

Schlumberger

Origin Energy Resources Ltd

Trefoil-2

Trefoil

Kan Tan IV

Country: **Australia**

Suite 1 Run 2			
XPT-MDT-GR			
MDT Pressures Log			
LOCATION			
Bass Strait, T/18P	Elev.:	K.B.	
Easting: 360 696m	G.L.	-69.00 m	
Northing: 5 583 678m	D.F.	26.00 m	
Permanent Datum:	Elev.:	0.00 m	
Log Measured From:	26.00 m	above Perm. Datum	
Drilling Measured From:	Drill Floor		
Drill Floor			
State:	Max. Well Deviation	Longitude	Latitude
TAS	4.33 deg	145° 22' 14.87" E	39° 53' 07.89" S

[illegible]

Logging Date	20-Nov-2009				
Run Number	2				
Depth Driller	3235 m				
Schlumberger Depth	3235 m				
Bottom Log Interval	3210.05 m				
Top Log Interval	2560.1 m				
Casing Driller Size @ Depth	9.625 in @ 2520 m				
Casing Schlumberger	2520 m				
Bit Size	8.500 in				
Type Fluid In Hole	WBM				
Density	1.13835 g/cm3	14 s			
Fluid Loss	5 cm3	9			
Source Of Sample	Flowline				
RM @ Measured Temperature	0.099 ohm.m	@ 24 degC	@		
RMF @ Measured Temperature	0.090 ohm.m	@ 24 degC	@		
RMC @ Measured Temperature	0.122 ohm.m	@ 24 degC	@		
Source RMF	RMC	Pressed			
RM @ MRT	RMF @ MRT	0.030 @ 126	0.028 @ 126	@	@
Maximum Recorded Temperatures	126 degC	126	126		
Circulation Stopped	18-Nov-2009		4:20		
Logger On Bottom	18-Nov-2009		19:00		
Unit Number	2601	AUSL			
Recorded By	V.Torlov / G.Lee				
Witnessed By	Dennis Archer / Larissa Hansen				

Logging Date				
Run Number				
Depth Driller				
Schlumberger Depth				
Bottom Log Interval				
Top Log Interval				
Casing Driller Size @ Depth		@		
Casing Schlumberger				
Bit Size				
Type Fluid In Hole				
Density	Viscosity			
Fluid Loss	PH			
Source Of Sample				
RM @ Measured Temperature		@		
RMF @ Measured Temperature		@		
RMC @ Measured Temperature		@		
Source RMF	RMC			
RM @ MRT	RMF @ MRT	@	@	
Maximum Recorded Temperatures				
Circulation Stopped	Time			
Logger On Bottom	Time			
Unit Number	Location			
Recorded By				
Witnessed By				

[illegible]

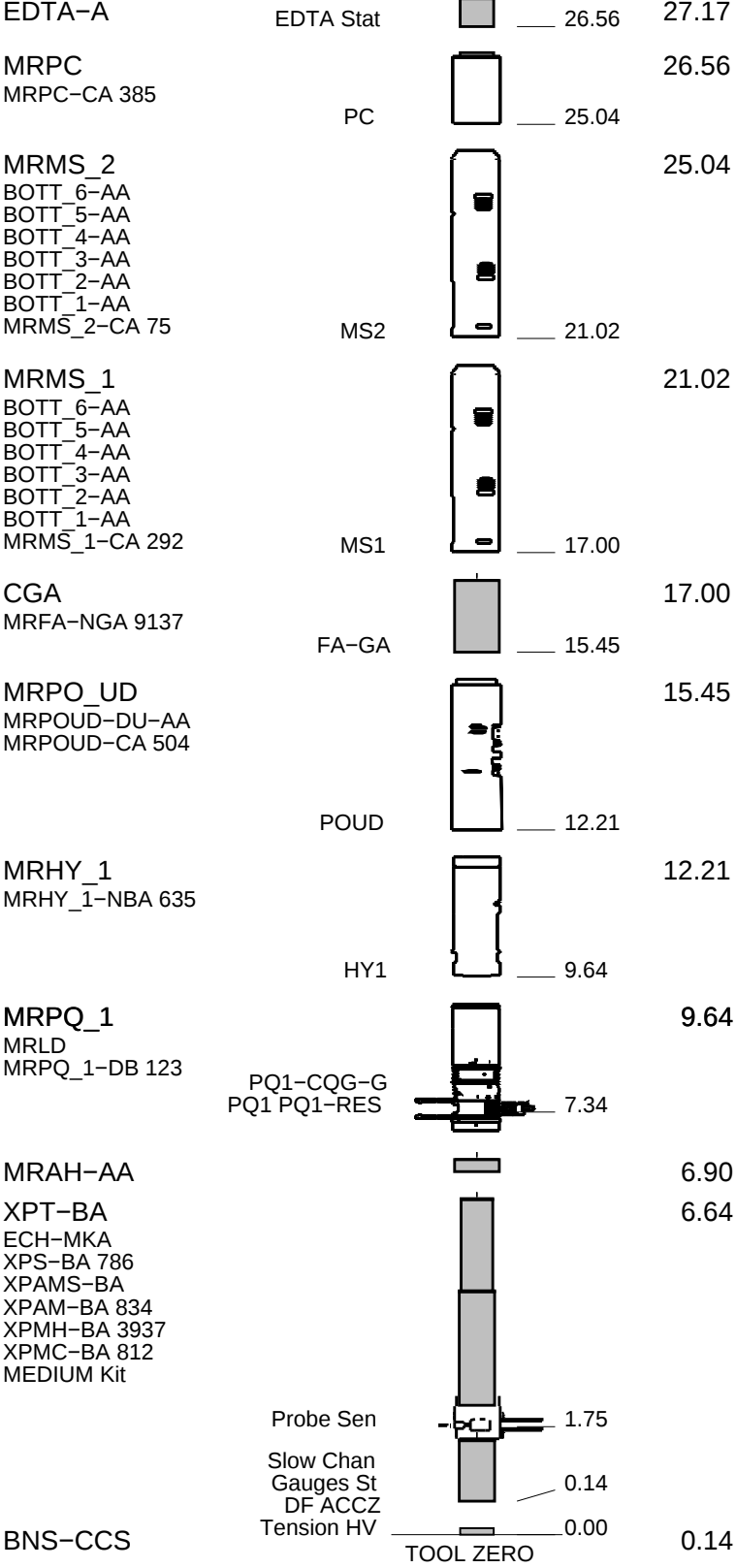
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OTHER SERVICES1 OS1: SP-HRLA-PEX-HNGS OS2: FMI-DSI-GR OS3: OS4: OS5:			OTHER SERVICES2 OS1: OS2: OS3: OS4: OS5:		
REMARKS: RUN NUMBER 1			REMARKS: RUN NUMBER 2		
Vertical Appraisal well with maximum deviation of 4.33deg @ 3235mMD.					
MDT Pressures rush field data only					
RUN 1			RUN 2		
SERVICE ORDER #:			SERVICE ORDER #:		
PROGRAM VERSION:		17C0-154	PROGRAM VERSION:		
FLUID LEVEL:		0 m	FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

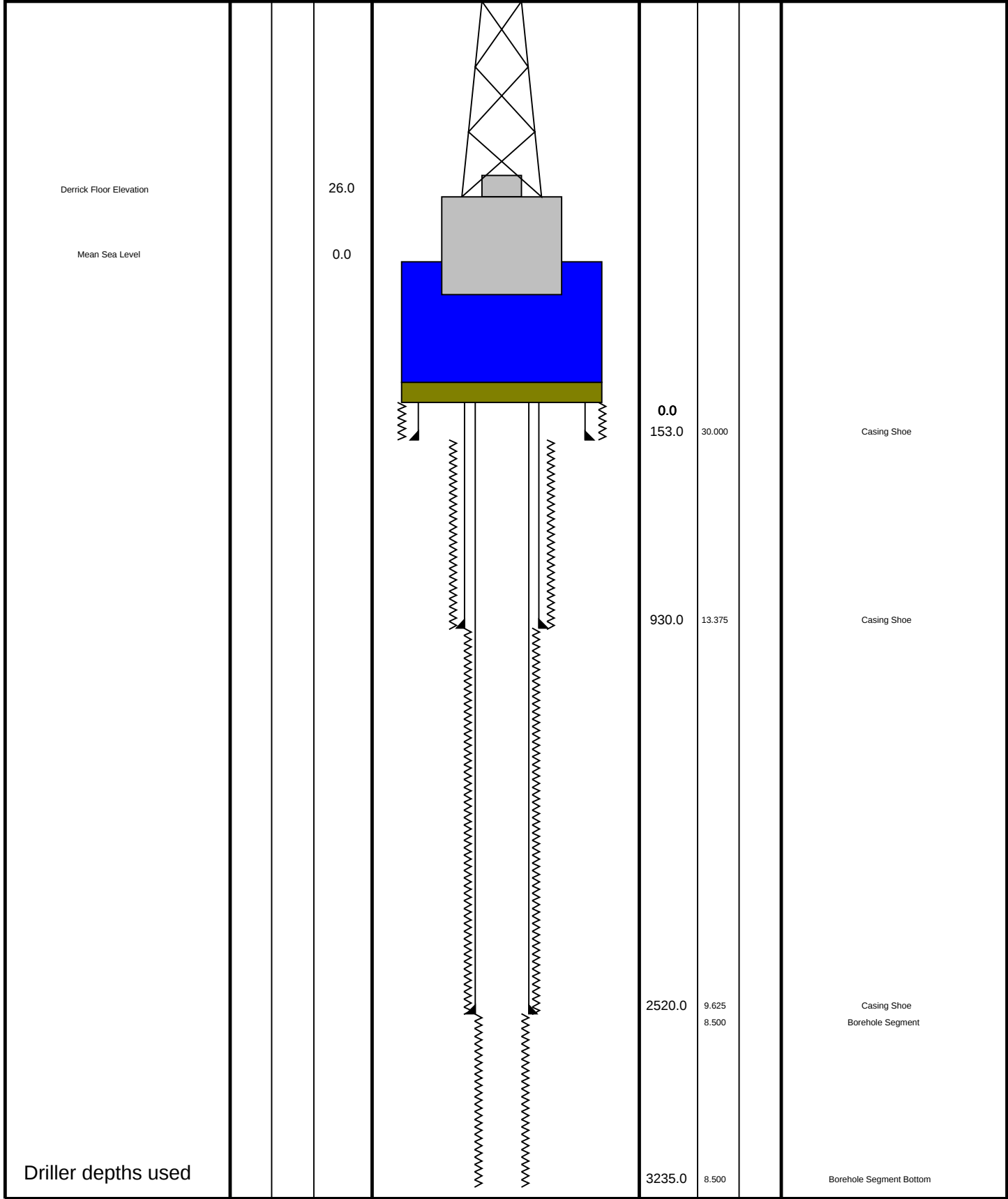
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RUN 1		RUN 2	
SURFACE EQUIPMENT			
MRPP-AA WITM (EDTS)-A			
DOWNHOLE EQUIPMENT			
LEH-QT	MDSB_EDTC		30.04
LEH-QT	Mud Tempe		
	CTEM		
EDTC-B	Gamma Ray		29.15
EDTH-B 8179	EFTB DIAG		
EDTC-B 8212	TelStatus		
EDTG-A/B 8207	EDTCB Ele		
			27.17



MAXIMUM STRING DIAMETER 5.43 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN METERS

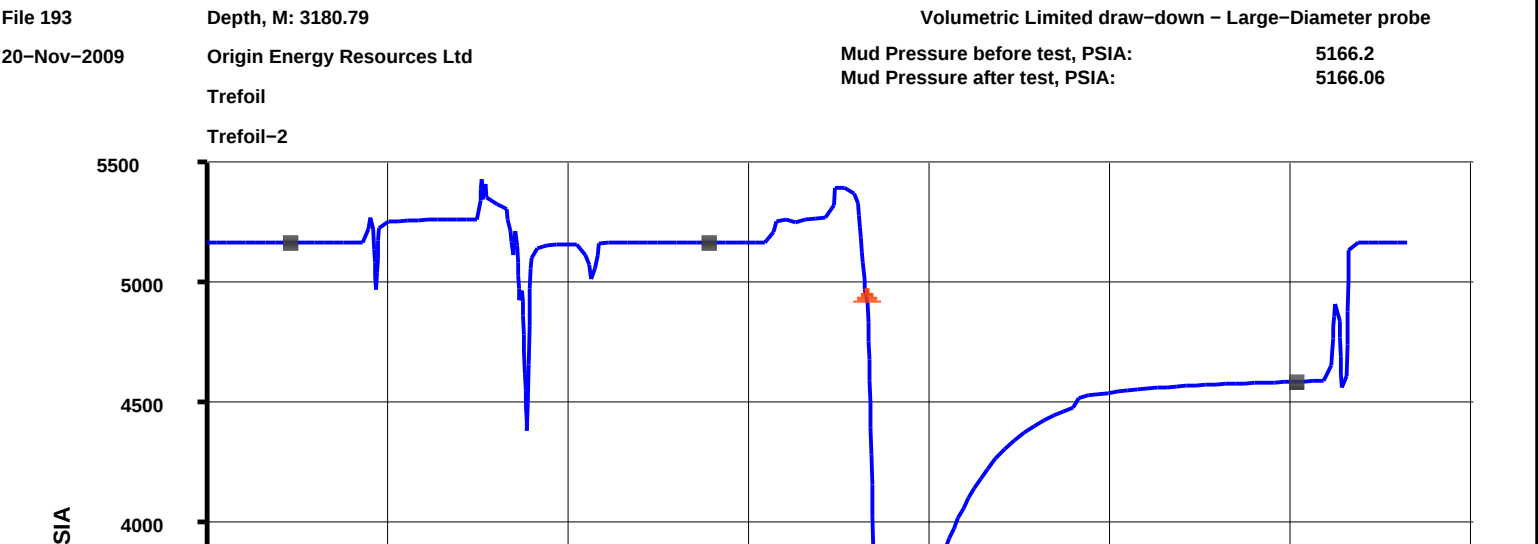
Production String	(in)	(m)	Well Schematic	(m)	(in)	Casing String
	OD	ID	MD	MD	OD	ID

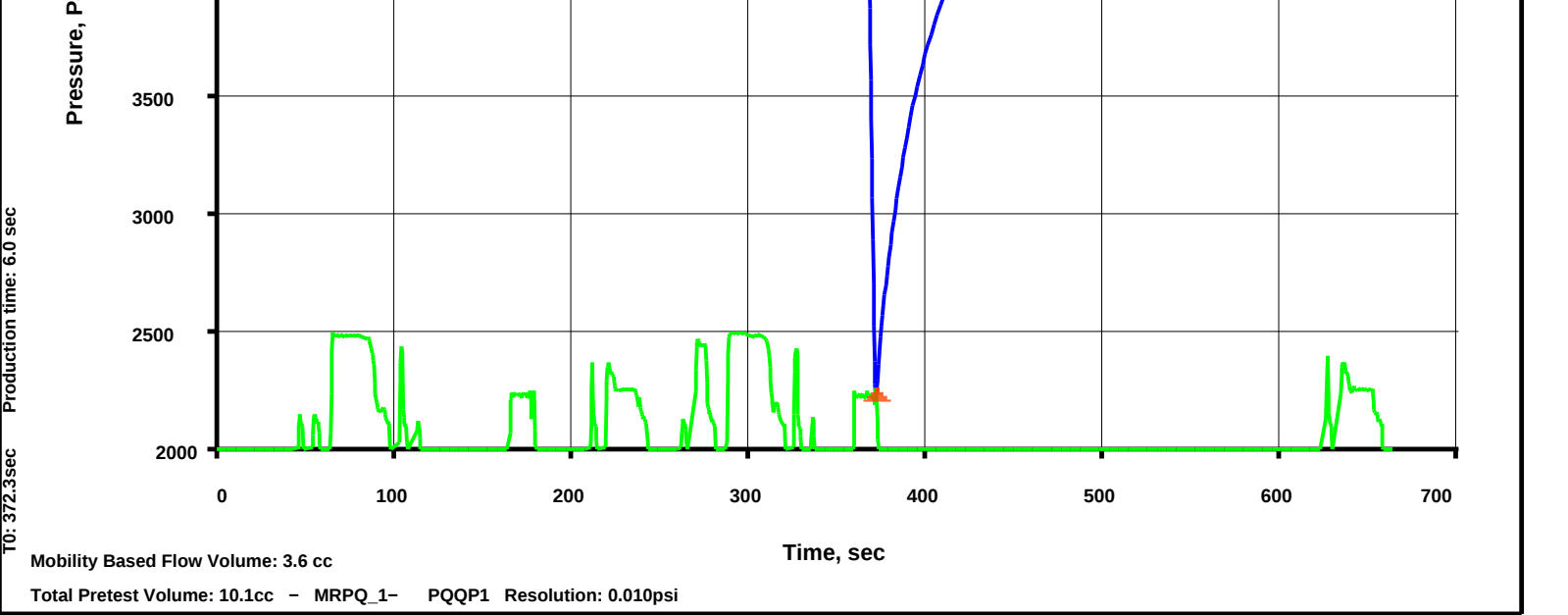




Pretest @ 3180.8mMD

MAXIS Field Log





Company: Origin Energy Resources Ltd

Well: Trefoil-2

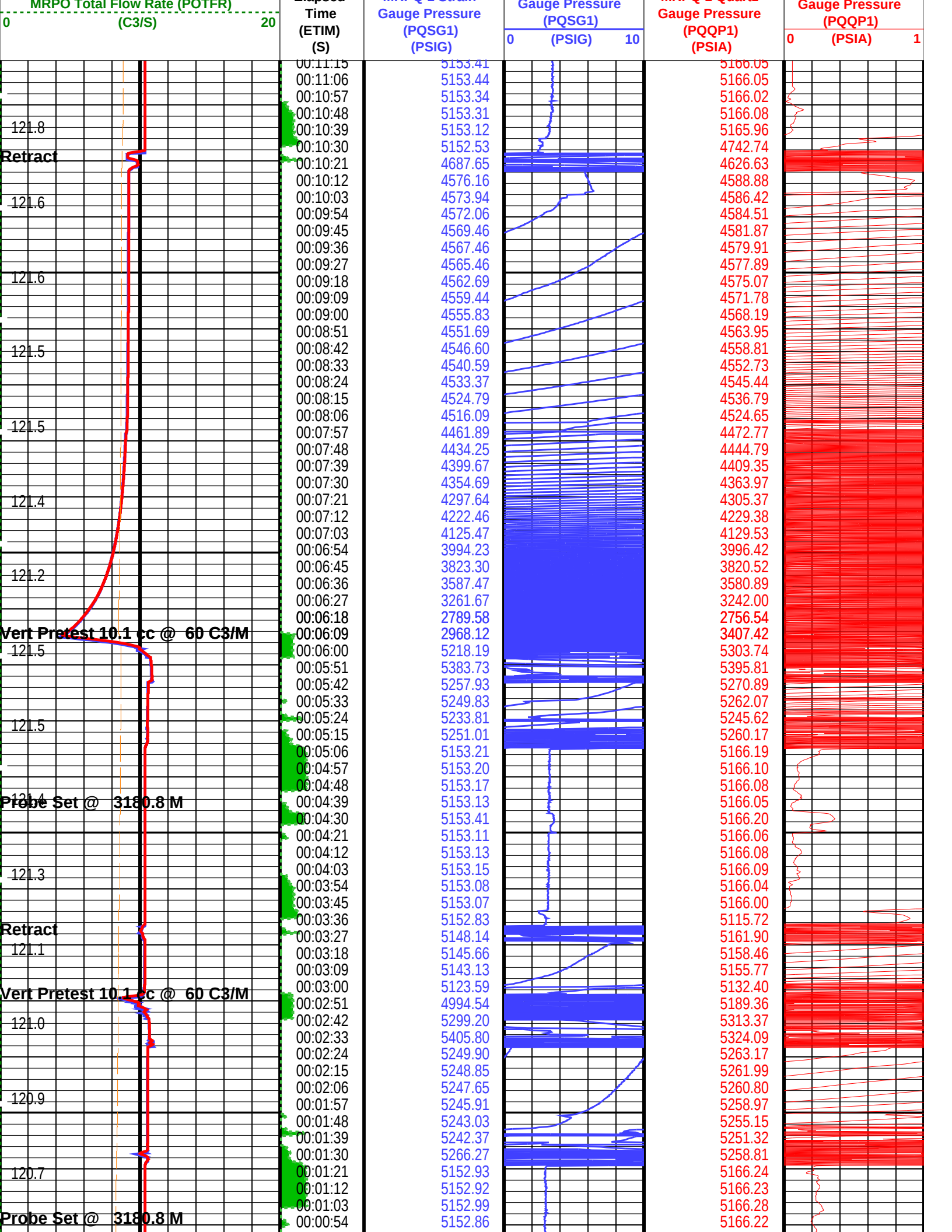
Output DLIS Files					
DEFAULT	XPT_MDT_OFA_193LTP	FN:382	PRODUCER	20-Nov-2009 08:54	3188.1 M
INTERACTS1R2	XPT_MDT_OFA_193LTP	FN:383	PRODUCER	20-Nov-2009 08:54	3188.1 M
RTBUP_SAMPLING	XPT_MDT_OFA_193LTP	FN:384	PRODUCER	20-Nov-2009 08:54	3188.1 M

Elapsed Time (s)	Event Summary
628.2	Retract Quick Probe Module (MRPQ) 1
354.0	Vert Pretest 10.1 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
282.3	Probe Set @ 3180.8 M Quick Probe Module (MRPQ) 1
214.2	Retract Quick Probe Module (MRPQ) 1
160.2	Vert Pretest 10.1 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
59.7	Probe Set @ 3180.8 M Quick Probe Module (MRPQ) 1

PIP SUMMARY

Time Mark Every 60 S

MRPQ 1 Quartz Gauge Pressure (PQQP1)					
0	(PSIA) 10000				
MRPQ 1 Strain Gauge Pressure (PQSG1)					
0	(PSIG) 10000				
MRPQ 1 Resistivity Cell Temperature (PQ1TR)					
100	(DEGC) 150				
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)			
		0 8000			
Elapsed		MRPO 1 Strain	MRPQ 1 Strain	MRPO 1 Quartz	MRPQ 1 Quartz



120.5										00:00:45		5152.85						5166.21					
										00:00:36		5152.81						5166.21					
										00:00:27		5152.83						5166.21					
										00:00:18		5152.84						5166.20					
										00:00:09		5152.77						5166.15					
120.4										00:00:00		5152.58						5165.91					
MRPO Total Flow Rate (POTFR) (C3/S)						Elapsed Time (ETIM) (S)		MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)		MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)		MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)		MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)		MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)		0		1			
Resistivity Cell Temperature (PQ1TR) (DEGC)				MRHY 1 Motor Speed (HMS1) (RPM)																			
MRPQ 1 Resistivity Cell Temperature (PQ1TR) (DEGC)				0		8000																	
MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)				0		10000																	
MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)				0		10000																	
PIP SUMMARY																							
Time Mark Every 60 S																							
Parameters																							
DLIS Name		Description												Value									
MRPQ_1: Quick Probe Module (MRPQ) 1																							
QGCA		Quartz Gauge Pressure Correction Applied												BOTH									
QGDA		Quartz Gauge Deviation Angle												0 DEG									
QGFD		Quartz Gauge Flow Line Density												1 G/C3									
MRPO_UD: Dual Up-down Pumpout Module (MRPOUD)																							
POUDAVHCC		MRPOUD Apply Volume Half Cycle Correction												YES									
POUDAVOPC		MRPOUD Apply Volume Over Pressure Correction												YES									
POUDAVSC		MRPOUD Apply Volume Stroke Correction												YES									
POUDDISPVOL		MRPOUD Displacement Unit Stroke Volume												485									
POUDFIXDISP		MRPOUD Fixed Displacement Pump Displacement Per Revolution												0.3175									
POUDHCPRLVL		MRPOUD Half-cycle Correction Pressure Level												150 PSIG									
POUDOPCLVL		MRPOUD Over Pressure Correction Level												3800 PSIG									
POUDPMPTYP		MRPOUD Hydraulic Pump Type												VARIABLE_DISPLACEMENT									
CGA: Condensate & Gas Analyzer																							
PDCO		Probe Depth Correction Offset												0 M									
MRPC: Power Cartridge																							
PDCO		Probe Depth Correction Offset												0 M									
Format: MRPQ_Pretest Vertical Scale: 1" per 60S Graphics File Created: 20-Nov-2009 08:54																							
OP System Version: 17C0-154																							
XPT-BA		SRPC-3821-Q2_2009_OP17_b						MRPQ_1		17C0-154													
MRHY_1		17C0-154						MRPO_UD		17C0-154													
CGA		17C0-154						MRMS_1		17C0-154													
MRMS_2		17C0-154						MRPC		17C0-154													
EDTA-A		SKK-3882-EDTCB_b						EDTC-B		SKK-3882-EDTCB_b													
Output DLIS Files																							
DEFAULT		XPT_MDT_OFA_193LTP						FN:382		PRODUCER		20-Nov-2009 08:54											
INTERACTS1R2		XPT_MDT_OFA_193LTP						FN:383		PRODUCER		20-Nov-2009 08:54											
RTBUP_SAMPLING		XPT_MDT_OFA_193LTP						FN:384		PRODUCER		20-Nov-2009 08:54											

MAXIS Field Log

File 194

Depth, M: 3181.17

Volumetric Limited draw-down - Large-Diameter probe

20-Nov-2009

Origin Energy Resources Ltd

Mud Pressure before test, PSIA:

5166.84

Trefoil

Mud Pressure after test, PSIA:

5166.47

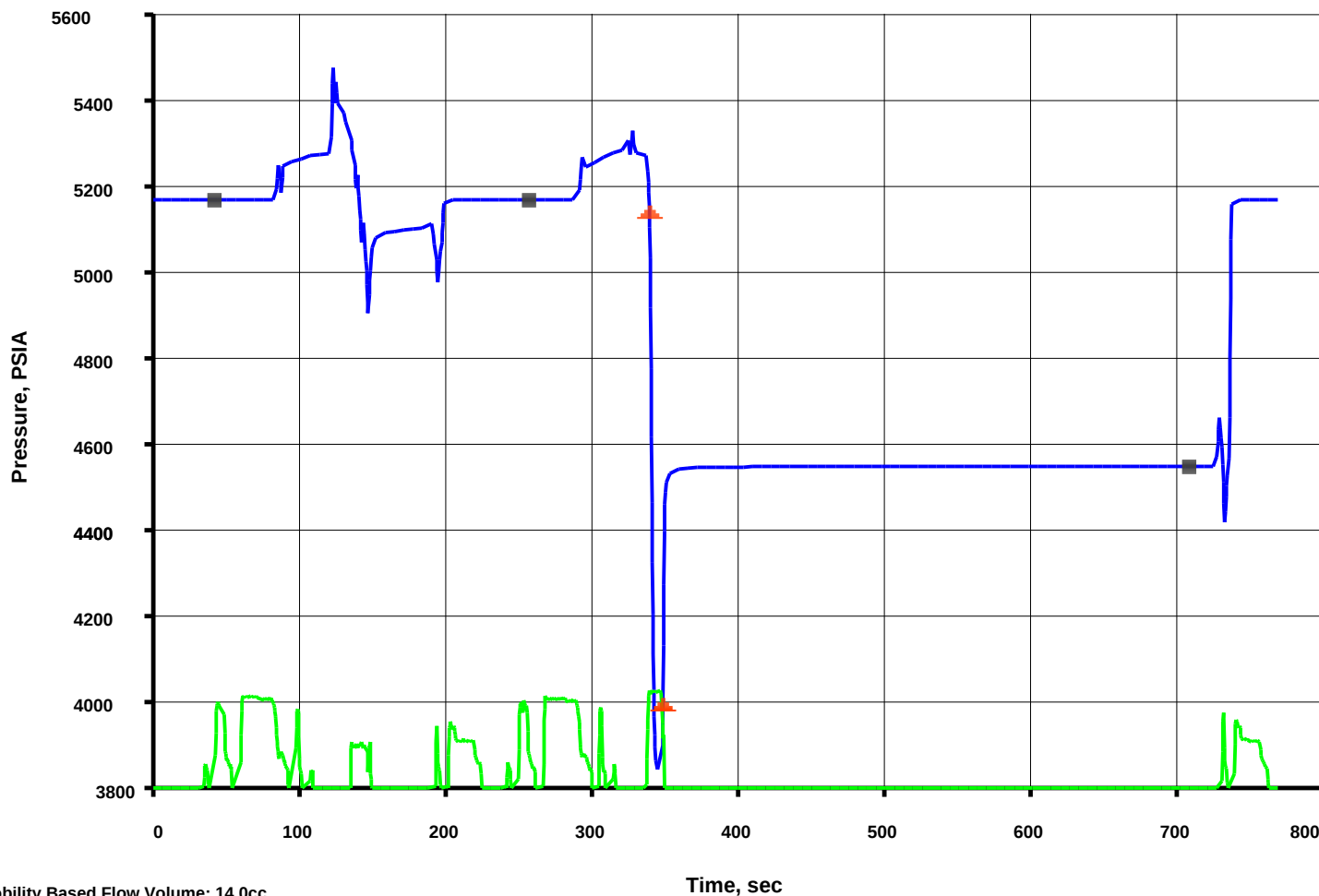
Trefoil-2

Last build-up pressure, PSIA:

4547.63

Draw-down mobility, md/cp:

6.3



Company: Origin Energy Resources Ltd

Well: Trefoil-2

Output DLIS Files

DEFAULT	XPT_MDT_OFA_194LTP	FN:385	PRODUCER	20-Nov-2009 09:08	3188.5 M
INTERACTS1R2	XPT_MDT_OFA_194LTP	FN:386	PRODUCER	20-Nov-2009 09:08	3188.5 M
RTBUP_SAMPLING	XPT_MDT_OFA_194LTP	FN:387	PRODUCER	20-Nov-2009 09:08	3188.5 M

Elapsed
Time (s)

Event Summary

735.0

Retract Quick Probe Module (MRPQ) 1

332.4

Vert Pretest 20.0 cc @ 120 C3/M Quick Probe Module (MRPQ) 1

262.2

Probe Set @ 3181.2 M Quick Probe Module (MRPQ) 1

196.8	Retract Quick Probe Module (MRPQ) 1
129.6	Vert Pretest 9.8 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
55.2	Probe Set @ 3181.2 M Quick Probe Module (MRPQ) 1

PIP SUMMARY						
Time Mark Every 60 S						
MRPQ 1 Quartz Gauge Pressure (PQQP1)						
0	(PSIA)	10000				
MRPQ 1 Strain Gauge Pressure (PQSG1)						
0	(PSIG)	10000				
MRPQ 1 Resistivity Cell Temperature (PQ1TR)						
100	(DEGC)	150				
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)				
		0 8000				
MRPO Total Flow Rate (POTFR) (C3/S)	0 20	Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
				0 10		0 1
		00:12:54	5154.21		5166.52	
122.4		00:12:45	5154.15		5166.53	
		00:12:36	5154.12		5166.61	
		00:12:27	5153.97		5166.59	
		00:12:18	5153.06		5165.55	
Retract		00:12:09	4683.29		4633.81	
122.2		00:12:00	4535.44		4547.70	
		00:11:51	4535.41		4547.63	
		00:11:42	4535.44		4547.62	
		00:11:33	4535.43		4547.62	
122.2		00:11:24	4535.43		4547.62	
		00:11:15	4535.41		4547.61	
		00:11:06	4535.38		4547.60	
		00:10:57	4535.37		4547.60	
122.1		00:10:48	4535.40		4547.59	
		00:10:39	4535.39		4547.59	
		00:10:30	4535.37		4547.58	
		00:10:21	4535.39		4547.57	
122.1		00:10:12	4535.34		4547.57	
		00:10:03	4535.39		4547.56	
		00:09:54	4535.36		4547.55	
		00:09:45	4535.38		4547.54	
		00:09:36	4535.38		4547.53	
122.1		00:09:27	4535.35		4547.52	
		00:09:18	4535.32		4547.51	
		00:09:09	4535.35		4547.50	
		00:09:00	4535.32		4547.49	
122.1		00:08:51	4535.29		4547.48	
		00:08:42	4535.29		4547.46	
		00:08:33	4535.26		4547.44	
		00:08:24	4535.26		4547.43	
		00:08:15	4535.23		4547.41	
122.1		00:08:06	4535.20		4547.38	
		00:07:57	4535.19		4547.34	
		00:07:48	4535.11		4547.29	
		00:07:39	4535.11		4547.26	
		00:07:30	4535.05		4547.21	
122.1		00:07:21	4534.99		4547.14	
		00:07:12	4534.88		4547.06	

Parameters

DLIS Name	Description	Value	
MRPQ_1: Quick Probe Module (MRPQ) 1			
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
MRPO_UD: Dual Up-down Pumpout Module (MRPOUD)			
POUDAVHCC	MRPOUD Apply Volume Half Cycle Correction	YES	
POUDAVOPC	MRPOUD Apply Volume Over Pressure Correction	YES	
POUDAVSC	MRPOUD Apply Volume Stroke Correction	YES	
POUDDISPVOL	MRPOUD Displacement Unit Stroke Volume	485	
POUDFIXDISP	MRPOUD Fixed Displacement Pump Displacement Per Revolution	0.3175	
POUDHCPRLVL	MRPOUD Half-cycle Correction Pressure Level	150	PSIG
POUDOPCLVL	MRPOUD Over Pressure Correction Level	3800	PSIG
POUDPMPTYP	MRPOUD Hydraulic Pump Type	VARIABLE_DISPLACEMENT	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPQ_Pretest Vertical Scale: 1" per 60S Graphics File Created: 20-Nov-2009 09:08

OP System Version: 17C0-154

XPT-BA	SRPC-3821-Q2_2009_OP17_b	MRPQ_1	17C0-154
MRHY_1	17C0-154	MRPO_UD	17C0-154
CGA	17C0-154	MRMS_1	17C0-154
MRMS_2	17C0-154	MRPC	17C0-154
EDTA-A	SKK-3882-EDTCB_b	EDTC-B	SKK-3882-EDTCB_b

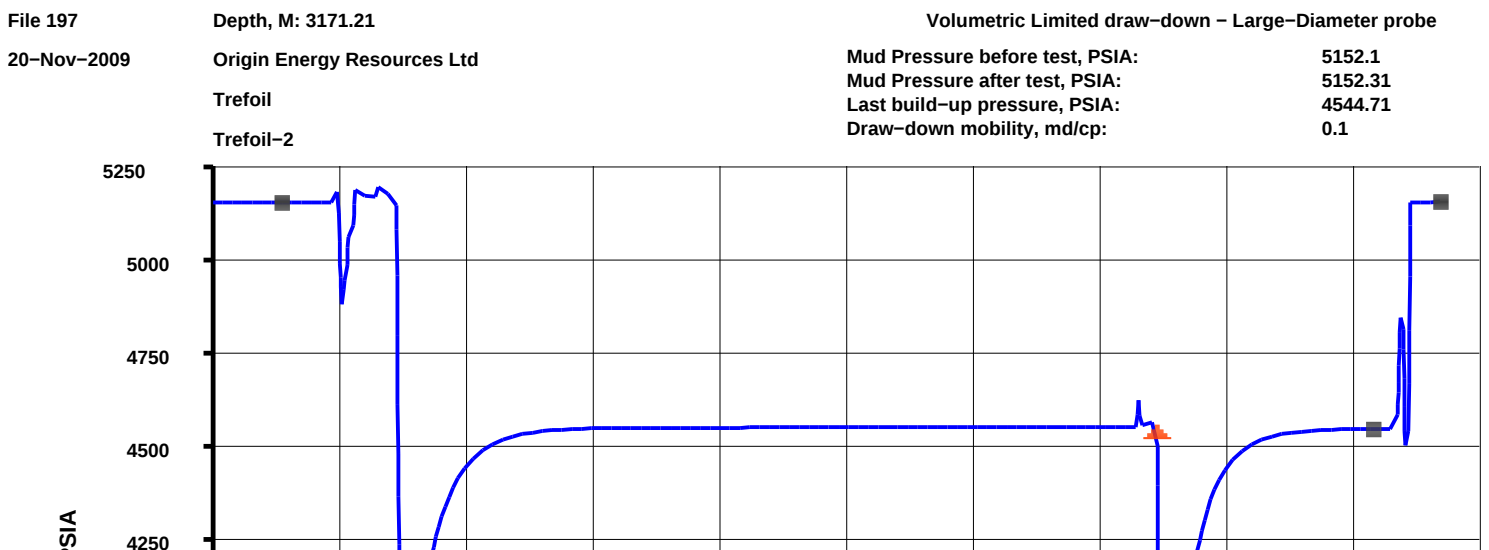
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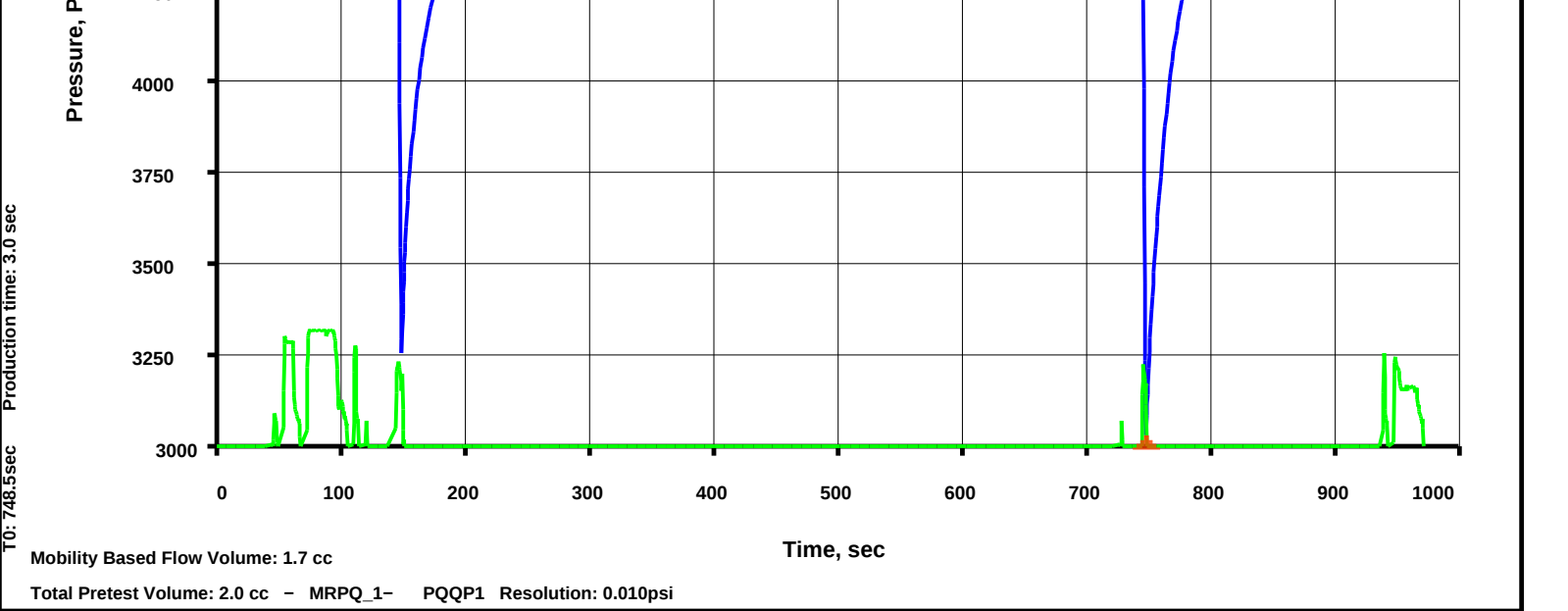
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RTBUP_SAMPLING	XPT_MDT_OFA_194LTP	FN:387	PRODUCER	20-Nov-2009 09:08

Schlumberger

Pretest @ 3171.2mMD

MAXIS Field Log





Company: Origin Energy Resources Ltd

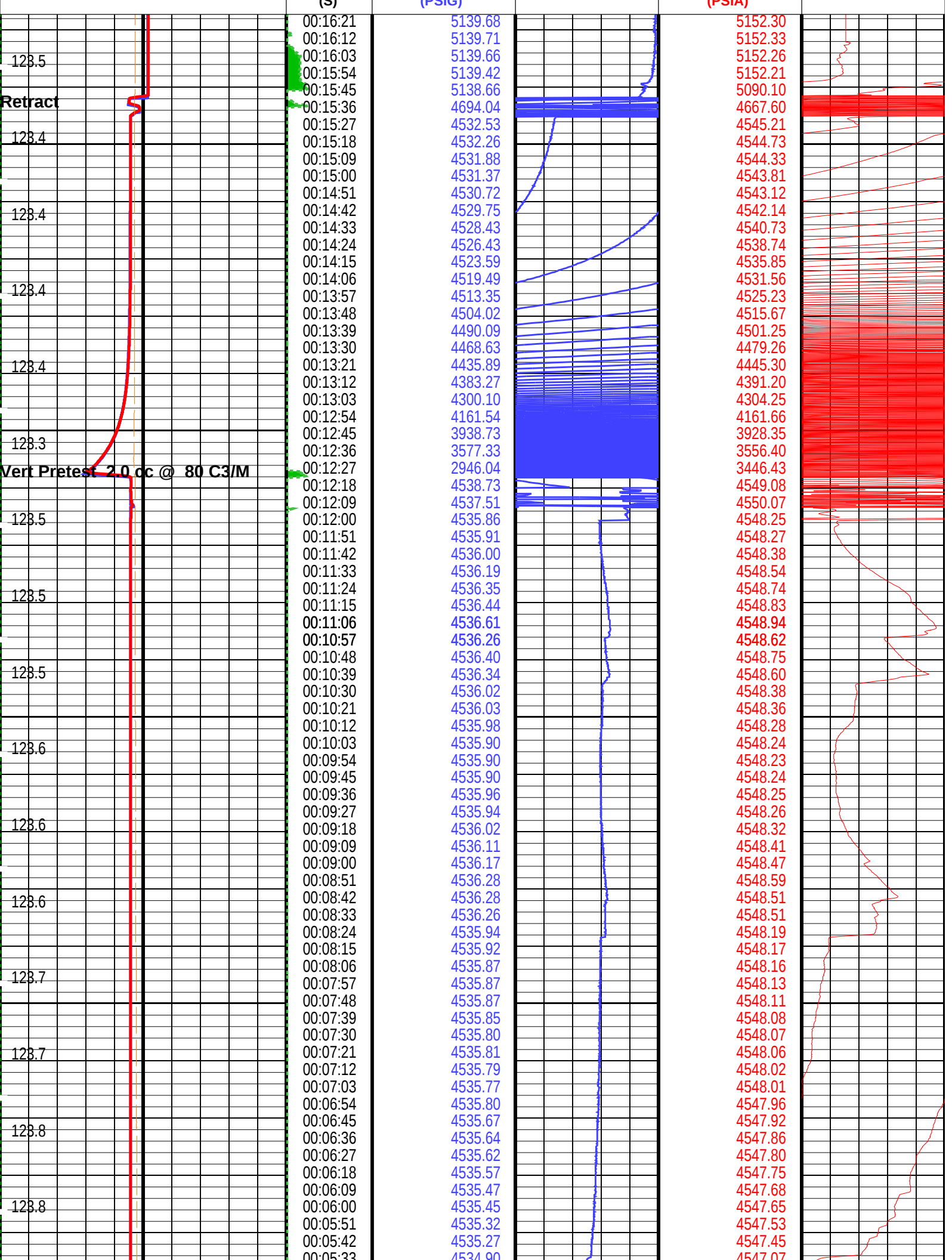
Well: Trefoil-2

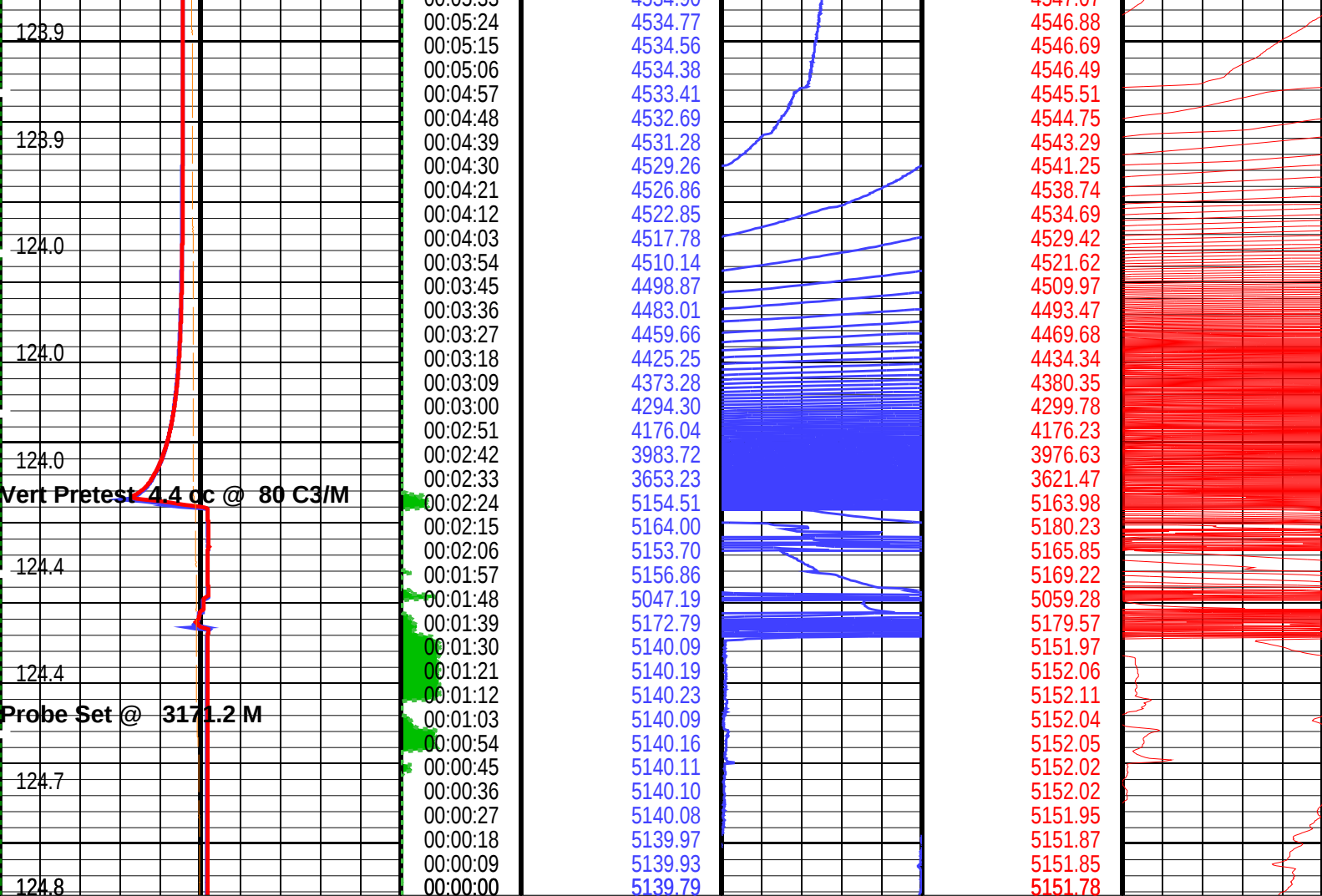
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RTBUP_SAMPLING	XPT_MDT_OFA_197LTP	FN:396	PRODUCER	20-Nov-2009 11:57	3178.5 M

Elapsed Time (s)	Event Summary
942.6	Retract Quick Probe Module (MRPQ) 1
739.2	Vert Pretest 2.0 cc @ 80 C3/M Quick Probe Module (MRPQ) 1
138.9	Vert Pretest 4.4 cc @ 80 C3/M Quick Probe Module (MRPQ) 1
68.4	Probe Set @ 3171.2 M Quick Probe Module (MRPQ) 1

PIP SUMMARY

Time Mark Every 60 S						
MRPQ 1 Quartz Gauge Pressure (PQQP1)						
(PSIA) 10000						
MRPQ 1 Strain Gauge Pressure (PQSG1)						
(PSIG) 10000						
MRPQ 1 Resistivity Cell Temperature (PQ1TR)						
00 (DEGC) 150						
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)				
		0 8000				
MRPO Total Flow Rate (POTFR) (C3/S) 20		Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG) 10	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA) 1





MRPO Total Flow Rate (POTFR) (C3/S)		Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
020				010		01
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)				
MRPQ 1 Resistivity Cell Temperature (PQ1TR) (DEGC)		08000				
100150						
MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)						
010000						
MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)						
010000						

PIP SUMMARY

Time Mark Every 60 S

Parameters		
DLIS Name	Description	Value
MRPQ_1: Quick Probe Module (MRPQ) 1		
QGCA	Quartz Gauge Pressure Correction Applied	BOTH
QGDA	Quartz Gauge Deviation Angle	0 DEG
QGFD	Quartz Gauge Flow Line Density	1 G/C3
MRPO UD: Dual Up-down Pumpout Module (MRPOUD)		

POUDAVHCC	MRPOUD Apply Volume Half Cycle Correction	YES	
POUDAVOPC	MRPOUD Apply Volume Over Pressure Correction	YES	
POUDAVSC	MRPOUD Apply Volume Stroke Correction	YES	
POUDDISPVOL	MRPOUD Displacement Unit Stroke Volume	485	
POUDFIXDISP	MRPOUD Fixed Displacement Pump Displacement Per Revolution	0.3175	
POUDHCPRLVL	MRPOUD Half-cycle Correction Pressure Level	150	PSIG
POUDOPCLVL	MRPOUD Over Pressure Correction Level	3800	PSIG
POUDPMPTYP	MRPOUD Hydraulic Pump Type	VARIABLE_DISPLACEMENT	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPQ_Pretest Vertical Scale: 1" per 60S Graphics File Created: 20-Nov-2009 11:58

OP System Version: 17C0-154

XPT-BA	SRPC-3821-Q2_2009_OP17_b	MRPQ_1	17C0-154
MRHY_1	17C0-154	MRPO_UD	17C0-154
CGA	17C0-154	MRMS_1	17C0-154
MRMS_2	17C0-154	MRPC	17C0-154
EDTA-A	SKK-3882-EDTCB_b	EDTC-B	SKK-3882-EDTCB_b

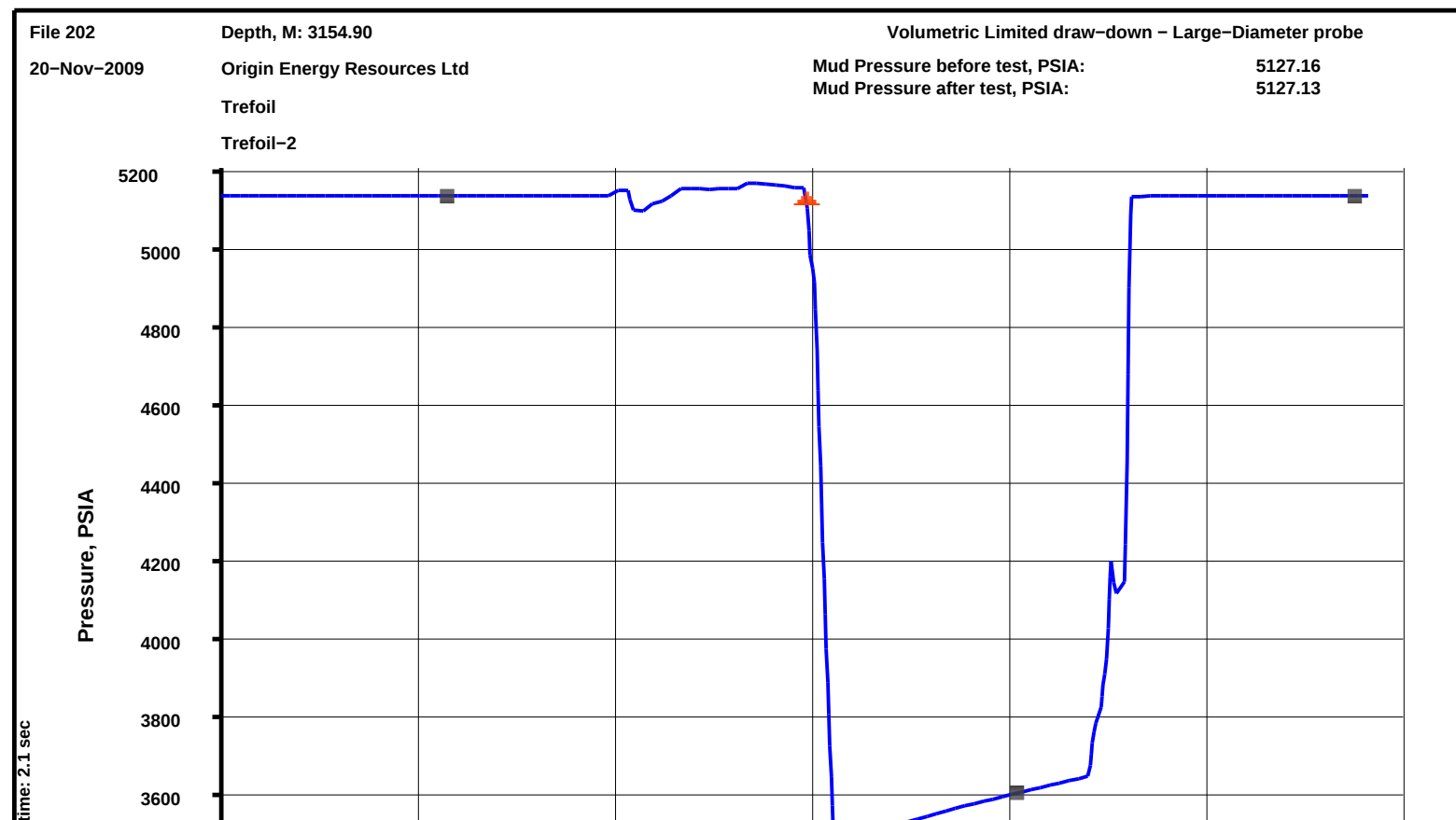
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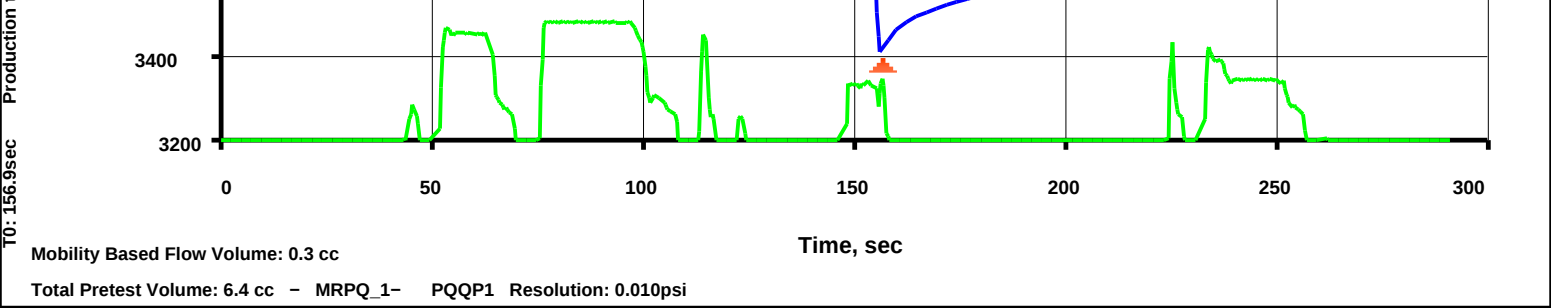
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INTERACTS1R2	XPT_MDT_OFA_197LTP	FN:395	PRODUCER	20-Nov-2009 11:58
RTBUP_SAMPLING	XPT_MDT_OFA_197LTP	FN:396	PRODUCER	20-Nov-2009 11:57

Schlumberger

Pretest @ 3154.9mMD

MAXIS Field Log





Company: Origin Energy Resources Ltd

Well: Trefoil-2

Output DLIS Files					
DEFAULT	XPT_MDT_OFA_202LTP	FN:409	PRODUCER	20-Nov-2009 16:05	3162.2 M
INTERACTS1R2	XPT_MDT_OFA_202LTP	FN:410	PRODUCER	20-Nov-2009 16:05	3162.2 M
RTBUP_SAMPLING	XPT_MDT_OFA_202LTP	FN:411	PRODUCER	20-Nov-2009 16:05	3162.2 M

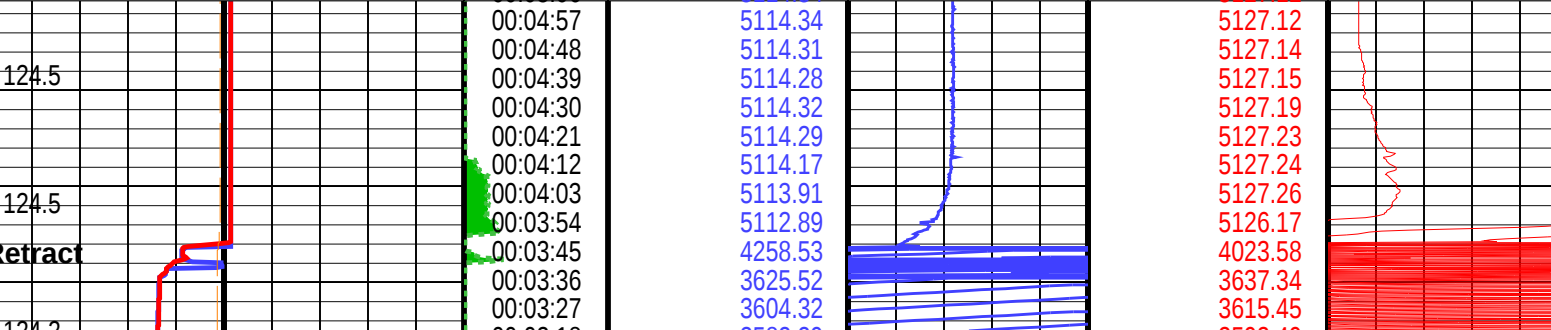
Elapsed Time (s)	Event Summary
228.0	Retract Quick Probe Module (MRPQ) 1
142.8	Vert Pretest 6.4 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
70.5	Probe Set @ 3154.9 M Quick Probe Module (MRPQ) 1

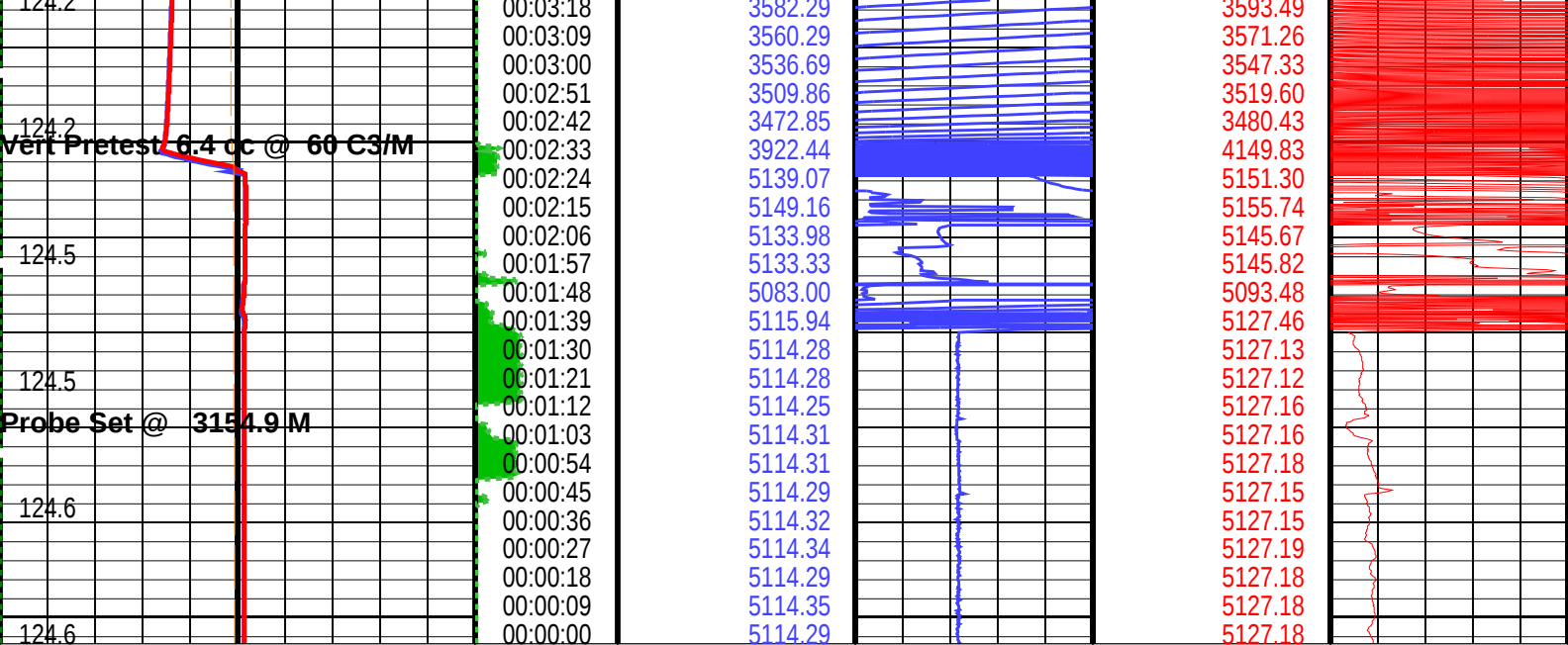
PIP SUMMARY

Time Mark Every 60 S

MRPQ 1 Quartz Gauge Pressure (PQQP1)		
(PSIA) 10000		
MRPQ 1 Strain Gauge Pressure (PQSG1)		
(PSIG) 10000		
MRPQ 1 Resistivity Cell Temperature (PQ1TR)		
00	(DEGC) 150	
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPO Total Flow Rate (POTFR) (C3/S)	Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
0 20			0 10		0 1





MRPO Total Flow Rate (POTFR) (C3/S)		Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
0 20				0 10		0 1
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)				
MRPQ 1 Resistivity Cell Temperature (PQ1TR) (DEGC)						
100 150						
MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)						
0 10000						
MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)						
0 10000						

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
MRPQ_1: Quick Probe Module (MRPQ) 1			
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
MRPO_UD: Dual Up-down Pumpout Module (MRPOUD)			
POUDAVHCC	MRPOUD Apply Volume Half Cycle Correction	YES	
POUDAVOPC	MRPOUD Apply Volume Over Pressure Correction	YES	
POUDAVSC	MRPOUD Apply Volume Stroke Correction	YES	
POUDDISPVOL	MRPOUD Displacement Unit Stroke Volume	485	
POUDFIXDISP	MRPOUD Fixed Displacement Pump Displacement Per Revolution	0.3175	
POUDHCPRLVL	MRPOUD Half-cycle Correction Pressure Level	150	PSIG
POUDOPCLVL	MRPOUD Over Pressure Correction Level	3800	PSIG
POUDPMPTYP	MRPOUD Hydraulic Pump Type	VARIABLE_DISPLACEMENT	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPQ_Pretest Vertical Scale: 1" per 60S

Graphics File Created: 20-Nov-2009 16:05

XPT-BA	SRPC-3821-Q2_2009_OP17_b	MRPQ_1	17C0-154
MRHY_1	17C0-154	MRPO_UD	17C0-154
CGA	17C0-154	MRMS_1	17C0-154
MRMS_2	17C0-154	MRPC	17C0-154
EDTA-A	SKK-3882-EDTCB_b	EDTC-B	SKK-3882-EDTCB_b

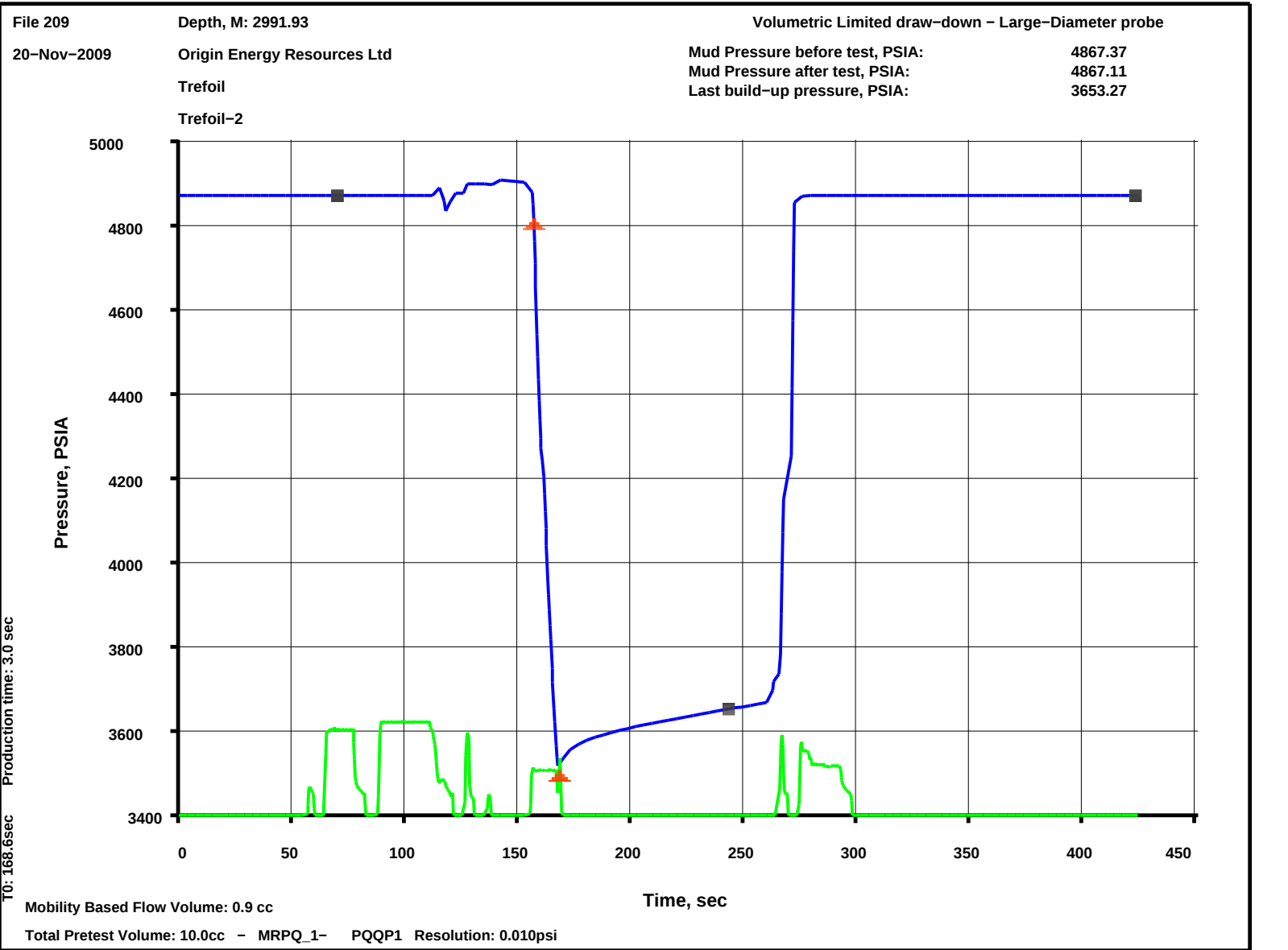
Output DLIS Files

DEFAULT	XPT_MDT_OFA_202LTP	FN:409	PRODUCER	20-Nov-2009 16:05
INTERACTS1R2	XPT_MDT_OFA_202LTP	FN:410	PRODUCER	20-Nov-2009 16:05
RTBUP_SAMPLING	XPT_MDT_OFA_202LTP	FN:411	PRODUCER	20-Nov-2009 16:05



Pretest @ 2992mMD

MAXIS Field Log



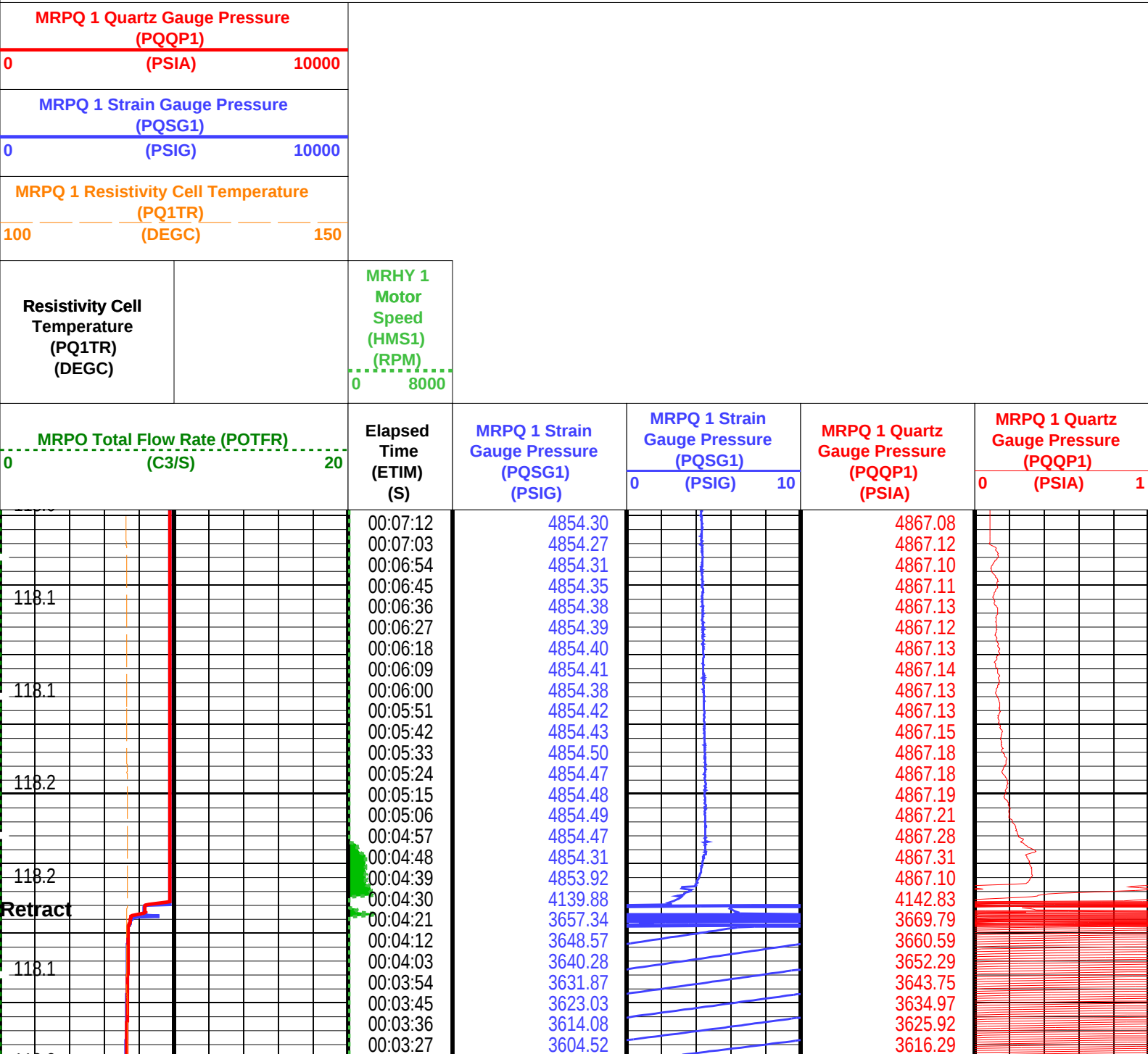
Output DLIS Files

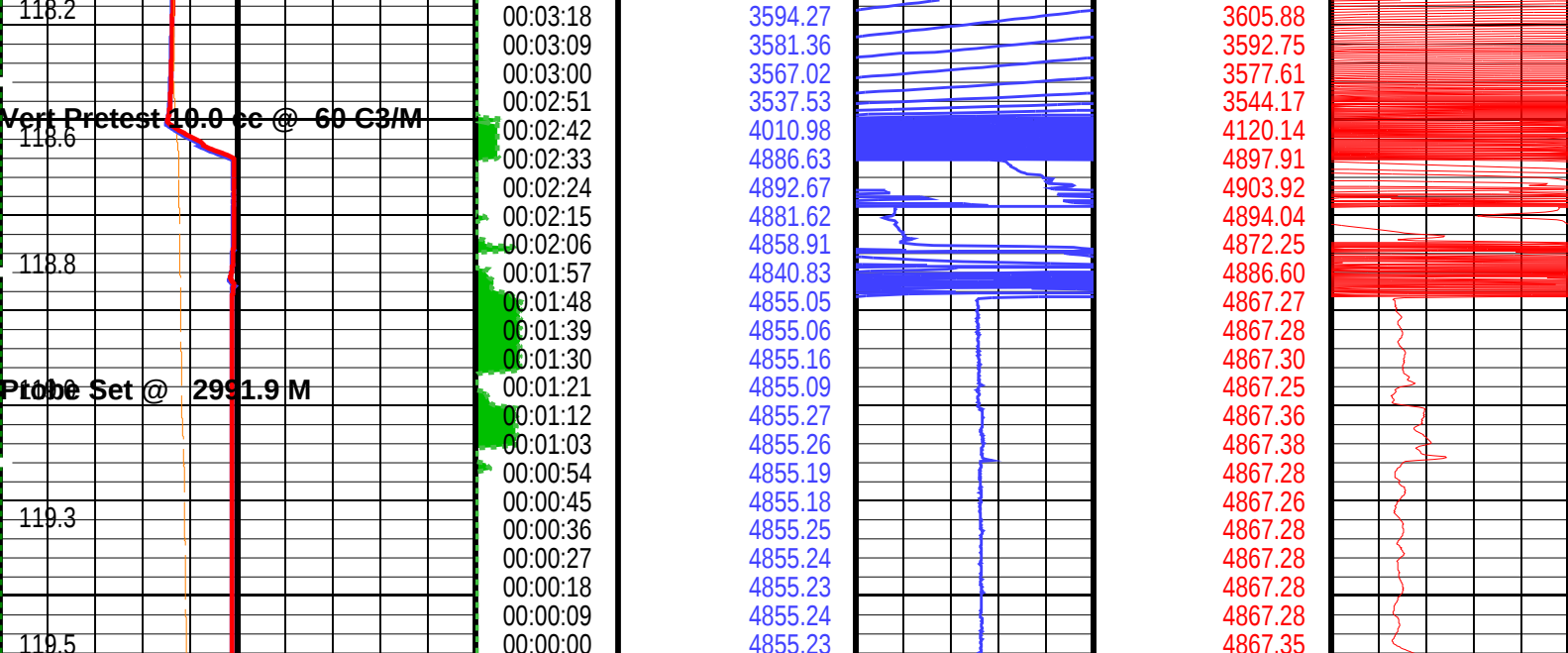
DEFAULT	XPT_MDT_OFA_209LTP	FN:430	PRODUCER	20-Nov-2009 19:25	2999.3 M
INTERACTS1R2	XPT_MDT_OFA_209LTP	FN:431	PRODUCER	20-Nov-2009 19:25	2999.3 M
RTBUP_SAMPLING	XPT_MDT_OFA_209LTP	FN:432	PRODUCER	20-Nov-2009 19:25	2999.3 M

Elapsed Time (s)	Event Summary
269.1	Retract Quick Probe Module (MRPQ) 1
150.6	Vert Pretest 10.0 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
83.7	Probe Set @ 2991.9 M Quick Probe Module (MRPQ) 1

PIP SUMMARY

Time Mark Every 60 S





MRPO Total Flow Rate (POTFR) (C3/S)		Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
020				010		01
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)				
MRPQ 1 Resistivity Cell Temperature (PQ1TR) (DEGC)		08000				
100150						
MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)						
010000						
MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)						
010000						

PIP SUMMARY

Time Mark Every 60 S

Parameters

DLIS Name	Description	Value	
MRPQ_1: Quick Probe Module (MRPQ) 1			
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
MRPO_UD: Dual Up-down Pumpout Module (MRPOUD)			
POUDAVHCC	MRPOUD Apply Volume Half Cycle Correction	YES	
POUDAVOPC	MRPOUD Apply Volume Over Pressure Correction	YES	
POUDAVSC	MRPOUD Apply Volume Stroke Correction	YES	
POUDDISPVOL	MRPOUD Displacement Unit Stroke Volume	485	
POUDFIXDISP	MRPOUD Fixed Displacement Pump Displacement Per Revolution	0.3175	
POUDHCPRLVL	MRPOUD Half-cycle Correction Pressure Level	150	PSIG
POUDOPCLVL	MRPOUD Over Pressure Correction Level	3800	PSIG
POUDPMPTYP	MRPOUD Hydraulic Pump Type	VARIABLE_DISPLACEMENT	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPQ_Prestest Vertical Scale: 1" per 60S Graphics File Created: 20-Nov-2009 19:25

XPT-BA	SRPC-3821-Q2_2009_OP17_b	MRPQ_1	17C0-154
MRHY_1	17C0-154	MRPO_UD	17C0-154
CGA	17C0-154	MRMS_1	17C0-154
MRMS_2	17C0-154	MRPC	17C0-154
EDTA-A	SKK-3882-EDTCB_b	EDTC-B	SKK-3882-EDTCB_b

Output DLIS Files

DEFAULT	XPT_MDT_OFA_209LTP	FN:430	PRODUCER	20-Nov-2009 19:25
INTERACTS1R2	XPT_MDT_OFA_209LTP	FN:431	PRODUCER	20-Nov-2009 19:25
RTBUP_SAMPLING	XPT_MDT_OFA_209LTP	FN:432	PRODUCER	20-Nov-2009 19:25

Schlumberger

Pretest @ 2980.5mMD

MAXIS Field Log

File 211

20-Nov-2009

Depth, M: 2980.52

Origin Energy Resources Ltd

Trefoil

Trefoil-2

Dry Test - Large-Diameter probe

Mud Pressure before test, PSIA:

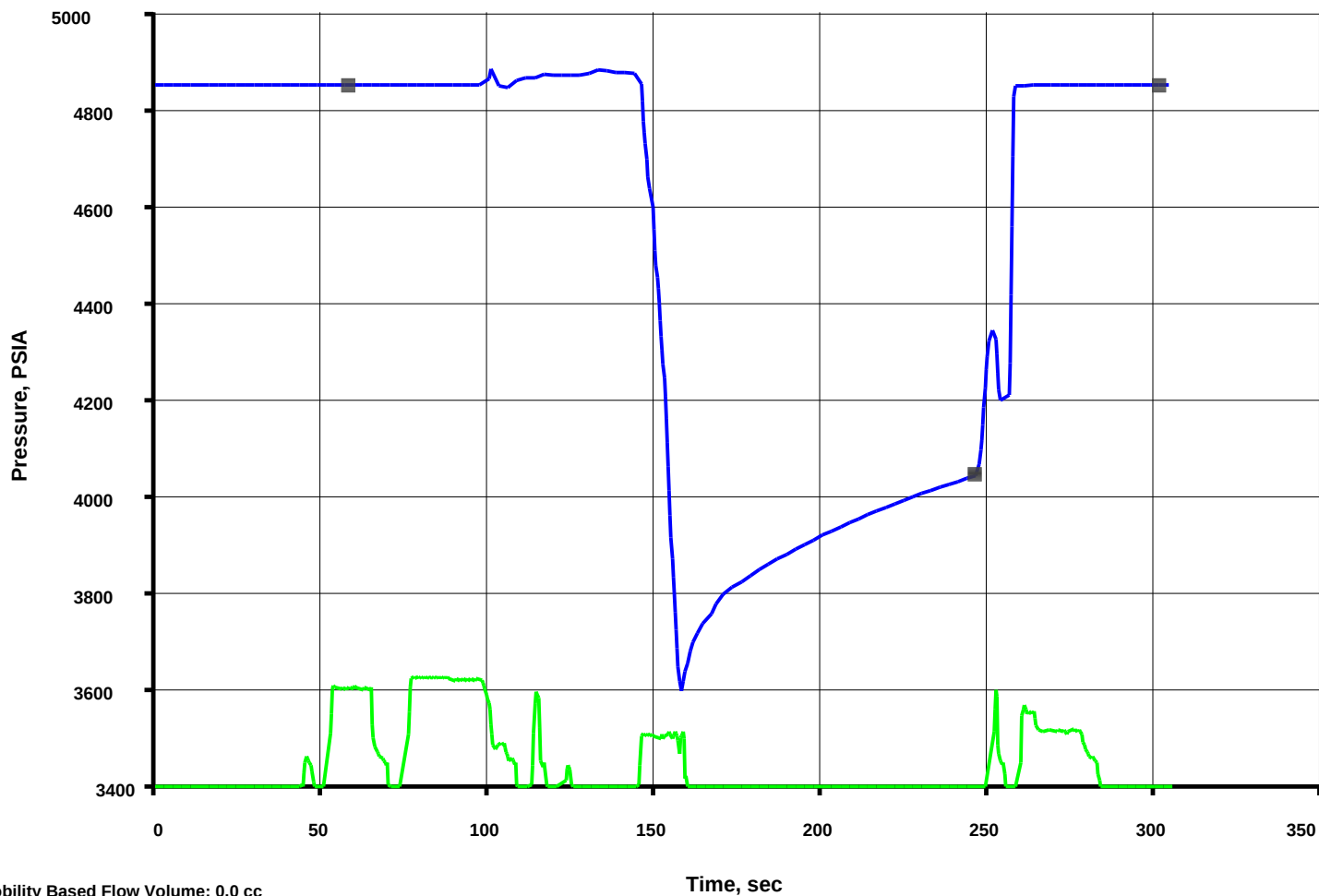
4848.77

Mud Pressure after test, PSIA:

4848.75

Last build-up pressure, PSIA:

4047.04



Output DLIS Files	
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DEFAULT	XPT_MDT_OFA_211LTP	FN:436	PRODUCER	20-Nov-2009 20:18	2987.9 M
INTERACTS1R2	XPT_MDT_OFA_211LTP	FN:437	PRODUCER	20-Nov-2009 20:18	2987.9 M
RTBUP_SAMPLING	XPT_MDT_OFA_211LTP	FN:438	PRODUCER	20-Nov-2009 20:17	2987.9 M

Elapsed Time (s)	Event Summary
255.0	Retract Quick Probe Module (MRPQ) 1
140.4	Vert Pretest 10.1 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
71.7	Probe Set @ 2980.5 M Quick Probe Module (MRPQ) 1

PIP SUMMARY

Time Mark Every 60 S

MRPQ 1 Quartz Gauge Pressure (PQQP1) 0 (PSIA) 10000		
MRPQ 1 Strain Gauge Pressure (PQSG1) 0 (PSIG) 10000		
MRPQ 1 Resistivity Cell Temperature (PQ1TR) 100 (DEGC) 150		
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM) 0 8000

MRPQ Total Flow Rate (POTFR) (C3/S)		Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
0	20			0 10		0 1
		00:05:15	4835.54		4848.73	
		00:05:06	4835.54		4848.73	
		00:04:57	4835.57		4848.76	
		00:04:48	4835.51		4848.79	
117.4		00:04:39	4835.54		4848.85	
		00:04:30	4835.32		4848.81	
		00:04:21	4834.38		4848.07	
Retract		00:04:12	4286.35		4341.75	
117.2		00:04:03	4023.48		4035.45	
		00:03:54	4003.20		4014.77	
		00:03:45	3981.11		3992.40	
		00:03:36	3956.21		3967.49	
		00:03:27	3929.89		3940.80	
117.2		00:03:18	3900.30		3911.16	
		00:03:09	3867.78		3878.19	
		00:03:00	3831.22		3840.87	
		00:02:51	3789.82		3798.79	
117.2		00:02:42	3701.63		3703.87	
Vert Pretest 10.1 cc @ 60 C3/M		00:02:33	4131.96		4243.42	
		00:02:24	4859.75		4872.20	
		00:02:15	4866.78		4877.56	
		00:02:06	4856.03		4869.33	
117.4		00:01:57	4857.24		4871.05	
		00:01:48	4844.99		4858.23	
		00:01:39	4835.46		4848.72	
		00:01:30	4835.49		4848.72	

117.5					00:01:21	4835.49			4848.72		
Probe Set @ 2980.5 M					00:01:12	4835.43			4848.70		
					00:01:03	4835.54			4848.76		
					00:00:54	4835.52			4848.75		
117.5					00:00:45	4835.46			4848.68		
					00:00:36	4835.46			4848.71		
					00:00:27	4835.46			4848.71		
					00:00:18	4835.47			4848.71		
					00:00:09	4835.44			4848.71		
117.5					00:00:00	4835.41			4848.72		

MRPO Total Flow Rate (POTFR) (C3/S)					Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
020							010		01
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)							
MRPQ 1 Resistivity Cell Temperature (PQ1TR) (DEGC)									
100150									
MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)									
010000									
MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)									
010000									

PIP SUMMARY											
Time Mark Every 60 S											

Parameters			
DLIS Name	Description	Value	
MRPQ_1: Quick Probe Module (MRPQ) 1			
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGFD	Quartz Gauge Flow Line Density	1	G/C3
MRPO_UD: Dual Up-down Pumpout Module (MRPOUD)			
POUDAVHCC	MRPOUD Apply Volume Half Cycle Correction	YES	
POUDAVOPC	MRPOUD Apply Volume Over Pressure Correction	YES	
POUDAVSC	MRPOUD Apply Volume Stroke Correction	YES	
POUDDISPVOL	MRPOUD Displacement Unit Stroke Volume	485	
POUDFIXDISP	MRPOUD Fixed Displacement Pump Displacement Per Revolution	0.3175	
POUDHCPRLVL	MRPOUD Half-cycle Correction Pressure Level	150	PSIG
POUDOPCLVL	MRPOUD Over Pressure Correction Level	3800	PSIG
POUDPMPTYP	MRPOUD Hydraulic Pump Type	VARIABLE_DISPLACEMENT	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPQ_Pretest	Vertical Scale: 1" per 60S	Graphics File Created: 20-Nov-2009 20:18
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OP System Version: 17C0-154											
XPT-BA	SRPC-3821-Q2_2009_OP17_b				MRPQ_1	17C0-154					
MRHY_1	17C0-154				MRPO_UD	17C0-154					
CGA	17C0-154				MRMS_1	17C0-154					
MRMS_2	17C0-154				MRPC	17C0-154					
EDTA-A	SKK-3882-EDTCB_b				EDTC-B	SKK-3882-EDTCB_b					

Output DLIS Files											
DEFAULT	XPT_MDT_OFA_211LTP				FN:436	PRODUCER	20-Nov-2009 20:18				
INTERACTS1R2	XPT_MDT_OFA_211LTP				FN:437	PRODUCER	20-Nov-2009 20:18				
DEPTH SAMPLING	XPT_MDT_OFA_211LTP				FN:438	PRODUCER	20-Nov-2009 20:18				

Schlumberger**Pretest @ 2980.7mMD**

MAXIS Field Log

File 212

Depth, M: 2980.71

Volumetric Limited draw-down - Large-Diameter probe

20-Nov-2009

Origin Energy Resources Ltd

Mud Pressure before test, PSIA: 4849.15

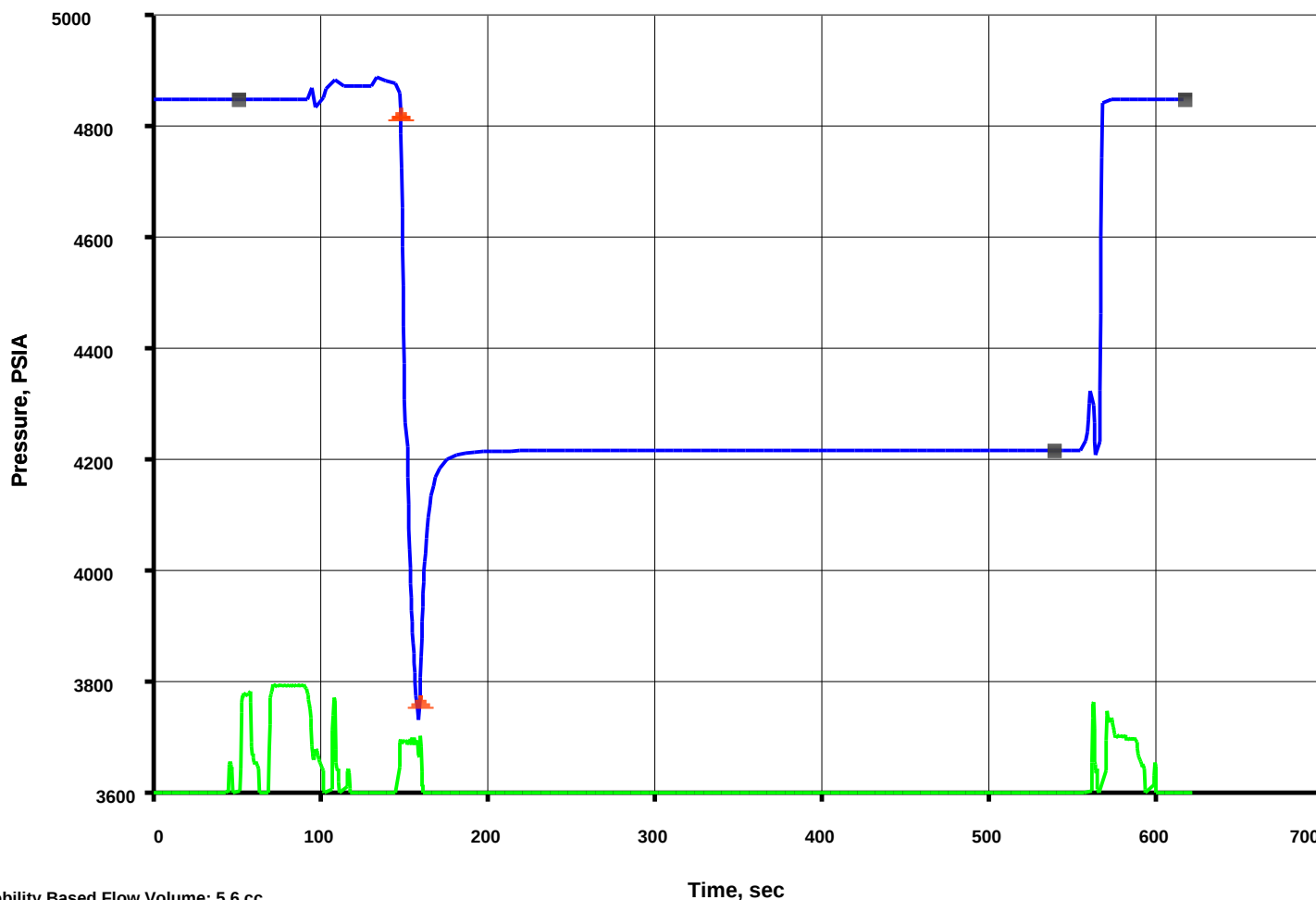
Mud Pressure after test, PSIA: 4848.95

Trefoil

Last build-up pressure, PSIA: 4216.98

Trefoil-2

Draw-down mobility, md/cp: 3



Company: Origin Energy Resources Ltd

Well: Trefoil-2

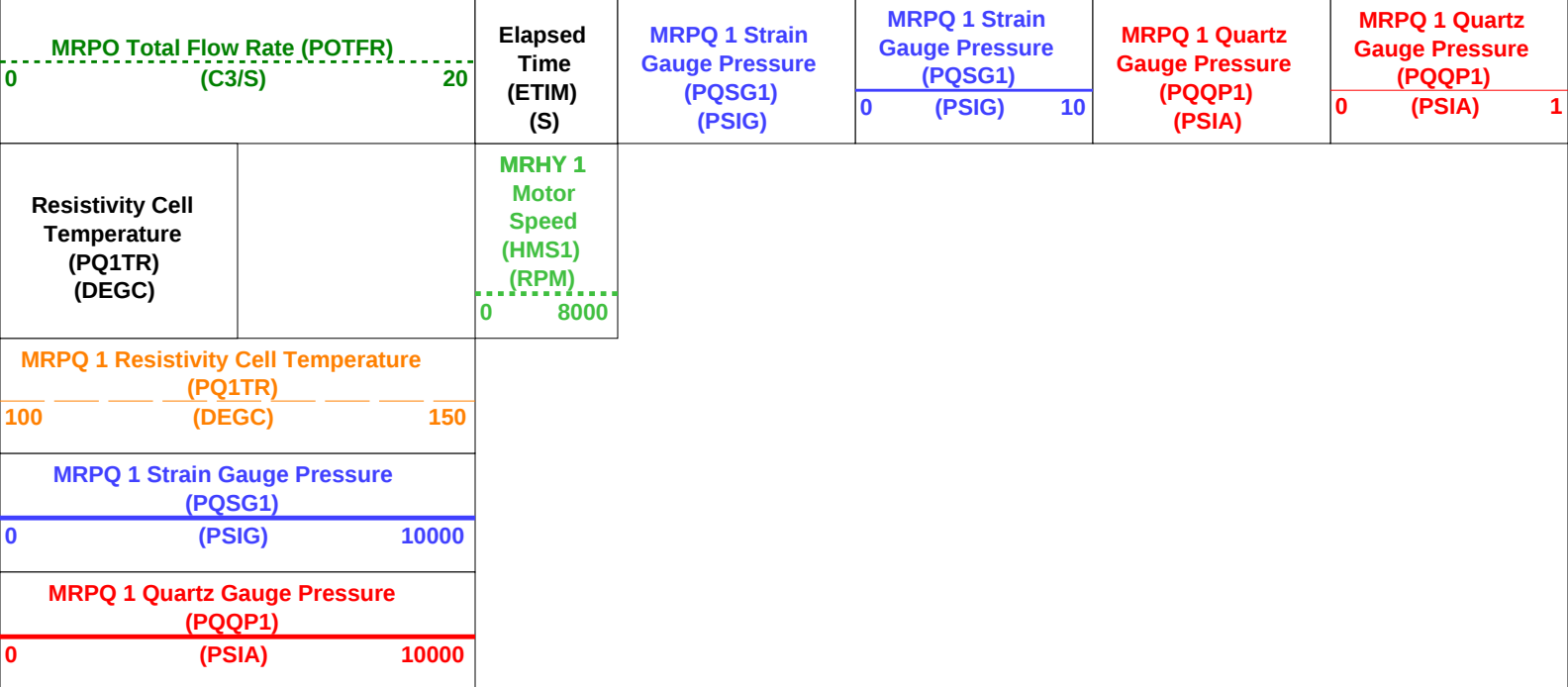
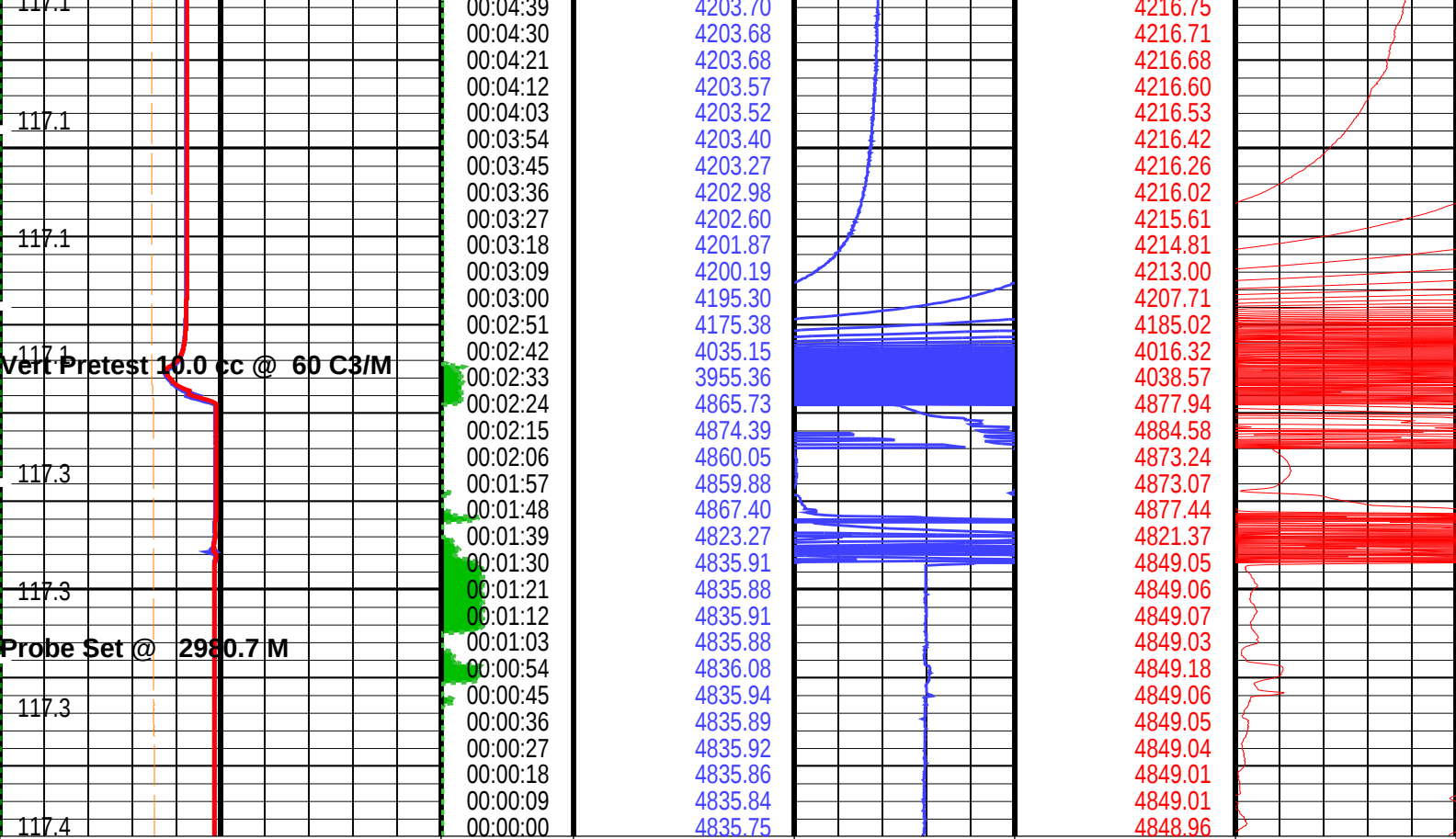
Output DLIS Files

DEFAULT	XPT_MDT_OFA_212LTP	FN:439	PRODUCER	20-Nov-2009 20:26	2988.0 M
INTERACTS1R2	XPT_MDT_OFA_212LTP	FN:440	PRODUCER	20-Nov-2009 20:26	2988.0 M
RTBUP_SAMPLING	XPT_MDT_OFA_212LTP	FN:441	PRODUCER	20-Nov-2009 20:26	2988.0 M

Elapsed
Time (s)**Event Summary**

563.7	Retract Quick Probe Module (MRPQ) 1
141.9	Vert Pretest 10.0 cc @ 60 C3/M Quick Probe Module (MRPQ) 1
64.5	Probe Set @ 2980.7 M Quick Probe Module (MRPQ) 1

PIP SUMMARY						
Time Mark Every 60 S						
MRPQ 1 Quartz Gauge Pressure (PQQP1)						
0 (PSIA) 10000						
MRPQ 1 Strain Gauge Pressure (PQSG1)						
0 (PSIG) 10000						
MRPQ 1 Resistivity Cell Temperature (PQ1TR)						
100 (DEGC) 150						
Resistivity Cell Temperature (PQ1TR) (DEGC)		MRHY 1 Motor Speed (HMS1) (RPM)				
		0 8000				
MRPO Total Flow Rate (POTFR) (C3/S)			Elapsed Time (ETIM) (S)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Strain Gauge Pressure (PQSG1) (PSIG)	MRPQ 1 Quartz Gauge Pressure (PQQP1) (PSIA)
0 20				0 10		0 1
117.2			00:10:30	4835.77		4848.95
			00:10:21	4835.80		4848.95
			00:10:12	4835.78		4848.96
			00:10:03	4835.75		4848.97
			00:09:54	4835.80		4849.02
			00:09:45	4835.72		4848.97
			00:09:36	4835.52		4848.96
Retract			00:09:27	4834.73		4848.05
			00:09:18	4310.40		4271.54
			00:09:09	4203.95		4217.05
			00:09:00	4203.95		4216.98
			00:08:51	4203.93		4216.97
117.1			00:08:42	4203.93		4216.96
			00:08:33	4203.93		4216.98
			00:08:24	4203.93		4216.98
			00:08:15	4203.96		4216.96
117.1			00:08:06	4203.93		4216.97
			00:07:57	4203.96		4216.98
			00:07:48	4203.93		4216.95
			00:07:39	4203.93		4216.96
117.1			00:07:30	4203.91		4216.95
			00:07:21	4203.96		4216.95
			00:07:12	4203.91		4216.94
			00:07:03	4203.99		4216.98
			00:06:54	4203.99		4216.98
117.1			00:06:45	4203.94		4216.97
			00:06:36	4203.94		4216.92
			00:06:27	4203.89		4216.93
			00:06:18	4203.89		4216.92
117.1			00:06:09	4203.90		4216.91
			00:06:00	4203.87		4216.91
			00:05:51	4203.85		4216.90
			00:05:42	4203.85		4216.90
			00:05:33	4203.87		4216.88
117.1			00:05:24	4203.82		4216.87
			00:05:15	4203.85		4216.86
			00:05:06	4203.82		4216.83
			00:04:57	4203.77		4216.81
117.1			00:04:48	4203.78		4216.78
			00:04:39	4203.75		4216.75



PIP SUMMARY

Parameters			
DLIS Name	Description	Value	
MRPQ_1: Quick Probe Module (MRPQ) 1			
QGCA	Quartz Gauge Pressure Correction Applied	BOTH	
QGDA	Quartz Gauge Deviation Angle	0	DEG
QGF D	Quartz Gauge Flow Line Density	1	G/C3
MRPO_UD: Dual Up-down Pumpout Module (MRPOUD)			
POUDAVHCC	MRPOUD Apply Volume Half Cycle Correction	YES	
POUDAVOPC	MRPOUD Apply Volume Over Pressure Correction	YES	
POUDAVSC	MRPOUD Apply Volume Stroke Correction	YES	
POUDDISPVOL	MRPOUD Displacement Unit Stroke Volume	485	
POUDFIXDISP	MRPOUD Fixed Displacement Pump Displacement Per Revolution	0.3175	
POUDHCPRLVL	MRPOUD Half-cycle Correction Pressure Level	150	PSIG
POUDPBCLVOL	MRPOUD Pump Back Correction Volume	2300	PSIG

POUDOPCLVL	MRPOUD Over Pressure Correction Level	3800	PSIG
POUDPMPTYP	MRPOUD Hydraulic Pump Type	VARIABLE_DISPLACEMENT	
CGA: Condensate & Gas Analyzer			
PDCO	Probe Depth Correction Offset	0	M
MRPC: Power Cartridge			
PDCO	Probe Depth Correction Offset	0	M

Format: MRPQ_Pretest Vertical Scale: 1" per 60S Graphics File Created: 20-Nov-2009 20:26

OP System Version: 17C0-154

XPT-BA	SRPC-3821-Q2_2009_OP17_b	MRPQ_1	17C0-154
MRHY_1	17C0-154	MRPO_UD	17C0-154
CGA	17C0-154	MRMS_1	17C0-154
MRMS_2	17C0-154	MRPC	17C0-154
EDTA-A	SKK-3882-EDTCB_b	EDTC-B	SKK-3882-EDTCB_b

Output DLIS Files

DEFAULT	XPT_MDT_OFA_212LTP	FN:439	PRODUCER	20-Nov-2009 20:26
INTERACTS1R2	XPT_MDT_OFA_212LTP	FN:440	PRODUCER	20-Nov-2009 20:26
RTBUP_SAMPLING	XPT_MDT_OFA_212LTP	FN:441	PRODUCER	20-Nov-2009 20:26

Company: **Origin Energy Resources Ltd**

Schlumberger

Well: **Trefoil-2**

Field: **Trefoil**

Rig: **Kan Tan IV**

Country: **Australia**

Suite 1 Run 2
XPT-MDT-GR
MDT Pressures Log