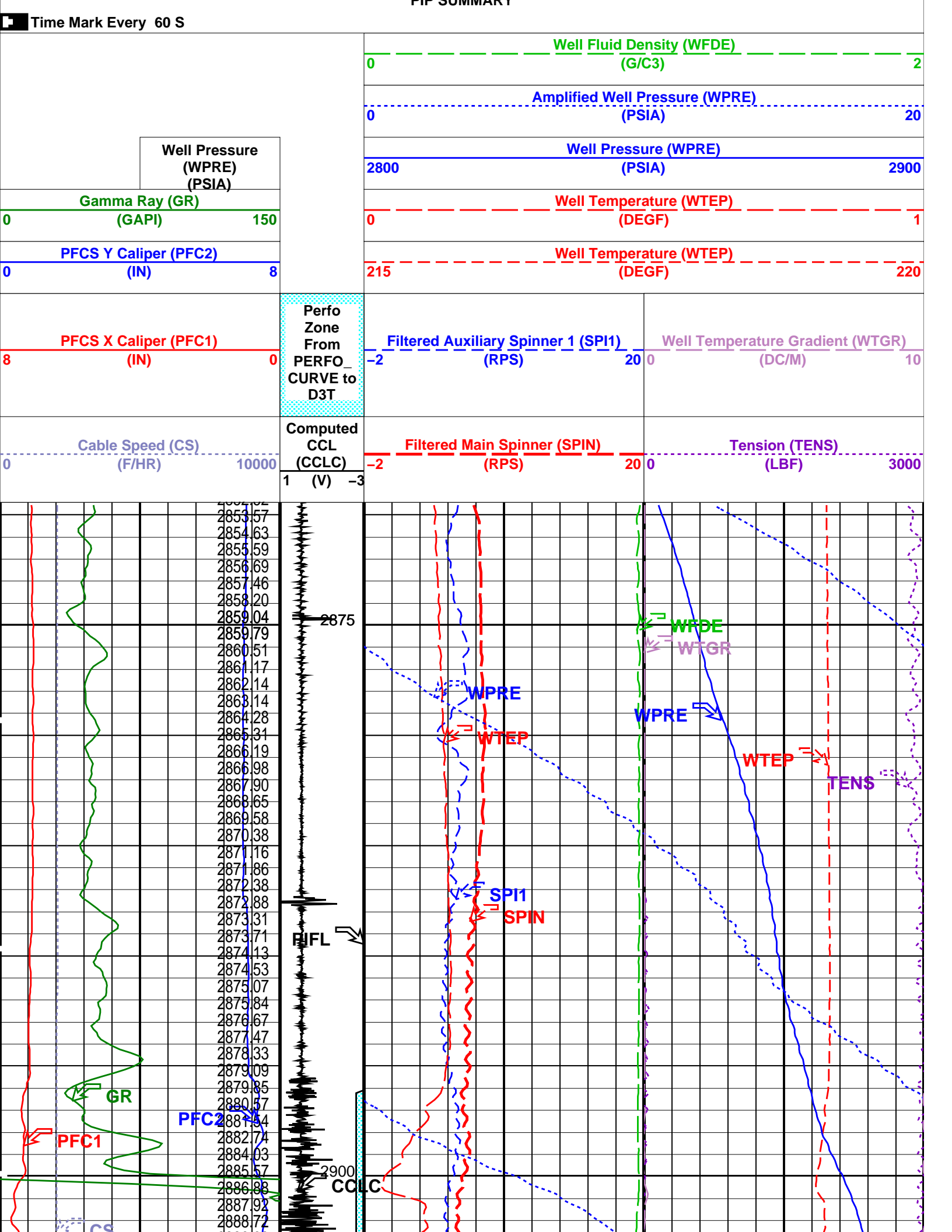


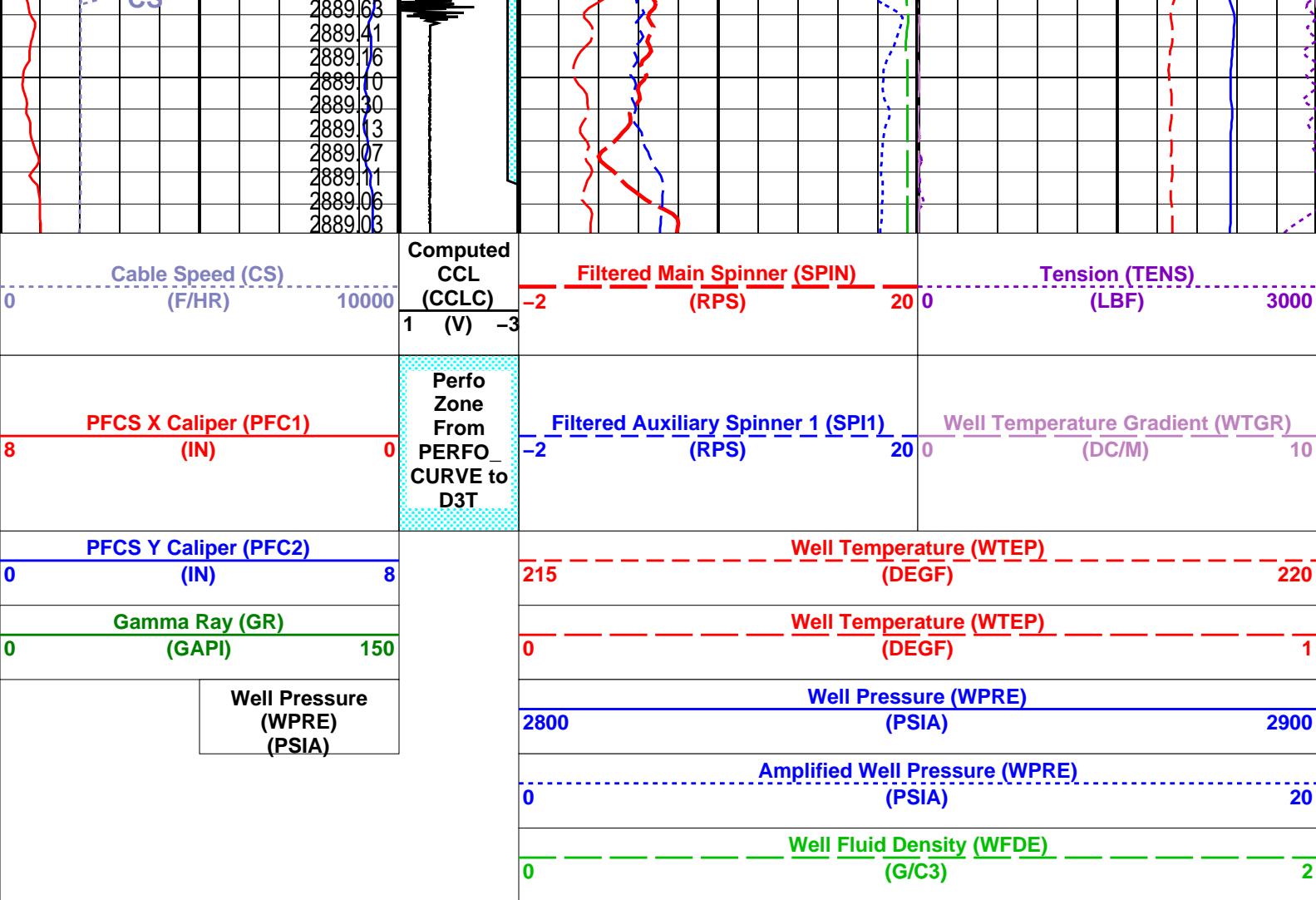
Flowing Up Pass @
10m/min – 1970ft/hr

MAXIS Field Log

Input DLIS Files						
DEFAULT	FCS_ILS_DEFT_GMS_039LUP	FN:34	PRODUCER	06-Jun-2008 14:24	2912.7 M	2858.6 M
Output DLIS Files						
DEFAULT	FCS_ILS_DEFT_GMS_113PUP	FN:49	PRODUCER	07-Jun-2008 07:38	2909.9 M	2869.4 M

OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		





Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 07-Jun-2008 07:38

OP System Version: 15C0-309

MCM

PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Parameters

DLIS Name	Description	Value
PFCS-A: PSP Flow and caliper Tool		
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
GDEV	Average Angular Deviation of Borehole from Normal	35 DEG
SDCF	Spinner Depth Constant Filter	6
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5
PILS-A: PSP In Line Spinner Flowmeter		
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
SDCF	Spinner Depth Constant Filter	6
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5
PGMC-A: PSP Gradiomanometer Measurement Module		
GCPG	Gradio Surf.Cal Diff.Pres Gain	1
GCPO	Gradio Surf.Cal Diff.Pres Offset	0 KPAA
PDSH	Gradio Correction Density Shift	0 G/C3
PSPT-B: Production Services Logging Platform		
GDEV	Average Angular Deviation of Borehole from Normal	35 DEG
System and Miscellaneous		
DO	Depth Offset for Playback	2.9 M
PP	Playback Processing	NORMAL

Input DLIS Files

Output DLIS Files

Input DLIS Files

Output DLIS Files

OP System Version: 15C0-309
MCM

PFCs-A

DEFT-C2

PSPT-B

SRPC-3546-Q1_2008_OP15

SRPC-3546-Q1_2008_OP15

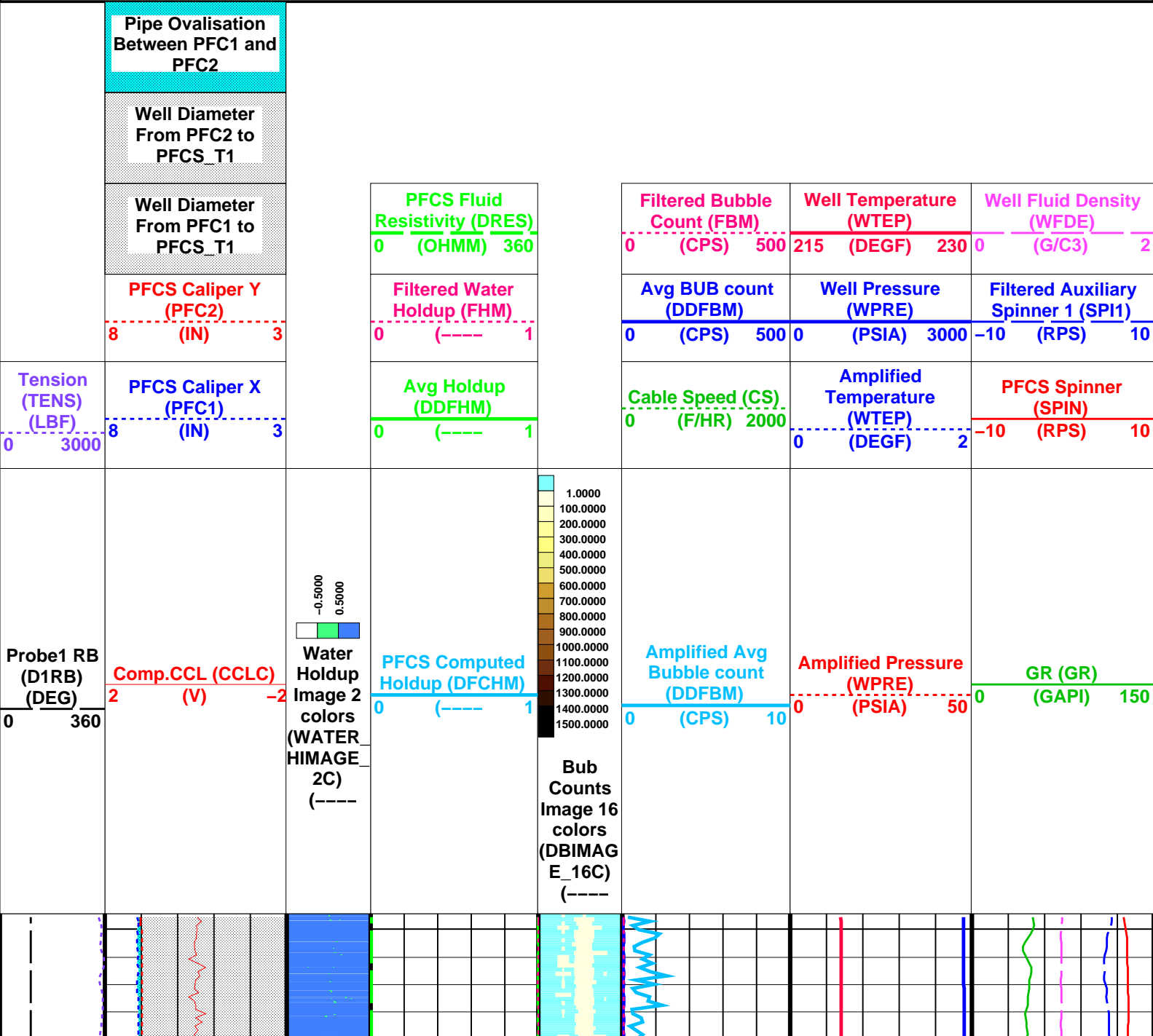
SRPC-3546-Q1_2008_OP15

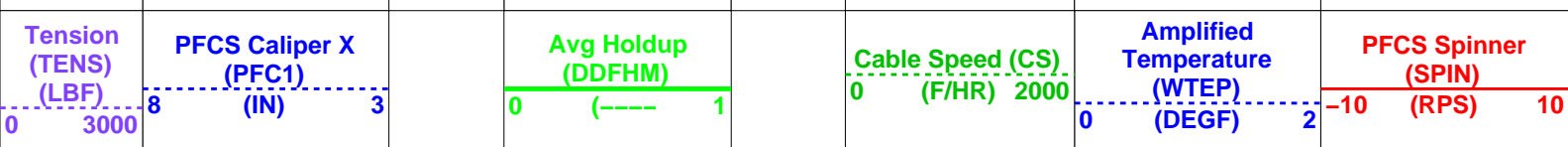
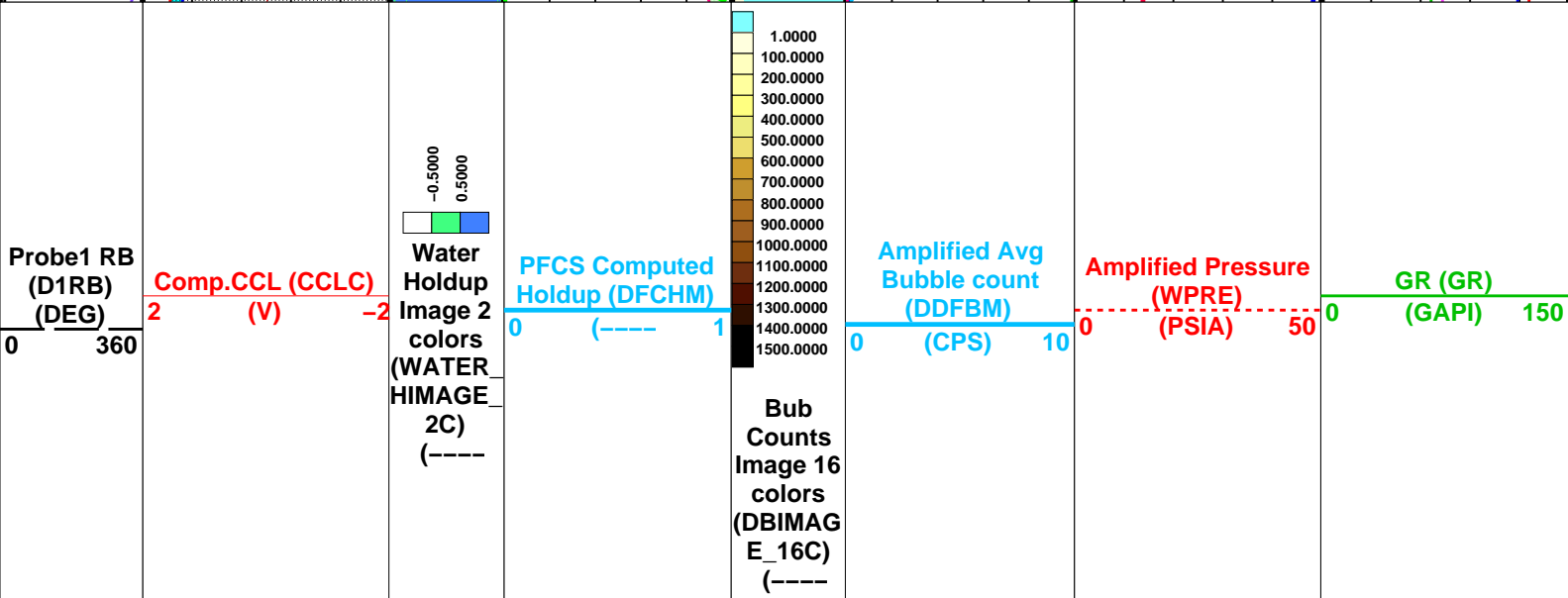
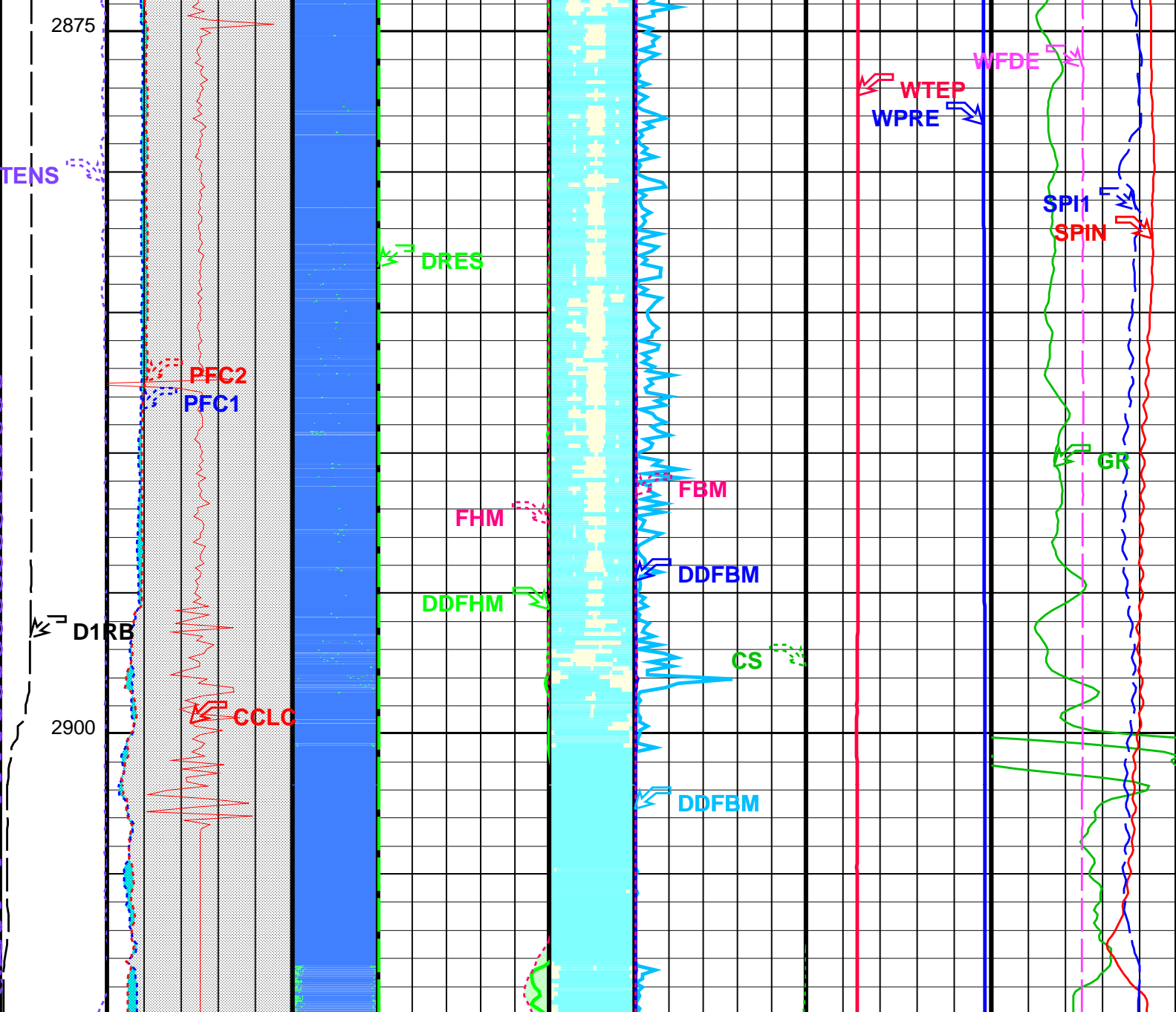
PILS-A

PGMC-A

SRPC-3546-Q1_2008_OP15

SRPC-3546-Q1_2008_OP15



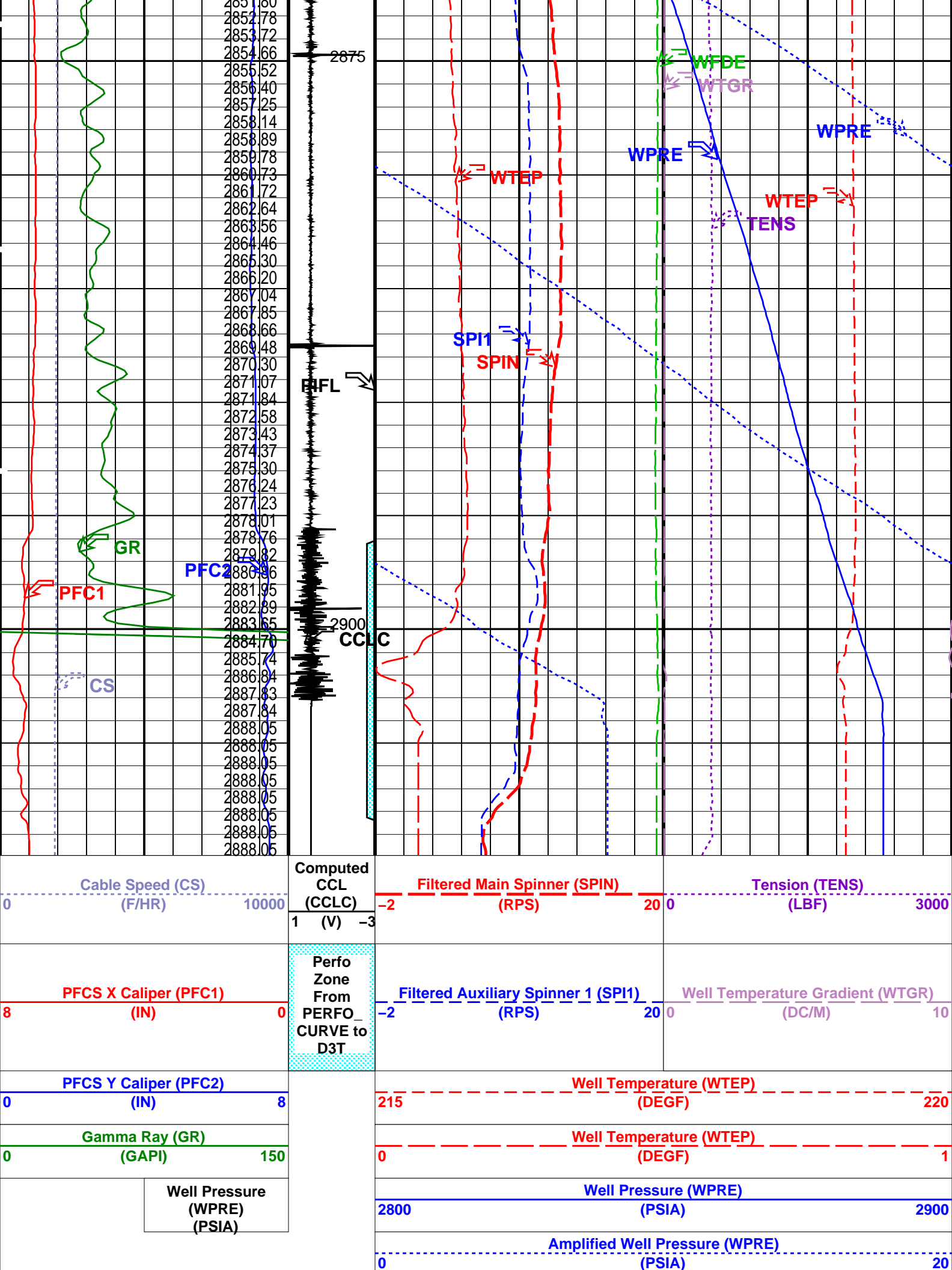


<div>PFC2</div> <div>8 (IN) 3</div> <div>Well Diameter From PFC1 to PFC2_T1</div> <div>Well Diameter From PFC2 to PFC2_T1</div> <div>Pipe Ovalisation Between PFC1 and PFC2</div>	<div>Filtered Water Holdup (FHM)</div> <div>0 (----) 1</div>	<div>Avg BUB count (DDFBM)</div> <div>0 (CPS) 500</div>	<div>Well Pressure (WPRE)</div> <div>0 (PSIA) 3000</div>	<div>Filtered Auxiliary Spinner 1 (SPI1)</div> <div>-10 (RPS) 10</div>
	<div>PFC2 Fluid Resistivity (DRES)</div> <div>0 (OHMM) 360</div>	<div>Filtered Bubble Count (FBM)</div> <div>0 (CPS) 500</div>	<div>Well Temperature (WTEP)</div> <div>215 (DEGF) 230</div>	<div>Well Fluid Density (WFDE)</div> <div>0 (G/C3) 2</div>

Format: PFC2_Image_DL Vertical Scale: 1:200 Graphics File Created: 07-Jun-2008 07:38

OP System Version: 15C0-309			
MCM			
PFC2-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Parameters			
DLIS Name	Description	Value	
PFCS-A: PSP Flow and caliper Tool			
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DFFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP	Probes Arm Position	C	
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
PFGC	PFCS Geometrical coefficient	1200	
PFRE1	Downhole Resistor Probe 1	3000	OHMS
PFRE2	Downhole Resistor Probe 2	3000	OHMS
PFRE3	Downhole Resistor Probe 3	3000	OHMS
PFRE4	Downhole Resistor Probe 4	3000	OHMS
SDCF	Spinner Depth Constant Filter	6	
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
PILS-A: PSP In Line Spinner Flowmeter			
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SDCF	Spinner Depth Constant Filter	6	
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
DEFT-C2: DEFT_C Tool			
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DFFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP2	Probes Arm Position (2nd tool)	C	
PFGC	PFCS Geometrical coefficient	1200	
PGMC-A: PSP Gradiomanometer Measurement Module			
CSID	Casing Size I.D.	6.875	IN
GCPG	Gradio Surf.Cal Diff.Pres Gain	1	
GCPO	Gradio Surf.Cal Diff.Pres Offset	0	KPAA
PDSH	Gradio Correction Density Shift	0	G/C3
PSPT-B: Production Services Logging Platform			
CSID	Casing Size I.D.	6.875	IN
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
BORDYN: BorDyn (Well Test Validation)			
CSID	Casing Size I.D.	6.875	IN
System and Miscellaneous			
CSIZ	Current Casing Size	7.625	IN
DO	Depth Offset for Playback	2.9	M
PP	Playback Processing	NORMAL	

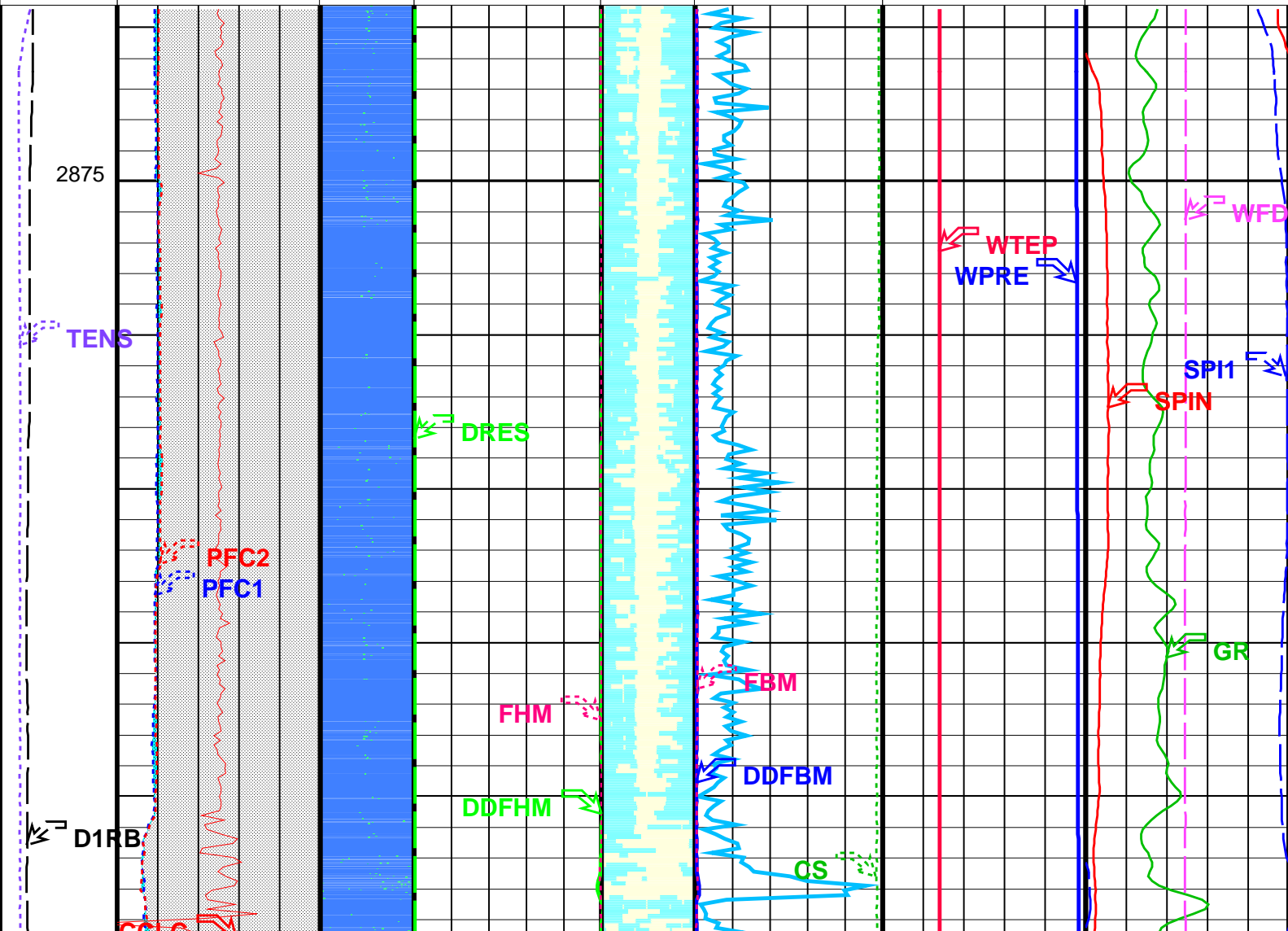


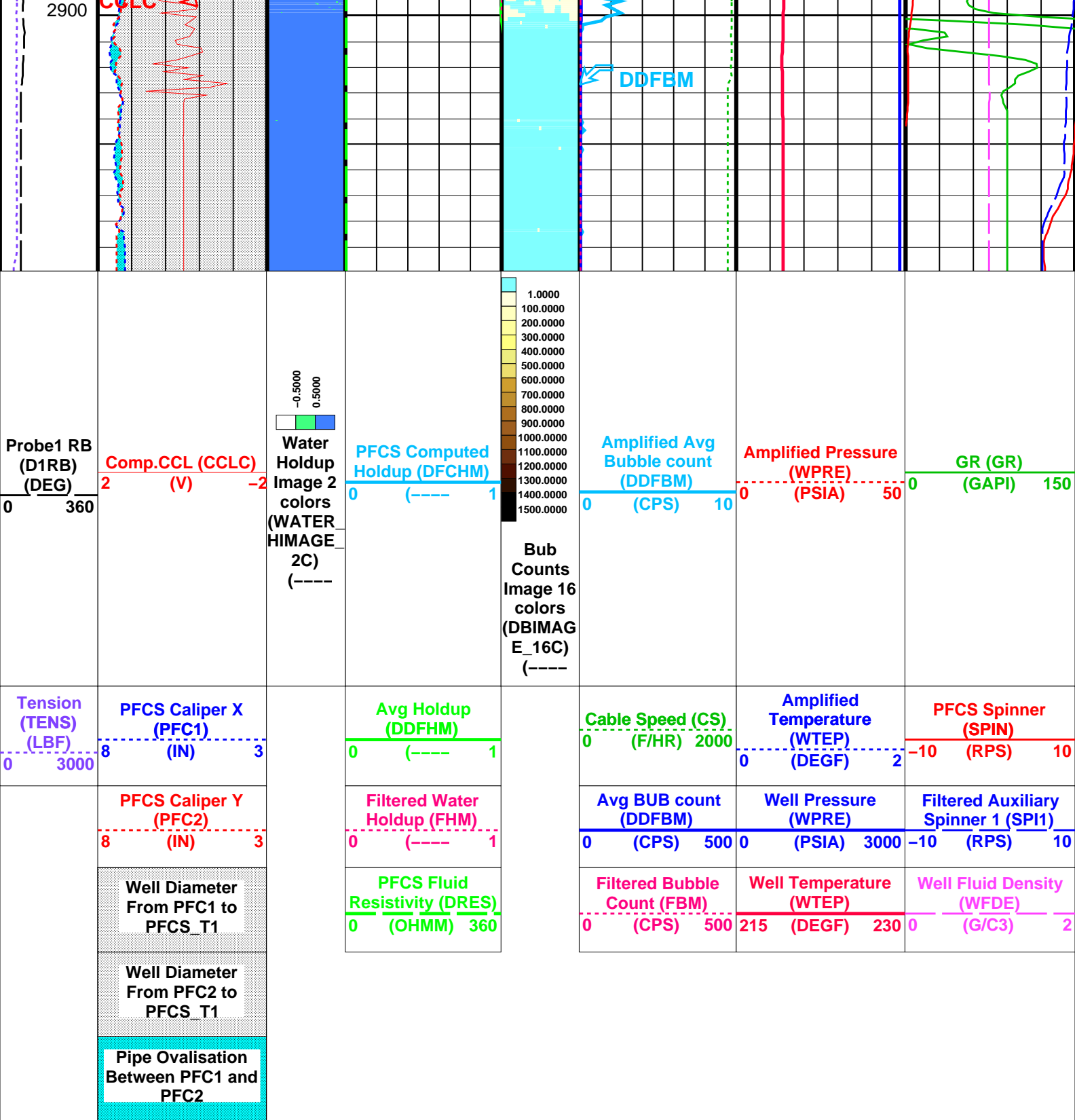
Graphics File Created: 07-Jun-2008 07:36

Well Fluid Density

	Well Diameter From PFC1 to PFC5_T1		Resistivity (DRES) 0 (OHMM) 360		Filtered Bubble Count (FBM) 0 (CPS) 500	Well Temperature (WTEP) 215 (DEGF) 230	Well Fluid Density (WFDE) 0 (G/C3) 2
	PFC5 Caliper Y (PFC2) 8 (IN) 3		Filtered Water Holdup (FHM) 0 (----) 1		Avg BUB count (DDFBM) 0 (CPS) 500	Well Pressure (WPRE) 0 (PSIA) 3000	
Tension (TENS) (LBF) 0 3000	PFC5 Caliper X (PFC1) 8 (IN) 3		Avg Holdup (DDFHM) 0 (----) 1		Cable Speed (CS) 0 (F/HR) 2000	Amplified Temperature (WTEP) 0 (DEGF) 2	PFC5 Spinner (SPIN) -10 (RPS) 10

Probe1 RB (D1RB) (DEG) 0 360	Comp.CCL (CCLC) 2 (V) -2	Water Holdup Image 2 colors (WATER HIMAGE 2C) (----)	PFC5 Computed Holdup (DFCHM) 0 (----) 1	<div> <div> 1.0000 100.0000 200.0000 300.0000 400.0000 500.0000 600.0000 700.0000 800.0000 900.0000 1000.0000 1100.0000 1200.0000 1300.0000 1400.0000 1500.0000 </div> <div> Bub Counts Image 16 colors (DBIMAG E_16C) (----) </div> </div>	Amplified Avg Bubble count (DDFBM) 0 (CPS) 10	Amplified Pressure (WPRE) (PSIA) 0 50	GR (GR) (GAPI) 150
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Parameters

DLIS Name	Description	Value
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PFCS-A:	PSP Flow and caliper Tool	
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
CSID	Casing Size I.D.	6.875 IN

DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DDFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP	Probes Arm Position	C	
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
PFGC	PFCS Geometrical coefficient	1200	
PFRE1	Downhole Resistor Probe 1	3000	OHMS
PFRE2	Downhole Resistor Probe 2	3000	OHMS
PFRE3	Downhole Resistor Probe 3	3000	OHMS
PFRE4	Downhole Resistor Probe 4	3000	OHMS
SDCF	Spinner Depth Constant Filter	6	
SP11	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
PILS-A: PSP In Line Spinner Flowmeter			
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SDCF	Spinner Depth Constant Filter	6	
SP11	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
DEFT-C2: DEFT_C Tool			
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DDFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP2	Probes Arm Position (2nd tool)	C	
PFGC	PFCS Geometrical coefficient	1200	
PGMC-A: PSP Gradiomanometer Measurement Module			
CSID	Casing Size I.D.	6.875	IN
GCPG	Gradio Surf.Cal Diff.Pres Gain	1	
GCPO	Gradio Surf.Cal Diff.Pres Offset	0	KPAA
PDSH	Gradio Correction Density Shift	0	G/C3
PSPT-B: Production Services Logging Platform			
CSID	Casing Size I.D.	6.875	IN
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
BORDYN: BorDyn (Well Test Validation)			
CSID	Casing Size I.D.	6.875	IN
System and Miscellaneous			
CSIZ	Current Casing Size	7.625	IN
DO	Depth Offset for Playback	-1.9	M
PP	Playback Processing	NORMAL	

Input DLIS Files

DEFAULT	Flip_FCS_ILS_DEFT_051LUP	PRODUCER	06-Jun-2008 19:20	2912.8 M	2860.7 M
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Output DLIS Files

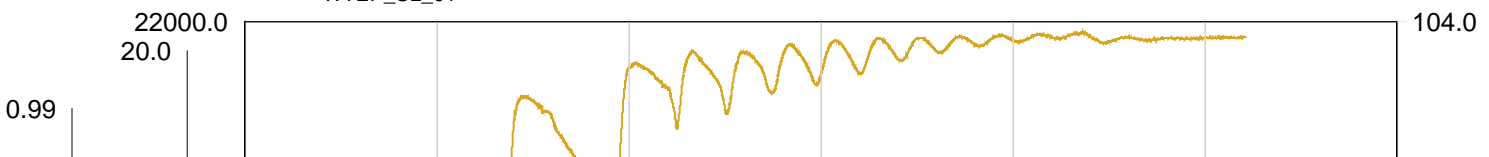
DEFAULT	FCS_ILS_DEFT_GMS_112PUP	FN:48	PRODUCER	07-Jun-2008 07:36
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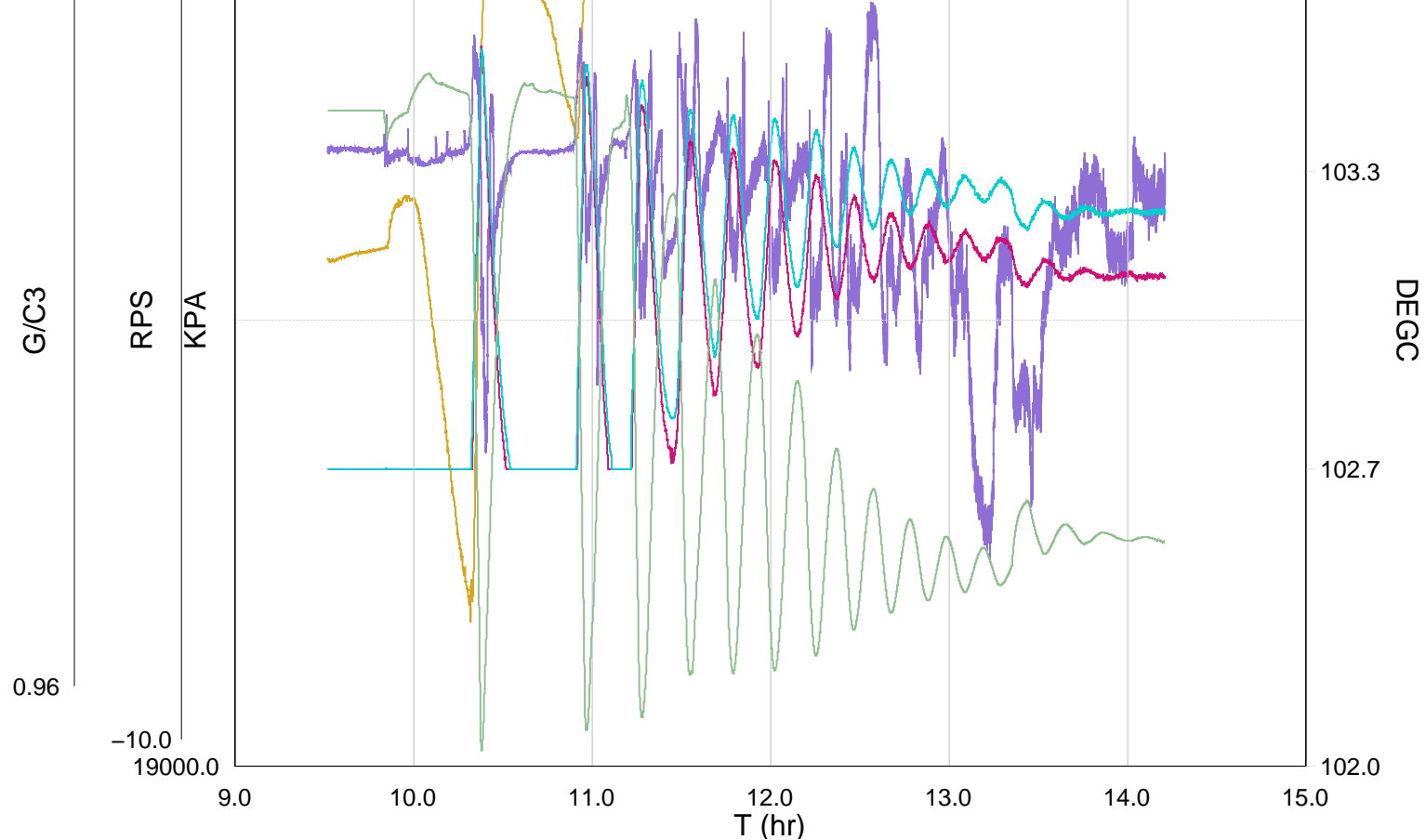


Flow the Well
Station @ 2390m MDKB

MAXIS Field Log

SPI1_SL_01
 SPIN_SL_01
 WFDE_SL_01
 WPRE_SL_01
 WTEP_SL_01





TIME	4.5"Spinner	Turbine	Holdup	Average Density	DEGF	
5280.0	0.0000	0.0000	1.0000	0.9808	217.6449	3
5520.0	0.0000	0.0000	1.0000	0.9806	217.6472	3
5760.0	0.0000	0.0000	1.0000	0.9808	217.6612	3
6000.0	0.0000	0.0000	1.0000	0.9808	217.6727	3
6240.0	0.0000	0.0000	1.0000	0.9807	217.6809	3
6480.0	0.0000	0.0000	1.0000	0.9803	217.6916	3
6720.0	0.0000	0.0000	1.0000	0.9807	217.8629	3
6960.0	0.0000	0.0000	1.0000	0.9804	217.8937	3
7200.0	0.0000	0.0000	1.0000	0.9803	217.7691	3
7440.0	0.0000	0.0000	1.0000	0.9804	217.3718	3
7680.0	0.0000	0.0000	1.0000	0.9805	217.0072	3
7920.0	0.0000	0.0000	1.0000	0.9806	216.5753	3
8160.0	0.0000	0.0000	1.0000	0.9808	216.2857	3
8400.0	13.0544	13.1658	0.9961	0.9821	218.2745	2
8640.0	7.8897	6.6945	0.9975	0.9816	218.9145	2
8880.0	1.7094	0.6513	1.0000	0.9797	218.8983	3
9120.0	0.0000	0.0000	1.0000	0.9805	218.8631	3
9360.0	0.0000	0.0000	1.0000	0.9806	218.7709	3
9600.0	0.0000	0.0000	1.0000	0.9806	218.7049	3
9840.0	0.0000	0.0000	1.0000	0.9807	218.5973	3
10080.0	0.0000	0.0000	1.0000	0.9808	218.3481	3
10320.0	0.0000	0.0000	1.0000	0.9817	218.1445	3
10560.0	13.5618	13.0820	0.9976	0.9785	218.9260	2
10800.0	6.8043	5.6184	0.9987	0.9788	219.0429	2
11040.0	0.4578	0.0000	1.0000	0.9807	219.0140	3
11280.0	0.0000	0.0000	1.0000	0.9809	218.9563	3
11520.0	6.4018	5.4712	0.9965	0.9837	218.8439	2
11760.0	11.7128	10.7139	0.9981	0.9782	219.0652	2
12000.0	4.9428	3.5859	0.9976	0.9805	219.0543	2

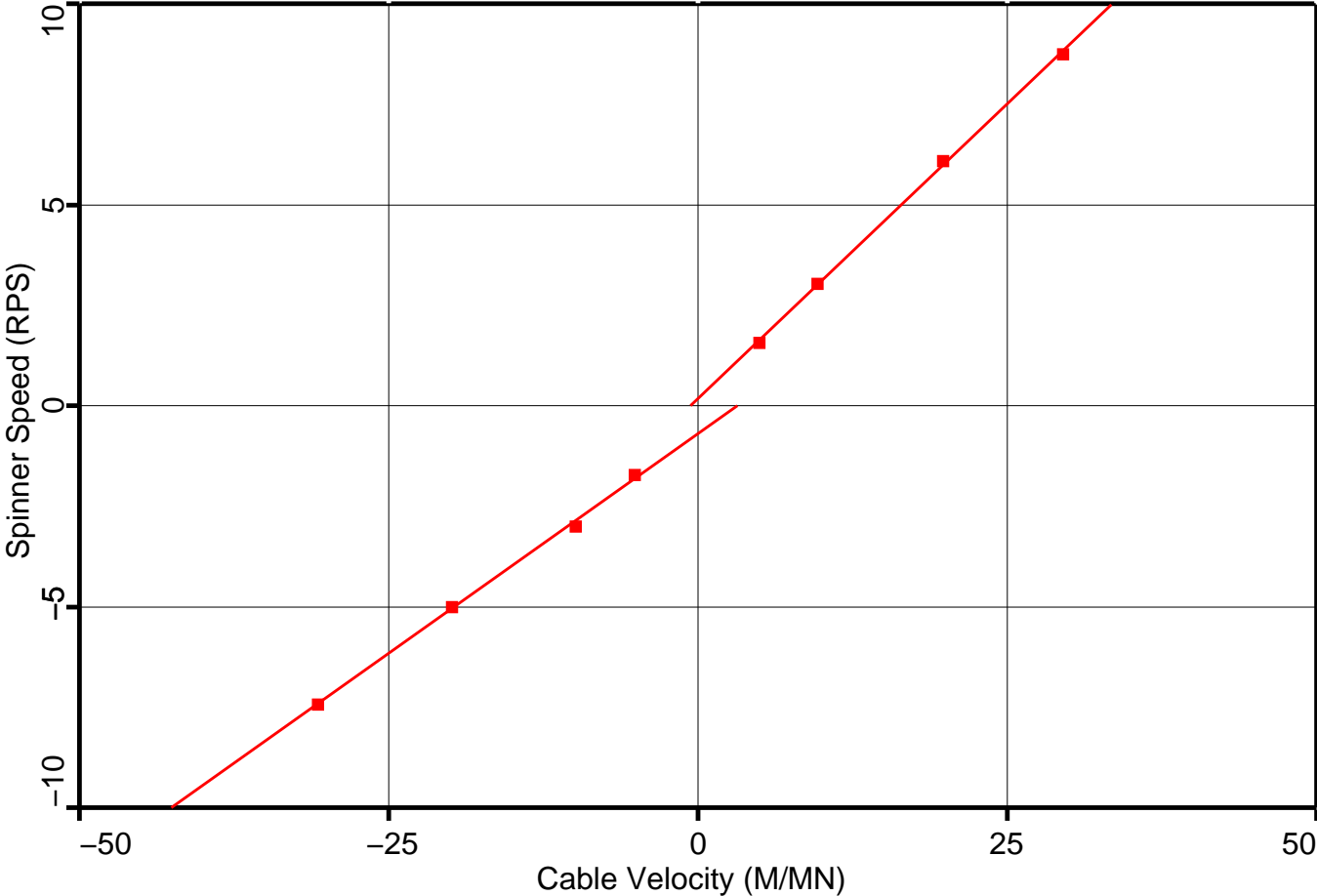
12240.0	1.7468	0.4530	1.0000	0.9774	218.9983	3
12480.0	7.6526	6.0308	0.9994	0.9823	218.8546	2
12720.0	11.1747	10.0423	0.9983	0.9832	219.0726	2
12960.0	6.2181	4.8506	0.9998	0.9794	219.0715	2
13200.0	4.6375	3.1184	1.0000	0.9819	218.9941	2
13440.0	11.3895	10.1717	0.9959	0.9788	218.9850	2
13680.0	9.0457	7.7138	0.9960	0.9783	219.1137	2
13920.0	5.3356	3.8462	0.9995	0.9802	219.0604	2
14160.0	8.2763	6.4907	0.9956	0.9804	218.9619	2
14400.0	11.4666	10.1886	0.9969	0.9769	219.1044	2
14640.0	7.5202	6.0565	0.9970	0.9794	219.1172	2
14880.0	6.5999	4.9421	0.9987	0.9798	219.0345	2
15120.0	11.0715	9.5807	0.9951	0.9761	219.0551	2
15360.0	9.4064	7.8948	0.9977	0.9825	219.1350	2
15600.0	7.4182	5.7204	0.9988	0.9756	219.0871	2
15840.0	10.1630	8.4147	0.9960	0.9740	219.0657	2
16080.0	9.8193	8.0543	0.9970	0.9773	219.1383	2
16320.0	8.0728	6.4238	0.9983	0.9854	219.1112	2
16560.0	9.7310	7.8795	0.9969	0.9744	219.0885	2
16800.0	9.9547	8.1728	0.9968	0.9756	219.1406	2
17040.0	8.6262	6.9270	0.9980	0.9796	219.1286	2
17280.0	9.4402	7.6097	0.9976	0.9737	219.1104	2
17520.0	9.8334	8.0197	0.9988	0.9785	219.1434	2
17760.0	8.9364	7.0680	0.9987	0.9801	219.1373	2
18000.0	9.3496	7.4415	0.9968	0.9758	219.1248	2
18240.0	9.6692	7.8586	0.9986	0.9746	219.1488	2
18480.0	9.0266	7.1347	0.9973	0.9692	219.1490	2
18720.0	9.2940	7.3568	0.9965	0.9684	219.1363	2
18960.0	9.6043	7.7374	0.9964	0.9776	219.1522	2
19200.0	8.6445	6.7371	0.9975	0.9719	219.1584	2
19440.0	8.0297	6.0940	0.9973	0.9724	219.1305	2
19680.0	8.8299	6.7768	0.9951	0.9722	219.1248	2
19920.0	8.8658	6.8298	0.9987	0.9774	219.1411	2
20160.0	8.4743	6.4242	0.9940	0.9773	219.1348	2
20400.0	8.6387	6.5383	0.9981	0.9785	219.1307	2
20640.0	8.7726	6.6648	0.9964	0.9800	219.1356	2
20880.0	8.5182	6.5080	0.9970	0.9790	219.1392	2
21120.0	8.5631	6.4748	0.9977	0.9770	219.1355	2
21360.0	8.6504	6.5227	0.9976	0.9765	219.1383	2
21600.0	8.6571	6.5062	0.9964	0.9806	219.1380	2
21840.0	8.5761	6.3709	0.9971	0.9795	219.1393	2
22080.0	8.7143	6.3788	0.9972	0.9797	219.1408	2



Static Spinner Calibration

MAXIS Field Log

	Zone Depth (M)	Fluid Vel. (M/MN)	Positive Spinner			Negative Spinner		
			Slope (RSMM)	Intercept (M/MN)	Correl.	Slope (RSMM)	Intercept (M/MN)	Correl.
■ ■ Zone 1 2885.0 – 2875.0 :		1.\$	0.2941	-0.6	1	0.2186	3.2	0.999



Static MultiPass Up & Down
@ 5 – 10 – 20 – 30 m/mir

MAXIS Field Log

PLQL Passes Summary

Pass # 1: Src: PLQL_CS, Log: UP , Avg.CS: 9 M/MN

Pass # 2: Src: PLQL_CS, Log: DOWN , Avg.CS: 9 M/MN
Pass # 3: Src: PLQL_CS, Log: UP , Avg.CS: 19 M/MN
Pass # 4: Src: PLQL_CS, Log: DOWN , Avg.CS: 19 M/MN
Pass # 5: Src: PLQL_CS, Log: UP , Avg.CS: 5 M/MN
Pass # 6: Src: PLQL_CS, Log: DOWN , Avg.CS: 5 M/MN
Pass # 7: Src: PLQL_CS, Log: UP , Avg.CS: 29 M/MN
Pass # 8: Src: PLQL_CS, Log: DOWN , Avg.CS: 30 M/MN

Company: Esso Australia Pty Ltd.

Well: B-8

PLQL Data Manager Files

Pass # 1
Pass # 2
Pass # 3
Pass # 4
Pass # 5
Pass # 6
Pass # 7
Pass # 8

Company: Esso Australia Pty Ltd.

Well: B-8

Output DLIS Files

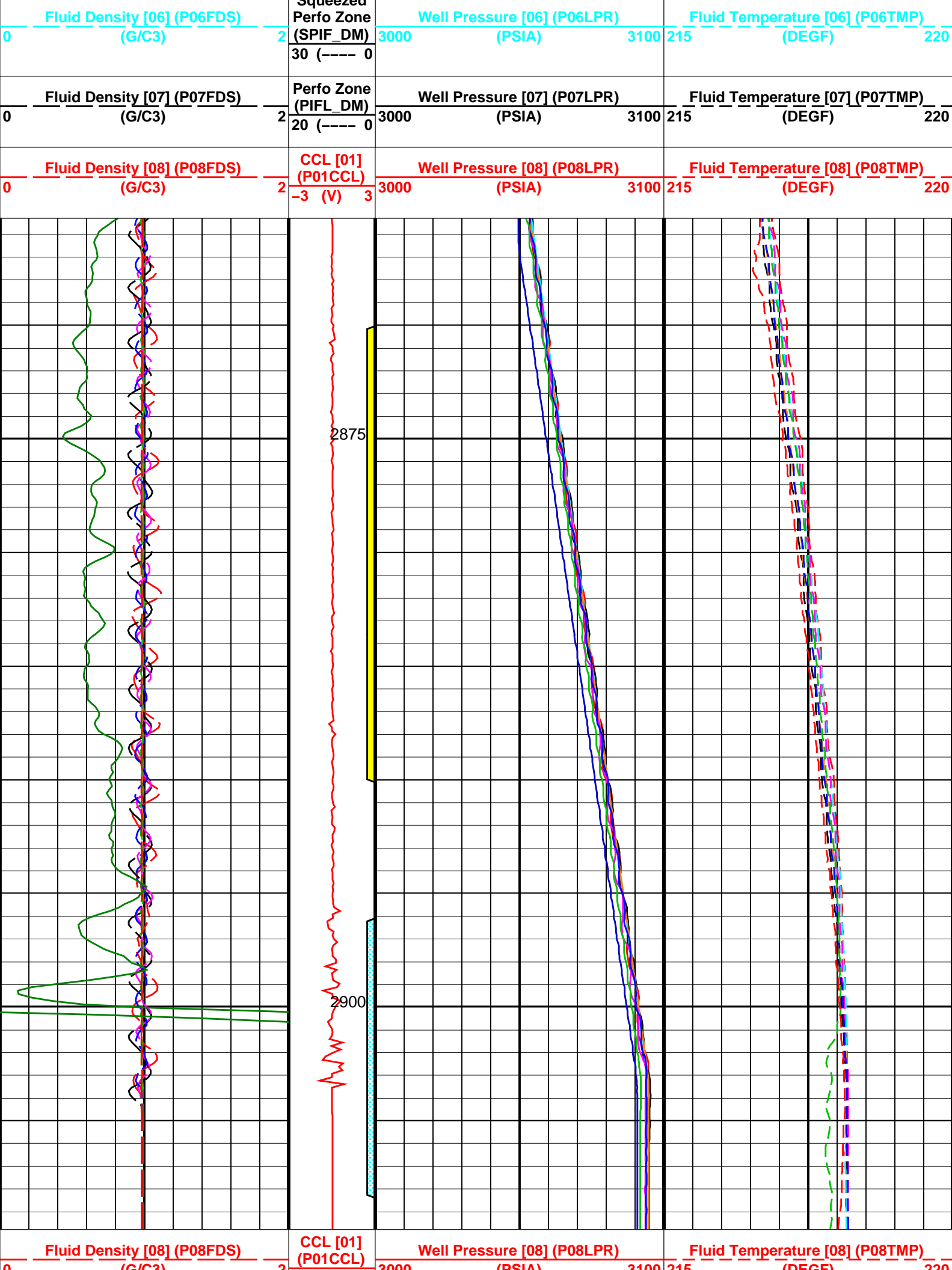
DEFAULT FCS_ILS_DEFT_GMS_123PUP FN:59 PRODUCER 07-Jun-2008 09:44 2909.8 M 2865.3 M

OP System Version: 15C0-309

MCM

PFCS-A SRPC-3546-Q1_2008_OP15 PILS-A SRPC-3546-Q1_2008_OP15
DEFT-C2 SRPC-3546-Q1_2008_OP15 PGMC-A SRPC-3546-Q1_2008_OP15
PSPT-B SRPC-3546-Q1_2008_OP15

Gamma-Ray [01] (P01LGR) 0 (GAPI) 150			
Fluid Density [01] (P01FDS) 0 (G/C3) 2		Well Pressure [01] (P01LPR) 3000 (PSIA) 3100	Fluid Temperature [01] (P01TMP) 215 (DEGF) 220
Fluid Density [02] (P02FDS) 0 (G/C3) 2		Well Pressure [02] (P02LPR) 3000 (PSIA) 3100	Fluid Temperature [02] (P02TMP) 215 (DEGF) 220
Fluid Density [03] (P03FDS) 0 (G/C3) 2		Well Pressure [03] (P03LPR) 3000 (PSIA) 3100	Fluid Temperature [03] (P03TMP) 215 (DEGF) 220
Fluid Density [04] (P04FDS) 0 (G/C3) 2		Well Pressure [04] (P04LPR) 3000 (PSIA) 3100	Fluid Temperature [04] (P04TMP) 215 (DEGF) 220
Fluid Density [05] (P05FDS) 0 (G/C3) 2		Well Pressure [05] (P05LPR) 3000 (PSIA) 3100	Fluid Temperature [05] (P05TMP) 215 (DEGF) 220



PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		
Output DLIS Files			
DEFAULT	FCS_ILS_DEFT_GMS_123PUP	FN:59	PRODUCER 07-Jun-2008 09:44

Company: Esso Australia Pty Ltd. Well: B-8

PLQL Passes Summary
Pass # 1: Src: PLQL_CS, Log: UP , Avg.CS: 9 M/MN Pass # 2: Src: PLQL_CS, Log: DOWN , Avg.CS: 9 M/MN Pass # 3: Src: PLQL_CS, Log: UP , Avg.CS: 19 M/MN Pass # 4: Src: PLQL_CS, Log: DOWN , Avg.CS: 19 M/MN Pass # 5: Src: PLQL_CS, Log: UP , Avg.CS: 5 M/MN Pass # 6: Src: PLQL_CS, Log: DOWN , Avg.CS: 5 M/MN Pass # 7: Src: PLQL_CS, Log: UP , Avg.CS: 29 M/MN Pass # 8: Src: PLQL_CS, Log: DOWN , Avg.CS: 30 M/MN

Company: Esso Australia Pty Ltd. Well: B-8

PLQL Data Manager Files
Pass # 1
Pass # 2
Pass # 3
Pass # 4
Pass # 5
Pass # 6
Pass # 7
Pass # 8

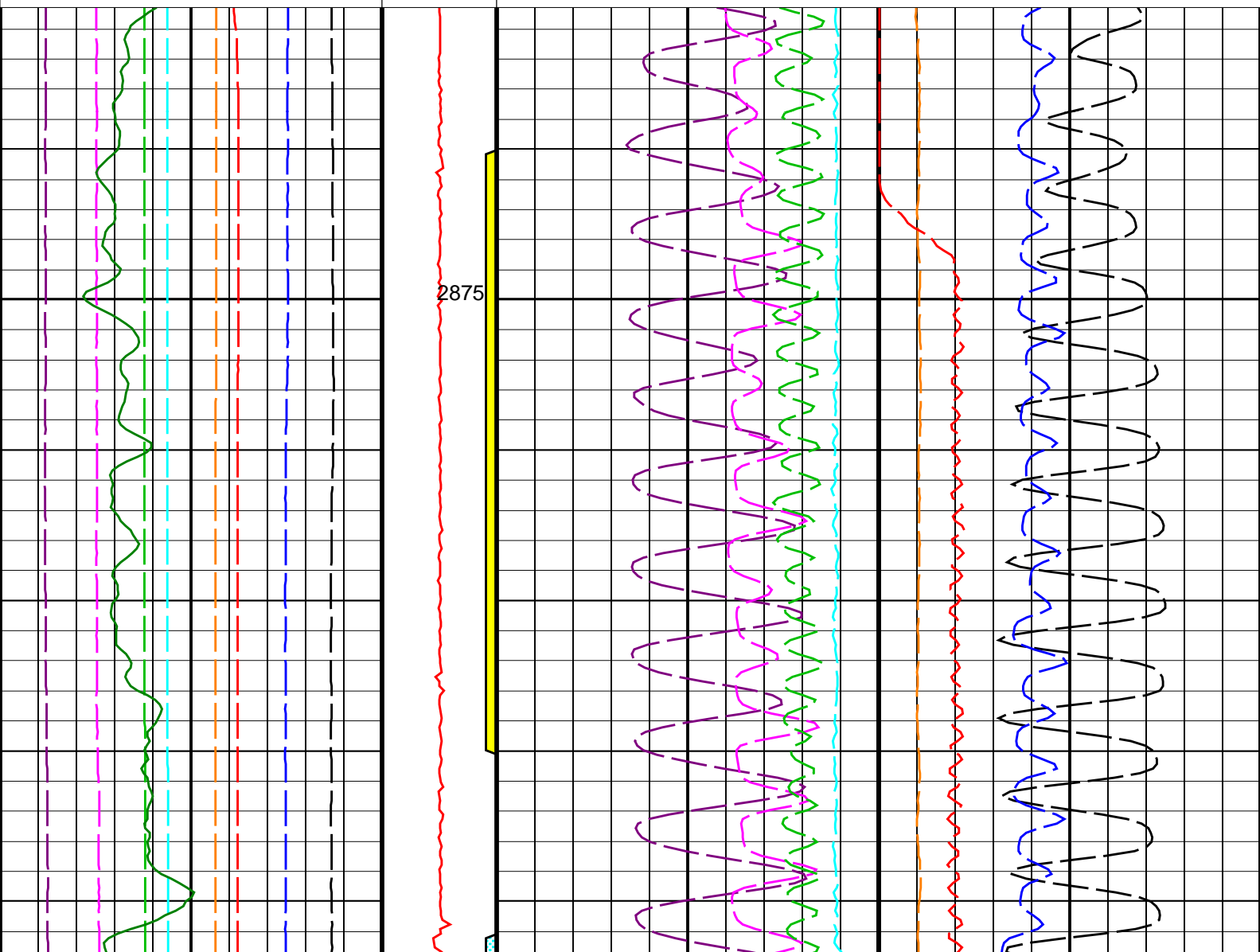
Company: Esso Australia Pty Ltd. Well: B-8

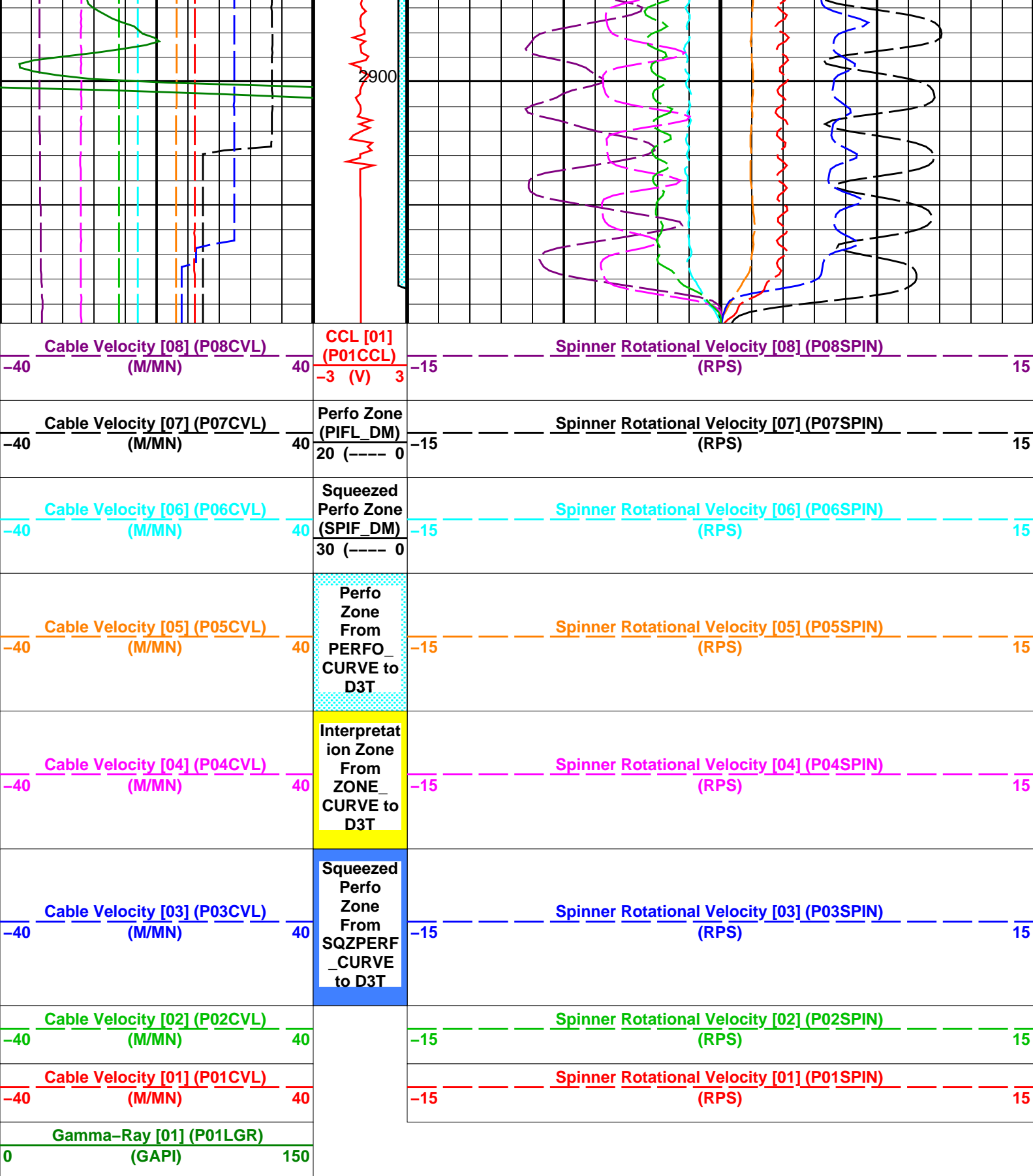
Output DLIS Files						
DEFAULT	FCS_ILS_DEFT_GMS_123PUP	FN:59	PRODUCER	07-Jun-2008 09:44	2909.8 M	2865.3 M

OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Gamma-Ray [01] (P01LGR)		
0 (GAPI) 150		
Cable Velocity [01] (P01CVL)	Spinner Rotational Velocity [01] (P01SPIN)	
-40 (M/MN) 40	-15 (RPS) 15	
Cable Velocity [02] (P02CVL)	Spinner Rotational Velocity [02] (P02SPIN)	
-40 (M/MN) 40	-15 (RPS) 15	
Cable Velocity [03] (P03CVL)	Spinner Rotational Velocity [03] (P03SPIN)	

-40	(M/MN)	40	FROM SQZPERF _CURVE to D3T	-15	(RPS)	15
-40	Cable Velocity [04] (P04CVL) (M/MN)	40	Interpretat ion Zone From ZONE_ CURVE to D3T	-15	Spinner Rotational Velocity [04] (P04SPIN) (RPS)	15
-40	Cable Velocity [05] (P05CVL) (M/MN)	40	Perfo Zone From PERFO_ CURVE to D3T	-15	Spinner Rotational Velocity [05] (P05SPIN) (RPS)	15
-40	Cable Velocity [06] (P06CVL) (M/MN)	40	Squeezed Perfo Zone (SPIF_DM) 30 (---- 0	-15	Spinner Rotational Velocity [06] (P06SPIN) (RPS)	15
-40	Cable Velocity [07] (P07CVL) (M/MN)	40	Perfo Zone (PIFL_DM) 20 (---- 0	-15	Spinner Rotational Velocity [07] (P07SPIN) (RPS)	15
-40	Cable Velocity [08] (P08CVL) (M/MN)	40	CCL [01] (P01CCL) -3 (V) 3	-15	Spinner Rotational Velocity [08] (P08SPIN) (RPS)	15





Parameters			
DLIS Name	Description	Value	
CSID	PFCS-A: PSP Flow and caliper Tool Casing Size I.D.	6.875	IN
CSID	DEFT-C2: DEFT_C Tool Casing Size I.D.	6.875	IN
CSID	PGMC-A: PSP Gradiomanometer Measurement Module Casing Size I.D.	6.875	IN
CSID	PSRT-B: Production Services Logging Platform		

CSID	PSPT-B: Production Services Logging Platform	Casing Size I.D.	6.875	IN
CSID	BORDYN: BorDyn (Well Test Validation)	Casing Size I.D.	6.875	IN
	PLQL: Production Logging Quick Look			
CCLS		CCL Selector	CCLC	
FCHD		Cased Hole Diameter Selector	PFC1	
PCVS		CVEL Selector	CVEL	
PGRS		GR Selector	GR	
PGS		Pressure Gauge Selector	WPRE	
PWHS		PLQL Water HoldUp Selector	DFHM	
RHOS		Fluid Density Selector	WFDE	
SPIS		Spinner Selector	SPIN	
TMPS		Temperature Selector	WTEP	
	System and Miscellaneous			
DO		Depth Offset for Playback	2.9	M
PP		Playback Processing	NORMAL	


Format: PLQLMultipass Spinners

Vertical Scale: 1:200

Graphics File Created: 07-Jun-2008 09:44

OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Output DLIS Files			
DEFAULT	FCS_ILS_DEFT_GMS_123PUP	FN:59	PRODUCER 07-Jun-2008 09:44



Static Pass Up @

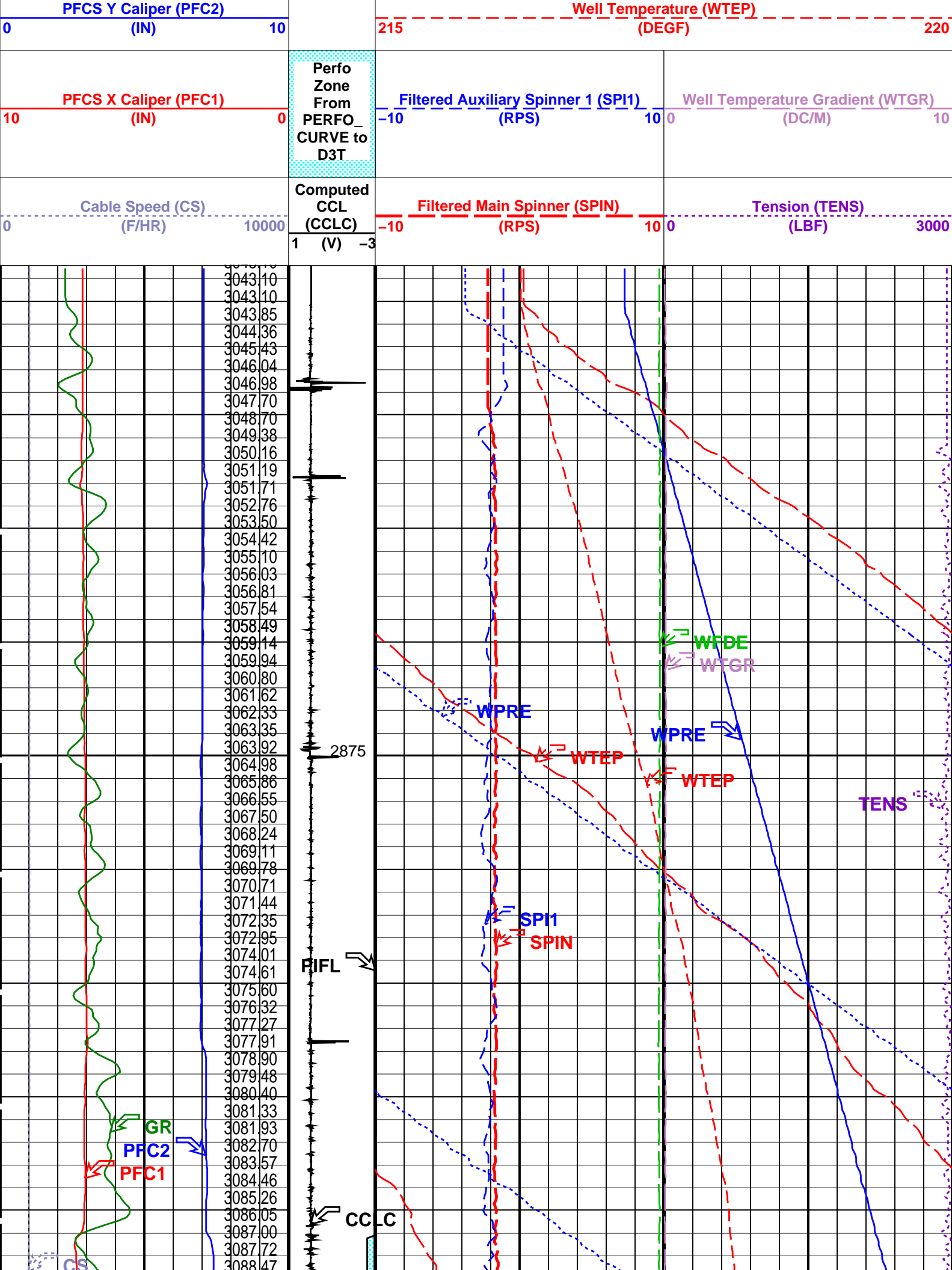
5m/min (980ft/min)

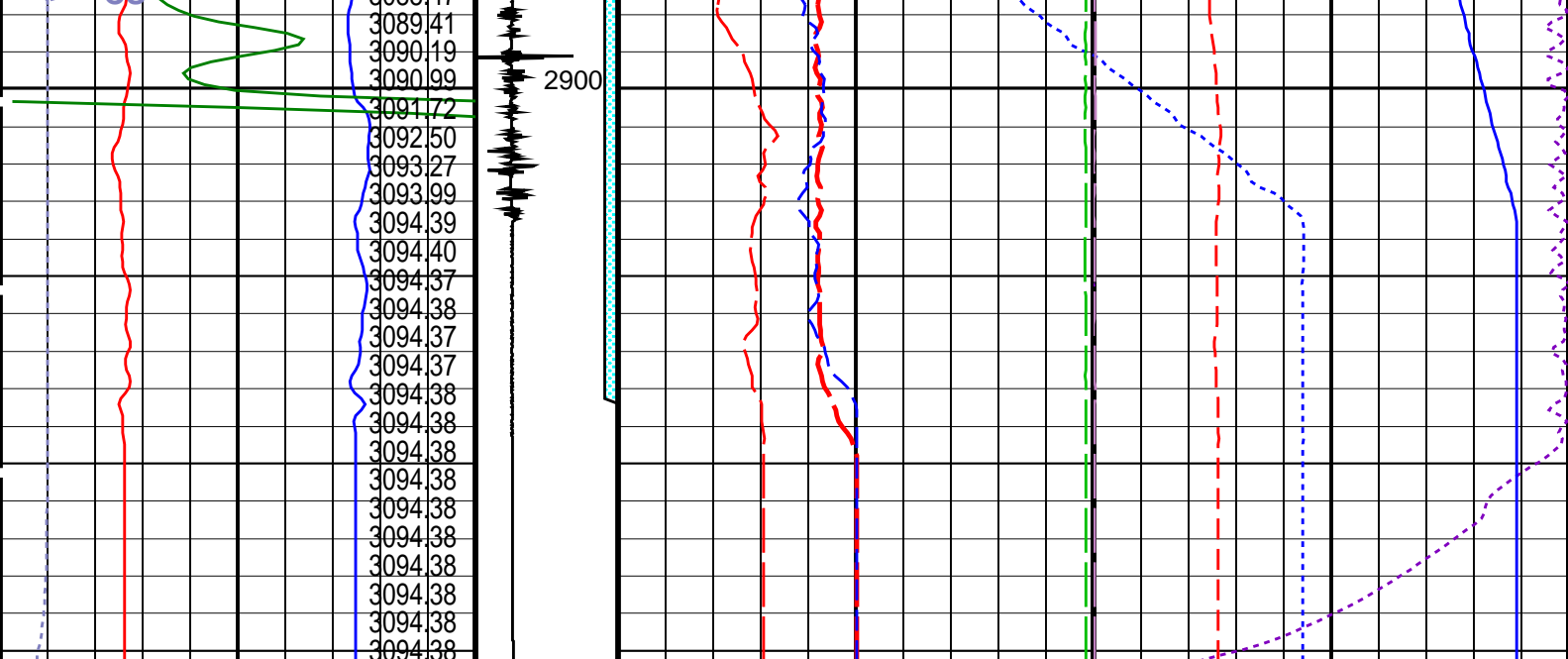
MAXIS Field Log

Input DLIS Files			
DEFAULT	FCS_ILS_DEFT_GMS_029LUP	FN:28	PRODUCER 06-Jun-2008 10:09 2913.9 M 2851.6 M
Output DLIS Files			
DEFAULT	FCS_ILS_DEFT_GMS_107PUP	FN:7	PRODUCER 06-Jun-2008 11:13 2915.3 M 2853.4 M

OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

PIP SUMMARY			
<div> <div> <div>Time Mark Every 60 S</div> <div> <div>Well Pressure (WPRE) (PSIA)</div> <div>Gamma Ray (GR) (GAPI)</div> </div> </div> <div> <div>Well Fluid Density (WFDE) (G/C3)</div> <div>Amplified Well Pressure (WPRE) (PSIA)</div> <div>Well Pressure (WPRE) (PSIA)</div> <div>Well Temperature (WTEP) (DEGF)</div> </div> </div>			
0			2
0			20
3000			3100
0			1





Cable Speed (CS) (F/HR)		0	10000
PFCS X Caliper (PFC1) (IN)		10	0
PFCS Y Caliper (PFC2) (IN)		0	10
Gamma Ray (GR) (GAPI)		0	150
Well Pressure (WPRES) (PSIA)		3000	3100
Amplified Well Pressure (WPRES) (PSIA)		0	20
Well Fluid Density (WFDE) (G/C3)		0	2

Time Mark Every 60 S

Format: PSP_1 Vertical Scale: 1:200 Graphics File Created: 06-Jun-2008 11:13

OP System Version: 15C0-309			
MCM			
PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Parameters		
DLIS Name	Description	Value
PFCS-A:	PSP Flow and caliper Tool	
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE
GDEV	Average Angular Deviation of Borehole from Normal	35 DEG
SDCF	Spinner Depth Constant Filter	6
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5
PILS-A:	PSP In Line Spinner Flowmeter	

AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SDCF	Spinner Depth Constant Filter	6	
SP11	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
PGMC-A: PSP Gradiomanometer Measurement Module			
GCPG	Gradio Surf.Cal Diff.Pres Gain	1	
GCPO	Gradio Surf.Cal Diff.Pres Offset	0	KPAA
PDSH	Gradio Correction Density Shift	0	G/C3
PSPT-B: Production Services Logging Platform			
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
System and Miscellaneous			
DO	Depth Offset for Playback	1.3	M
PP	Playback Processing	NORMAL	

Input DLIS Files

DEFAULT	FCS_ILS_DEFT_GMS_029LUP	FN:28	PRODUCER	06-Jun-2008 10:09	2913.9 M	2851.6 M
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Output DLIS Files

DEFAULT	FCS_ILS_DEFT_GMS_107PUP	FN:7	PRODUCER	06-Jun-2008 11:13
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Input DLIS Files

DEFAULT	FCS ILS DEFT GMS 029LUP	FN:28	PRODUCER	06-Jun-2008 10:09	2913.9 M	2851.6 M
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Output DLIS Files

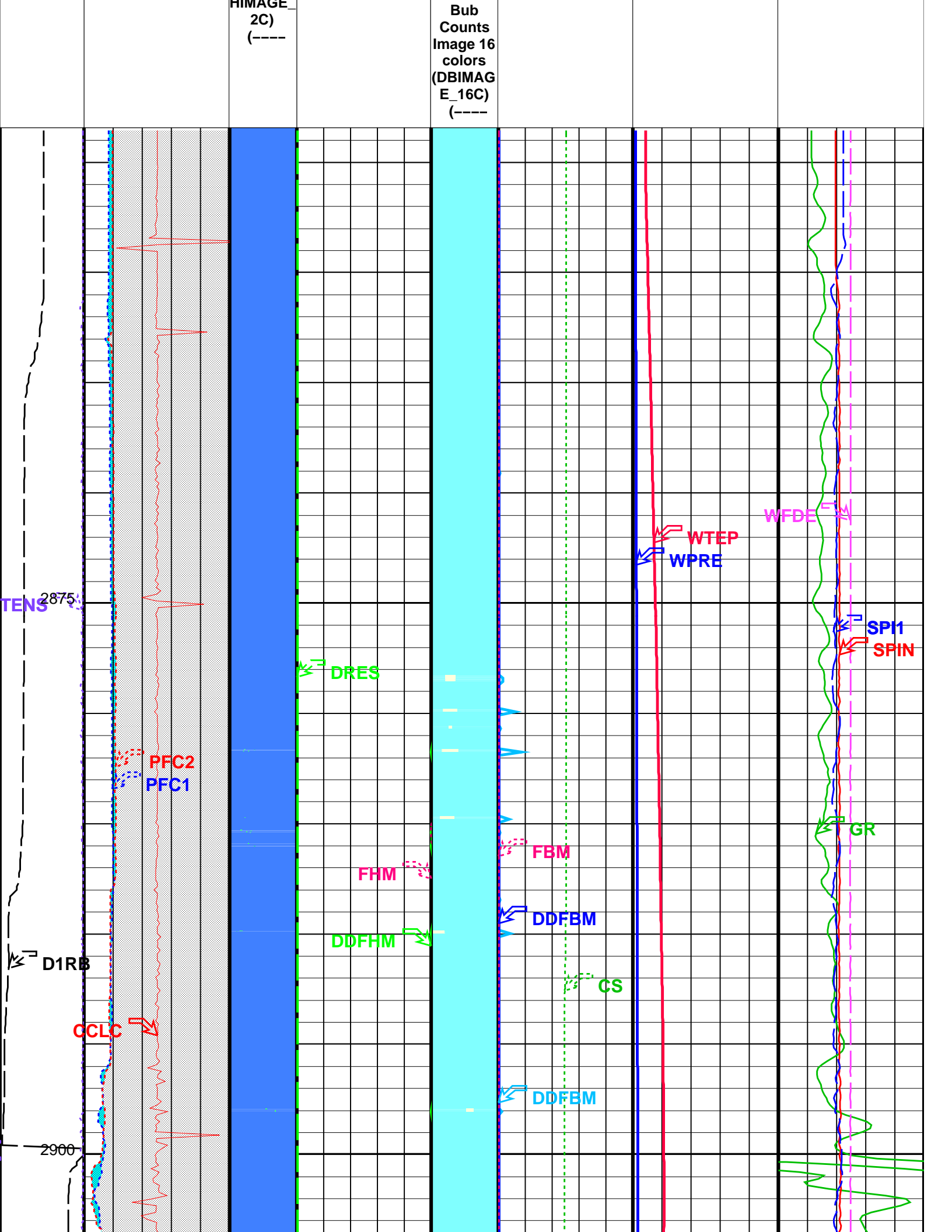
DEFAULT	FCS_ILS_DEFT_GMS_107PUP	FN:7	PRODUCER	06-Jun-2008 11:13	2915.3 M	2853.4 M
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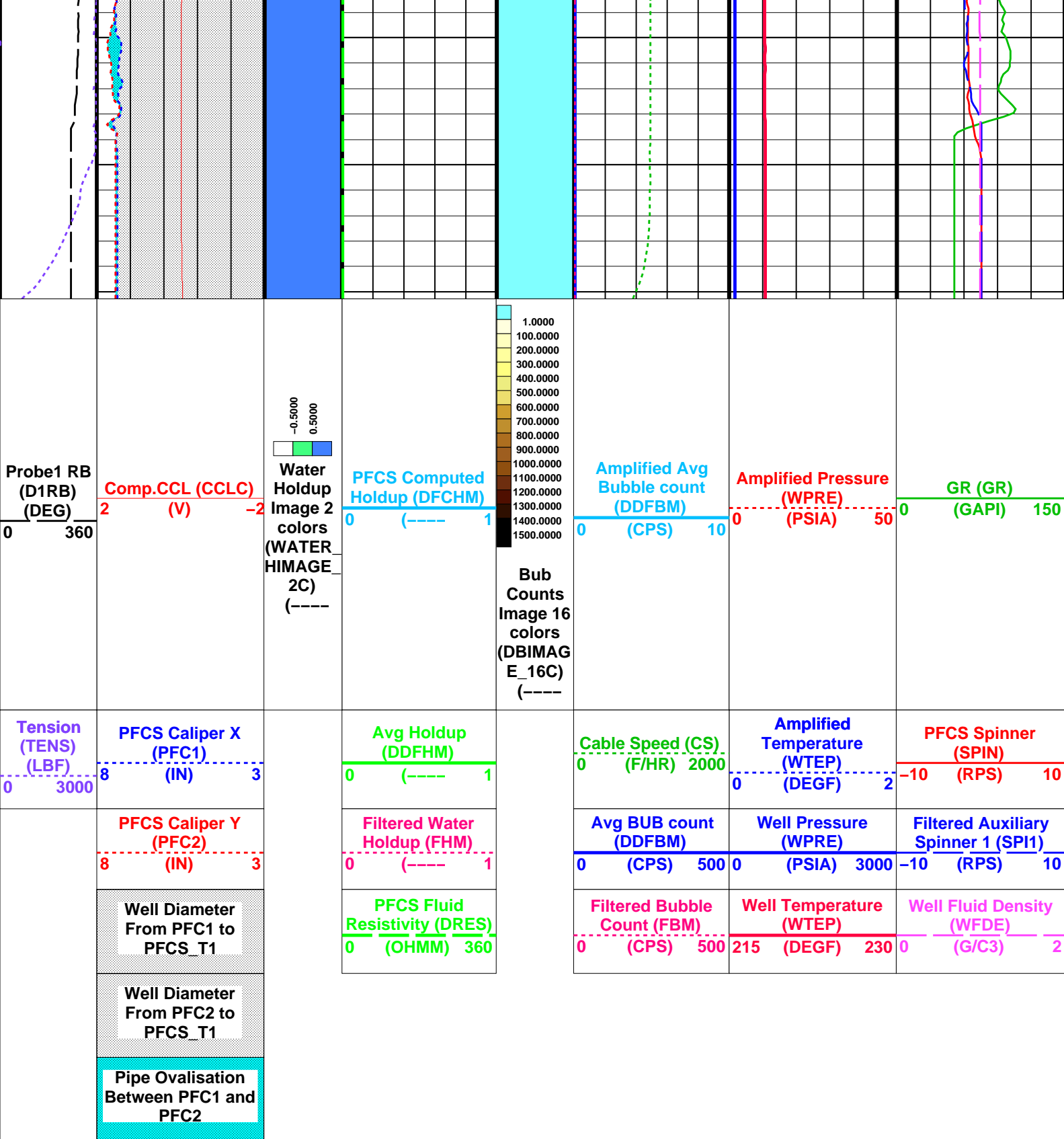
OP System Version: 15C0-309

MCM

PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

<div>Pipe Ovalisation Between PFC1 and PFC2</div>											
<div>Well Diameter From PFC2 to PFCS_T1</div>											
<div>Well Diameter From PFC1 to PFCS_T1</div>		<div>PFCS Fluid Resistivity (DRES) 0 (OHMM) 360</div>		<div>Filtered Bubble Count (FBM) 0 (CPS) 500</div>		<div>Well Temperature (WTEP) 215 (DEGF) 230</div>		<div>Well Fluid Density (WFDE) 0 (G/C3) 2</div>			
<div>PFCS Caliper Y (PFC2) 8 (IN) 3</div>		<div>Filtered Water Holdup (FHM) 0 (----) 1</div>		<div>Avg BUB count (DDFBM) 0 (CPS) 500</div>		<div>Well Pressure (WPRES) 0 (PSIA) 3000</div>		<div>Filtered Auxiliary Spinner 1 (SPI1) -10 (RPS) 10</div>			
<div>Tension (TENS) (LBF) 0 3000</div>		<div>PFCS Caliper X (PFC1) 8 (IN) 3</div>		<div>Avg Holdup (DDFHM) 0 (----) 1</div>		<div>Cable Speed (CS) 0 (F/HR) 2000</div>		<div>Amplified Temperature (WTEP) 0 (DEGF) 2</div>		<div>PFCS Spinner (SPIN) -10 (RPS) 10</div>	
<div>Probe1 RB (D1RB) (DEG) 0 360</div>		<div>Comp.CCL (CCLC) 2 (V) -2</div>		<div>PFCS Computed Holdup (DFCHM) 0 (----) 1</div>		<div>Amplified Avg Bubble count (DDFBM) 0 (CPS) 10</div>		<div>Amplified Pressure (WPRES) 0 (PSIA) 50</div>		<div>GR (GR) (GAPI) 150</div>	
		<div>Water Holdup Image 2 colors (WATER IMAGE)</div>		<div>1.0000 100.0000 200.0000 300.0000 400.0000 500.0000 600.0000 700.0000 800.0000 900.0000 1000.0000 1100.0000 1200.0000 1300.0000 1400.0000 1500.0000</div>							





Format: PFCS_Image_DL Vertical Scale: 1:200 Graphics File Created: 06-Jun-2008 11:13

OP System Version: 15C0-309

MCM

PFCS-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Parameters

DLIS Name	Description	Value
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PFCS-A: PSP Flow and caliper Tool		
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AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DFFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP	Probes Arm Position	C	
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
PFGC	PFCS Geometrical coefficient	1200	
PFRE1	Downhole Resistor Probe 1	3000	OHMS
PFRE2	Downhole Resistor Probe 2	3000	OHMS
PFRE3	Downhole Resistor Probe 3	3000	OHMS
PFRE4	Downhole Resistor Probe 4	3000	OHMS
SDCF	Spinner Depth Constant Filter	6	
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
	PILS-A: PSP In Line Spinner Flowmeter		
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SDCF	Spinner Depth Constant Filter	6	
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFCS-A_4.5	
	DEFT-C2: DEFT_C Tool		
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DFFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP2	Probes Arm Position (2nd tool)	C	
PFGC	PFCS Geometrical coefficient	1200	
	PGMC-A: PSP Gradiomanometer Measurement Module		
CSID	Casing Size I.D.	6.875	IN
GCPG	Gradio Surf.Cal Diff.Pres Gain	1	
GCPO	Gradio Surf.Cal Diff.Pres Offset	0	KPAA
PDSH	Gradio Correction Density Shift	0	G/C3
	PSPT-B: Production Services Logging Platform		
CSID	Casing Size I.D.	6.875	IN
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
	BORDYN: BorDyn (Well Test Validation)		
CSID	Casing Size I.D.	6.875	IN
	System and Miscellaneous		
DO	Depth Offset for Playback	1.3	M
PP	Playback Processing	NORMAL	

Input DLIS Files

DEFAULT	FCS_ILS_DEFT_GMS_029LUP	FN:28	PRODUCER	06-Jun-2008 10:09	2913.9 M	2851.6 M
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Output DLIS Files

DEFAULT	FCS_ILS_DEFT_GMS_107PUP	FN:7	PRODUCER	06-Jun-2008 11:13
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Schlumberger

Static Pass Down @
5m/min (980ft/min)

MAXIS Field Log

Input DLIS Files

DEFAULT	Flip_FCS_ILS_DEFT_035LUP		PRODUCER	06-Jun-2008 10:09	2913.9 M	2849.0 M
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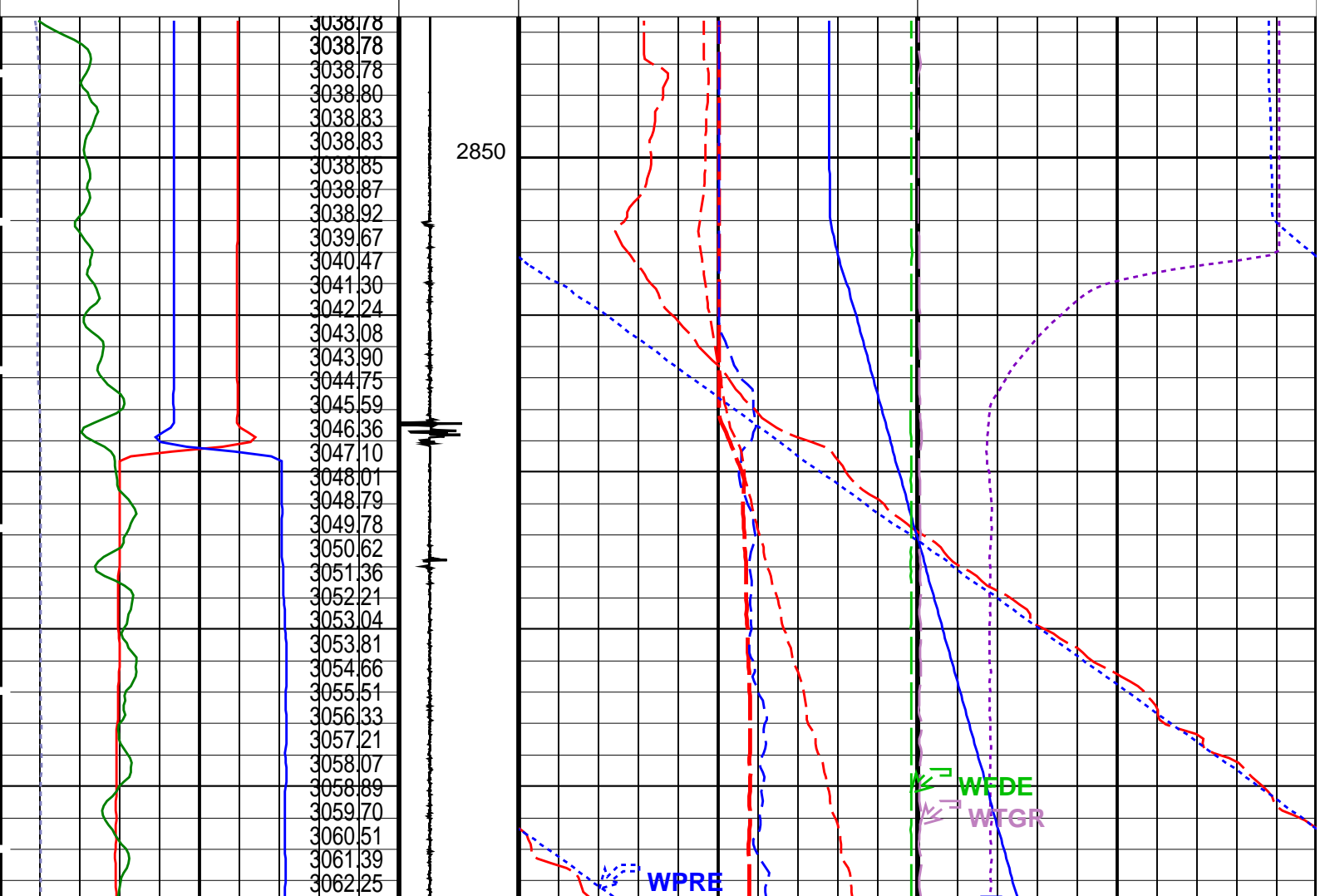
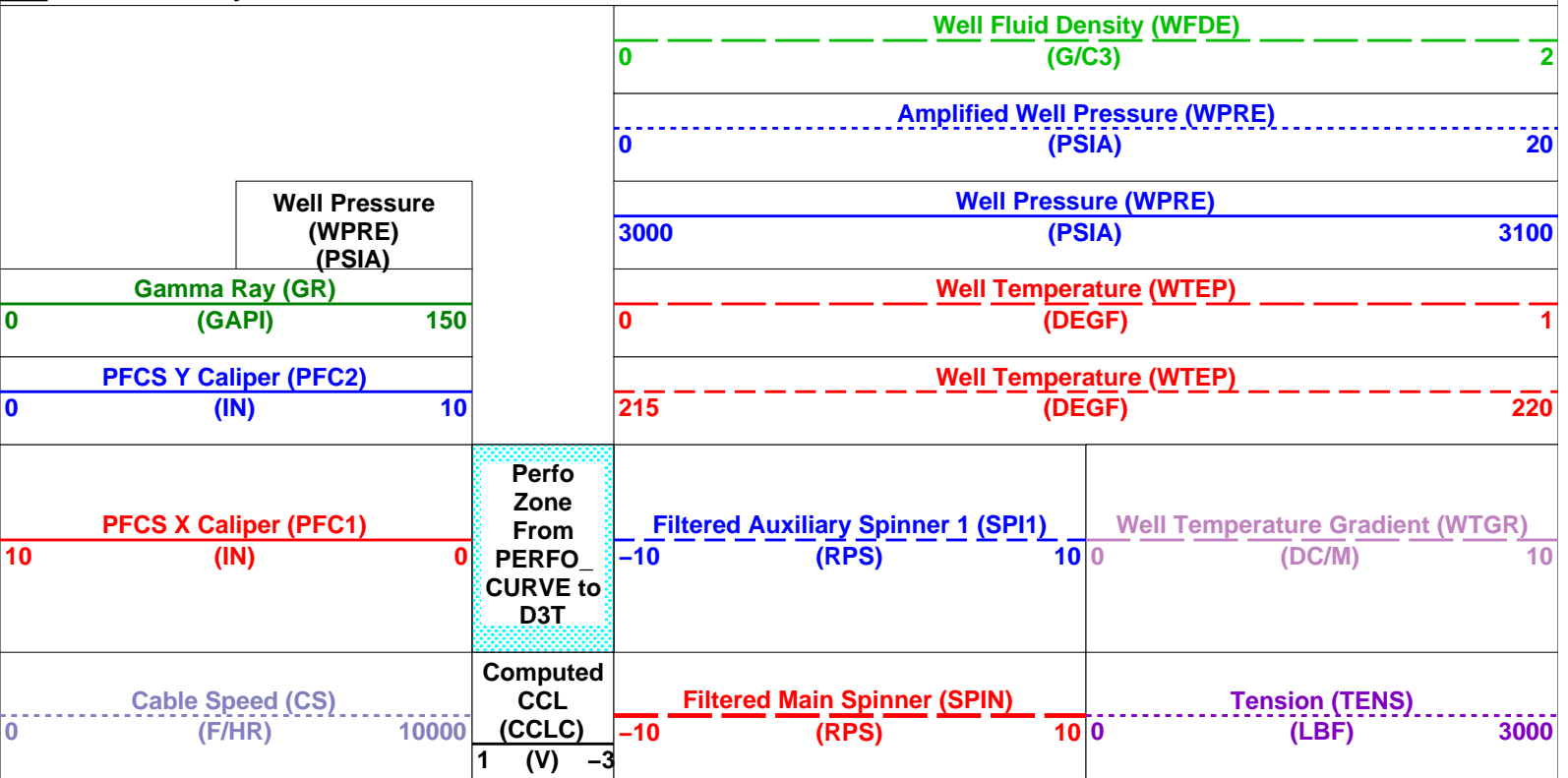
Output DLIS Files

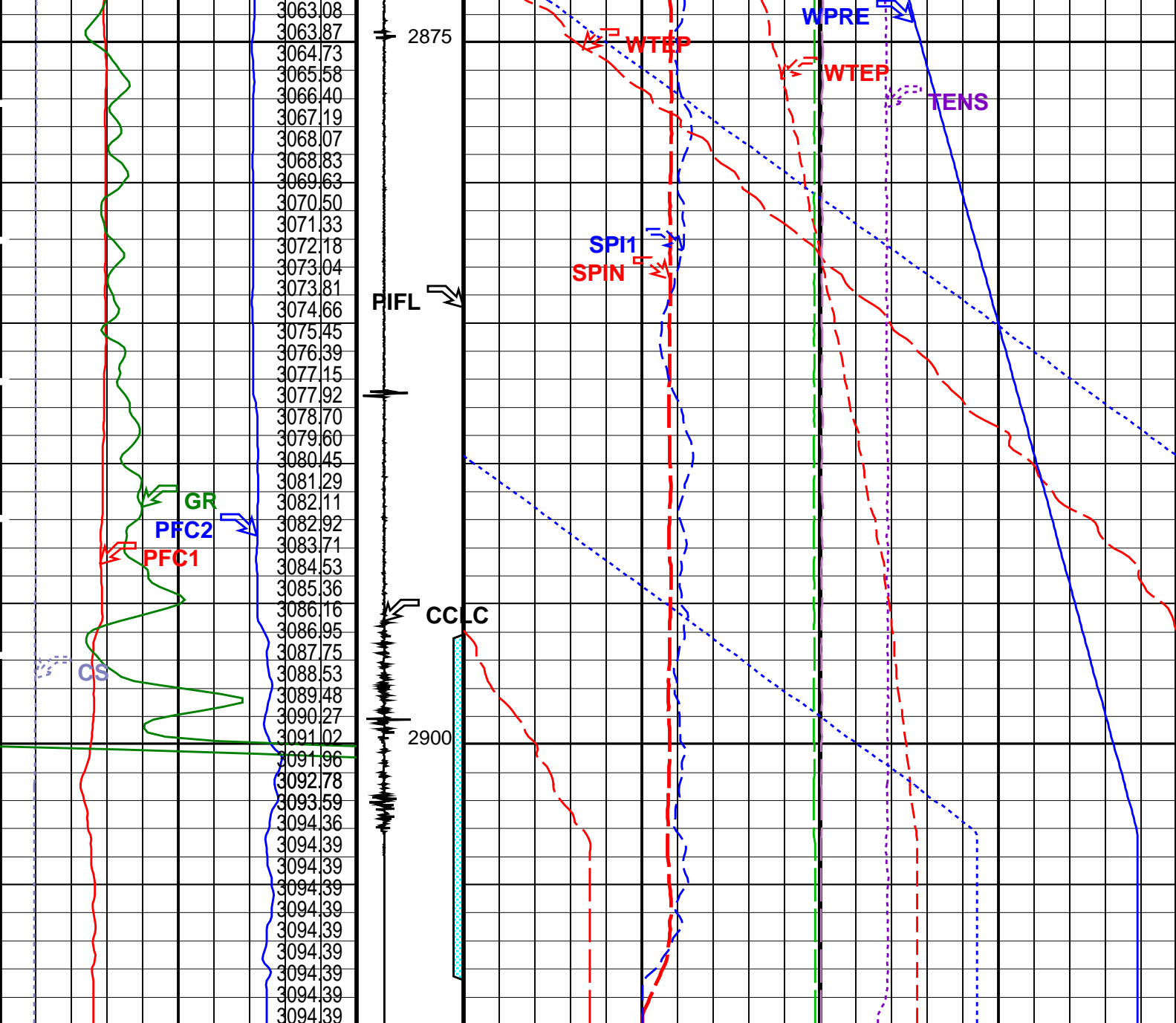
DEFAULT	FCS_ILS_DEFT_GMS_106PUP	FN:6	PRODUCER	06-Jun-2008 11:11	2909.9 M	2845.5 M
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PFCS-A
DEFT-C2
PSPT-BSRPC-3546-Q1_2008_OP15
SRPC-3546-Q1_2008_OP15
SRPC-3546-Q1_2008_OP15PILS-A
PGMC-ASRPC-3546-Q1_2008_OP15
SRPC-3546-Q1_2008_OP15

PIP SUMMARY

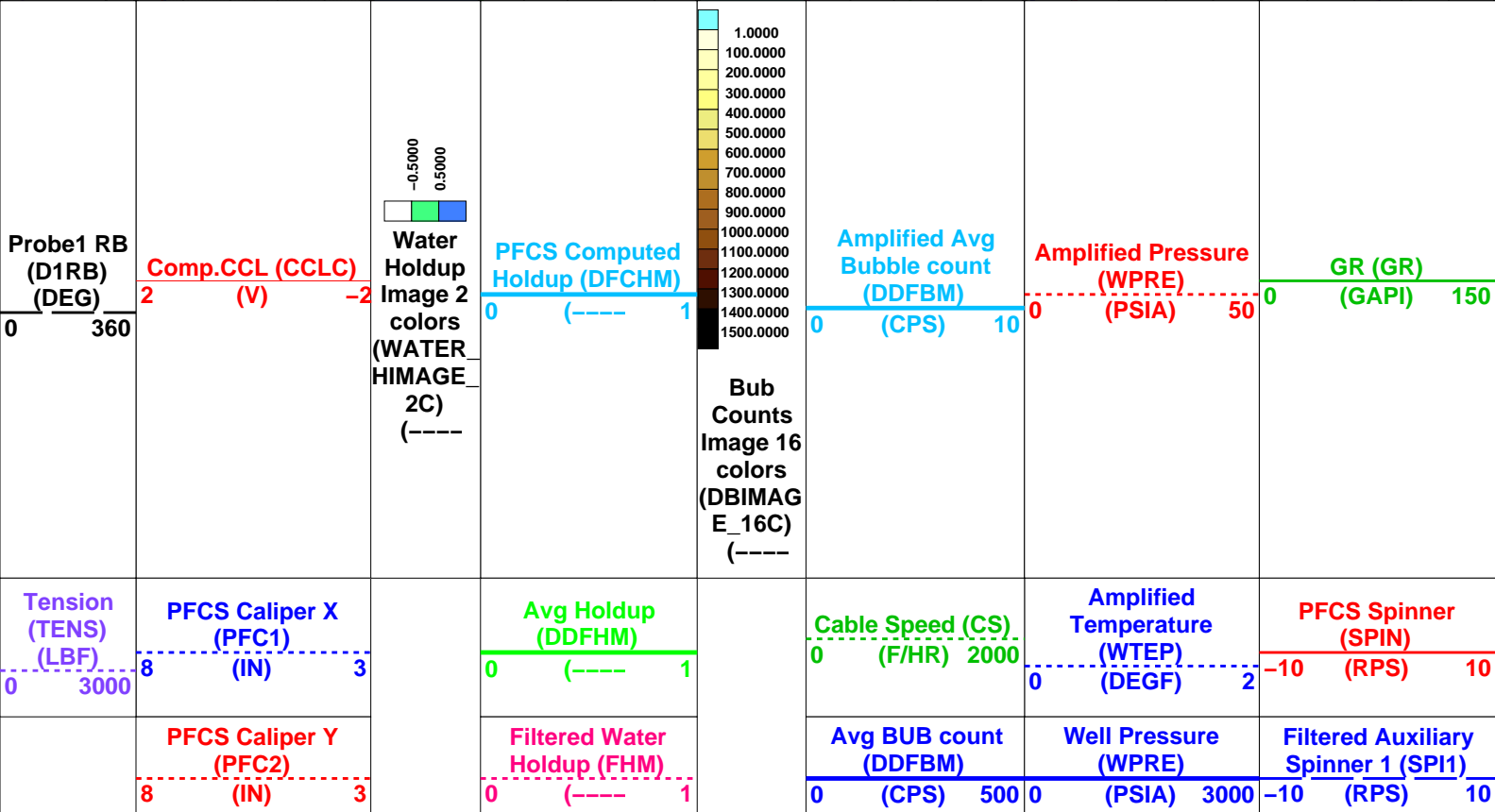
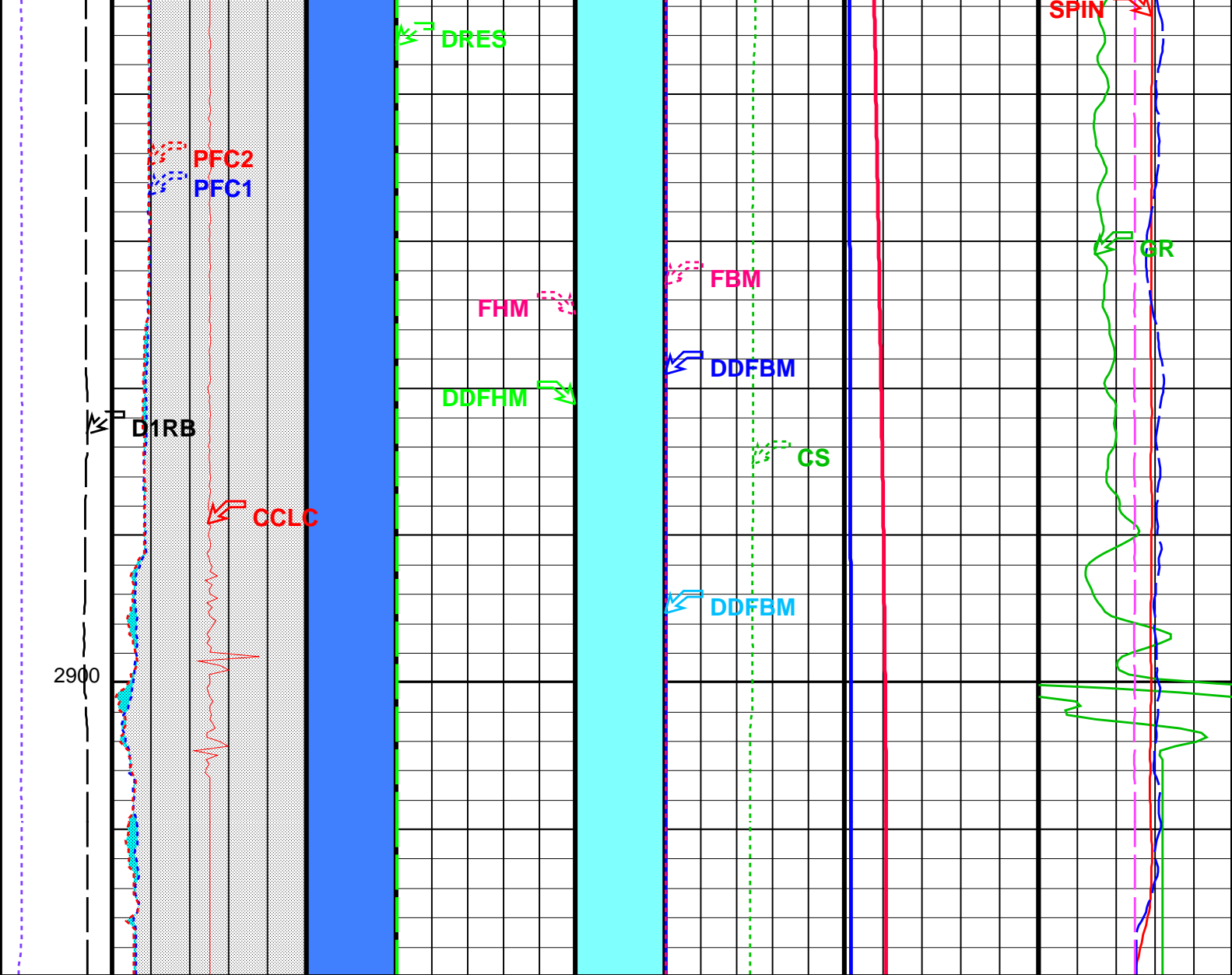
Time Mark Every 60 S





Cable Speed (CS) (F/HR)		0	10000
PFCS X Caliper (PFC1) (IN)		10	0
PFCS Y Caliper (PFC2) (IN)		0	10
Gamma Ray (GR) (GAPI)		0	150
Well Pressure (WPRE) (PSIA)		3000	3100
Amplified Well Pressure (WPRE) (PSIA)		0	20
Well Fluid Density (WEDF)			
Well Temperature (WTEP) (DEGF)		215	220
Well Temperature (WTEP) (DEGF)		0	1
Well Pressure (WPRE) (PSIA)		3000	3100
Amplified Well Pressure (WPRE) (PSIA)		0	20
Well Fluid Density (WEDF)			
Well Temperature Gradient (WTGR) (DC/M)		0	10
Filtered Auxiliary Spinner 1 (SP1) (RPS)		-10	10
Filtered Main Spinner (SPIN) (RPS)		-10	10
Tension (TENS) (LBF)		0	3000
Computed CCL (CCLC) (V)		1	-3
Cable Speed (CS) (F/HR)		0	10000
PFCS X Caliper (PFC1) (IN)		10	0
PFCS Y Caliper (PFC2) (IN)		0	10
Gamma Ray (GR) (GAPI)		0	150
Well Pressure (WPRE) (PSIA)		3000	3100
Amplified Well Pressure (WPRE) (PSIA)		0	20
Well Fluid Density (WEDF)			
Well Temperature Gradient (WTGR) (DC/M)		0	10
Filtered Auxiliary Spinner 1 (SP1) (RPS)		-10	10
Filtered Main Spinner (SPIN) (RPS)		-10	10
Tension (TENS) (LBF)		0	3000
Computed CCL (CCLC) (V)		1	-3

		Well Fluid Density (WFDE) (G/C3)		2	
PIP SUMMARY					
Time Mark Every 60 S					
Format: PSP_1		Vertical Scale: 1:200		Graphics File Created: 06-Jun-2008 11:11	
OP System Version: 15C0-309					
MCM					
PFCs-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15		
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15		
PSPT-B	SRPC-3546-Q1_2008_OP15				
Parameters					
DLIS Name		Description		Value	
PFCs-A: PSP Flow and caliper Tool					
AMOD	Spinner Filter Averaging Mode		LINEAR_AVERAGE		
GDEV	Average Angular Deviation of Borehole from Normal		35	DEG	
SDCF	Spinner Depth Constant Filter		6		
SPI1	Auxiliary Spinner 1 Flowmeter Sonde		PILS-A		
SPIN	Main Spinner Flowmeter Sonde		PFCs-A_4.5		
PILS-A: PSP In Line Spinner Flowmeter					
AMOD	Spinner Filter Averaging Mode		LINEAR_AVERAGE		
SDCF	Spinner Depth Constant Filter		6		
SPI1	Auxiliary Spinner 1 Flowmeter Sonde		PILS-A		
SPIN	Main Spinner Flowmeter Sonde		PFCs-A_4.5		
PGMC-A: PSP Gradiomanometer Measurement Module					
GCPG	Gradio Surf.Cal Diff.Pres Gain		1		
GCPO	Gradio Surf.Cal Diff.Pres Offset		0	KPAA	
PDSH	Gradio Correction Density Shift		0	G/C3	
PSPT-B: Production Services Logging Platform					
GDEV	Average Angular Deviation of Borehole from Normal		35	DEG	
System and Miscellaneous					
DO	Depth Offset for Playback		-4.0	M	
PP	Playback Processing		NORMAL		
Input DLIS Files					
DEFAULT	Flip_FCS_ILS_DEFT_035LUP	PRODUCER	06-Jun-2008 10:09	2913.9 M	2849.0 M
Output DLIS Files					
DEFAULT	FCS_ILS_DEFT_GMS_106PUP	FN:6	PRODUCER	06-Jun-2008 11:11	
Input DLIS Files					
DEFAULT	Flip_FCS_ILS_DEFT_035LUP	PRODUCER	06-Jun-2008 10:09	2913.9 M	2849.0 M
Output DLIS Files					
DEFAULT	FCS_ILS_DEFT_GMS_106PUP	FN:6	PRODUCER	06-Jun-2008 11:11	2909.9 M
OP System Version: 15C0-309					
MCM					
PFCs-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15		
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15		
PSPT-B	SRPC-3546-Q1_2008_OP15				
Pipe Ovalisation Between PFC1 and PFC2					
Well Diameter From PFC2 to PFCs_T1					
Well Diameter From PFC1 to		PFCs Fluid Resistivity (DRES)	Filtered Bubble Count (FBM)	Well Temperature (WTEP)	Well Fluid Density (WFDE)



Well Diameter From PFC1 to PFC5_T1	PFC5 Fluid Resistivity (DRES) 0 (OHMM) 360	Filtered Bubble Count (FBM) 0 (CPS) 500	Well Temperature (WTEP) 215 (DEGF) 230	Well Fluid Density (WFDE) 0 (G/C3) 2
Well Diameter From PFC2 to PFC5_T1				
Pipe Ovalisation Between PFC1 and PFC2				

Format: PFC5_Image_DL

Vertical Scale: 1:200

Graphics File Created: 06-Jun-2008 11:11

OP System Version: 15C0-309			
MCM			
PFC5-A	SRPC-3546-Q1_2008_OP15	PILS-A	SRPC-3546-Q1_2008_OP15
DEFT-C2	SRPC-3546-Q1_2008_OP15	PGMC-A	SRPC-3546-Q1_2008_OP15
PSPT-B	SRPC-3546-Q1_2008_OP15		

Parameters			
DLIS Name	Description	Value	
PFC5-A: PSP Flow and caliper Tool			
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DFFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP	Probes Arm Position	C	
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
PFGC	PFC5 Geometrical coefficient	1200	
PFRE1	Downhole Resistor Probe 1	3000	OHMS
PFRE2	Downhole Resistor Probe 2	3000	OHMS
PFRE3	Downhole Resistor Probe 3	3000	OHMS
PFRE4	Downhole Resistor Probe 4	3000	OHMS
SDCF	Spinner Depth Constant Filter	6	
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFC5-A_4.5	
PILS-A: PSP In Line Spinner Flowmeter			
AMOD	Spinner Filter Averaging Mode	LINEAR_AVERAGE	
SDCF	Spinner Depth Constant Filter	6	
SPI1	Auxiliary Spinner 1 Flowmeter Sonde	PILS-A	
SPIN	Main Spinner Flowmeter Sonde	PFC5-A_4.5	
DEFT-C2: DEFT_C Tool			
CSID	Casing Size I.D.	6.875	IN
DDRC	Dual DEFT DELTA RB COMPUTATION	D1RB2-D1RB	
DDRS	Dual DEFT RB Source	D1RB	
DFBD	DEFT Blank Disallowed Probes	NO	
DFFI	DEFT Flip Image	NO	
DFII	DEFT Image Interpolation	YES	
DFIRS	DEFT Image Rotation Selection	TOP_MIDDLE	
DFPP2	Probes Arm Position (2nd tool)	C	
PFGC	PFC5 Geometrical coefficient	1200	
PGMC-A: PSP Gradiomanometer Measurement Module			
CSID	Casing Size I.D.	6.875	IN
GCPG	Gradio Surf.Cal Diff.Pres Gain	1	
GCPO	Gradio Surf.Cal Diff.Pres Offset	0	KPAA
PDSH	Gradio Correction Density Shift	0	G/C3
PSPT-B: Production Services Logging Platform			
CSID	Casing Size I.D.	6.875	IN
GDEV	Average Angular Deviation of Borehole from Normal	35	DEG
BORDYN: BorDyn (Well Test Validation)			
CSID	Casing Size I.D.	6.875	IN
System and Miscellaneous			
DO	Depth Offset for Playback	-4.0	M
PP	Playback Processing	NORMAL	

Input DLIS Files					
DEFAULT	Flip_FCS_ILS_DEFT_035LUP	PRODUCER	06-Jun-2008 10:09	2913.9 M	2849.0 M



Calibration Report

MAXIS Field Log

Calibration and Check Summary

Measurement	Nominal	Master	Before	After	Change	Limit	Units
PSP Flow and caliper Tool Wellsite Calibration – PFCS Caliper Calibration							
Before: 5-Jun-2008 16:33							
PFCS CaliperX Small Ring	5.500	N/A	5.270	N/A	N/A	N/A	IN
PFCS CaliperX Large Ring	8.000	N/A	7.959	N/A	N/A	N/A	IN
PFCS CaliperY Small Ring	5.500	N/A	5.569	N/A	N/A	N/A	IN
PFCS CaliperY Large Ring	8.000	N/A	8.186	N/A	N/A	N/A	IN
DEFT_C Tool Wellsite Calibration – DEFT_C2 Caliper Calibration							
Before: 5-Jun-2008 16:31							
DEFT-C2 Caliper Small Ring	5.500	N/A	5.480	N/A	N/A	N/A	IN
DEFT-C2 Caliper Large Ring	8.000	N/A	8.000	N/A	N/A	N/A	IN
Production Services Logging Platform Wellsite Calibration – Detector Calibration							
Before: 5-Jun-2008 16:30							
Gamma-Ray Jig-Bkg	125.0	N/A	126.6	N/A	N/A	N/A	GAPI

PSP Flow and caliper Tool / Equipment Identification

Primary Equipment:

PFCS Cartridge	PFCC – A	796	796
PFCS Caliper	Cali –	796	796
PFCS Relative Bearing	Rela –	796	796
PFCS Fluid Holdup Electric Probes	Hold –	796	796
PFCS 4.5 Spinner Diameter	Spin –		

Auxiliary Equipment:

PFCS Cartridge Housing	PFCH – A	796	796
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PSP Flow and caliper Tool Wellsite Calibration

PFCS Caliper Calibration

PFCS Caliper Calibration											
Phase	PFCS CaliperX Small Ring IN		Value	Phase	PFCS CaliperX Large Ring IN		Value	Phase	PFCS CaliperY Small Ring IN		Value
Before			5.270	Before			7.959	Before			5.569
	N/A (Minimum)	5.500 (Nominal)	N/A (Maximum)		N/A (Minimum)	8.000 (Nominal)	N/A (Maximum)		N/A (Minimum)	5.500 (Nominal)	N/A (Maximum)
Phase	PFCS CaliperY Large Ring IN		Value								
Before			8.186								
	N/A (Minimum)	8.000 (Nominal)	N/A (Maximum)								
Before: 5-Jun-2008 16:33											

DEFT_C Tool / Equipment Identification

Primary Equipment:

DEFTC Cartridge	DECC – C	716	716
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DEFT_C Cartridge
DEFT_C Caliper
DEFT_C2 Relative Bearing
DEFT_C Flowmeter probes

DEFT_C2
Cali - 1 716 716
Rela - 1 716 716
Flow - 4 716 716

Auxiliary Equipment:

DEFTC Cartridge Housing



DFCH - C

716

716

DEFT_C Tool Wellsite Calibration

DEFT_C2 Caliper Calibration

Phase	DEFT-C2 Caliper Small Ring IN	Value	Phase	DEFT-C2 Caliper Large Ring IN	Value
Before		5.480	Before		8.000
	N/A (Minimum) 5.500 (Nominal) N/A (Maximum)			N/A (Minimum) 8.000 (Nominal) N/A (Maximum)	

Before: 5-Jun-2008 16:31

Production Services Logging Platform / Equipment Identification

Primary Equipment:

Production Logging Platform (CQG-F)

PSP Basic Measurement Sonde (CQG_F)

PSP Basic measurement module

PSP CCL

PSP GR

PSP RTD Well Temperature

PSP Crystal Quartz Gauge Type F

PSP Telemetry and bus master cartridge

PSPT - B

827

827

PBMS - B

827

827

PBMS -

827

827

CCL -

827

827

GR -

827

827

RTD_ -

827

827

CQG_ -

827

827

PSTC -



806

806

Auxiliary Equipment:

Production Services Logging Platform Wellsite Calibration

Detector Calibration

Phase	Gamma-Ray Background GAPI	Value	Phase	Gamma-Ray Jig-Bkg GAPI	Value
Before		3.755	Before		126.6
	0 30.00 120.0 (Minimum) (Nominal) (Maximum)			110.0 125.0 140.0 (Minimum) (Nominal) (Maximum)	

Before: 5-Jun-2008 16:30

Company: **Esso Australia Pty Ltd.**

Schlumberger

Well: **B-8**

Field: **Kingfish B**

Rig: **Prod4 / Crane**

Country: **Australia**

Dual Deft / Spinner

GR-PLT-Gradic

Survey