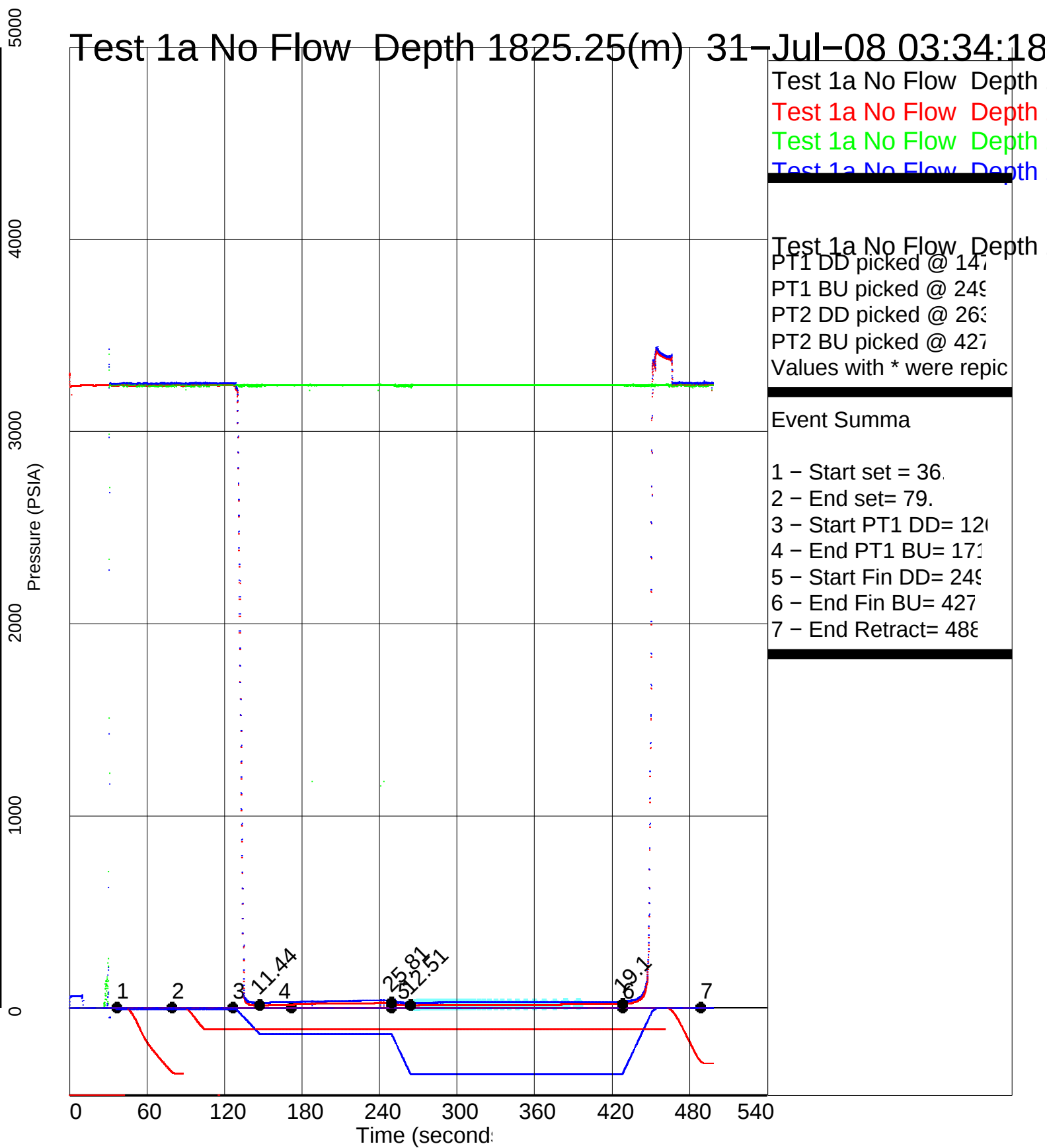




IDEAL Version: ID13_0C_08
IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 01
Date: 31-Jul-08

Depth: 5988.34 (ft)
TVD: 5692.52 (ft)

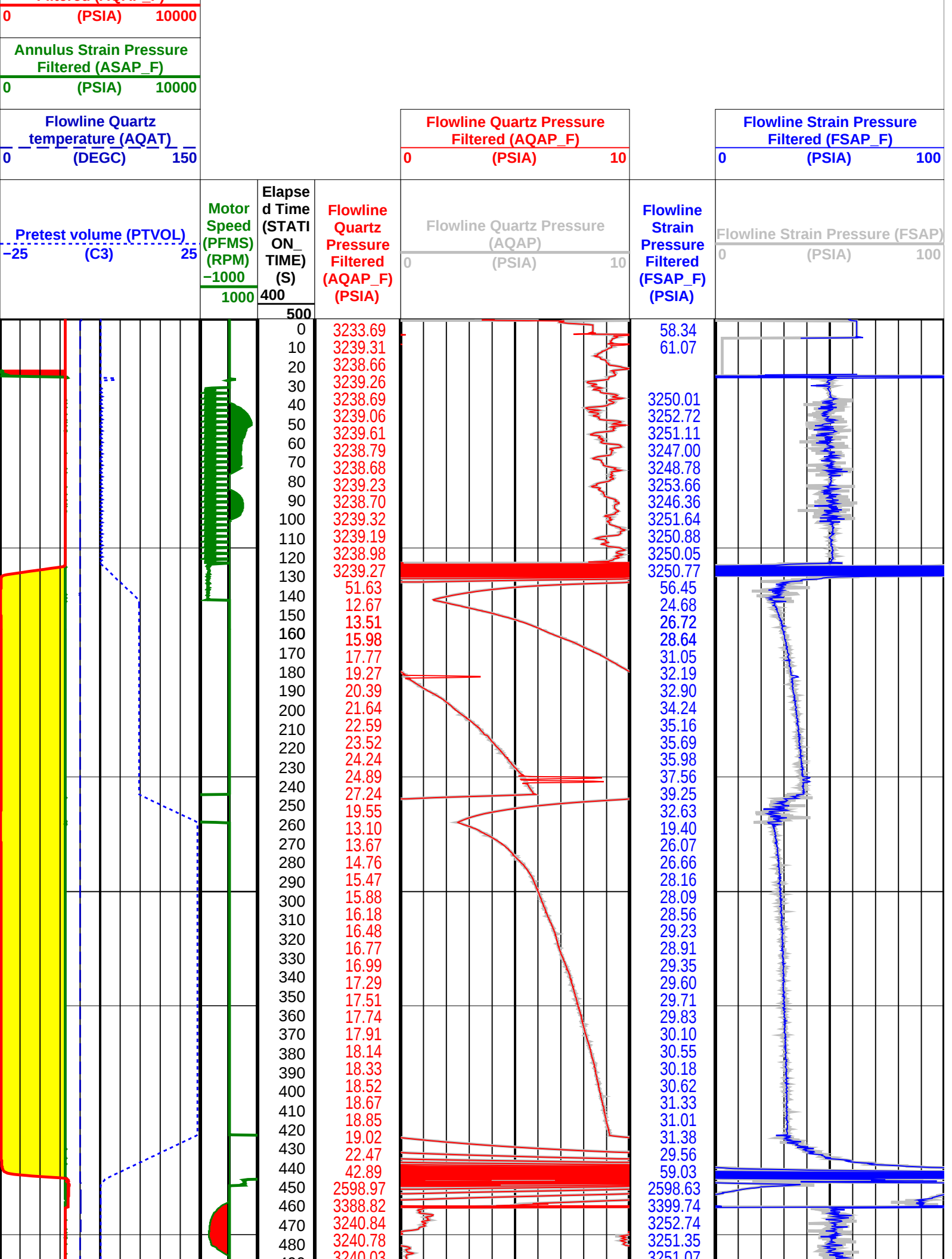
Date:	31-Jul-08	TVD:	5602.52 (ft)
Time:	03:34:18		
Company Name (CN):	Santos Ltd	Field Location(FL):	Otway Basin
Well Name (WN):	Netherby-1	Country(FL1):	
Field Name(FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province(STAT):	Victoria	File Name:	Run-03Tst01_1.CS_ETIME
Run number:	03	Test number:	01
Test Date:	31-Jul-08 03:34:18	Depth Measured:	5988.34 (ft)
TVD:	5602.52 (ft)	Well Deviation:	35.21 (deg)
Test Type:	0-C	Circulation Rate:	0.00 (gal/min)
Probe Orientation:	61.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.18 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.18 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	Dry Test
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	EPWD800_A		

Pretest 1 (Investigation Test) Drawdown Pressure:	11.44 (psia)
Pretest 1 (Investigation Test) Build Pressure:	25.81 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	36.21 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	12.51 (psia)
Pretest 2 (Final Test) Build Presure:	19.10 (psia)
One minute slope (Pretest 2) Buildup:	1.11 (psia/min)
Pressure Variance (Pretest 2) Buildup:	0.03 (psia)
Final Drawdown Mobility:	152.11 (mD/cP)
Pumps Off Test:	Yes
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

Well Pressure Before Test:	3238.54 (psia)
Well Pressure After Test:	3240.32 (psia)
Temperature Before Test:	59.68 (degc)
Temperature After Test:	59.76 (degc)
Estimated Mud Compressibilty:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.49 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.54 (cm3)
Pretest 2 (Final Test) Rate:	0.98 (cm3/s)
Pretest 2 (Final Test) Volume:	11.64 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	147.31 (sec)
Start Pretest 1 (Investigation Test) Buildup:	249.19 (sec)
Start Pretest 2 (Final Test) Drawdown:	263.94 (sec)
Start Pretest 2 (Final Test) Buildup:	427.94 (sec)

StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AOAP F)	
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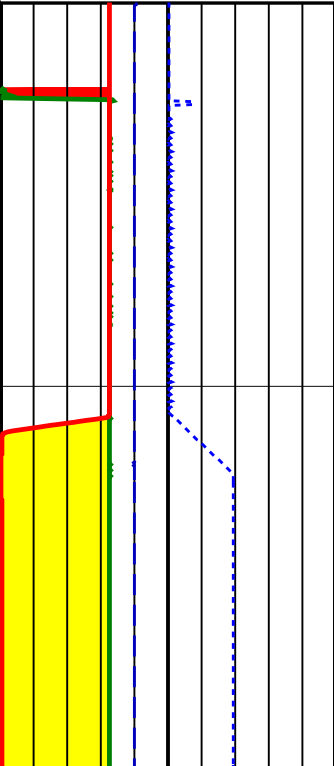
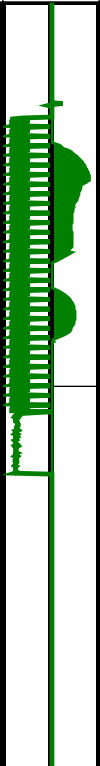
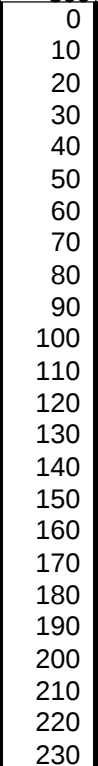
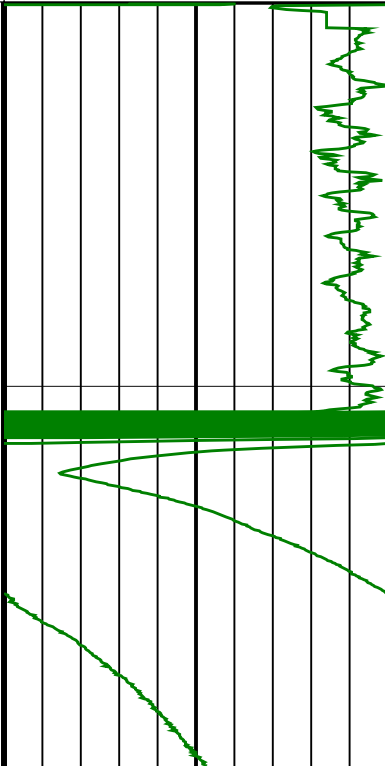
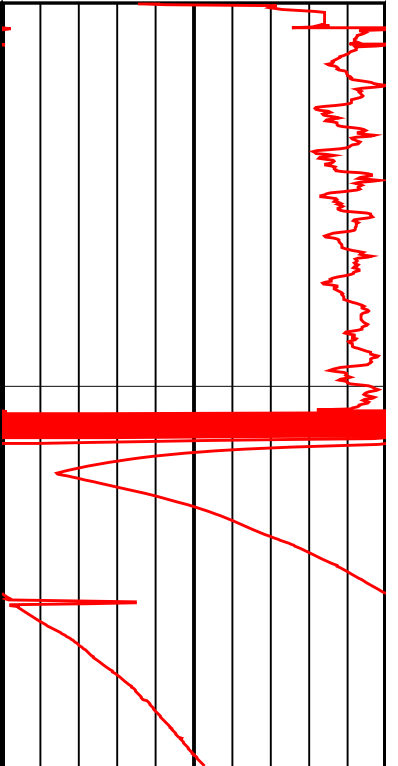


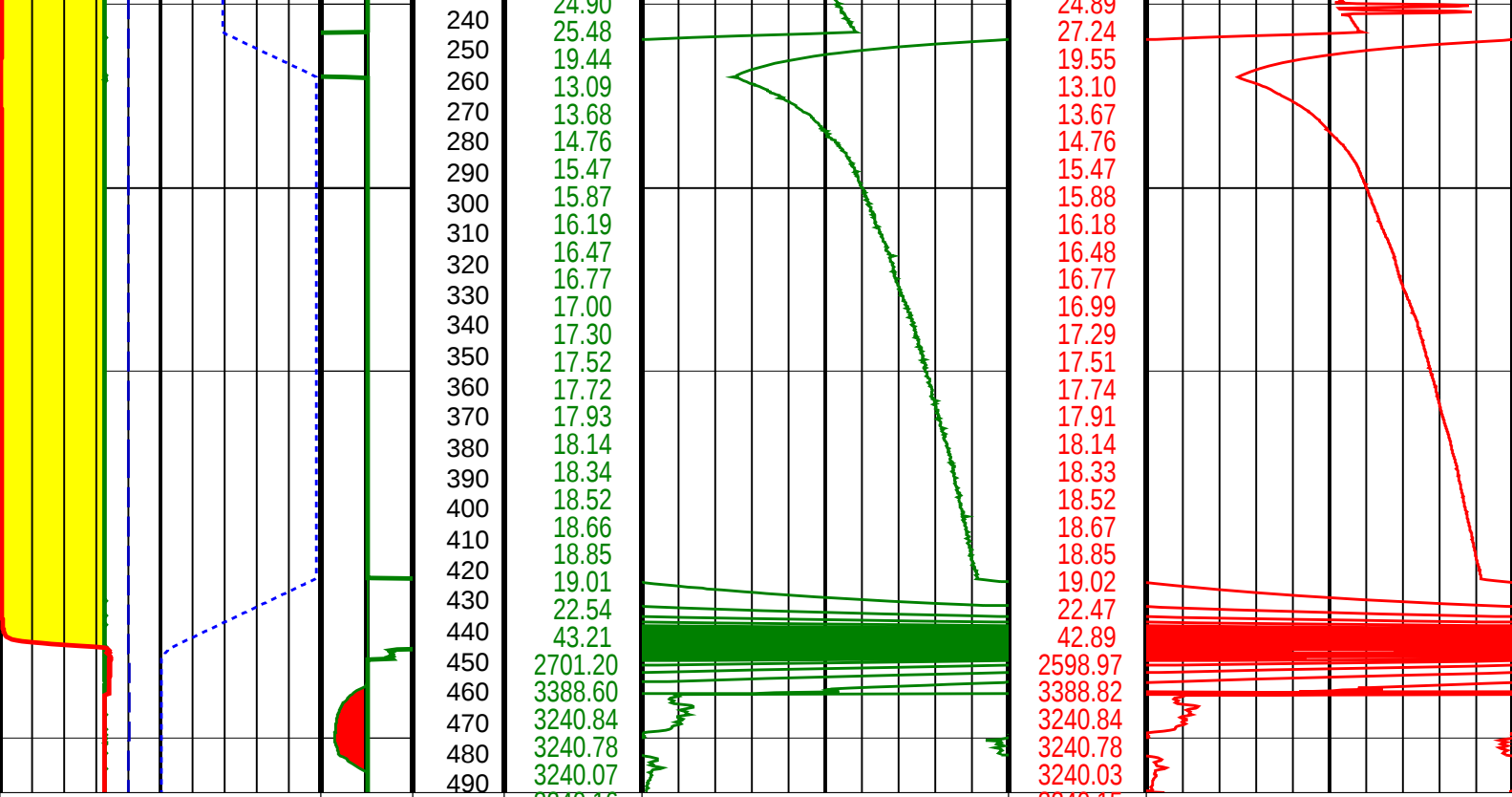
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON TIME) (S) 490 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 3240.03 3240.15	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 3251.07 3251.55	Flowline Strain Pressure (FSAP) (PSIA) 0 100
Flowline Quartz temperature (AQAT) (DEGC) 0 150			Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 0 100		
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000						
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000						

IDEAL Version: ID13_0C_08

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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000						
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000						
Flowline Quartz temperature (AQAT) (DEGC) 0 150						
Pretest volume (PTVOL) (C3) -25 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA) 3293.78 3239.36 3238.64 3239.23 3238.72 3239.06 3239.62 3238.78 3238.66 3239.23 3238.72 3239.32 3239.21 3239.00 3239.27 49.67 12.65 13.54 15.98 17.80 19.28 20.37 21.66 22.59 23.53 24.24 24.82 24.82	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 3233.69 3239.31 3238.66 3239.26 3238.69 3239.06 3239.61 3238.79 3238.68 3239.23 3238.70 3239.32 3239.19 3238.98 3239.27 51.63 12.67 13.51 15.98 17.77 19.27 20.39 21.64 22.59 23.52 24.24 24.82 24.82	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
						



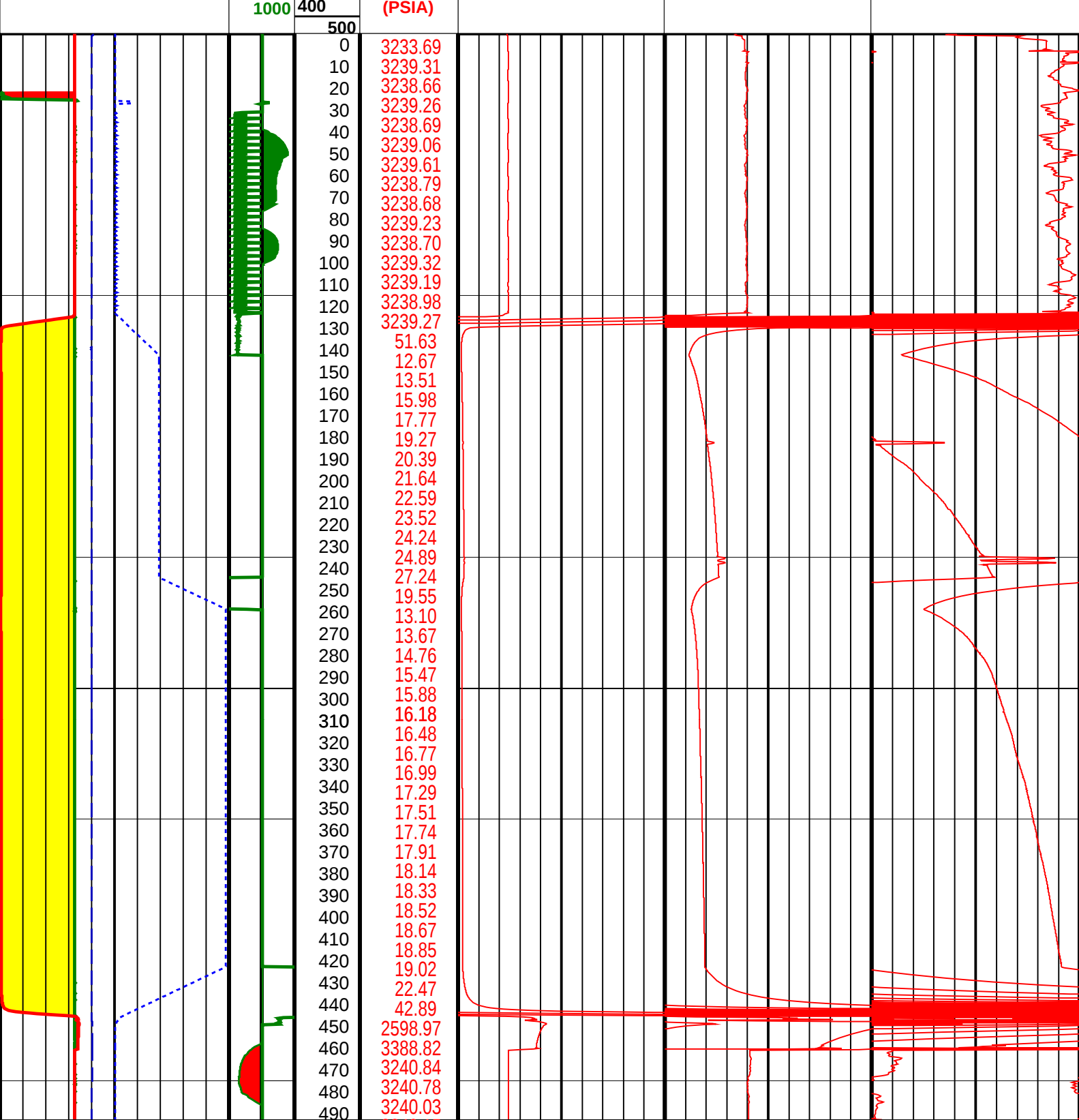
Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
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Flowline Quartz temperature (AQAT) (DEGC) 0 150
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000

IDEAL Version: ID13_OC_08 IDEAL	
FPWD800-A	id13_oc_02

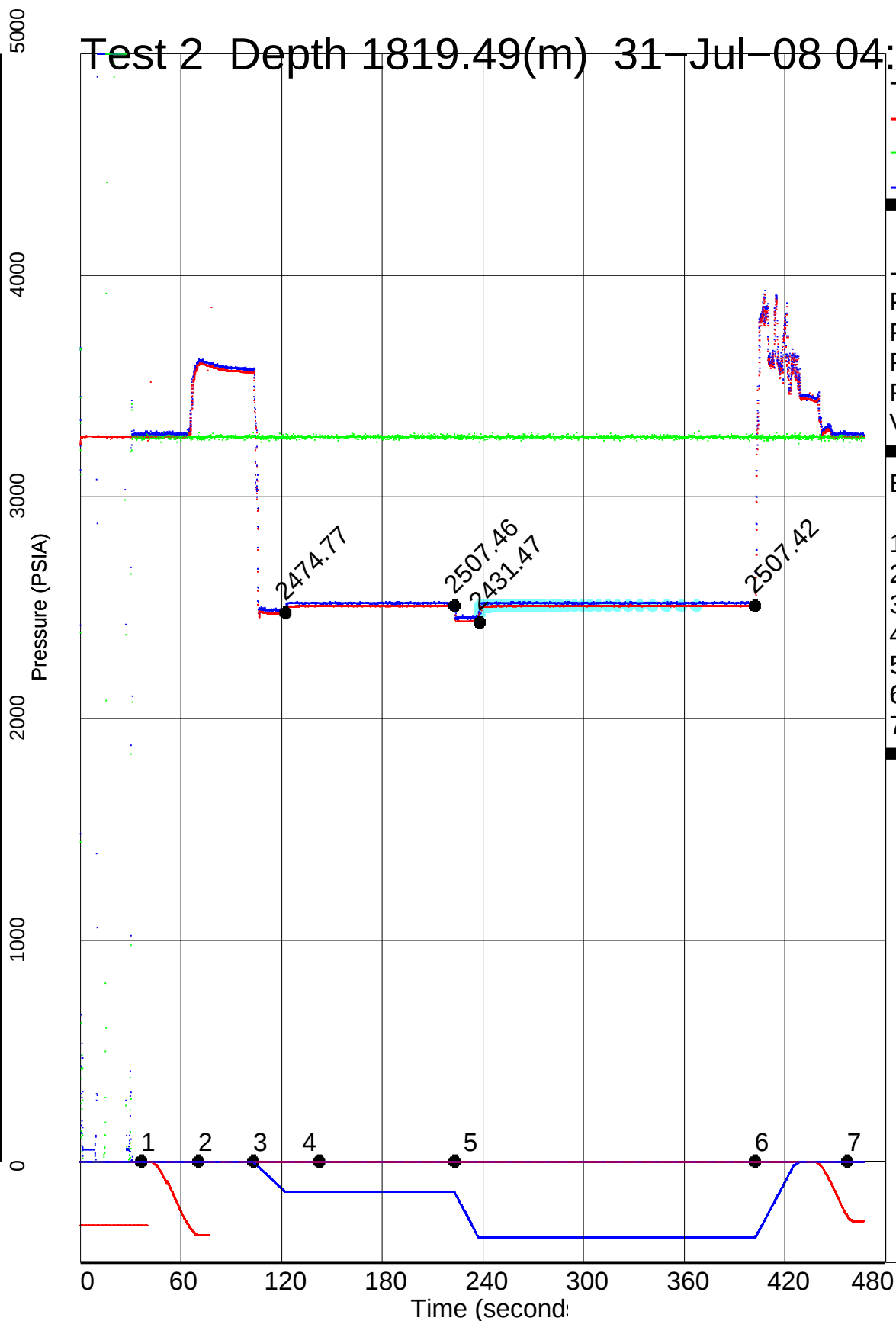
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000
Flowline Quartz temperature (AQAT) (DEGC) 0 150

Pretest volume (PTVOL) (C3) -25 25	Motor Speed (PFMS) (RPM) -1000	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 1000	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 100	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
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Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F)		Flowline Quartz Pressure Filtered (AQAP_F)		Flowline Quartz Pressure Filtered (AQAP_F)	
				0 (PSIA) 1000		0 (PSIA) 100		0 (PSIA) 10	

Flowline Quartz temperature (AQAT) 0 (DEGC) 150	
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000	



Test 2 Depth 1819.49(m)
Test 2 Depth 1819.49(m)
Test 2 Depth 1819.49(m)
Test 2 Depth 1819.49(m)

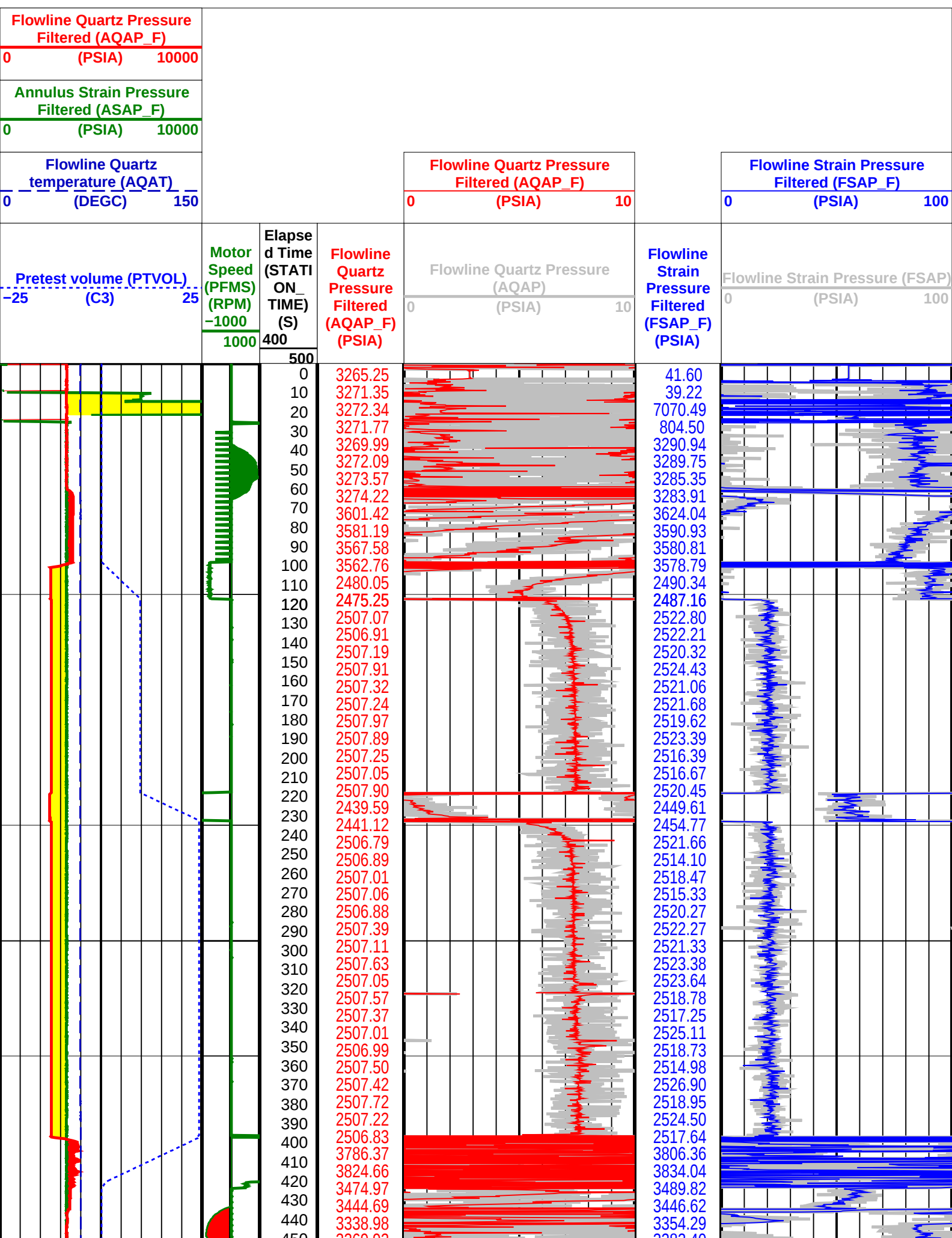
Test 2 Depth 1819.49(m)
PT1 DD picked @ 122
PT1 BU picked @ 223
PT2 DD picked @ 237
PT2 BU picked @ 402
Values with * were repic

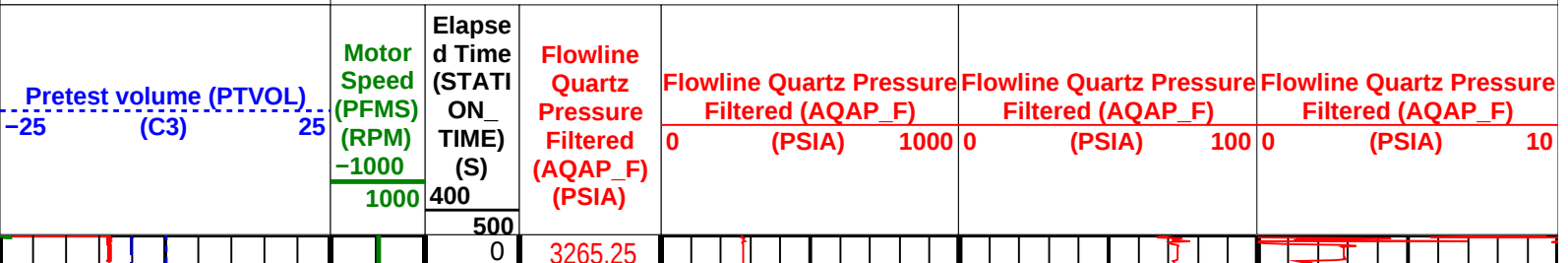
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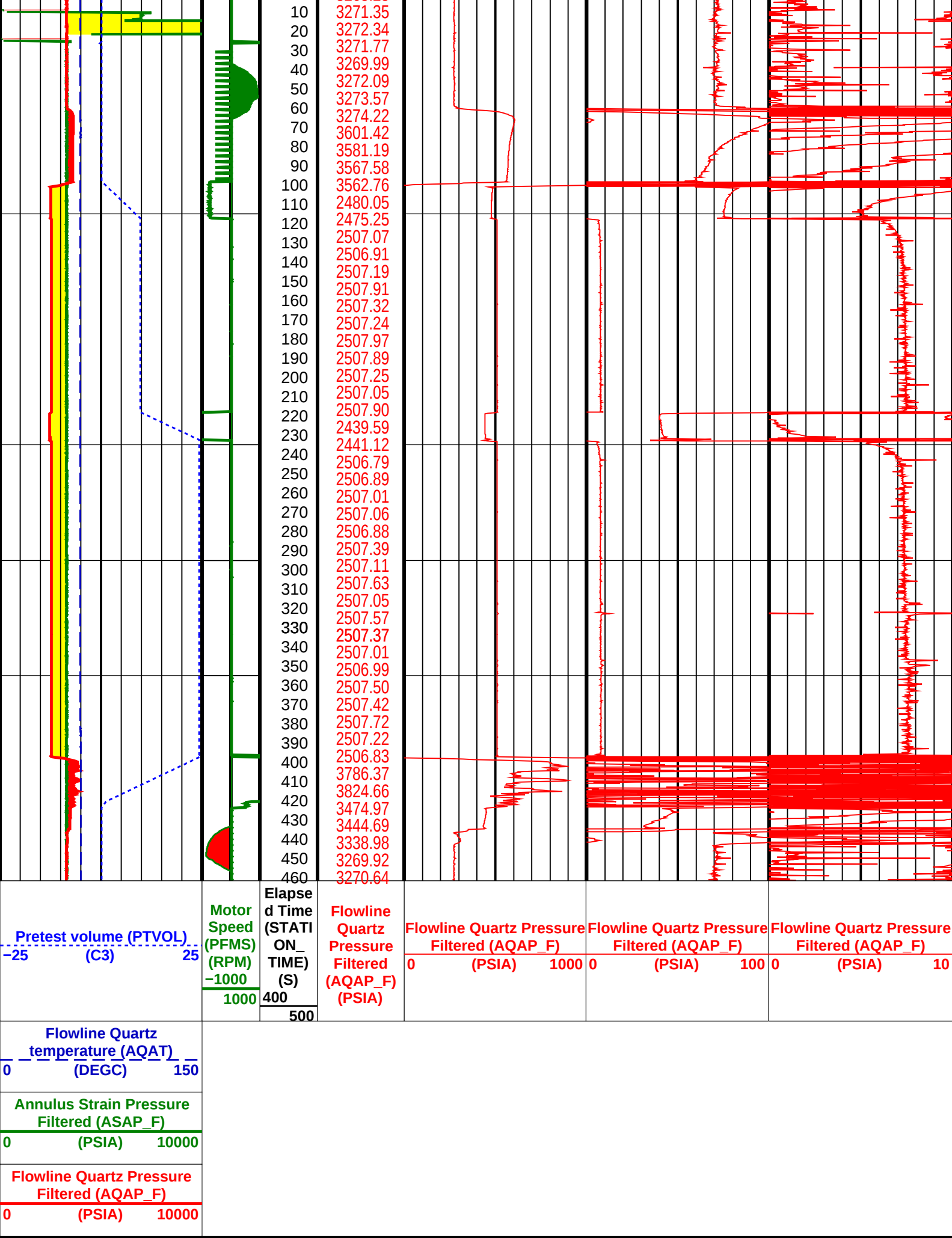
- 1 - Start set = 36.
- 2 - End set= 70.
- 3 - Start PT1 DD= 104
- 4 - End PT1 BU= 142
- 5 - Start Fin DD= 223
- 6 - End Fin BU= 402
- 7 - End Retract= 470

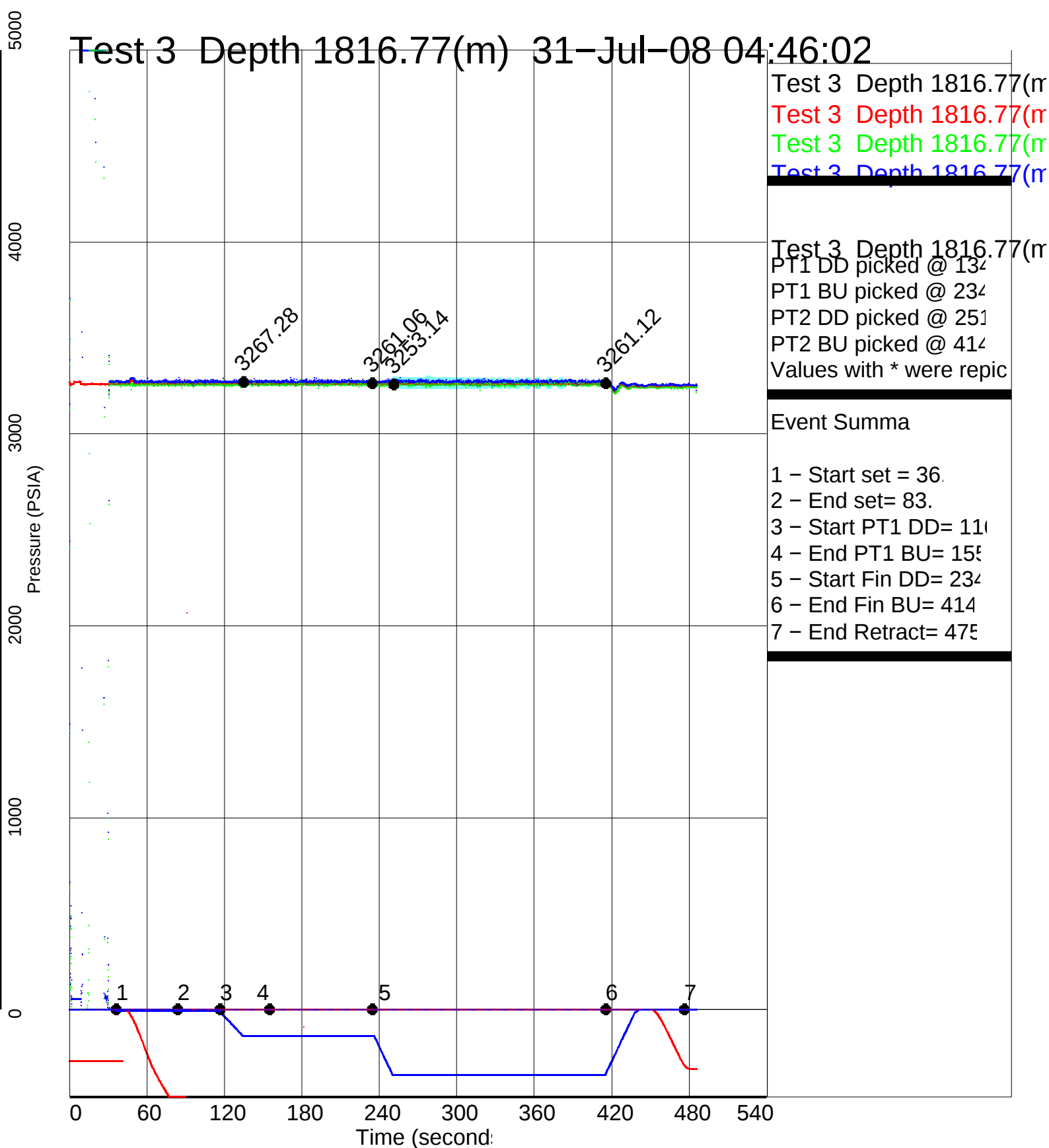
Wellsite StethoScope Test Summary

Test number: 02 Date: 31-Jul-08 Time: 04:26:22				Depth: 5969.44 (ft) TVD: 5587.08 (ft)					
Company Name (CN): Santos Ltd		Field Location(FL): Otway Basin		Well Name (WN): Netherby-1		Country(FL1):			
Field Name(FN): Otway		Well Number (API): N/A		County/Rig (COUN) Ocean Patriot		Depth Datum (PDAT): Mean Sea Level			
State/Province(STAT): Victoria		File Name: Run-03Tst02_1.CS_ITIME		Run number: 03		Test number: 02			
Test Date: 31-Jul-08 04:26:22		Depth Measured: 5969.44 (ft)		TVD: 5587.08 (ft)		Well Deviation: 35.22 (deg)			
Test Type: 0-C		Circulation Rate: 732.00 (gal/min)		Probe Orientation: 98.00 (deg)		Mud Weight: 11.10 (lb/g)			
Flowline quartz gauge offset: 3.18 (psia)		Flowline strain gauge offset: 2.84 (psia)		Wellbore quartz gauge offset: 3.18 (psia)		Bit Size: 12.25 (in)			
Caliper at test depth: Bit Size		Interpreted pretest type: Normal		Quartz gauge: ACQG		Strain gauge: Paine			
Tool: FPWD800_A									
Pretest 1 (Investigation Test) Drawdown Pressure: 2474.77 (psia)				Pretest 1 (Investigation Test) Build Pressure: 2507.46 (psia)					
Pretest 1 (Investigation Test) Drawdown Mobility: 83.41 (mD/cP)				Pretest 2 (Final Test) Drawdown Pressure: 2431.47 (psia)					
Pretest 2 (Final Test) Drawdown Pressure: 2431.47 (psia)				Pretest 2 (Final Test) Build Presure: 2507.42 (psia)					
Pretest 2 (Final Test) Build Presure: 2507.42 (psia)				One minute slope (Pretest 2) Buildup: -0.22 (psia/min)					
One minute slope (Pretest 2) Buildup: -0.22 (psia/min)				Pressure Variance (Pretest 2) Buildup: 1.03 (psia)					
Pressure Variance (Pretest 2) Buildup: 1.03 (psia)				Final Drawdown Mobility: 75.35 (mD/cP)					
Final Drawdown Mobility: 75.35 (mD/cP)				Pumps Off Test: No					
Pumps Off Test: No				** Parameters annotated as Picked were manually selected **					
** Parameters annotated as Picked were manually selected **				** Results were Recomputed using the picks **					
Well Pressure Before Test: 3271.21 (psia)				Well Pressure After Test: 3270.02 (psia)					
Well Pressure After Test: 3270.02 (psia)				Temperature Before Test: 59.33 (degc)					
Temperature Before Test: 59.33 (degc)				Temperature After Test: 59.41 (degc)					
Temperature After Test: 59.41 (degc)				Estimated Mud Compressibility: 0.00 (1/psia)					
Estimated Mud Compressibility: 0.00 (1/psia)				Pretest 6000 psi/current limit reached: No					
Pretest 6000 psi/current limit reached: No				Pretest 1 (Investigation test) Rate: 0.49 (cm3/s)					
Pretest 1 (Investigation test) Rate: 0.49 (cm3/s)				Pretest 1 (Investigation test) Volume: 9.53 (cm3)					
Pretest 1 (Investigation test) Volume: 9.53 (cm3)				Pretest 2 (Final Test) Rate: 0.99 (cm3/s)					
Pretest 2 (Final Test) Rate: 0.99 (cm3/s)				Pretest 2 (Final Test) Volume: 14.51 (cm3)					
Pretest 2 (Final Test) Volume: 14.51 (cm3)				Start Pretest 1 (Investigation Test) Drawdown: 122.50 (sec)					
Start Pretest 1 (Investigation Test) Drawdown: 122.50 (sec)				Start Pretest 1 (Investigation Test) Buildup: 223.31 (sec)					
Start Pretest 1 (Investigation Test) Buildup: 223.31 (sec)				Start Pretest 2 (Final Test) Drawdown: 237.94 (sec)					
Start Pretest 2 (Final Test) Drawdown: 237.94 (sec)				Start Pretest 2 (Final Test) Buildup: 402.13 (sec)					
Start Pretest 2 (Final Test) Buildup: 402.13 (sec)									
StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL









IDEAL Version: ID13_OC_08

IDEAL

FPWD800-A

id13_oc_02

Wellsite StethoScope Test Summary

Test number: 03
Date: 31-Jul-08
Time: 04:46:02

Depth: 5960.51 (ft)
TVD: 5579.78 (ft)

Company Name (CN):	Santos Ltd	Field Location(FL):	Otway Basin
Well Name (WN):	Netherby-1	Country(FL1):	
Field Name(FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province(STAT):	Victoria	File Name:	Run-03Tst03_1.CS_ETIME
Run number:	03	Test number:	03
Test Date:	31-Jul-08 04:46:02	Depth Measured:	5960.51 (ft)
TVD:	5579.78 (ft)	Well Deviation:	35.22 (deg)
Test Type:	0-C	Circulation Rate:	730.00 (gal/min)
Probe Orientation:	98.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.18 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.18 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	No Seal
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	FPWD800_A		

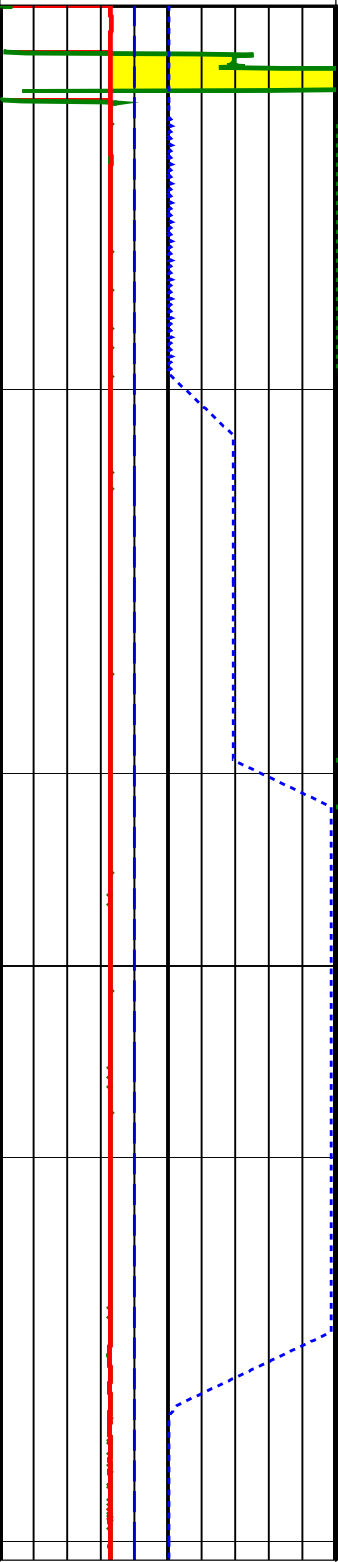
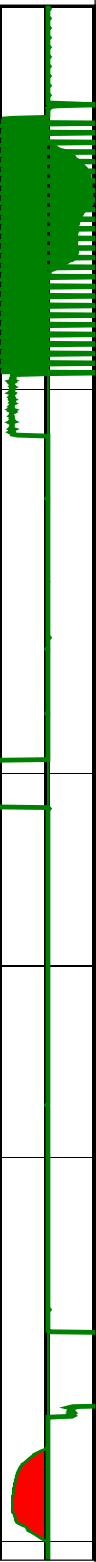
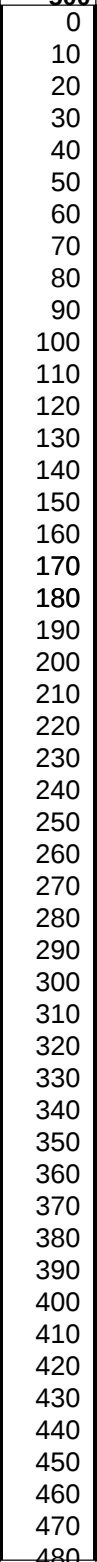
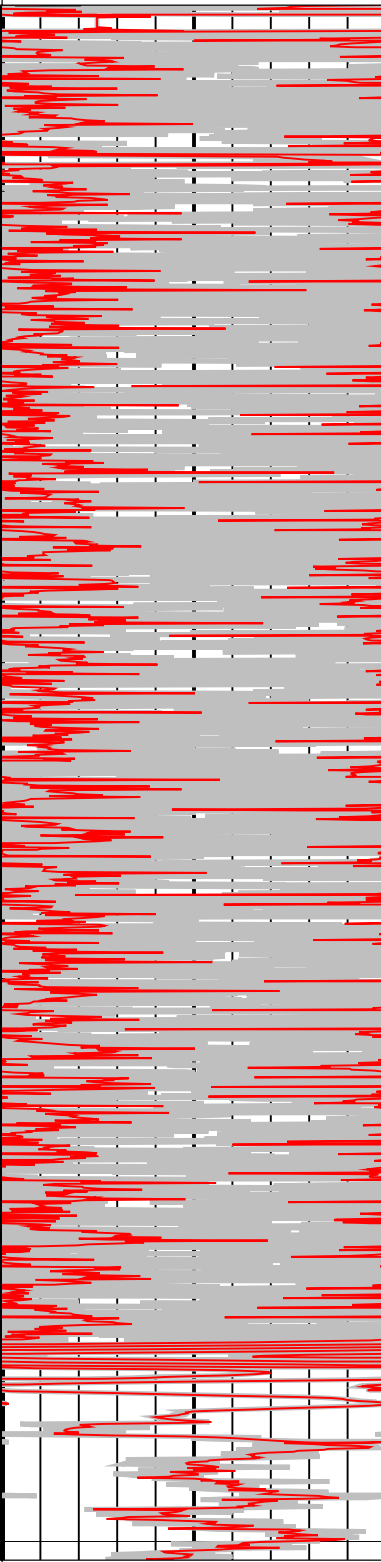
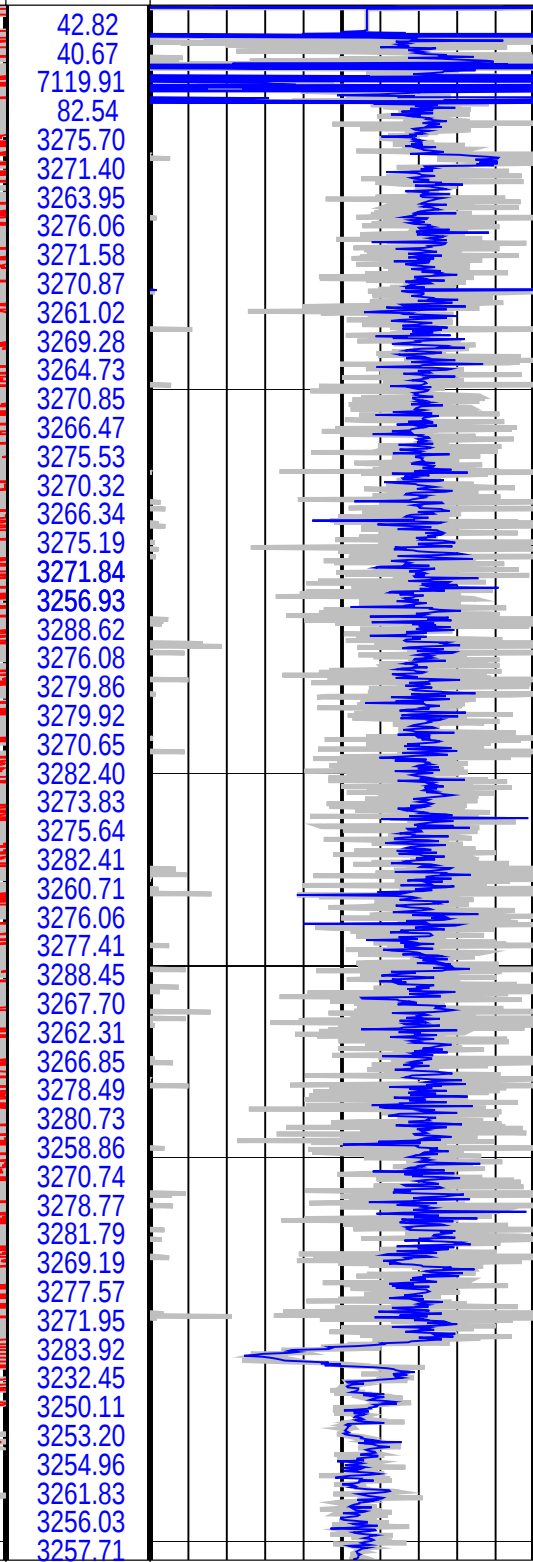
Pretest 1 (Investigation Test) Drawdown Pressure:	3267.28 (psia)
Pretest 1 (Investigation Test) Build Pressure:	3261.06 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	636.64 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	3253.14 (psia)
Pretest 2 (Final Test) Build Presure:	3261.12 (psia)
One minute slope (Pretest 2) Buildup:	0.98 (psia/min)
Pressure Variance (Pretest 2) Buildup:	5.69 (psia)
Final Drawdown Mobility:	332.22 (mD/cP)
Pumps Off Test:	No
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

Well Pressure Before Test:	3261.75 (psia)
Well Pressure After Test:	3246.63 (psia)
Temperature Before Test:	59.54 (degc)
Temperature After Test:	59.51 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.50 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.32 (cm3)
Pretest 2 (Final Test) Rate:	0.98 (cm3/s)
Pretest 2 (Final Test) Volume:	14.57 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	134.88 (sec)
Start Pretest 1 (Investigation Test) Buildup:	234.25 (sec)
Start Pretest 2 (Final Test) Drawdown:	251.31 (sec)
Start Pretest 2 (Final Test) Buildup:	414.75 (sec)

StethoScope Pretest Definitions									
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Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)		
0	(PSIA)	10000

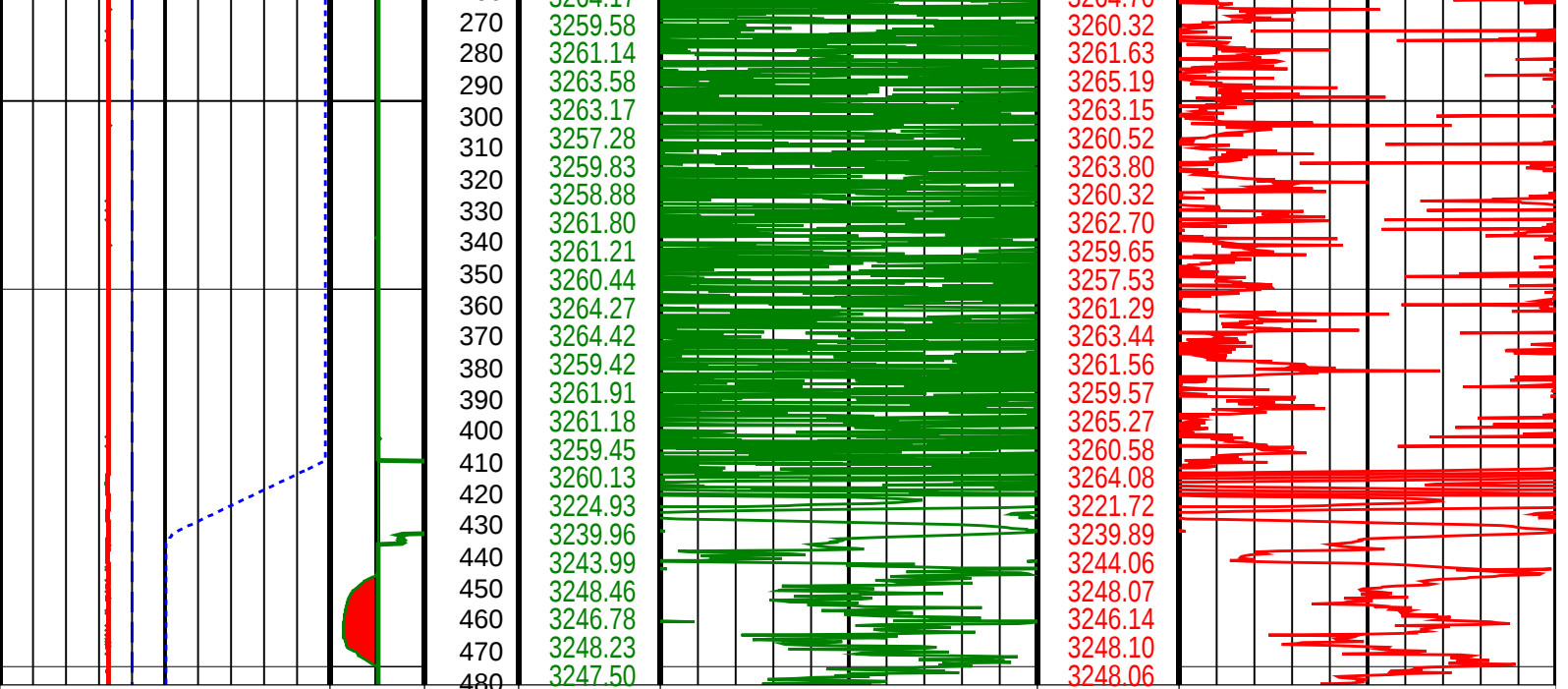
Annulus Strain Pressure Filtered (ASAP_F)												
0	(PSIA)	10000										
Flowline Quartz temperature (AQAT)						Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)			
0	(DEGC)	150				0	(PSIA)	10	0	(PSIA)	100	
Pretest volume (PTVOL) -25 (C3) 25			Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10			Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) 0 (PSIA) 100		
					0 3260.54 10 3261.36 20 3261.30 30 3260.79 40 3261.31 50 3261.90 60 3260.30 70 3261.90 80 3262.02 90 3263.14 100 3260.20 110 3261.95 120 3261.51 130 3261.57 140 3260.08 150 3258.08 160 3260.55 170 3260.60 180 3259.97 190 3260.75 200 3261.04 210 3260.71 220 3261.72 230 3262.92 240 3260.35 250 3263.59 260 3260.18 270 3261.81 280 3261.81 290 3264.70 300 3260.32 310 3261.63 320 3265.19 330 3263.15 340 3260.52 350 3263.80 360 3260.32 370 3262.70 380 3259.65 390 3257.53 400 3261.29 410 3263.44 420 3261.56 430 3259.57 440 3265.27 450 3260.58 460 3264.08 470 3221.72 480 3239.89 3244.06 3248.07 3246.14 3248.10 3248.06							

Pretest volume (PTVOL) -25 (C3) 25	Speed (STATI ON TIME) (S) -1000 1000 400 500	Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA)
Flowline Quartz temperature (AQAT) (DEGC)		Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)		Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)					
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)					

IDEAL Version: ID13_0C_08 IDEAL					
FPWD800-A id13_0c_02					

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)	
Flowline Quartz temperature (AQAT) (DEGC)	

Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
		0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260	3267.59 3262.94 3262.30 3258.17 3260.51 3261.61 3261.94 3258.21 3260.34 3261.91 2449.09 3265.88 3264.96 3262.30 3264.33 3257.84 3262.02 3261.13 3256.59 3263.04 3262.36 3264.89 3258.50 3261.59 3266.20 3262.16 3265.18 3260.05 3260.83 3264.17	0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260	3260.54 3261.36 3261.30 3260.79 3261.31 3261.90 3260.30 3261.90 3262.02 3263.14 3260.20 3261.95 3261.51 3261.57 3260.08 3258.08 3260.55 3260.60 3259.97 3260.75 3261.04 3260.71 3261.72 3262.92 3260.35 3263.59 3260.18 3261.81 3261.81 3264.70	



Pretest volume (PTVOL) (C3)		Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25		-1000	400	0	0	0	0
25		1000	500	10	10	10	10

Flowline Quartz temperature (AQAT) (DEGC)							
0							
150							
Annulus Strain Pressure Filtered (ASAP_F)							
0							
10000							
Flowline Quartz Pressure Filtered (AQAP_F)							
0							
10000							

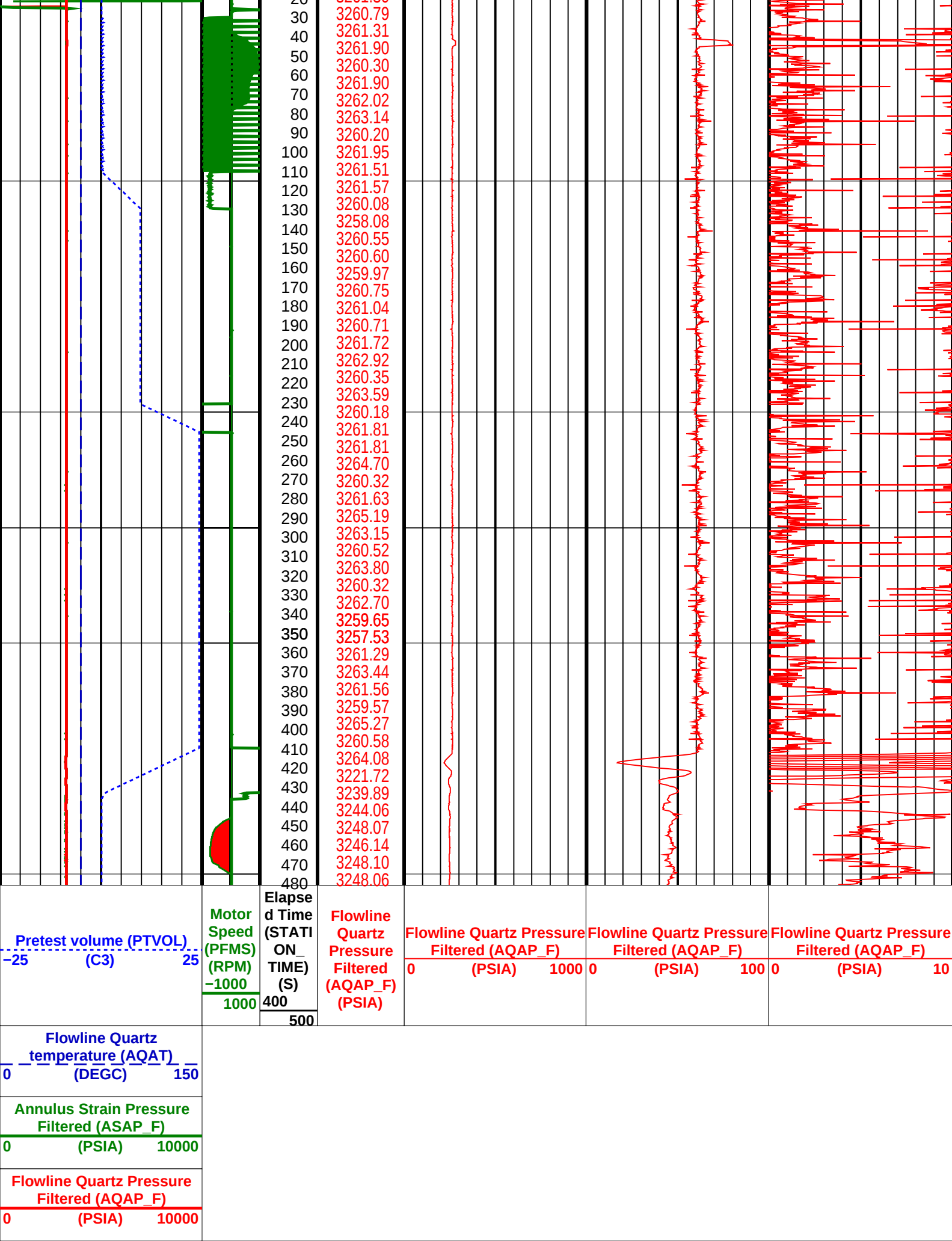
IDEAL Version: ID13_0C_08
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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F)							
0							
10000							
Annulus Strain Pressure Filtered (ASAP_F)							
0							
10000							
Flowline Quartz temperature (AQAT) (DEGC)							
0							
150							

Pretest volume (PTVOL) (C3)		Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25		-1000	400	0	0	0
25		1000	500	1000	100	10





5000

4000

3000

2000

1000

0

Pressure (PSIA)

Test 3b Depth 1816.00(m) 31-Jul-08 05:27:21

Test 3b Depth 1816.00(

Test 3b Depth 1816.00(

Test 3b Depth 1816.00(

Test 3b Depth 1816.00(

Test 3b Depth 1816.00(

PT1 DD picked @ 13:

PT1 BU picked @ 23:

PT2 DD picked @ 24:

PT2 BU picked @ 40:

Values with * were repic

Event Summa

1 - Start set = 36.

2 - End set= 75.

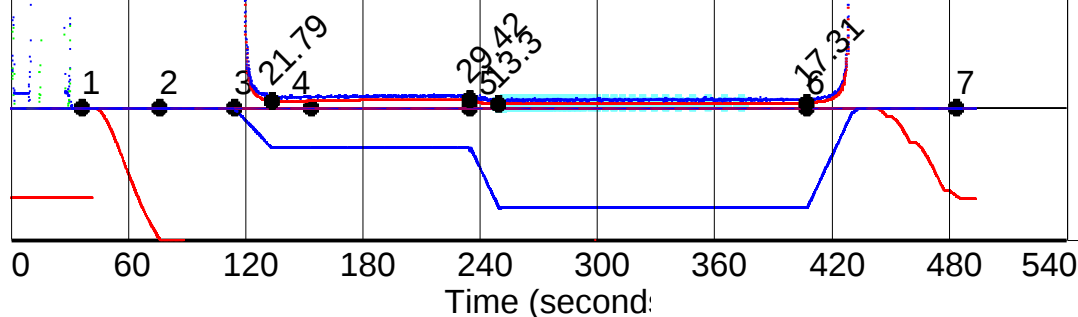
3 - Start PT1 DD= 11:

4 - End PT1 BU= 15:

5 - Start Fin DD= 23:

6 - End Fin BU= 40:

7 - End Retract= 48:



IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A

id13_0c_02

Wellsite StethoScope Test Summary

Test number: 04
Date: 31-Jul-08
Time: 05:27:21

Depth: 5962.15 (ft)
TVD: 5581.12 (ft)

Company Name (CN):	Santos Ltd	Field Location(FL):	Otway Basin
Well Name (WN):	Netherby-1	Country(FL1):	
Field Name(FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province(STAT):	Victoria	File Name:	Run-03Tst04_1.CS_ETIME
Run number:	03	Test number:	04
Test Date:	31-Jul-08 05:27:21	Depth Measured:	5962.15 (ft)
TVD:	5581.12 (ft)	Well Deviation:	35.22 (deg)
Test Type:	0-C	Circulation Rate:	731.00 (gal/min)
Probe Orientation:	44.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.18 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.18 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	Dry Test
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	EPWD800_A		

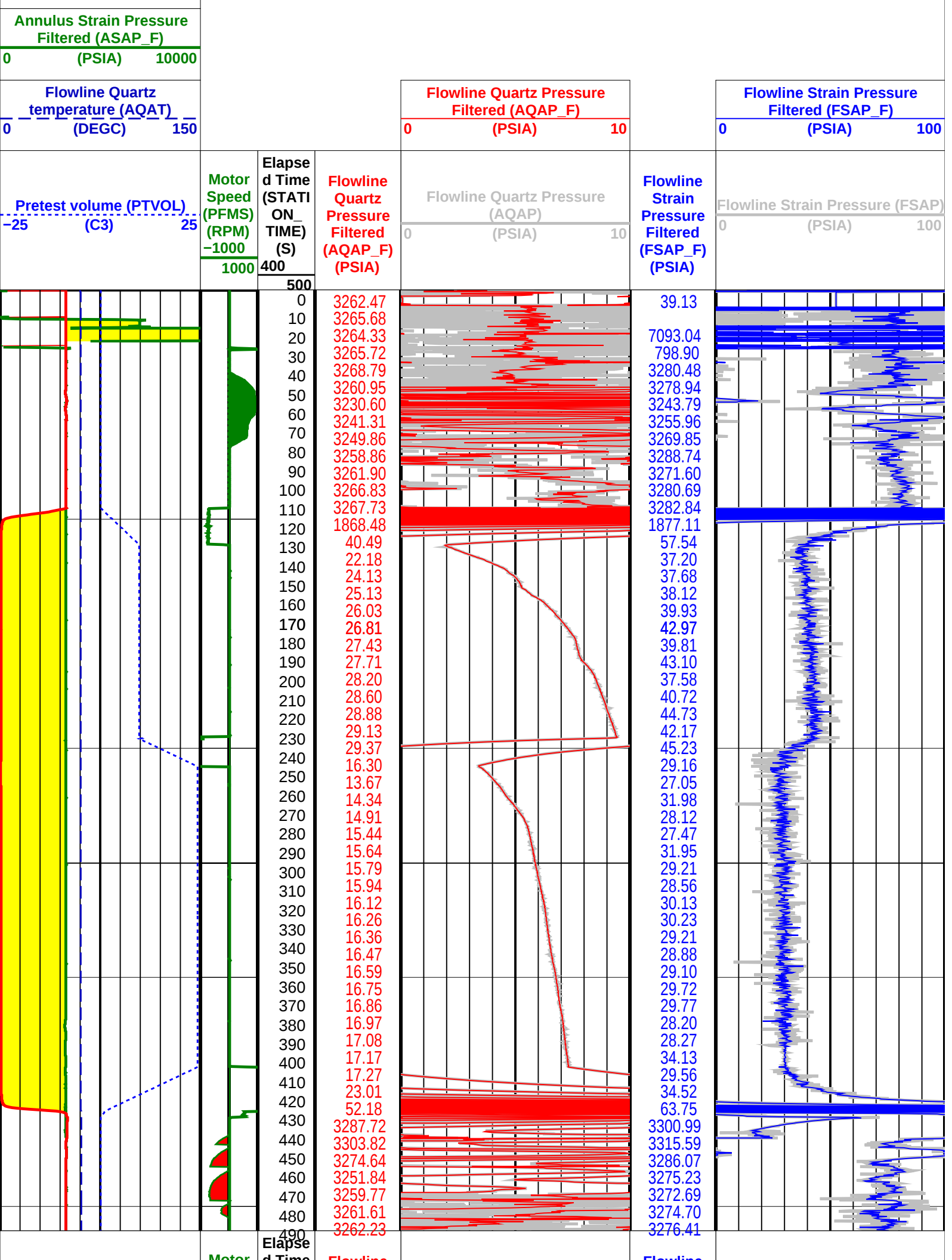
Pretest 1 (Investigation Test) Drawdown Pressure:	21.79 (psia)
Pretest 1 (Investigation Test) Build Pressure:	29.42 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	50.00 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	13.30 (psia)
Pretest 2 (Final Test) Build Presure:	17.31 (psia)
One minute slope (Pretest 2) Buildup:	0.68 (psia/min)
Pressure Variance (Pretest 2) Buildup:	0.03 (psia)
Final Drawdown Mobility:	201.76 (mD/cP)
Pumps Off Test:	No
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

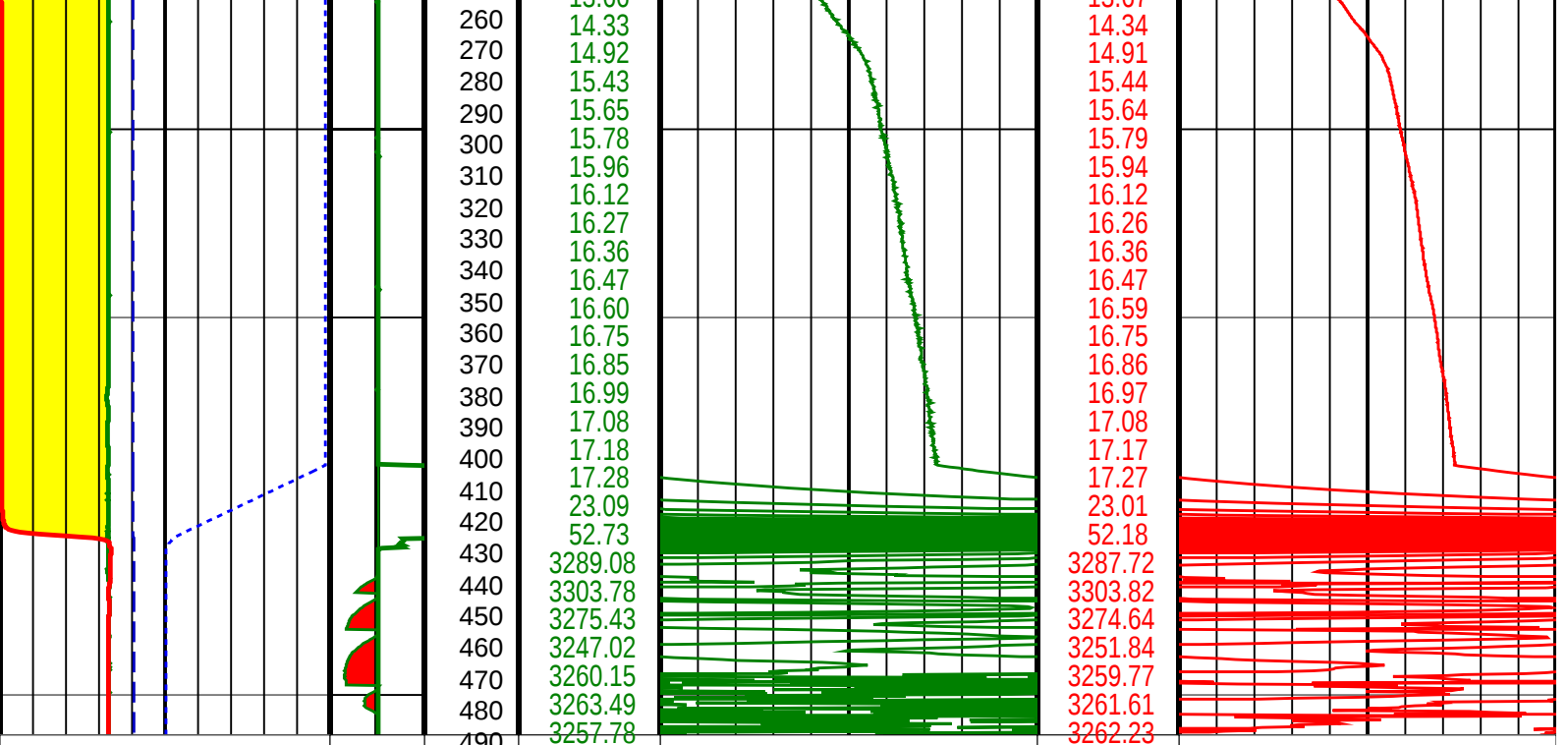
Well Pressure Before Test:	3266.26 (psia)
Well Pressure After Test:	3255.70 (psia)
Temperature Before Test:	60.12 (degc)
Temperature After Test:	60.27 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.49 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.55 (cm3)
Pretest 2 (Final Test) Rate:	0.93 (cm3/s)
Pretest 2 (Final Test) Volume:	8.18 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	133.50 (sec)
Start Pretest 1 (Investigation Test) Buildup:	234.44 (sec)
Start Pretest 2 (Final Test) Drawdown:	249.13 (sec)
Start Pretest 2 (Final Test) Buildup:	406.88 (sec)

StethoScope Pretest Definitions

Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)	
0 (PSIA)	10000





Pretest volume (PTVOL) (C3)	Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)
	-1000	400	0	10	0
	1000	500			10

Flowline Quartz temperature (AQAT) (DEGC)					
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)					
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)					

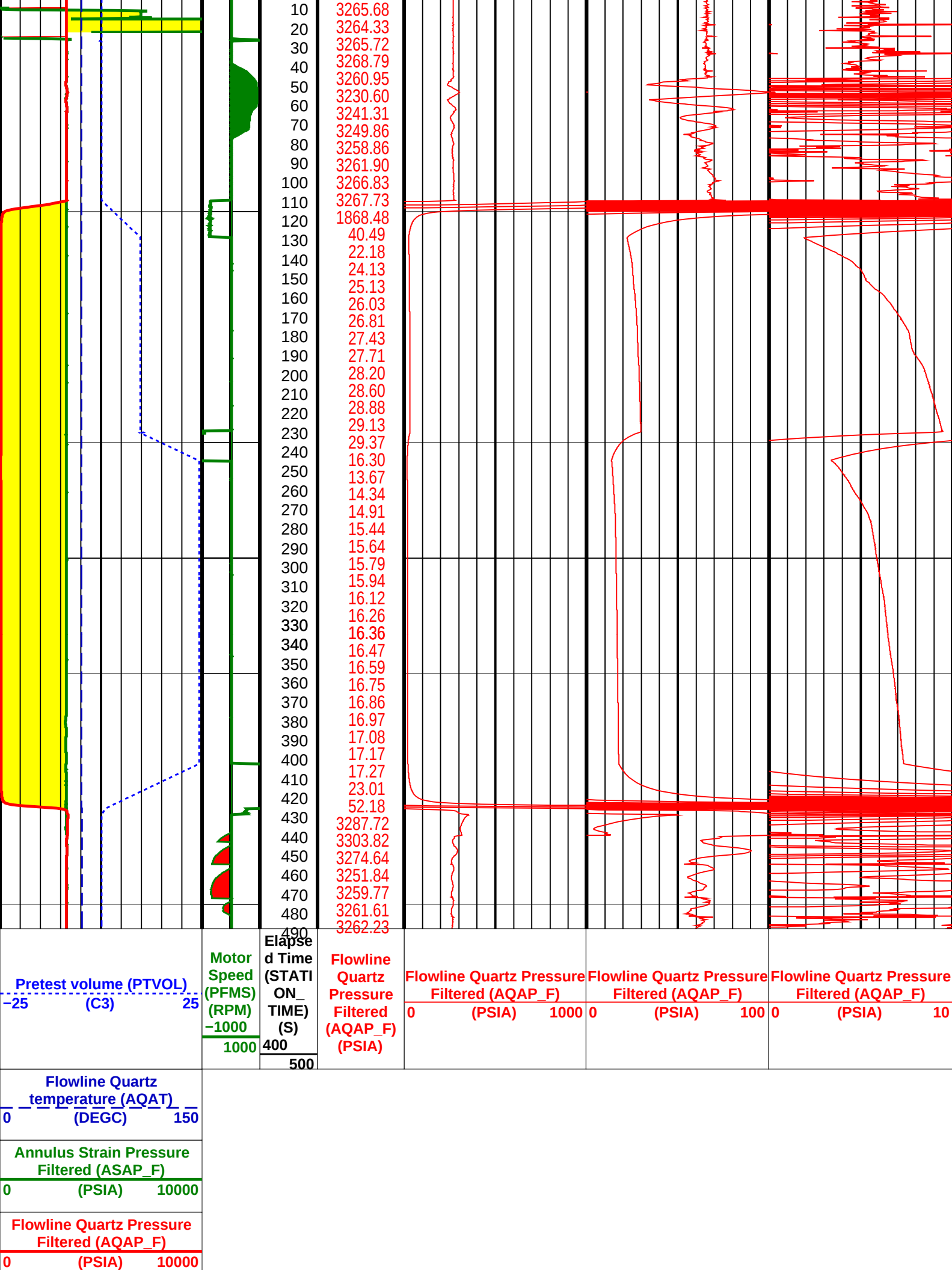
IDEAL Version: ID13_0C_08

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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)					
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)					
Flowline Quartz temperature (AQAT) (DEGC)					

Pretest volume (PTVOL) (C3)	Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP_F) (PSIA)
-25	-1000	400	0	1000	0
25	1000	500			10



10 3265.68
20 3264.33
30 3265.72
40 3268.79
50 3260.95
60 3230.60
70 3241.31
80 3249.86
90 3258.86
100 3261.90
110 3266.83
120 3267.73
130 1868.48
140 40.49
150 22.18
160 24.13
170 25.13
180 26.03
190 26.81
200 27.43
210 27.71
220 28.20
230 28.60
240 28.88
250 29.13
260 29.37
270 16.30
280 13.67
290 14.34
300 14.91
310 15.44
320 15.64
330 15.79
340 15.94
350 16.12
360 16.26
370 16.36
380 16.47
390 16.59
400 16.75
410 16.86
420 16.97
430 17.08
440 17.17
450 17.27
460 23.01
470 52.18
480 3287.72
490 3303.82
500 3274.64
510 3251.84
520 3259.77
530 3261.61
540 3262.23

Elapsed Time (STATI ON_ TIME) (S)

400
500

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)

0 1000 0 100 0 10

Flowline Quartz temperature (AQAT) (DEGC)

0 150

Annulus Strain Pressure Filtered (ASAP_F) (PSIA)

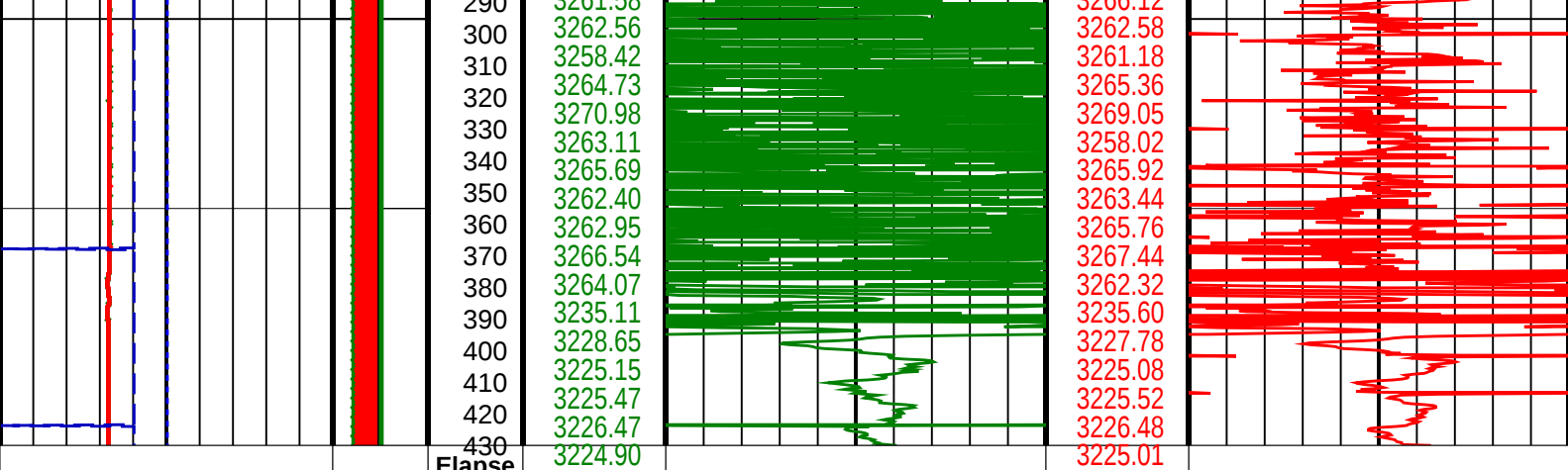
0 10000

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)

0 10000

Test Number: 00		Date: 31-Jul-08		Depth: 5580.91 (ft)		TVD: 5580.91 (ft)			
Time: 06:01:54									
Company Name (CN): Santos Ltd		Field Location(FL): Otway Basin							
Well Name (WN): Netherby-1		Country(FL1):							
Field Name(FN): Otway		Well Number (API): N/A							
County/Rig (COUN) Ocean Patriot		Depth Datum (PDAT): Mean Sea Level							
State/Province(STAT): Victoria		File Name: Run-03Tst06_1.CS_ITIME							
Run number: 03		Test number: 06							
Test Date: 31-Jul-08 06:01:54		Depth Measured: 5961.89 (ft)							
TVD: 5580.91 (ft)		Well Deviation: 35.22 (deg)							
Test Type: 0-C		Circulation Rate: 733.00 (gal/min)							
Probe Orientation: 30.00 (deg)		Mud Weight: 11.10 (lb/g)							
Flowline quartz gauge offset: 3.18 (psia)		Flowline strain gauge offset: 2.84 (psia)							
Wellbore quartz gauge offset: 3.18 (psia)		Bit Size: 12.25 (in)							
Caliper at test depth: Bit Size		Interpreted pretest type: No Seal							
Quartz gauge: ACQG		Strain gauge: Paine							
Tool: EPWD800_A									
Pretest 1 (Investigation Test) Drawdown Pressure:		3254.43 (psia)							
Pretest 1 (Investigation Test) Build Pressure:		3225.93 (psia)							
Pretest 1 (Investigation Test) Drawdown Mobility:		-999.25 (mD/cP)							
Pretest 2 (Final Test) Drawdown Pressure:		3254.43 (psia)							
Pretest 2 (Final Test) Build Presure:		3279.29 (psia)							
One minute slope (Pretest 2) Buildup:		282.06 (psia/min)							
Pressure Variance (Pretest 2) Buildup:		7.10 (psia)							
Final Drawdown Mobility:		44.60 (mD/cP)							
Pumps Off Test:		Yes							
** Parameters annotated as Picked were manually selected **									
** Results were Recomputed using the picks **									
Well Pressure Before Test:		3240.60 (psia)							
Well Pressure After Test:		3226.07 (psia)							
Temperature Before Test:		59.95 (degc)							
Temperature After Test:		59.93 (degc)							
Estimated Mud Compressibility:		0.01 (1/psia)							
Pretest 6000 psi/current limit reached:		No							
Pretest 1 (Investigation test) Rate:		0.49 (cm3/s)							
Pretest 1 (Investigation test) Volume:		9.38 (cm3)							
Pretest 2 (Final Test) Rate:		0.49 (cm3/s)							
Pretest 2 (Final Test) Volume:		9.38 (cm3)							
Start Pretest 1 (Investigation Test) Drawdown:		-999.25 (sec)							
Start Pretest 1 (Investigation Test) Buildup:		114.38 (sec)							
Start Pretest 2 (Final Test) Drawdown:		135.38 (sec)							
Start Pretest 2 (Final Test) Buildup:		161.13 (sec)							
StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Filtered (AQAP_F)			Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)		
0	(PSIA)	10000	0	(PSIA)	10	0	(PSIA)	100
Annulus Strain Pressure Filtered (ASAP_F)			Flowline Quartz Pressure (AQAP)			Flowline Strain Pressure (FSAP)		
0	(PSIA)	10000	0	(PSIA)	10	0	(PSIA)	100
Flowline Quartz temperature (AQAT)			Flowline Strain Pressure Filtered (FSAP_F)			Flowline Strain Pressure (FSAP)		
0	(DEGC)	150	0	(PSIA)	10	0	(PSIA)	100
Pretest volume (PTVOL) (C3)			Flowline Quartz Pressure (AQAP)			Flowline Strain Pressure (FSAP)		
-25	(C3)	25	0	(PSIA)	10	0	(PSIA)	100
Motor Speed (PFMS) (RPM)			Flowline Strain Pressure Filtered (FSAP_F) (PSIA)			Flowline Strain Pressure (FSAP)		
-1000			(PSIA)			(PSIA)		
1000								
Elapsed Time (STATI ON_ TIME) (S)			Flowline Strain Pressure Filtered (FSAP_F) (PSIA)			Flowline Strain Pressure (FSAP)		
400			(PSIA)			(PSIA)		
500								
		0	3226.17		41.52			
		10	3238.48		39.24			
		20	3239.24		7064.15			
		30	3255.71		232.53			
		40	3241.51		3253.02			
		50	3240.83		3256.63			
		60	3234.13		3244.02			
		70	3236.68		3249.09			
		80	3226.19		3241.12			
		90	3225.79		3242.05			
		100	3225.35		3237.41			
		110	3225.94		3237.85			
		120	3226.65		3239.11			
		130	3225.02		3240.95			
		140	3281.22		3292.75			
		150	3253.35		3265.48			
		160	3253.43		3265.33			
		170	3263.35		3275.25			
		180	3264.69		3278.90			
		190	3261.45		3267.98			
		200	3263.28		3269.37			
		210	3264.84		3271.98			
		220	3265.43		3269.85			
		230	3266.62		3278.25			
		240	3265.30		3280.33			
		250	3266.97		3270.74			
		260	3267.75		3285.11			
		270	3264.91		3274.88			
		280	3261.87		3275.06			
		290	3261.41		3270.10			
		300	3268.99		3284.83			
		310	3267.41		3281.13			
		320	3266.12		3274.56			
		330	3262.58		3264.51			
		340	3261.18		3268.31			
		350	3265.36		3277.17			
		360	3269.05		3283.74			
		370	3258.02		3261.84			
		380	3265.92		3284.24			
		390	3263.44		3275.83			
		400	3265.76		3279.14			
		410	3267.44		3279.92			
		420	3262.32		3268.26			
		430	3235.60		3248.91			
		440	3227.78		3237.09			
		450	3225.08		3237.06			
		460	3225.52		3241.20			
		470	3226.48		3235.88			
		480	3225.01		3231.31			



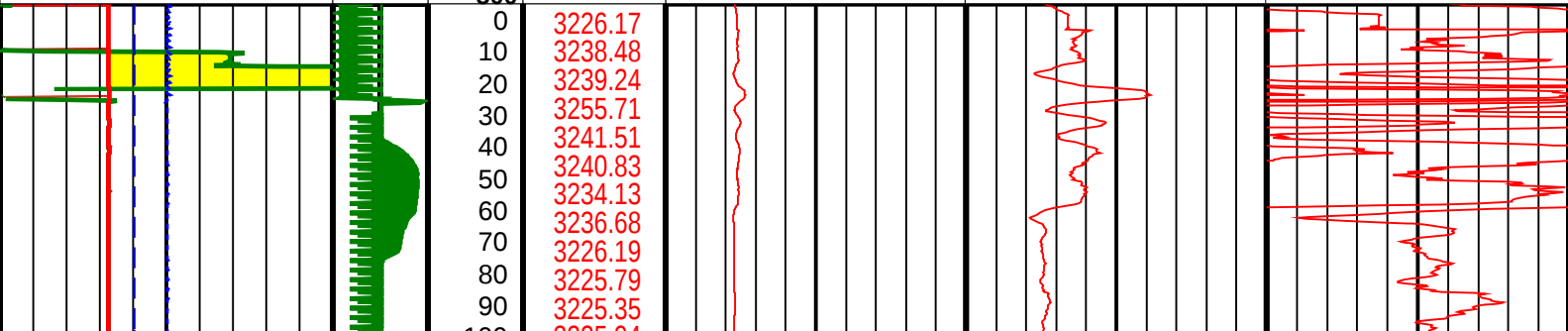
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) 0 (PSIA) 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10
		500				
Flowline Quartz temperature (AQAT) 0 (DEGC) 150						
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000						
Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000						

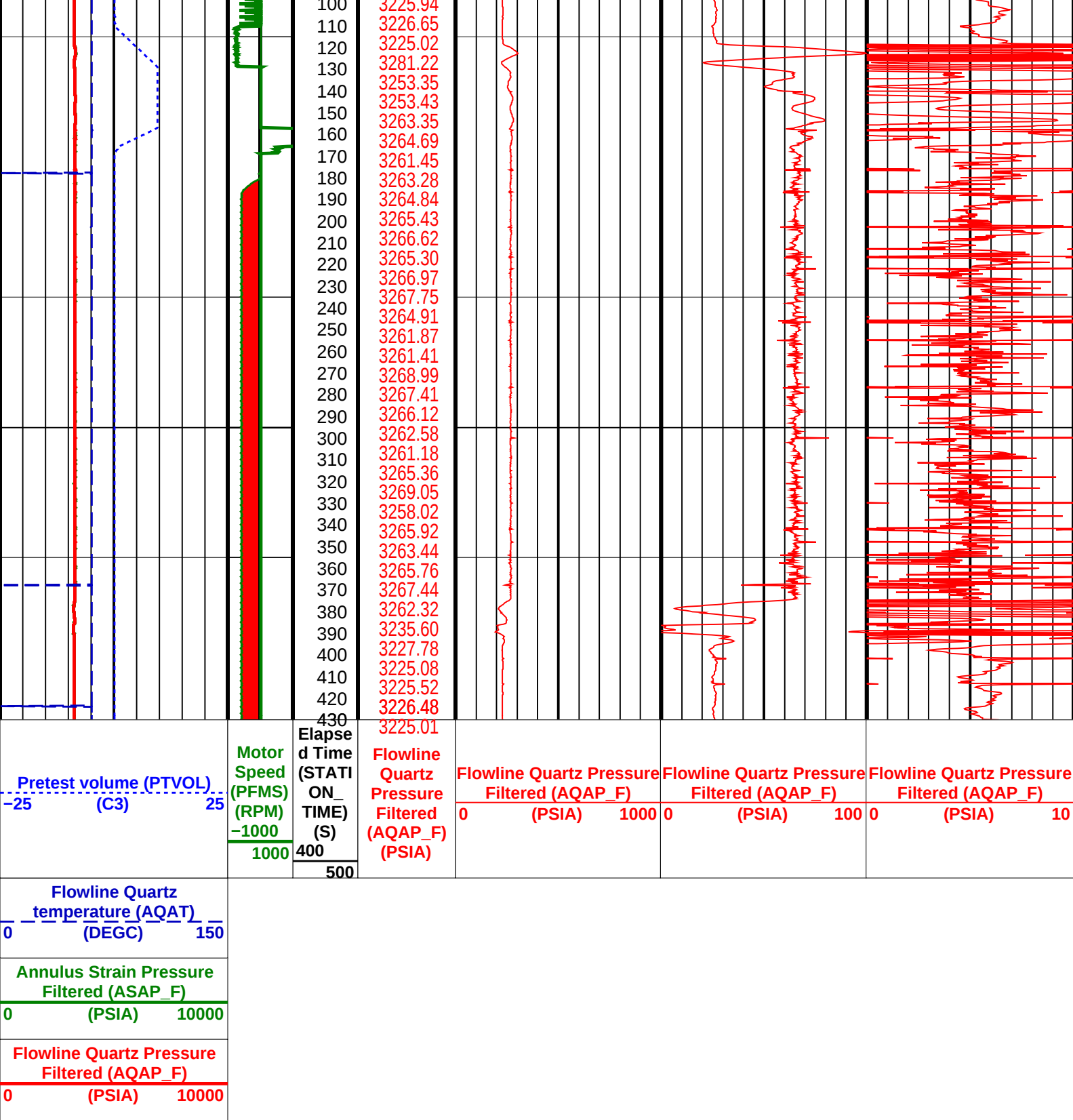
IDEAL Version: ID13_0C_08
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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F)		
0	(PSIA)	10000
Annulus Strain Pressure Filtered (ASAP_F)		
0	(PSIA)	10000
Flowline Quartz temperature (AQAT)		
0	(DEGC)	150

Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON_ TIME) (S) 400	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 1000		Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 100		Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10	
		500							





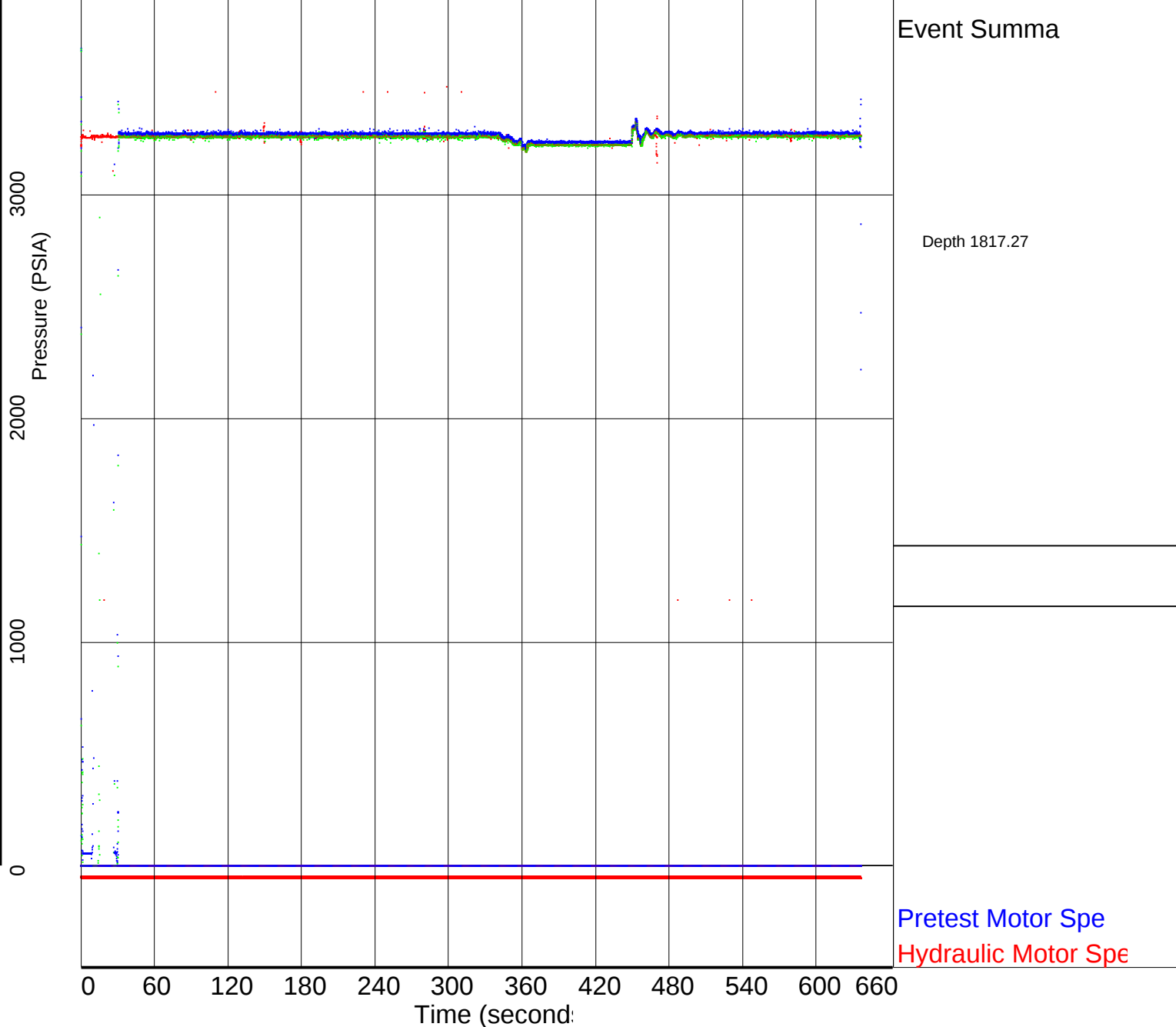
Test 3d Depth 1816.81(m)
StethoScope Test 7 Depth 5960 (ft) 31-Jul-C

5000

4000

Legend - Pressure Cu
AQAP - Flowline qu
ASAP - Annular qu
FSAP - Flowline st

TLP Auto-Interpreta



IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 07	Depth: 5960.65 (ft)
Date: 31-Jul-08	TVD: 5579.90 (ft)
Time: 06:21:26	

Company Name (CN):	Santos Ltd
Well Name (WN):	Netherby-1
Field Name(FN):	Otway
County/Rig (COUN)	Ocean Patriot
State/Province(STAT):	Victoria
Run number:	03
Test Date:	31-Jul-08 06:21:26
TVD:	5579.90 (ft)
Test Type:	0-C
Probe Orientation:	34.00 (deg)
Flowline quartz gauge offset:	3.18 (psia)
Wellbore quartz gauge offset:	3.18 (psia)
Caliper at test depth:	Bit Size

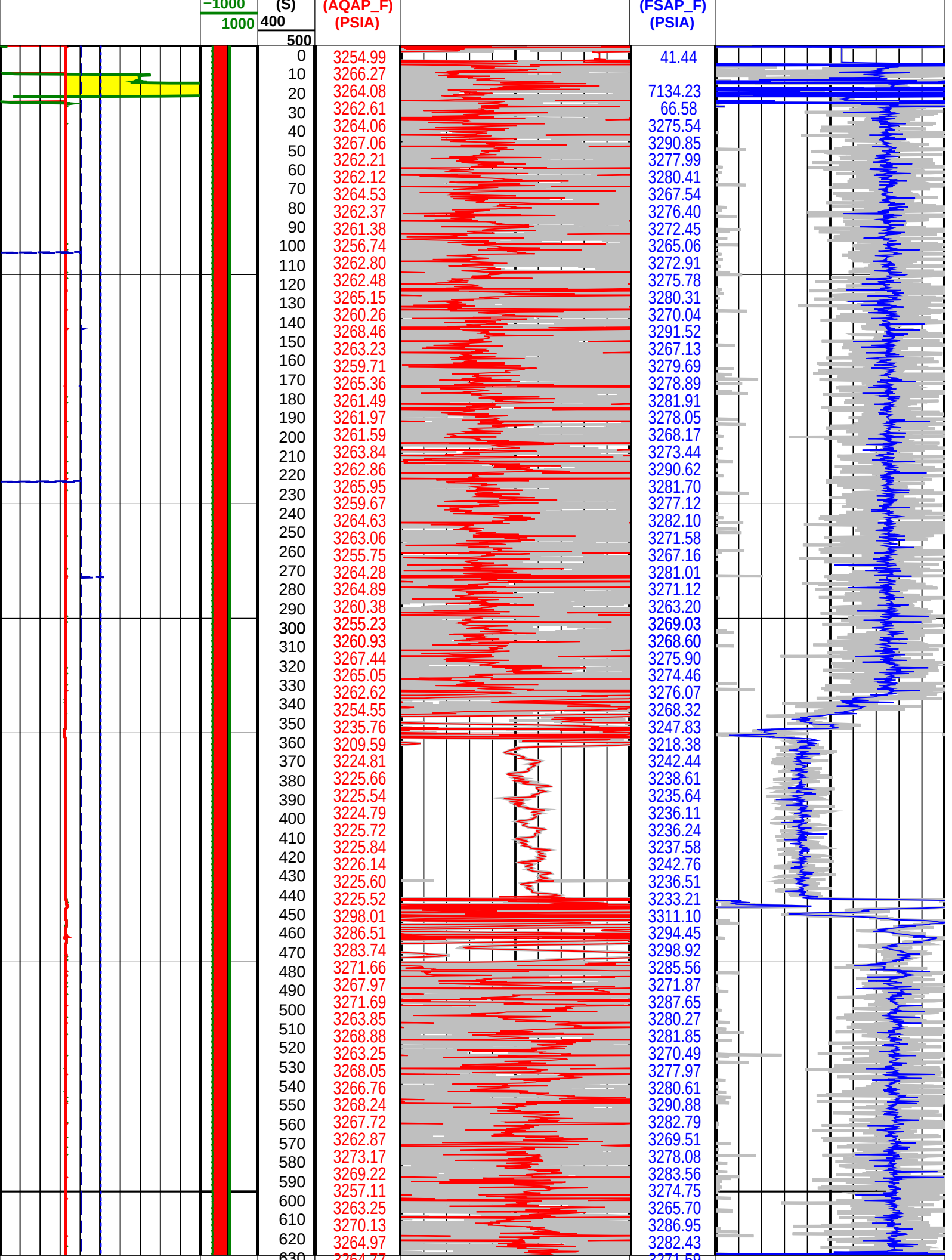
Field Location(FL):	Otway Basin
Country(FL1):	
Well Number (API):	N/A
Depth Datum (PDAT):	Mean Sea Level
File Name:	Run-03Tst07_1.CS_ETIME
Test number:	07
Depth Measured:	5960.65 (ft)
Well Deviation:	35.22 (deg)
Circulation Rate:	840.00 (gal/min)
Mud Weight:	11.10 (lb/g)
Flowline strain gauge offset:	2.84 (psia)
Bit Size:	12.25 (in)
Interpreted pretest type:	Normal

Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	EPWD800_A		
Pretest 1 (Investigation Test) Drawdown Pressure: -999.25 (psia) Pretest 1 (Investigation Test) Build Pressure: -999.25 (psia) Pretest 1 (Investigation Test) Drawdown Mobility: -999.25 (mD/cP) Pretest 2 (Final Test) Drawdown Pressure: -999.25 (psia) Pretest 2 (Final Test) Build Pressure: -999.25 (psia) One minute slope (Pretest 2) Buildup: -999.25 (psia/min) Pressure Variance (Pretest 2) Buildup: -999.25 (psia) Final Drawdown Mobility: -999.25 (mD/cP) Pumps Off Test: Yes ** Parameters annotated as Picked were manually selected ** ** Results were Recomputed using the picks **			

Well Pressure Before Test: -999.25 (psia) Well Pressure After Test: -999.25 (psia) Temperature Before Test: -999.25 (degc) Temperature After Test: -999.25 (degc) Estimated Mud Compressibility: -999.25 (1/psia) Pretest 6000 psi/current limit reached: No Pretest 1 (Investigation test) Rate: -999.25 (cm3/s) Pretest 1 (Investigation test) Volume: -999.25 (cm3) Pretest 2 (Final Test) Rate: -999.25 (cm3/s) Pretest 2 (Final Test) Volume: -999.25 (cm3) Start Pretest 1 (Investigation Test) Drawdown: -999.25 (sec) Start Pretest 1 (Investigation Test) Buildup: -999.25 (sec) Start Pretest 2 (Final Test) Drawdown: -999.25 (sec) Start Pretest 2 (Final Test) Buildup: -999.25 (sec)			
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StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000												
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000												
Flowline Quartz temperature (AQAT) 0 (DEGC) 150			Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10			Flowline Strain Pressure Filtered (FSAP_F) 0 (PSIA) 100						
Pretest volume (PTVOL) -25 (C3) 25			Motor Speed (PFMS) (RPM)	Elapse d Time (STATI ON_ TIME)	Flowline Quartz Pressure Filtered	Flowline Quartz Pressure (AQAP) 0 (PSIA) 10			Flowline Strain Pressure Filtered	Flowline Strain Pressure (FSAP) 0 (PSIA) 100		



Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) -1000 1000	Elapsed Time (STATI ON TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 3204.77	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 3271.59	Flowline Strain Pressure (FSAP) (PSIA) 0 100
Flowline Quartz temperature (AQAT) (DEGC) 0 150	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10			Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 0 100		
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000						
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000						

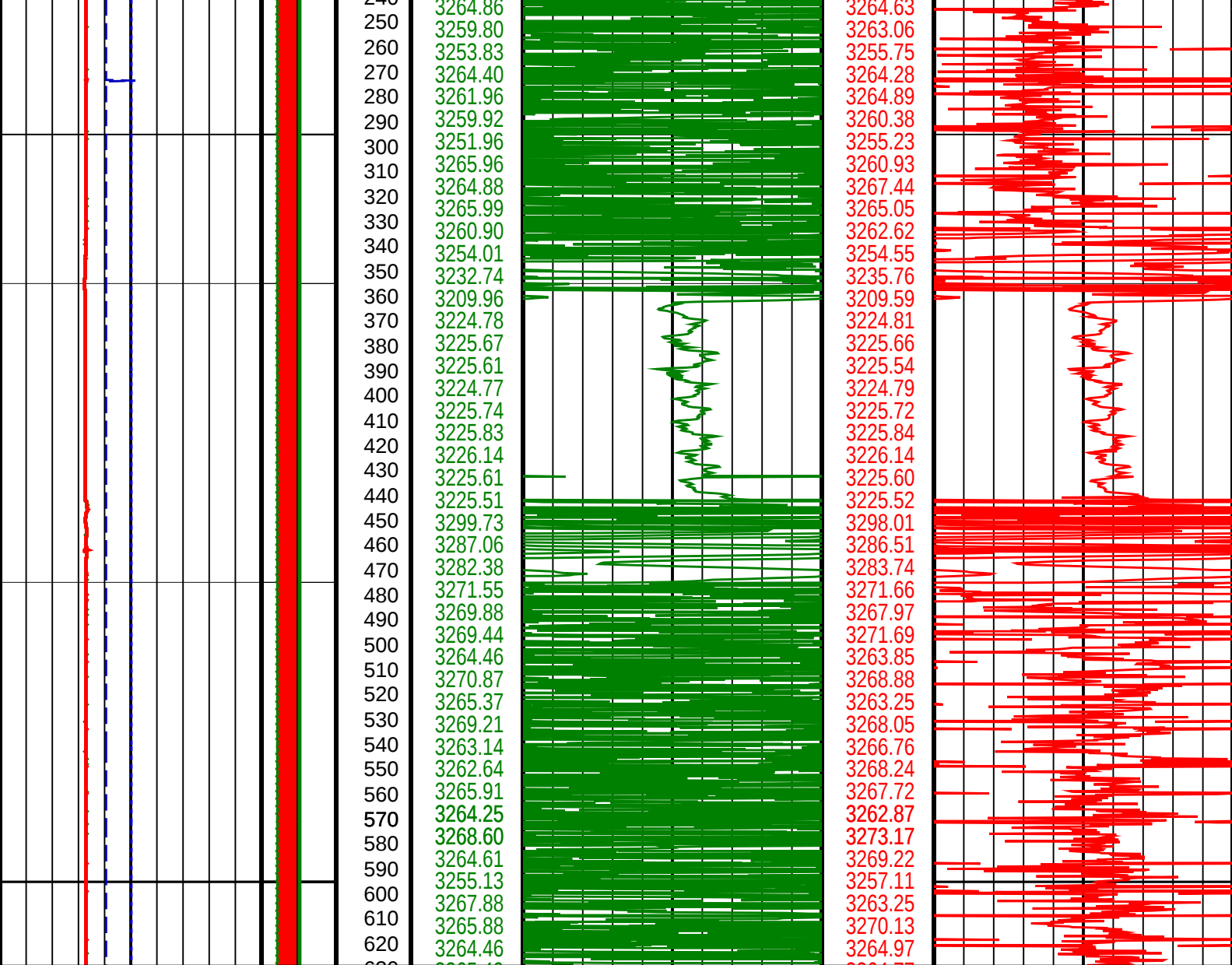
IDEAL Version: ID13_0C_08

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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000						
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000						
Flowline Quartz temperature (AQAT) (DEGC) 0 150						

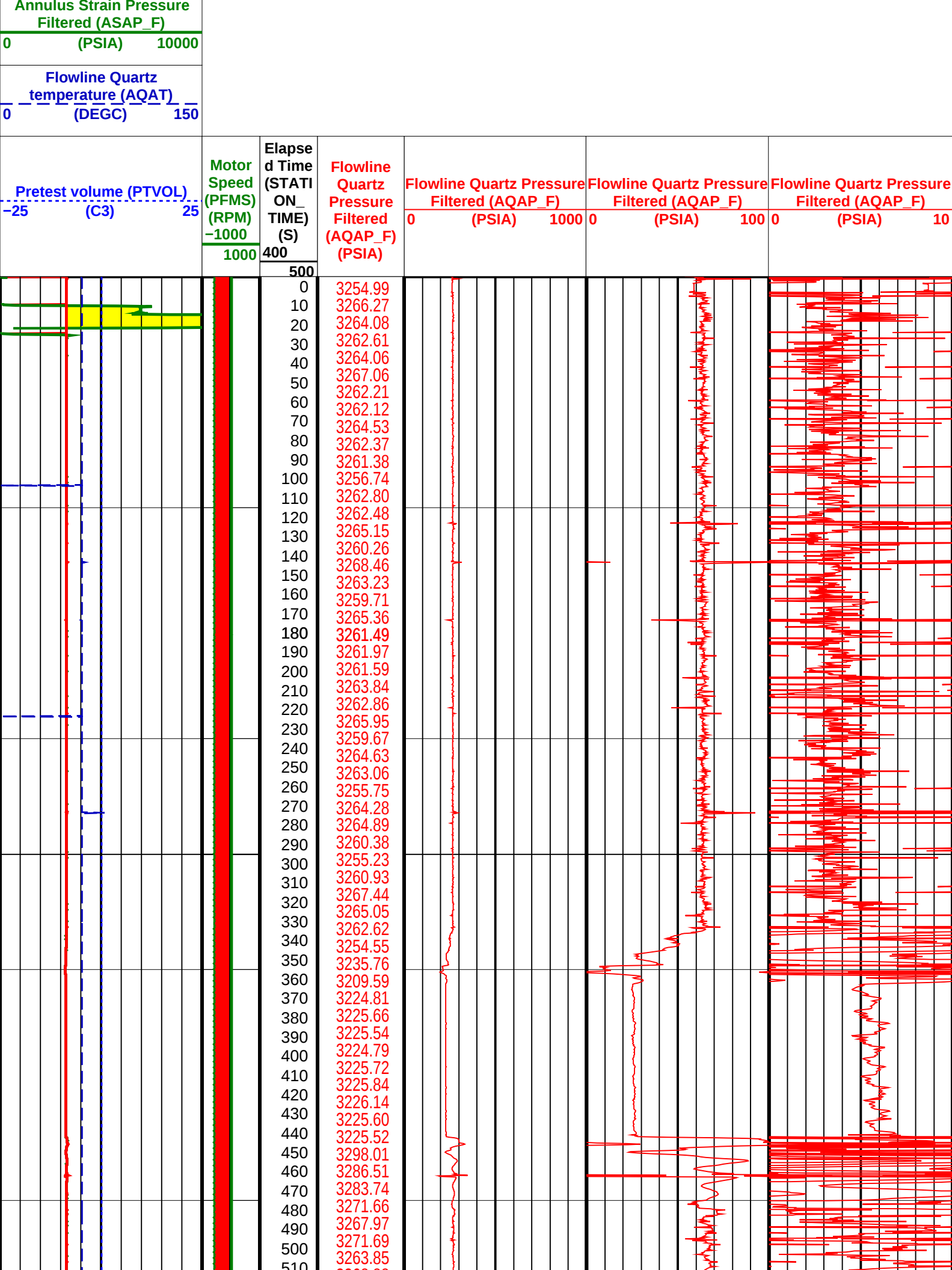
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA) 3225.53	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 3254.99	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
		0	3225.53		3254.99	
		10	3262.67		3266.27	
		20	1633.34		3264.08	
		30	3261.33		3262.61	
		40	3262.14		3264.06	
		50	3262.17		3267.06	
		60	3262.83		3262.21	
		70	3260.12		3262.12	
		80	3266.82		3264.53	
		90	3264.01		3262.37	
		100	3263.50		3261.38	
		110	3260.51		3256.74	
		120	3267.90		3262.80	
		130	3263.96		3262.48	
		140	3260.30		3265.15	
		150	3262.67		3260.26	
		160	3262.38		3268.46	
		170	3263.59		3263.23	
		180	3256.93		3259.71	
		190	3266.88		3265.36	
		200	3259.50		3261.49	
		210	3260.56		3261.97	
		220	3265.11		3261.59	
		230	3266.51		3263.84	
		240	3265.65		3262.86	
			3264.90		3265.95	
			3261.50		3259.67	



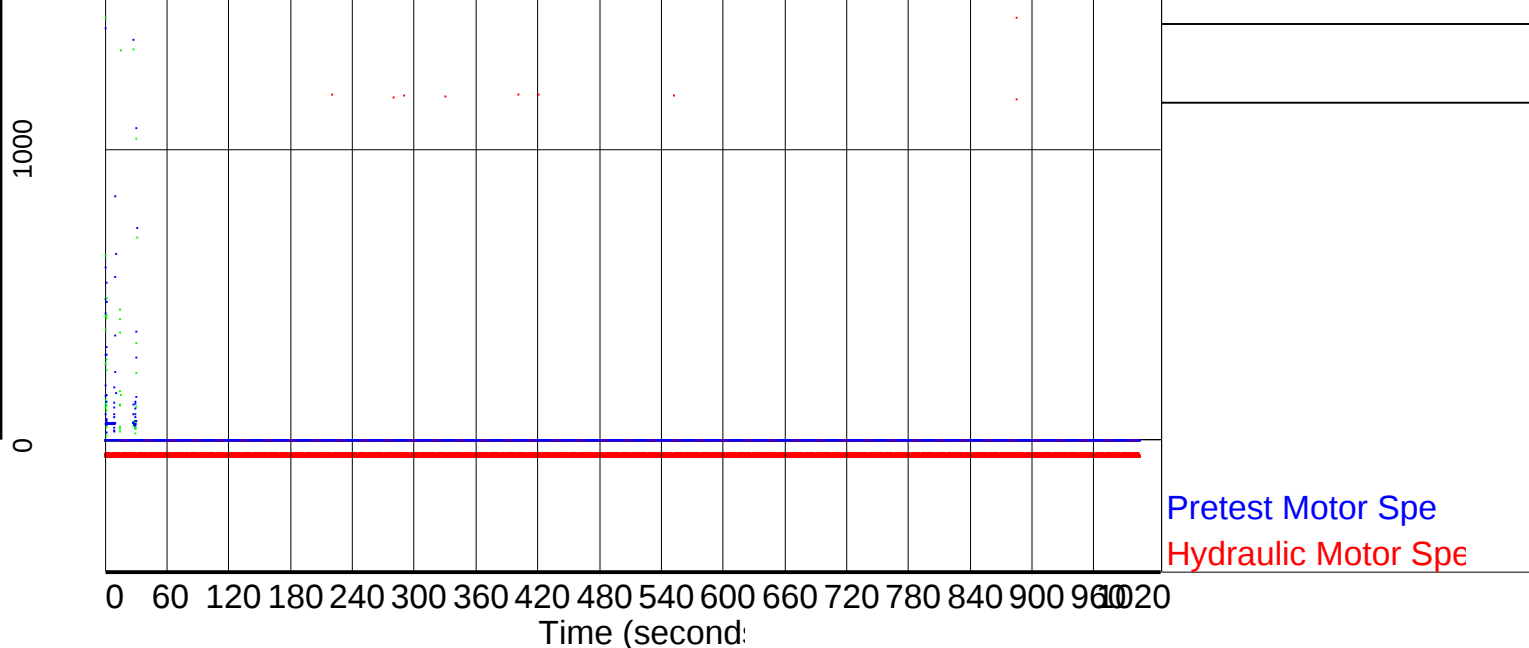
Pretest volume (PTVOL) (C3)		Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25		-1000	400		0		0
25		1000	500		10		10

Flowline Quartz temperature (AQAT) (DEGC)							
0							
150							
Annulus Strain Pressure Filtered (ASAP_F)							
0							
10000							
Flowline Quartz Pressure Filtered (AQAP_F)							
0							
10000							

Flowline Quartz Pressure Filtered (AQAP_F)							
0							
10000							



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IDEAL Version: ID13_OC_08

IDEAL

FPWD800-A

id13_oc_02

Wellsite StethoScope Test Summary

Test number: 08	Depth: 5951.10 (ft)
Date: 31-Jul-08	TVD: 5572.09 (ft)
Time: 06:43:32	

Company Name (CN): Santos Ltd	Field Location(FL): Otway Basin
Well Name (WN): Netherby-1	Country(FL1): N/A
Field Name(FN): Otway	Well Number (API): N/A
County/Rig (COUN): Ocean Patriot	Depth Datum (PDAT): Mean Sea Level
State/Province(STAT): Victoria	File Name: Run-03Tst08_1.CS_ETIME
Run number: 03	Test number: 08
Test Date: 31-Jul-08 06:43:32	Depth Measured: 5951.10 (ft)
TVD: 5572.09 (ft)	Well Deviation: 35.22 (deg)
Test Type: 0-C	Circulation Rate: 773.00 (gal/min)
Probe Orientation: 29.00 (deg)	Mud Weight: 11.10 (lb/g)
Flowline quartz gauge offset: 3.18 (psia)	Flowline strain gauge offset: 2.84 (psia)
Wellbore quartz gauge offset: 3.18 (psia)	Bit Size: 12.25 (in)
Caliper at test depth: Bit Size	Interpreted pretest type: Normal
Quartz gauge: ACQG	Strain gauge: Paine
Tool: FPWD800_A	

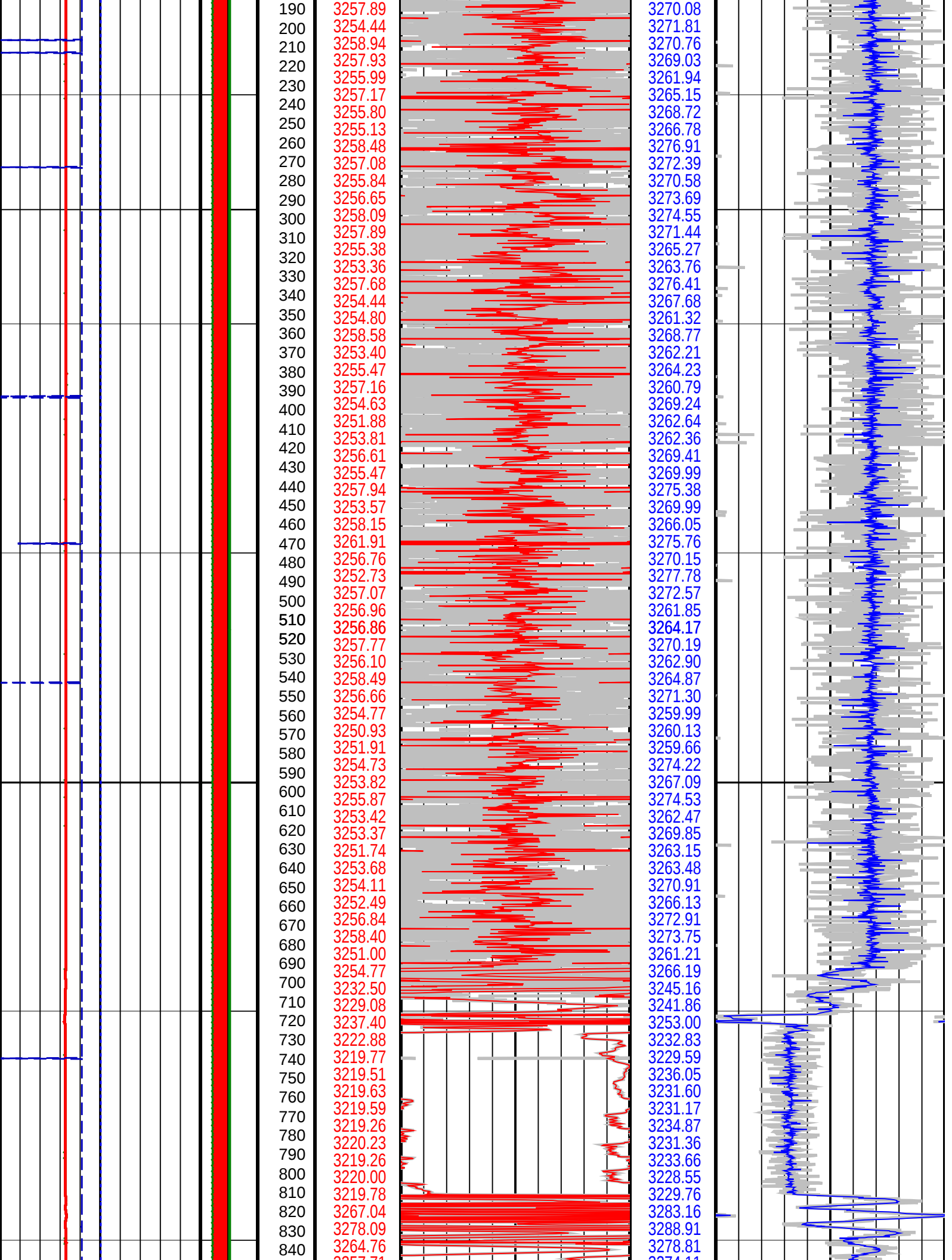
Pretest 1 (Investigation Test) Drawdown Pressure:	-999.25 (psia)
Pretest 1 (Investigation Test) Build Pressure:	-999.25 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	-999.25 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	-999.25 (psia)
Pretest 2 (Final Test) Build Pressure:	-999.25 (psia)
One minute slope (Pretest 2) Buildup:	-999.25 (psia/min)
Pressure Variance (Pretest 2) Buildup:	-999.25 (psia)
Final Drawdown Mobility:	-999.25 (mD/cP)
Pumps Off Test:	Yes
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

Well Pressure Before Test:	-999.25 (psia)
Well Pressure After Test:	-999.25 (psia)
Temperature Before Test:	-999.25 (degC)
Temperature After Test:	-999.25 (degC)
Estimated Mud Compressibility:	-999.25 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	-999.25 (cm3/s)
Pretest 1 (Investigation test) Volume:	-999.25 (cm3)
Pretest 2 (Final Test) Rate:	-999.25 (cm3/s)
Pretest 2 (Final Test) Volume:	-999.25 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	-999.25 (psia)

Start Pretest 1 (Investigation Test) Drawdown:	-999.25 (sec)
Start Pretest 1 (Investigation Test) Buildup:	-999.25 (sec)
Start Pretest 2 (Final Test) Drawdown:	-999.25 (sec)
Start Pretest 2 (Final Test) Buildup:	-999.25 (sec)

StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)												
0 (PSIA) 10000												
Annulus Strain Pressure Filtered (ASAP_F)												
0 (PSIA) 10000												
Flowline Quartz temperature (AQAT)						Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)			
0 (DEGC) 150						0 (PSIA) 10			0 (PSIA) 100			
Pretest volume (PTVOL)			Motor Speed (PFMS)	Elapse d Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP)			Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP)		
-25 (C3) 25			-1000	400		0 (PSIA) 10				0 (PSIA) 100		
			1000	500								
				0	3255.67				41.84			
				10	3257.67							
				20	3254.60				7052.32			
				30	3255.12				1194.62			
				40	3255.57				3275.01			
				50	3255.34				3267.65			
				60	3254.94				3271.50			
				70	3255.16				3263.08			
				80	3257.45				3280.90			
				90	3256.13				3278.31			
				100	3257.69				3267.16			
				110	3254.26				3266.81			
				120	3257.99				3268.56			
				130	3255.36				3267.49			
				140	3253.00				3264.79			
				150	3256.79				3264.52			
				160	3258.26				3270.82			
				170	3254.43				3257.81			
				180	3255.97				3265.44			
					3256.56				3269.96			
					3254.05				3263.20			



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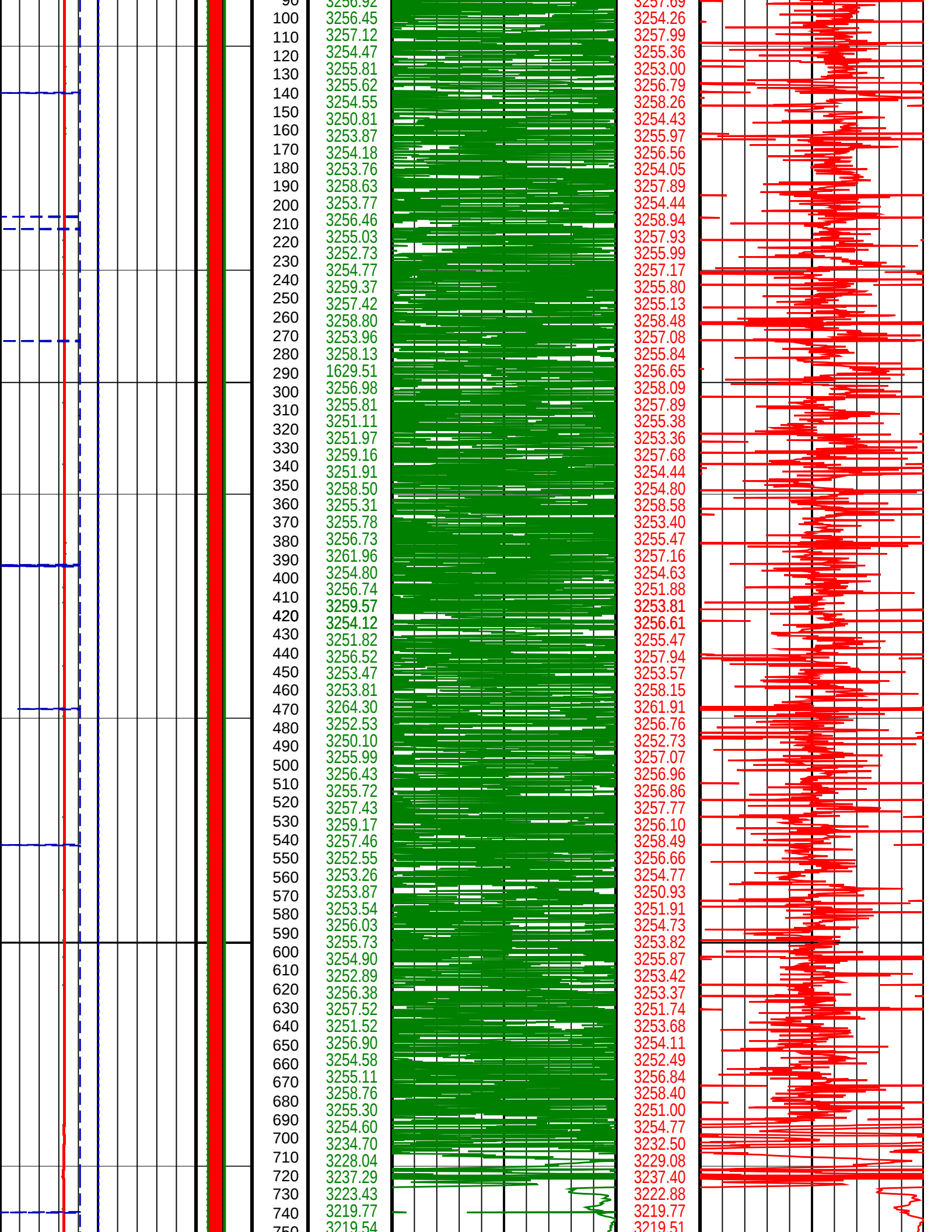
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) -1000	Elapsed Time (STATI ON_ TIME) (S) 400	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 0 100
Flowline Quartz temperature (AQAT) 0 (DEGC) 150			Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 0 100
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000				
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000				

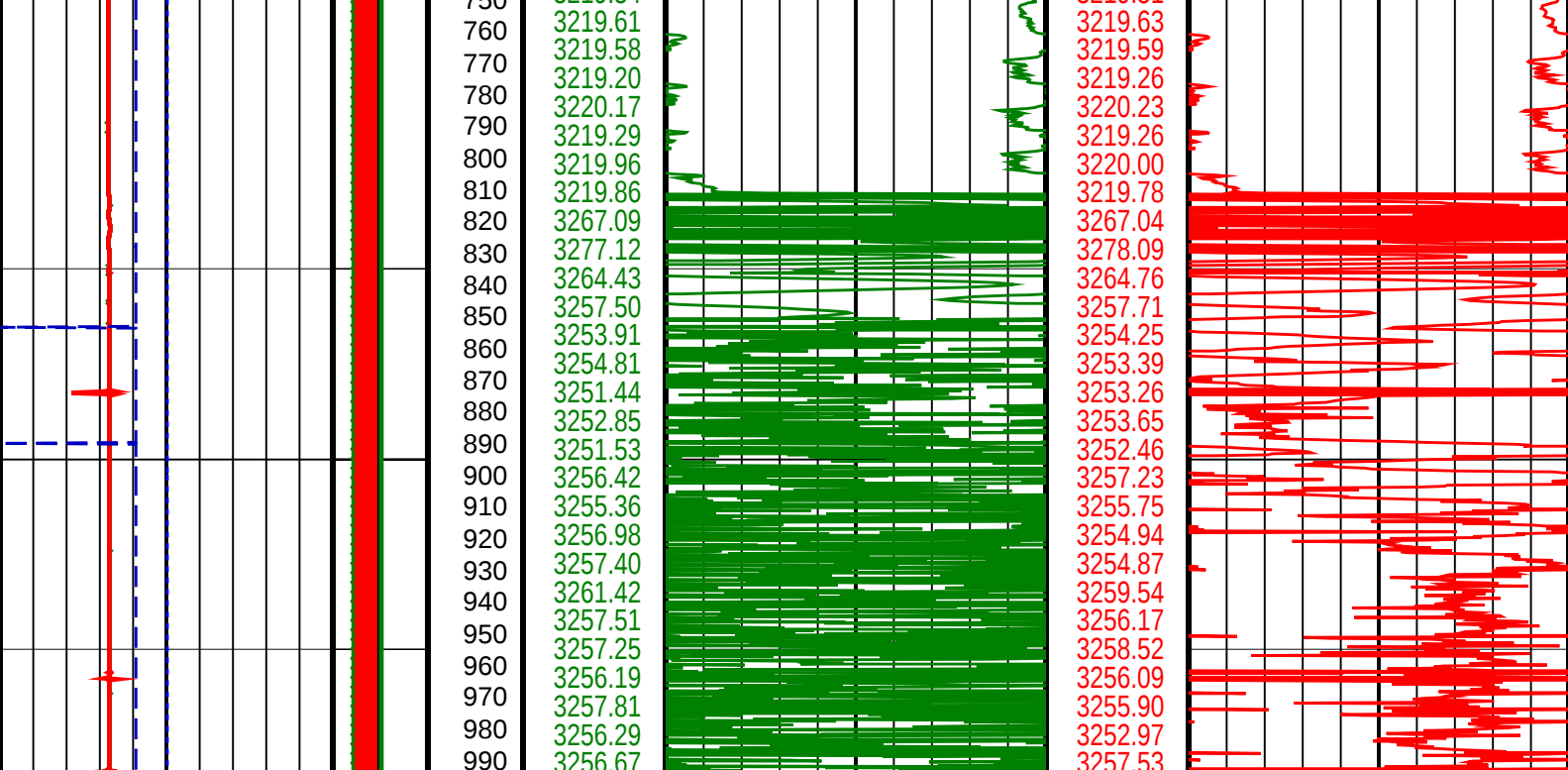
IDEAL Version: ID13_0C_08
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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F)	
0 (PSIA) 10000	
Annulus Strain Pressure Filtered (ASAP_F)	
0 (PSIA) 10000	
Flowline Quartz temperature (AQAT)	
0 (DEGC) 150	

Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP)		Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F)	
				0	10		0	10
		0	3268.32			3255.67		
		10	3257.26			3257.67		
		20	3256.77			3254.60		
		30	3250.52			3255.12		
		40	3253.88			3255.57		
		50	3256.87			3255.34		
		60	3258.15			3254.94		
		70	3255.83			3255.16		
		80	3257.92			3257.45		
		90	3258.33			3256.13		
		100	3256.02			3257.60		





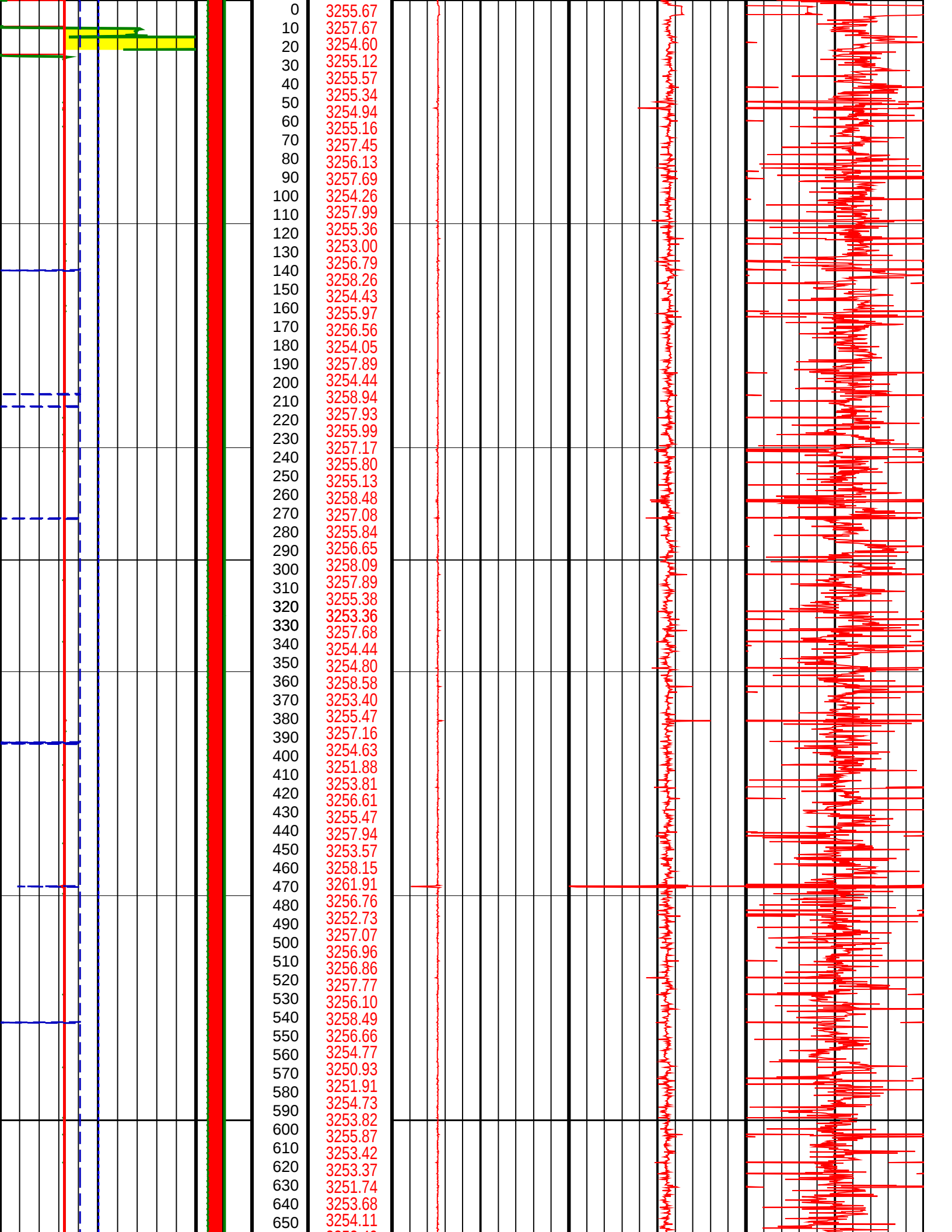
Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
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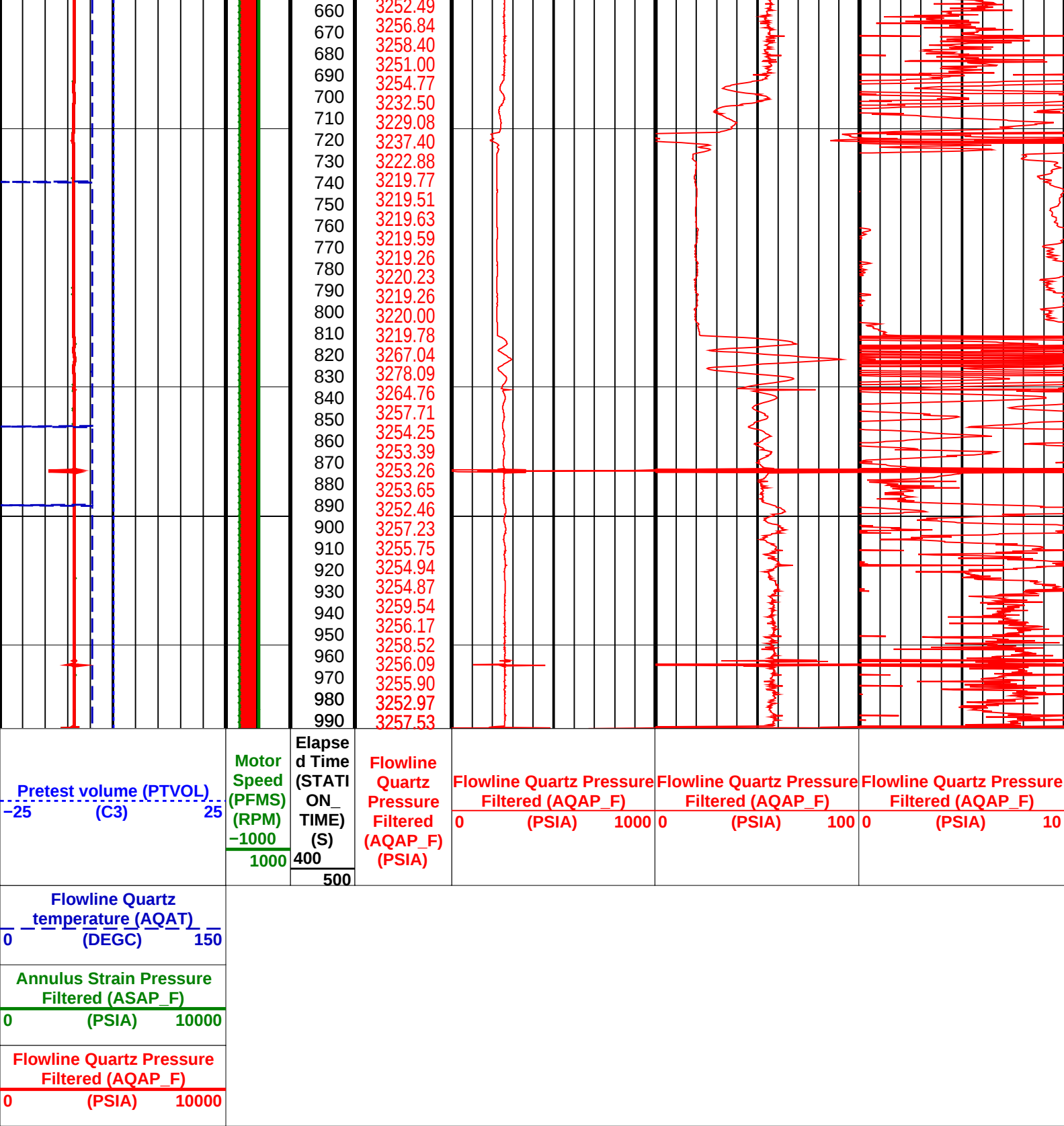
Flowline Quartz temperature (AQAT) 0 (DEGC) 150							
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000							
Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000							

IDEAL Version: ID13_0C_08
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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000							
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000							
Flowline Quartz temperature (AQAT) 0 (DEGC) 150							

Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 1000	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 100	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
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5000

Test 4b Depth 1814.07(m) 31-Jul-08 07:22:13

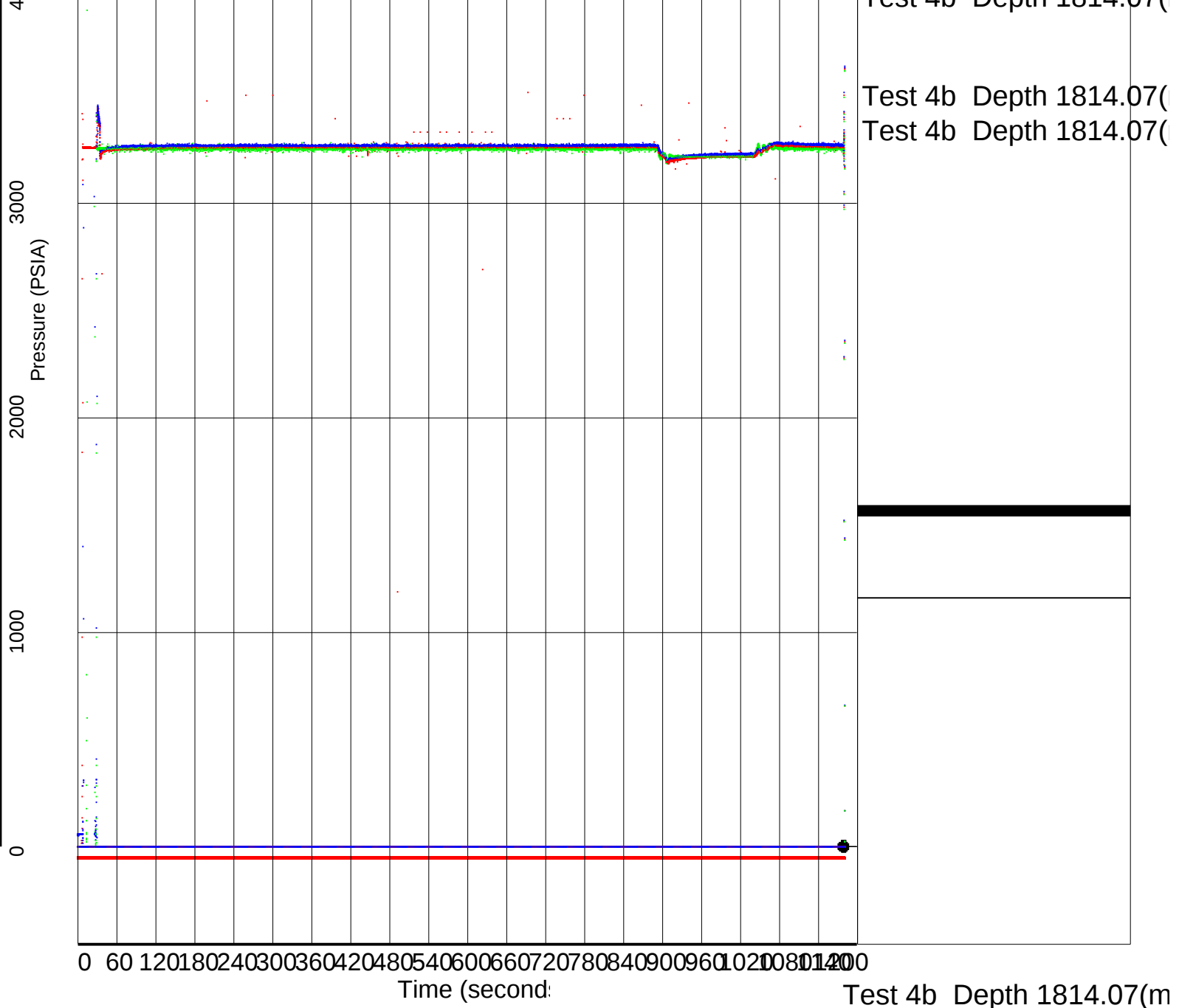
Test 4b Depth 1814.07(

Test 4b Depth 1814.07(

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Test 4b Depth 1814.07(



IDEAL Version: ID13_OC_08
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FPWD800-A id13_oc_02

Wellsite StethoScope Test Summary

Test number:	09	Depth:	5951.66 (ft)
Date:	31-Jul-08	TVD:	5572.55 (ft)
Time:	07:22:13		

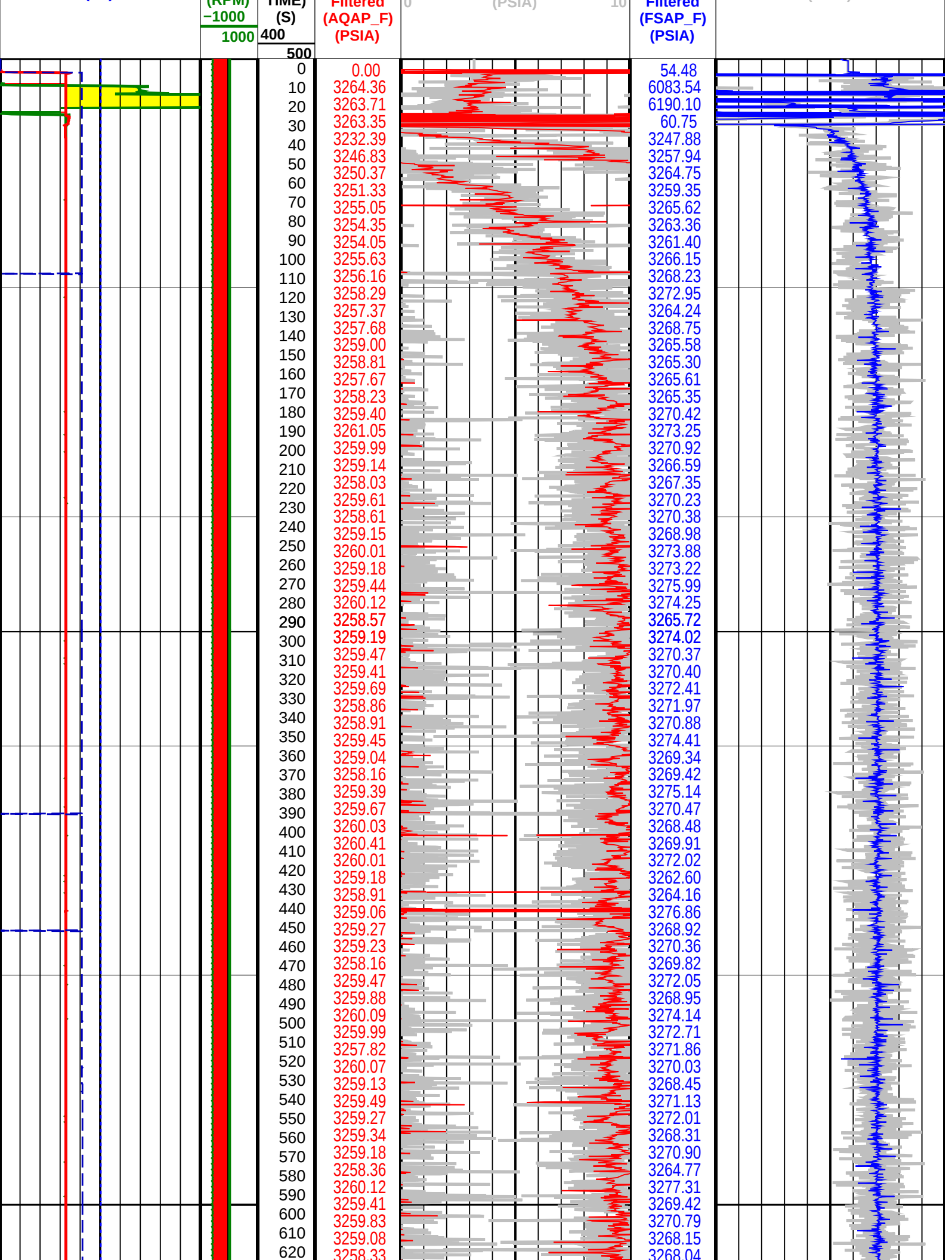
Company Name (CN):	Santos Ltd	Field Location(FL):	Otway Basin
Well Name (WN):	Netherby-1	Country(FL1):	
Field Name(FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province(STAT):	Victoria	File Name:	Run-03Tst09_1.CS_ETIME
Run number:	03	Test number:	09
Test Date:	31-Jul-08 07:22:13	Depth Measured:	5951.66 (ft)
TVD:	5572.55 (ft)	Well Deviation:	35.22 (deg)
Test Type:	35.22 (deg)	Circulation Rate:	780.00 (gal/min)
Probe Orientation:	169.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.18 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.18 (psia)	Bit Size:	12.25 (in)

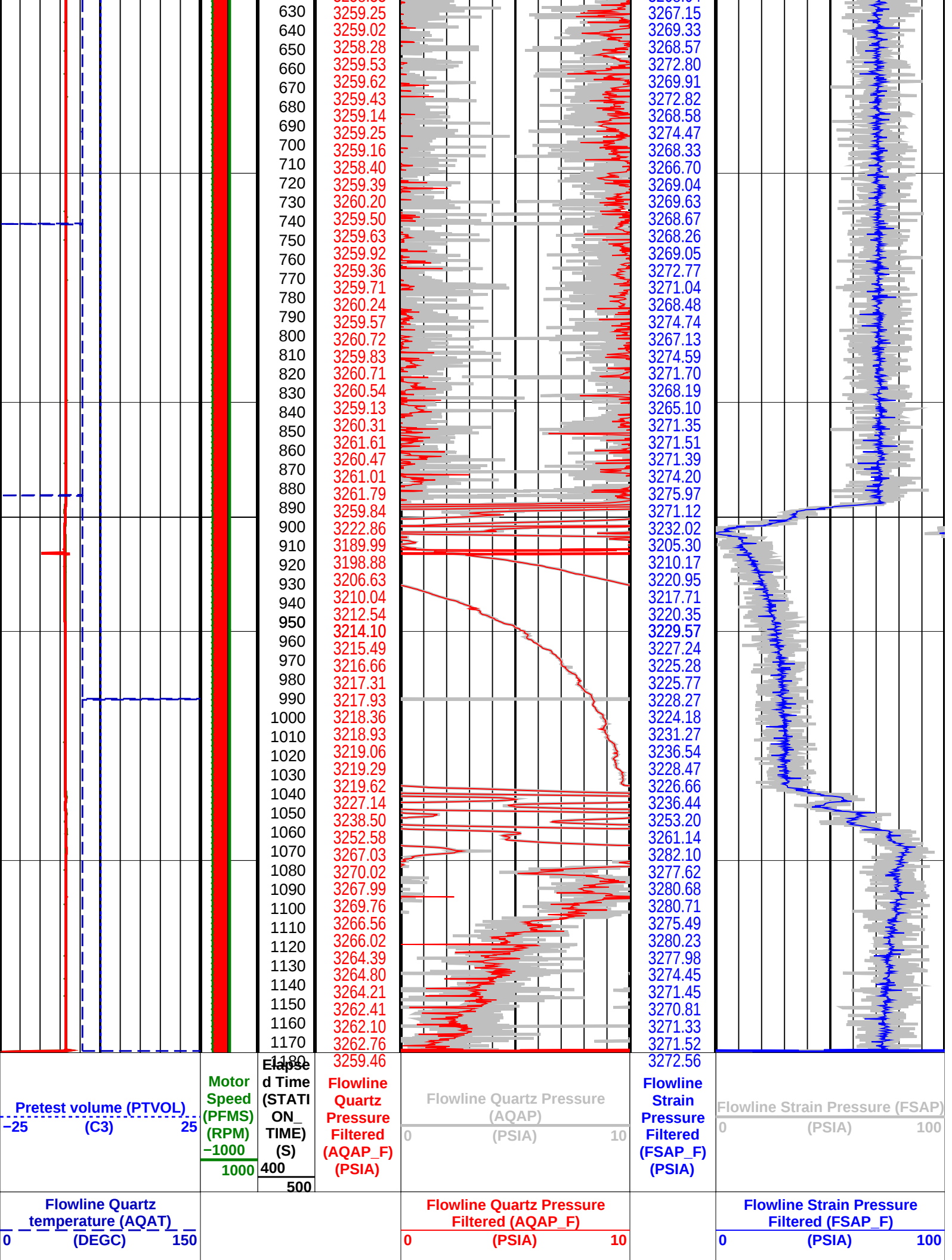
Caliper at test depth:	Bit Size	Interpreted pretest type:	Unknown
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	FPWD800_A		
Pretest 1 (Investigation Test) Drawdown Pressure: -999.25 (psia) Pretest 1 (Investigation Test) Build Pressure: -999.25 (psia) Pretest 1 (Investigation Test) Drawdown Mobility: -999.25 (mD/cP) Pretest 2 (Final Test) Drawdown Pressure: -999.25 (psia) Pretest 2 (Final Test) Build Pressure: -999.25 (psia) One minute slope (Pretest 2) Buildup: -999.25 (psia/min) Pressure Variance (Pretest 2) Buildup: -999.25 (psia) Final Drawdown Mobility: -999.25 (mD/cP) Pumps Off Test: Yes ** Parameters annotated as Picked were manually selected ** ** Results were Recomputed using the picks **			
Well Pressure Before Test: -999.25 (psia) Well Pressure After Test: 3282.94 (psia) Temperature Before Test: -999.25 (degc) Temperature After Test: 61.38 (degc) Estimated Mud Compressibility: -999.25 (1/psia) Pretest 6000 psi/current limit reached: No Pretest 1 (Investigation test) Rate: -999.25 (cm3/s) Pretest 1 (Investigation test) Volume: -999.25 (cm3) Pretest 2 (Final Test) Rate: -999.25 (cm3/s) Pretest 2 (Final Test) Volume: -999.25 (cm3) Start Pretest 1 (Investigation Test) Drawdown: -999.25 (sec) Start Pretest 1 (Investigation Test) Buildup: -999.25 (sec) Start Pretest 2 (Final Test) Drawdown: -999.25 (sec) Start Pretest 2 (Final Test) Buildup: -999.25 (sec)			

StethoScope Pretest Definitions

Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)									
0 (PSIA) 10000									
Annulus Strain Pressure Filtered (ASAP_F)									
0 (PSIA) 10000									
Flowline Quartz temperature (AQAT)			Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)			
0 (DEGC) 150			0 (PSIA) 10			0 (PSIA) 100			
Pretest volume (PTVOL)			Motor Speed (PFMS)	Elapse d Time (STATI ON_ TIME)	Flowline Quartz Pressure Filtered	Flowline Strain Pressure Filtered	Flowline Strain Pressure (FSAP)		
-25 (C3) 25					Flowline Quartz Pressure (AQAP)		Flowline Strain Pressure (FSAP)		
					0 (PSIA) 10		0 (PSIA) 100		



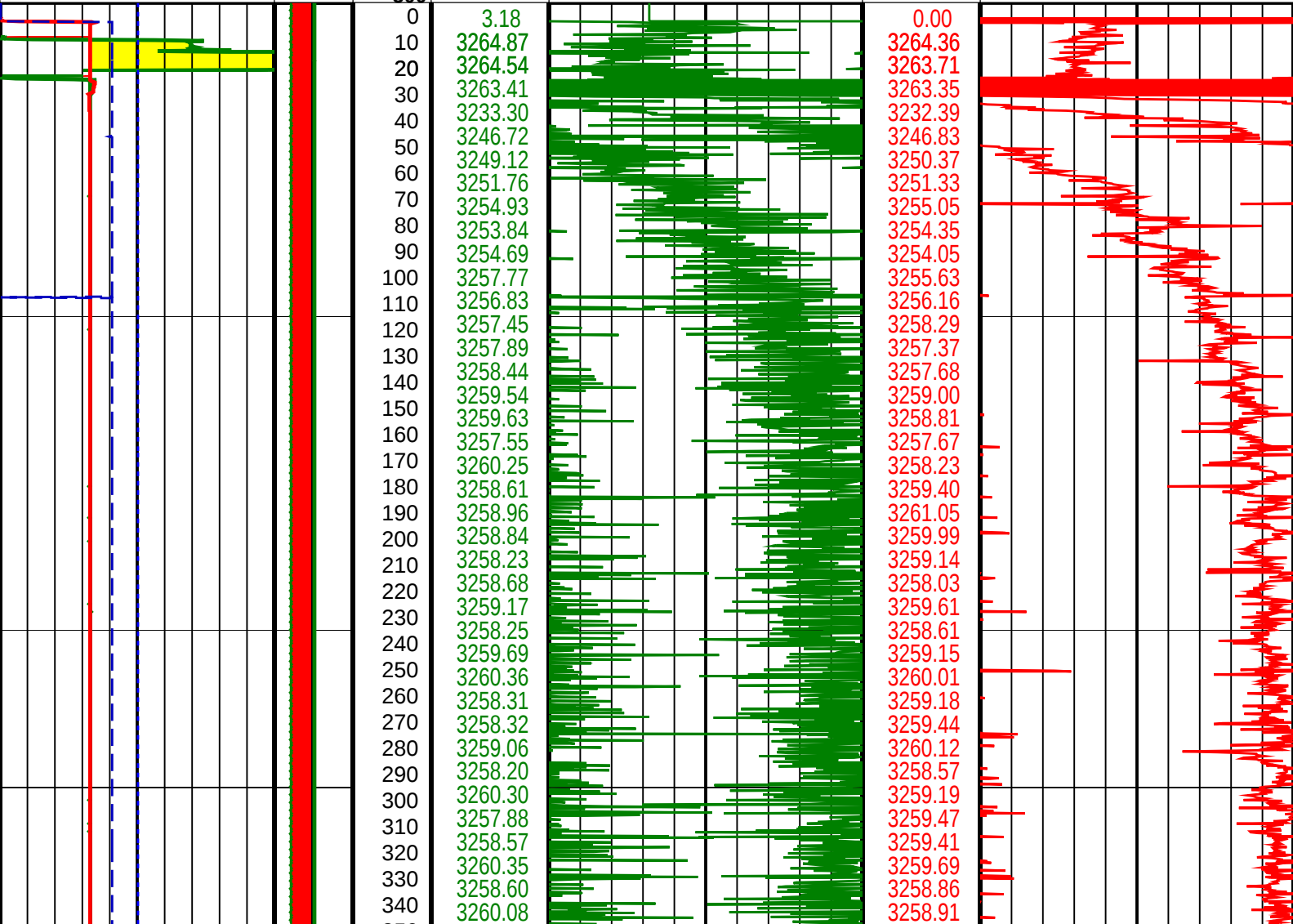


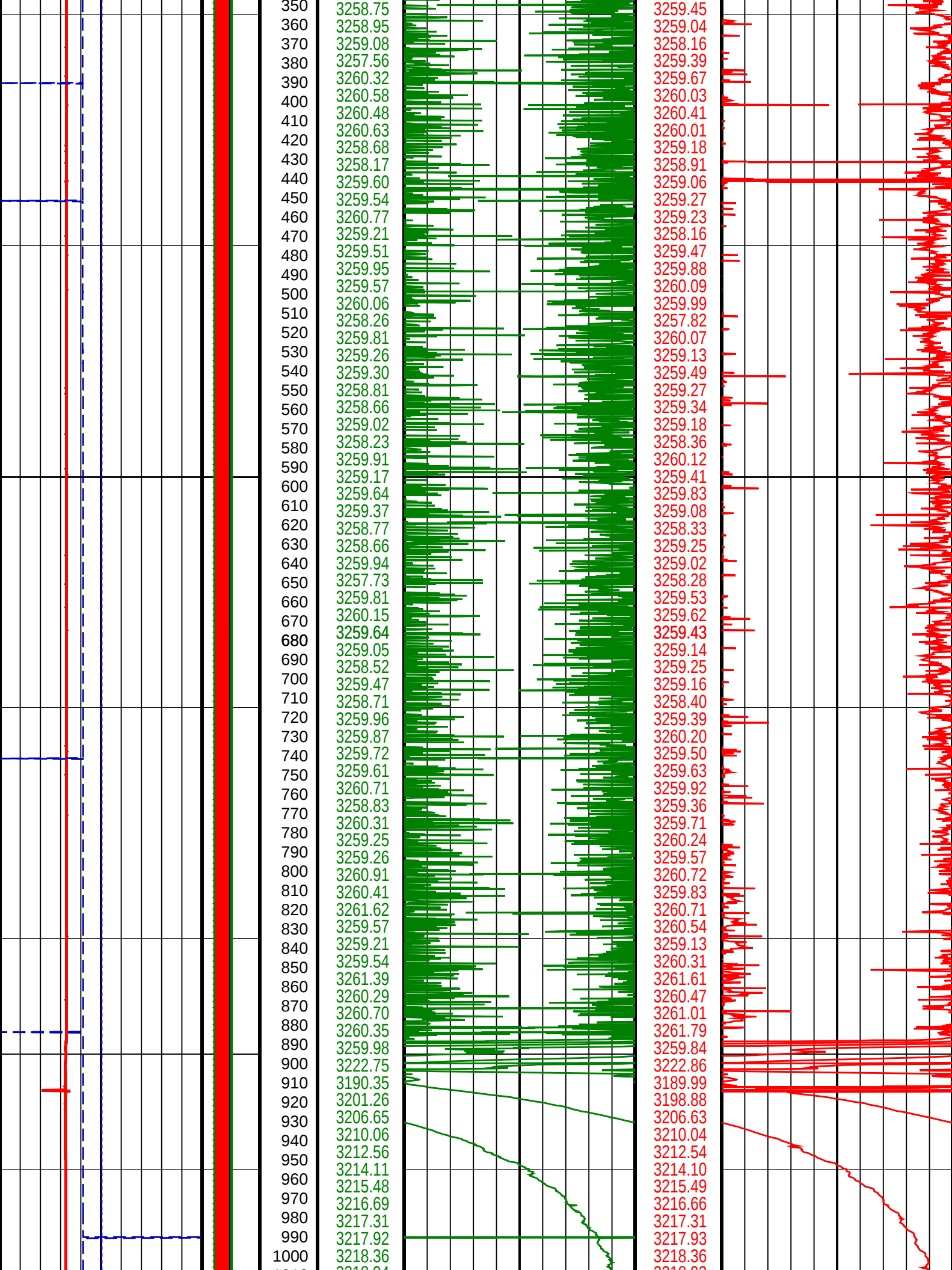
Annulus Strain Pressure Filtered (ASAP_F)		
0	(PSIA)	10000
Flowline Quartz Pressure Filtered (AQAP_F)		
0	(PSIA)	10000

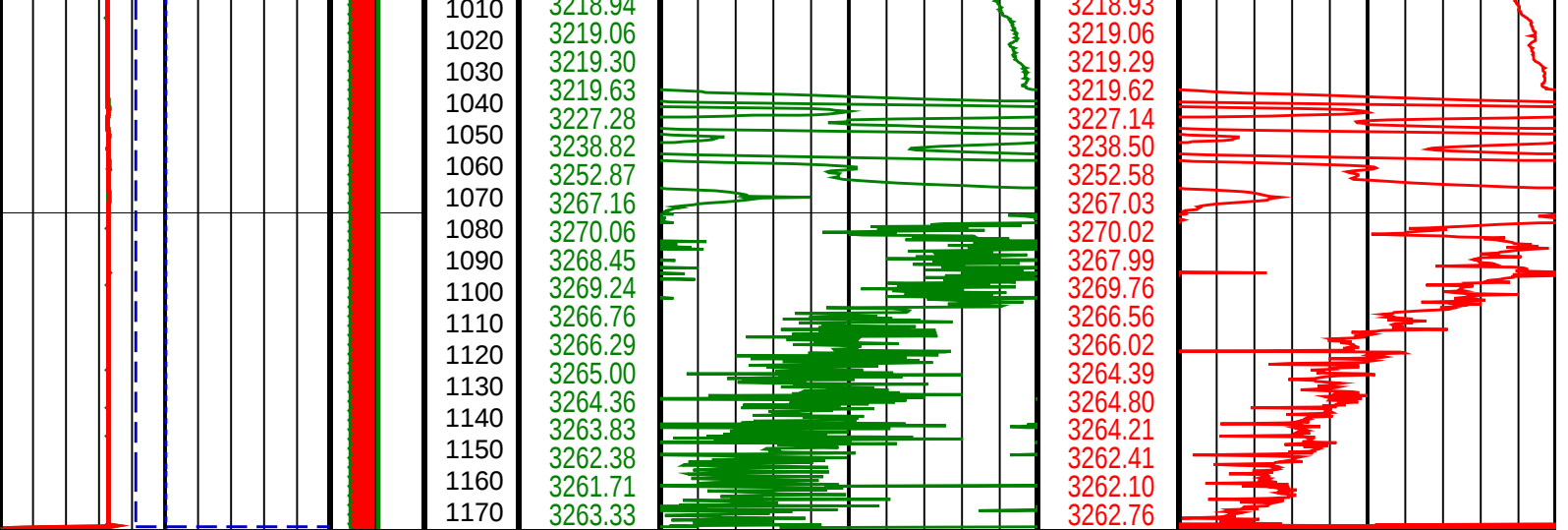
IDEAL Version: ID13_0C_08		
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FPWD800-A	id13_0c_02	

Flowline Quartz Pressure Filtered (AQAP_F)		
0	(PSIA)	10000
Annulus Strain Pressure Filtered (ASAP_F)		
0	(PSIA)	10000
Flowline Quartz temperature (AQAT)		
0	(DEGC)	150

Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM)	Elapse d Time (STATI ON TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
	-1000	400				
	1000	500				







Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
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Flowline Quartz temperature (AQAT) (DEGC) 0 150						
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000						
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000						

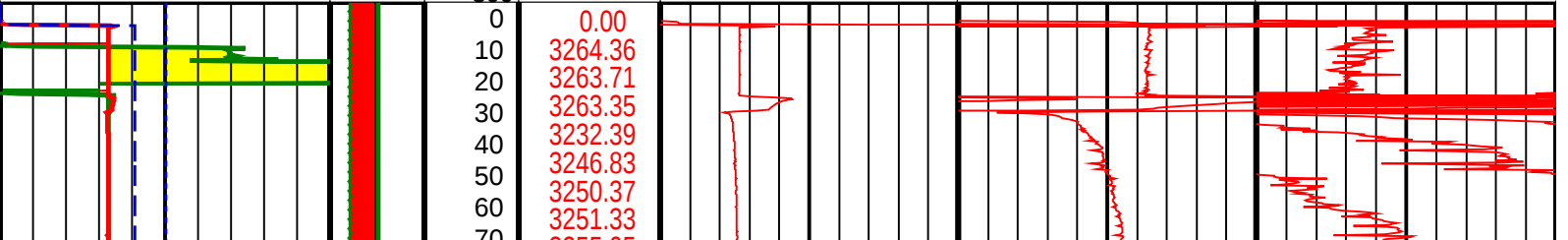
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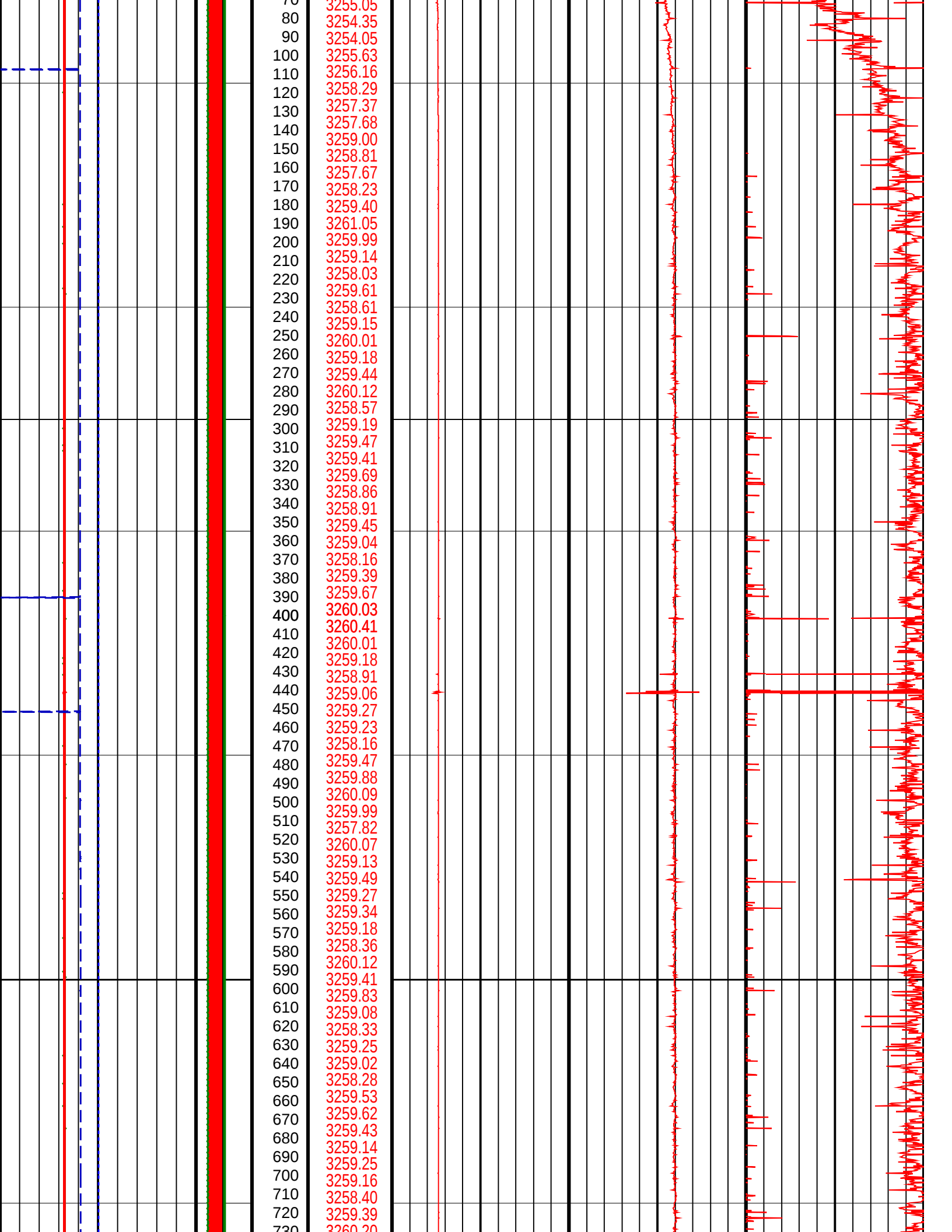
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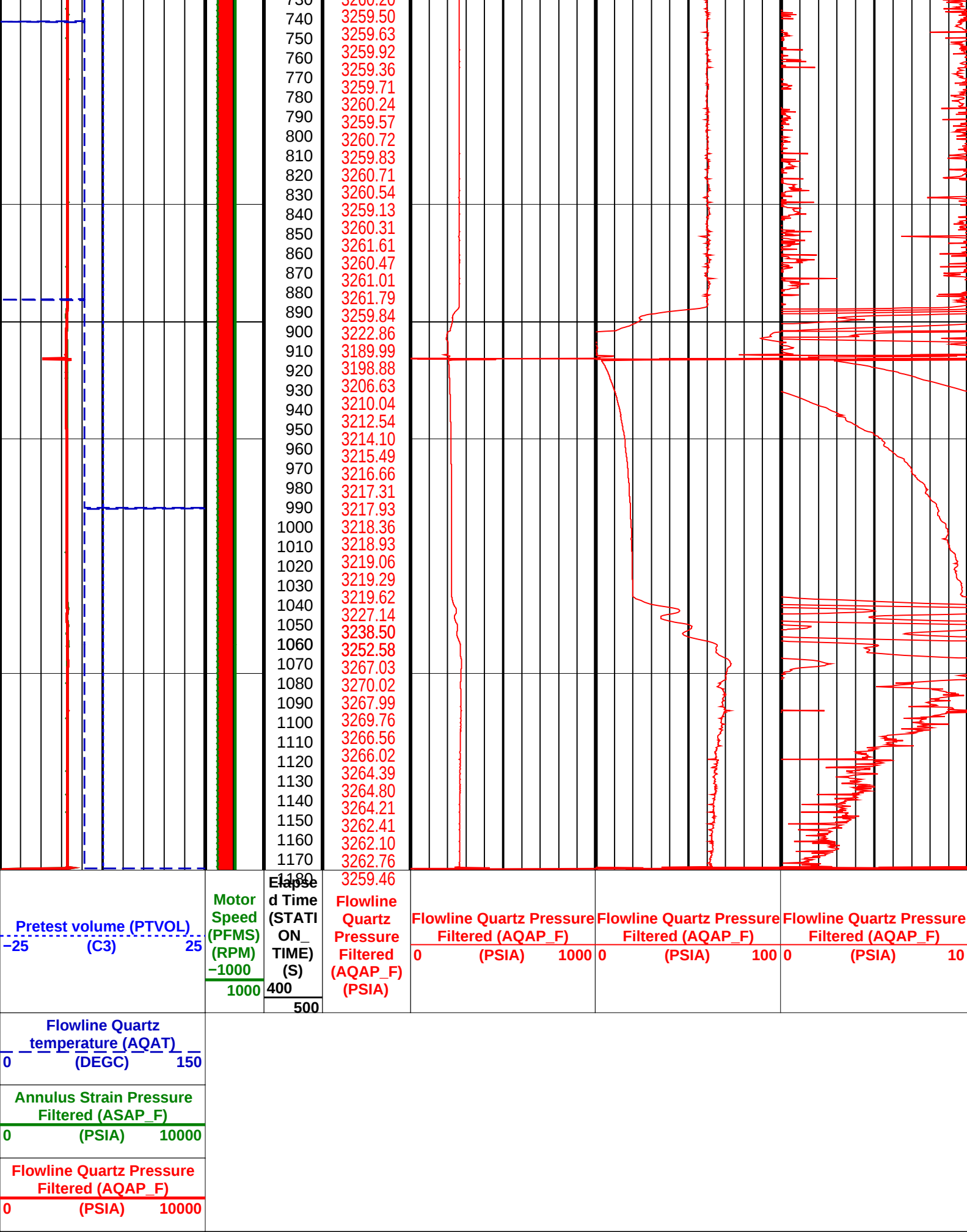
FPWD800-A id13_0c_02

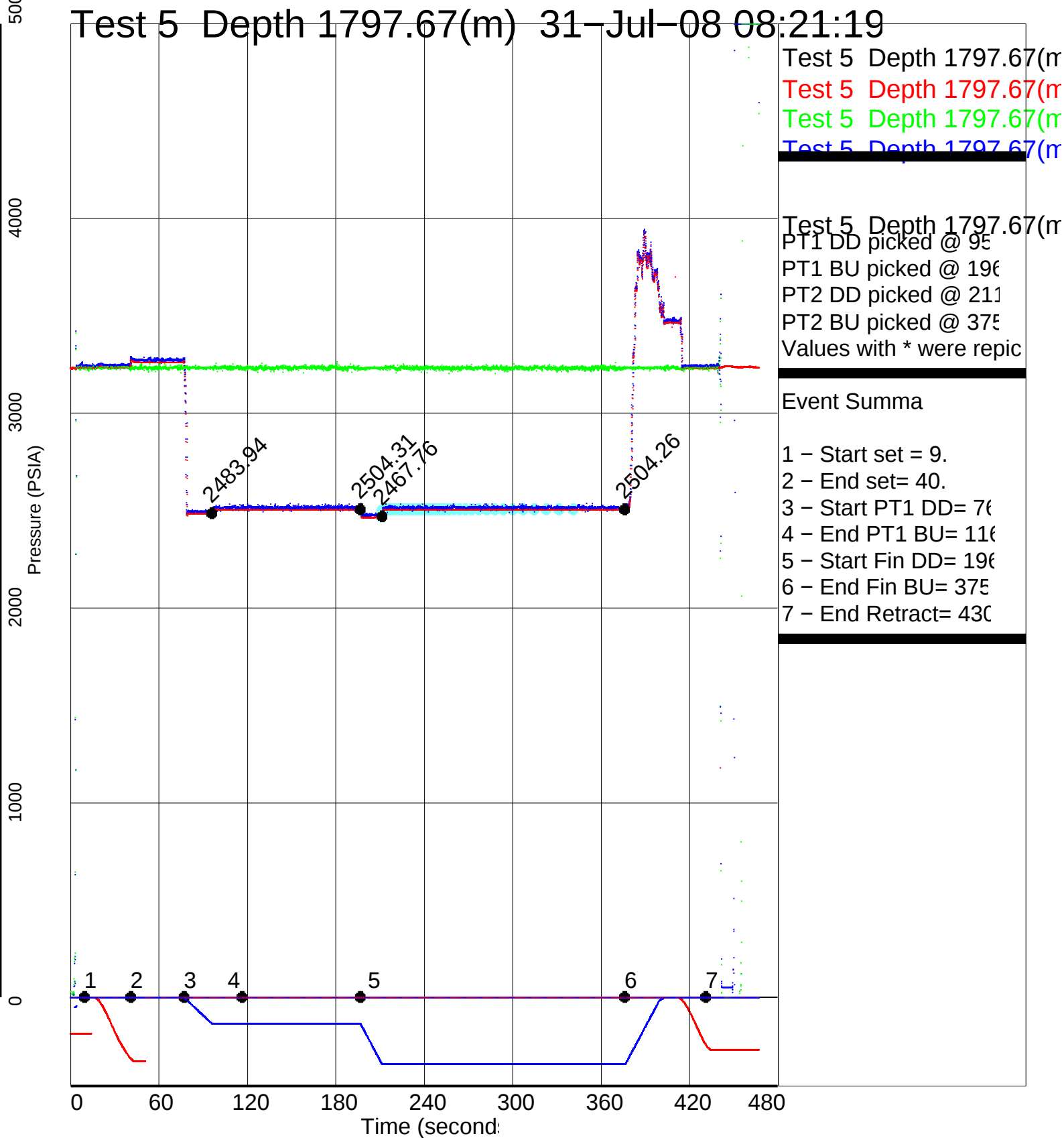
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000						
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000						
Flowline Quartz temperature (AQAT) (DEGC) 0 150						

Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
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IDEAL Version: ID13_0C_08
IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 11
Date: 31-Jul-08
Time: 08:21:19

Depth: 5897.95 (ft)
TVD: 5528.66 (ft)

Company Name (CN): Santos Ltd Field Location (FL): Otway Basin

Company Name (CN):	Santos Ltd	Field Location (FL):	Otway Basin
Well Name (WN):	Netherby-1	Country (FL1):	
Field Name (FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province (STAT):	Victoria	File Name:	Run-03Tst11_1.CS_ITIME
Run number:	03	Test number:	11
Test Date:	31-Jul-08 08:21:19	Depth Measured:	5897.95 (ft)
TVD:	5528.66 (ft)	Well Deviation:	35.10 (deg)
Test Type:	0-C	Circulation Rate:	829.00 (gal/min)
Probe Orientation:	16.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.19 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.19 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	Normal
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	EPWD800_A		

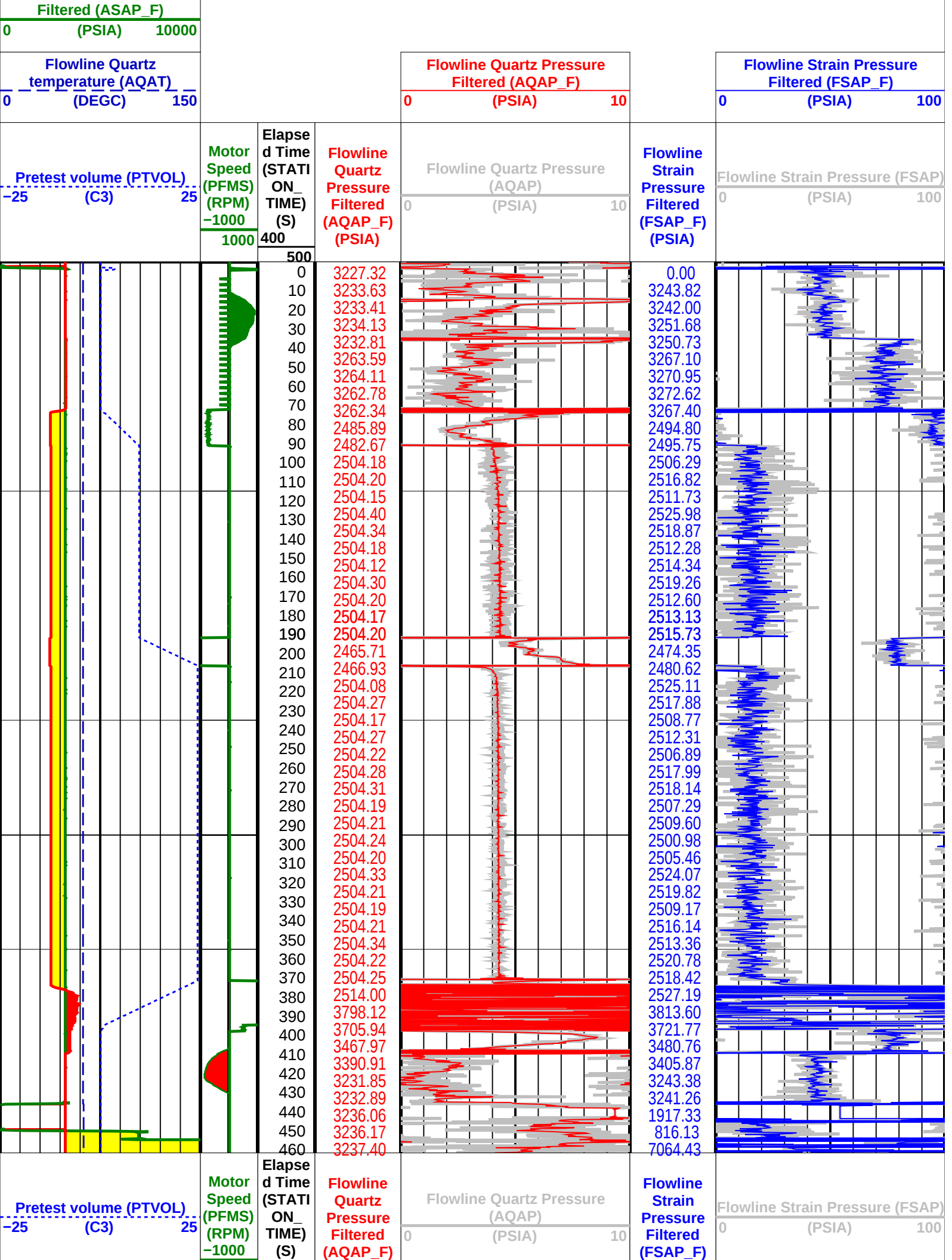
Pretest 1 (Investigation Test) Drawdown Pressure:	2483.94 (psia)
Pretest 1 (Investigation Test) Build Pressure:	2504.31 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	123.69 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	2467.76 (psia)
Pretest 2 (Final Test) Build Pressure:	2504.26 (psia)
One minute slope (Pretest 2) Buildup:	0.04 (psia/min)
Pressure Variance (Pretest 2) Buildup:	0.15 (psia)
Final Drawdown Mobility:	130.24 (mD/cP)
Pumps Off Test:	No
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

Well Pressure Before Test:	3234.67 (psia)
Well Pressure After Test:	3230.43 (psia)
Temperature Before Test:	61.62 (degc)
Temperature After Test:	61.79 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.49 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.54 (cm3)
Pretest 2 (Final Test) Rate:	0.99 (cm3/s)
Pretest 2 (Final Test) Volume:	14.56 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	95.94 (sec)
Start Pretest 1 (Investigation Test) Buildup:	196.69 (sec)
Start Pretest 2 (Final Test) Drawdown:	211.31 (sec)
Start Pretest 2 (Final Test) Buildup:	375.69 (sec)

StethoScope Pretest Definitions

Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)	
0 (PSIA) 10000	
Annulus Strain Pressure	

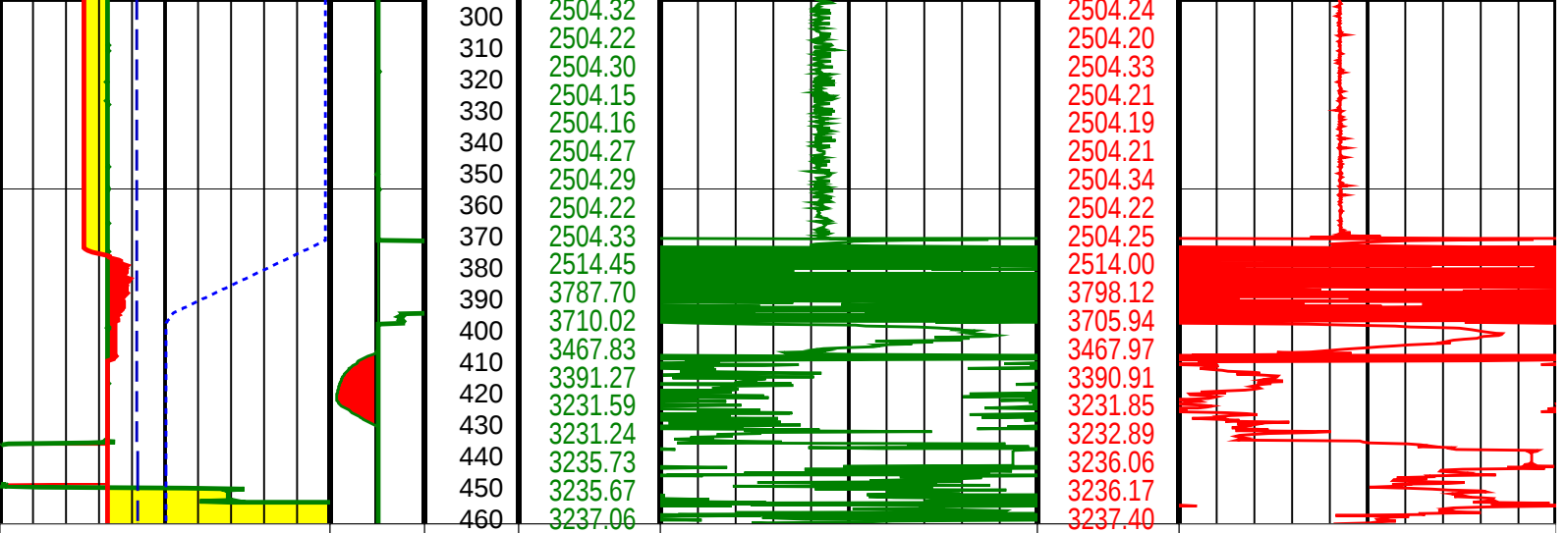


	1000	400	(PSIA)		(PSIA)	
		500				
Flowline Quartz temperature (AQAT) (DEGC)				Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)		
0 150				0 10		
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)						
0 10000						
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)						
0 10000						

IDEAL Version: ID13_0C_08 IDEAL						
FPWD800-A id13_0c_02						

Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)						
0 10000						
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)						
0 10000						
Flowline Quartz temperature (AQAT) (DEGC)						
0 150						

Pretest volume (PTVOL) (C3)	Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25 25	-1000 1000	400 500		0 10		0 10
		0	3228.83		3227.32	
		10	3234.78		3233.63	
		20	3234.69		3233.41	
		30	3232.93		3234.13	
		40	3233.23		3232.81	
		50	3263.49		3263.59	
		60	3263.09		3264.11	
		70	3262.71		3262.78	
		80	3263.11		3262.34	
		90	2485.49		2485.89	
		100	2482.94		2482.67	
		110	2503.96		2504.18	
		120	2504.27		2504.20	
		130	2504.35		2504.15	
		140	2504.38		2504.40	
		150	2504.41		2504.34	
		160	2504.03		2504.18	
		170	2504.04		2504.12	
		180	2504.17		2504.30	
		190	2504.04		2504.20	
		200	2504.07		2504.17	
		210	2504.16		2504.20	
		220	2465.63		2465.71	
		230	2466.81		2466.93	
		240	2504.17		2504.08	
		250	2504.32		2504.27	
		260	2504.23		2504.17	
		270	2504.35		2504.27	
		280	2504.32		2504.22	
		290	2504.18		2504.28	
			2504.24		2504.31	
			2504.12		2504.19	
			2504.25		2504.21	

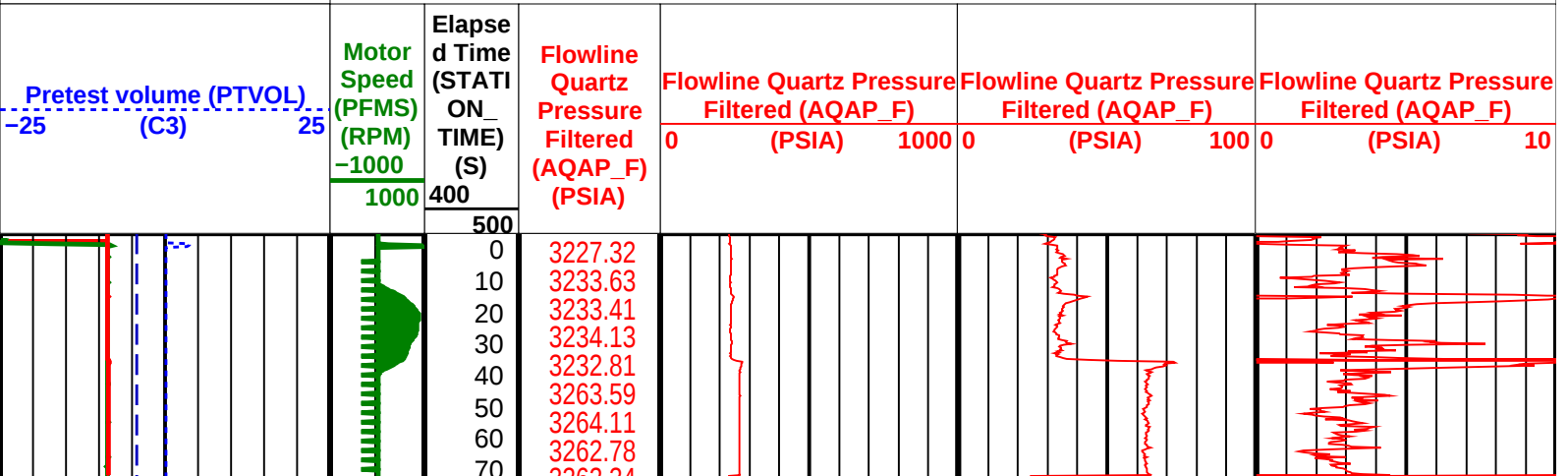


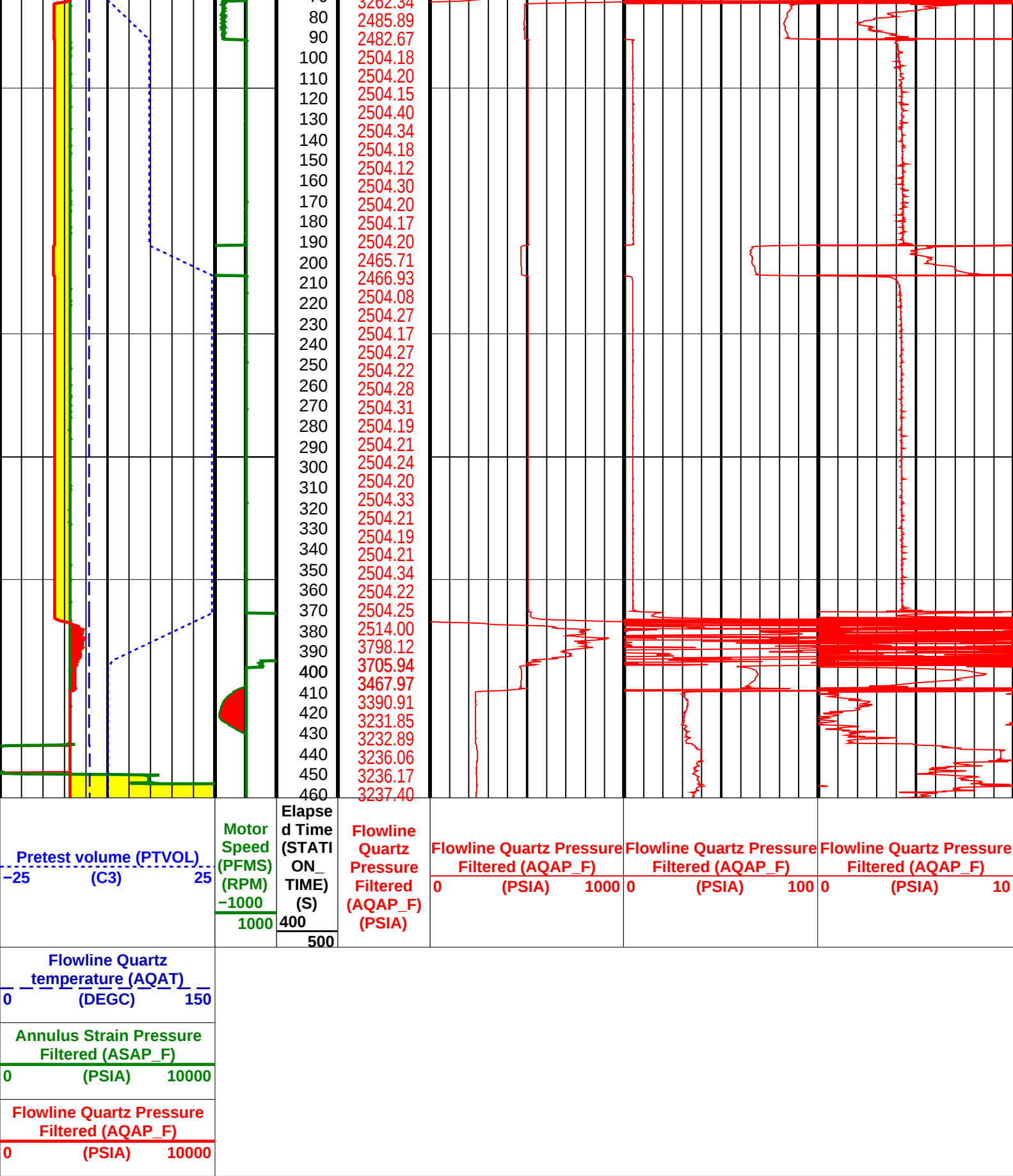
Pretest volume (PTVOL) (C3)		Motor Speed (PFMS) (RPM)	Elapse d Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25 25		-1000	400		0 10		0 10
		1000	500				
Flowline Quartz temperature (AQAT) (DEGC)							
0 150							
Annulus Strain Pressure Filtered (ASAP_F)							
0 10000							
Flowline Quartz Pressure Filtered (AQAP_F)							
0 10000							

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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F)							
0 10000							
Annulus Strain Pressure Filtered (ASAP_F)							
0 10000							
Flowline Quartz temperature (AQAT) (DEGC)							
0 150							





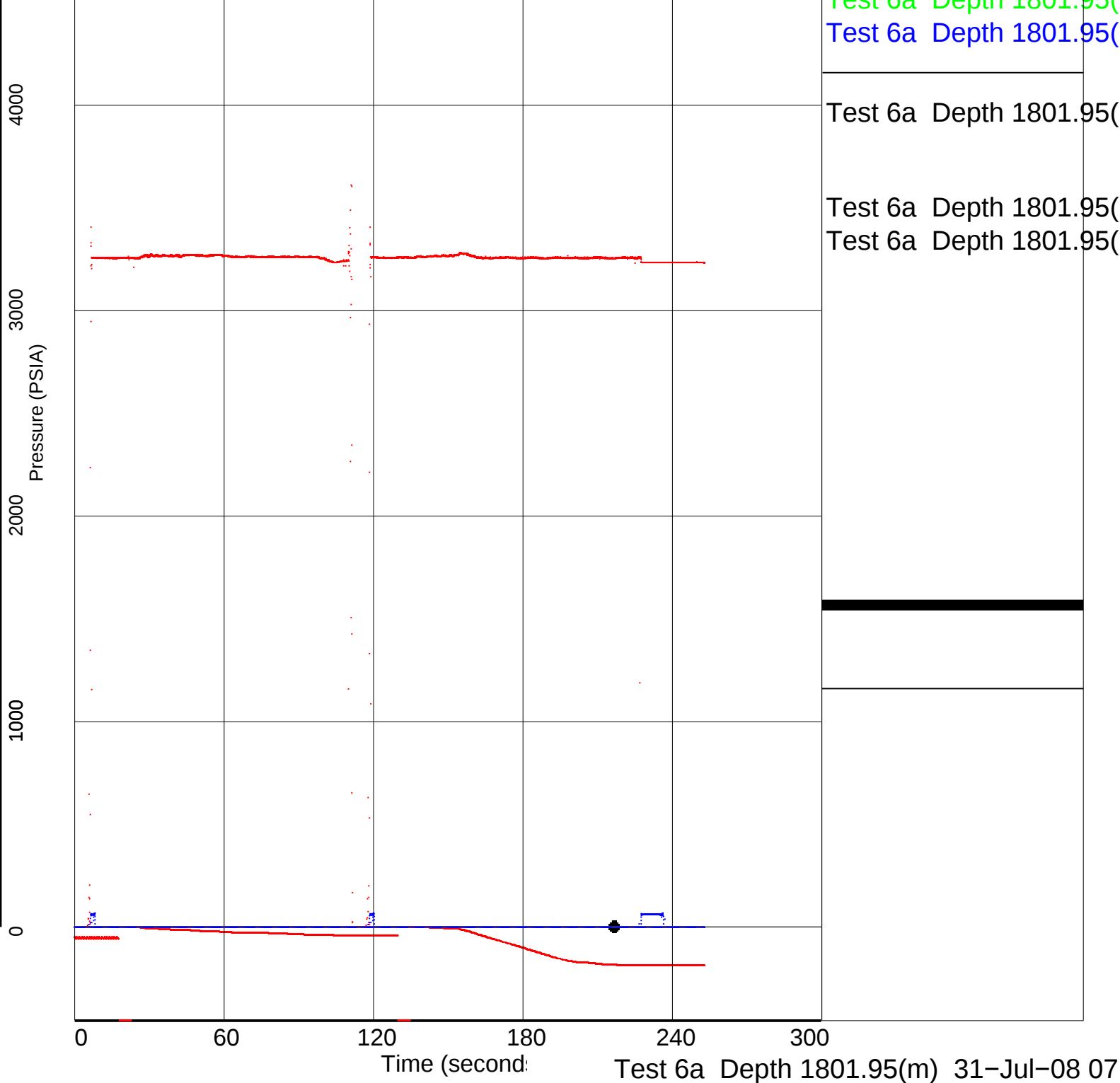
5000

Test 6a Depth 1801.95(m) 31-Jul-08 07:47:21

Test 6a Depth 1801.95(m)

Test 6a Depth 1801.95(m)

Test 6a Depth 1801.95(m)



IDEAL Version: ID13_0C_08			
IDEAL			
FPWD800-A		id13_0c_02	
Wellsite StethoScope Test Summary			
Test number: 10		Depth: 5897.95 (ft)	
Date: 31-Jul-08		TVD: 5528.66 (ft)	
Time: 07:47:21			
Company Name (CN):	Santos Ltd	Field Location(FL):	Otway Basin
Well Name (WN):	Netherby-1	Country(FL1):	
Field Name(FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province(STAT):	Victoria	File Name:	Run-03Tst10_1.CS_ITIME
Run number:	03	Test number:	10
Test Date:	31-Jul-08 07:47:21	Depth Measured:	5897.95 (ft)

Test Date:	31 Jul 08 07:47:21	Depth Measured:	3637.93 (ft)
TVD:	5528.66 (ft)	Well Deviation:	35.10 (deg)
Test Type:	0-C	Circulation Rate:	829.00 (gal/min)
Probe Orientation:	16.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.19 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.19 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	Unknown
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	EPWD800_A		

Pretest 1 (Investigation Test) Drawdown Pressure:	-999.25 (psia)
Pretest 1 (Investigation Test) Build Pressure:	-999.25 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	-999.25 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	-999.25 (psia)
Pretest 2 (Final Test) Build Presure:	-999.25 (psia)
One minute slope (Pretest 2) Buildup:	-999.25 (psia/min)
Pressure Variance (Pretest 2) Buildup:	-999.25 (psia)
Final Drawdown Mobility:	-999.25 (mD/cP)
Pumps Off Test:	Yes
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

Well Pressure Before Test:	-999.25 (psia)
Well Pressure After Test:	3255.79 (psia)
Temperature Before Test:	-999.25 (degc)
Temperature After Test:	61.46 (degc)
Estimated Mud Compressibility:	-999.25 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	-999.25 (cm3/s)
Pretest 1 (Investigation test) Volume:	-999.25 (cm3)
Pretest 2 (Final Test) Rate:	-999.25 (cm3/s)
Pretest 2 (Final Test) Volume:	-999.25 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	-999.25 (sec)
Start Pretest 1 (Investigation Test) Buildup:	-999.25 (sec)
Start Pretest 2 (Final Test) Drawdown:	-999.25 (sec)
Start Pretest 2 (Final Test) Buildup:	-999.25 (sec)

StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)								
0	(PSIA)	10000						
Annulus Strain Pressure Filtered (ASAP_F)								
0	(PSIA)	10000						
Flowline Quartz temperature (AQAT)			Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)		
0	(DEGC)	150	0	(PSIA)	10	0	(PSIA)	100

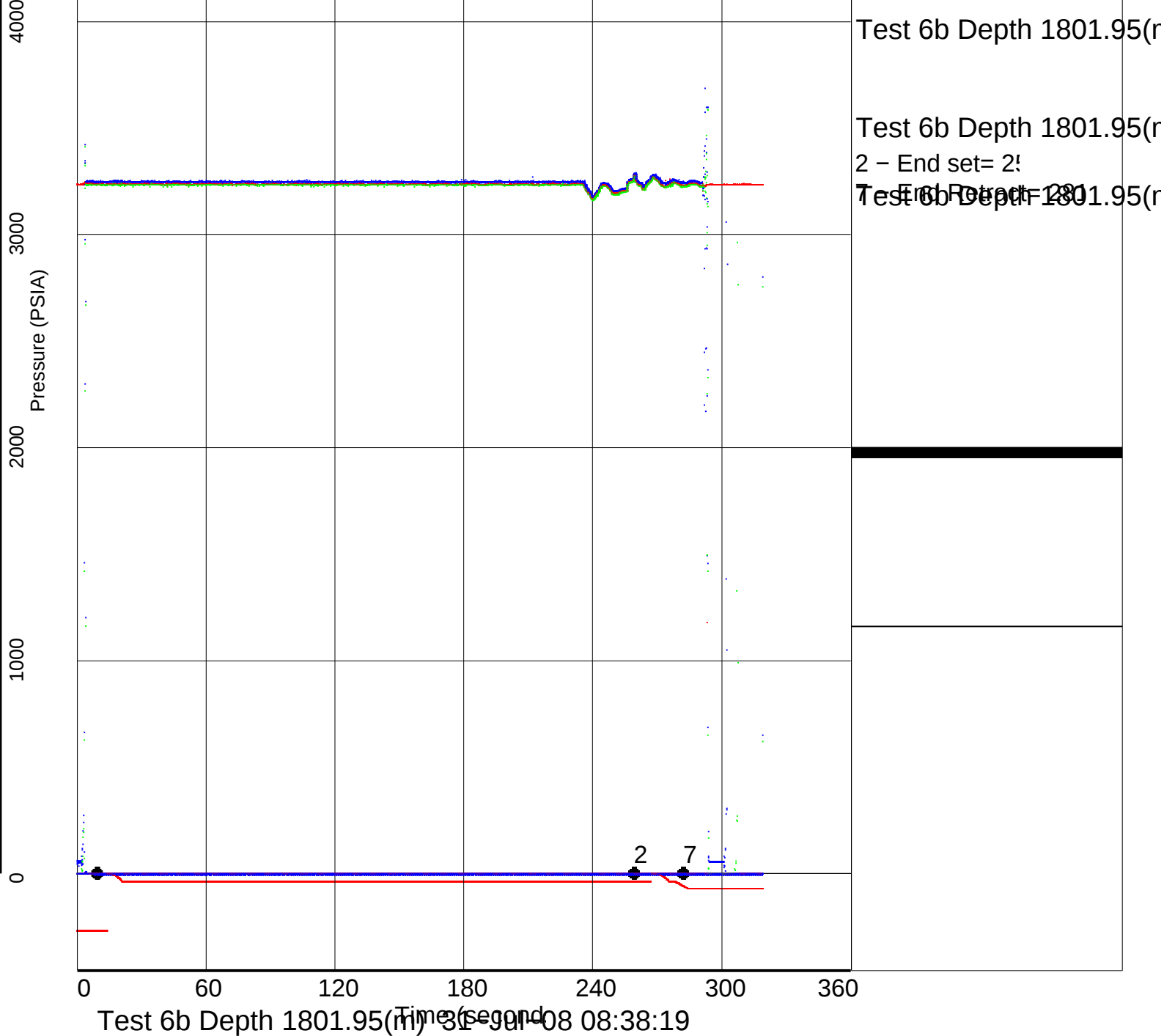
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA) 0 100
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA) 0 100
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA) 0 100
Flowline Quartz temperature (AQAT) (DEGC) 0 150	Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000				

[illegible]

temperature (AQAT) 0 (DEGC) 150											
Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 1000		Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 100		Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10		
			0	0.00							
			10	3256.74							
			20	3257.46							
			30	3265.59							
			40	3267.50							
			50	3269.78							
			60	3268.87							
			70	3264.03							
			80	3262.41							
			90	3263.15							
			100	3264.14							
			110	3255.03							
			120	3241.58							
			130	3257.74							
			140	3257.52							
			150	3266.16							
			160	3268.88							
			170	3258.27							
			180	3257.37							
			190	3254.88							
			200	3254.09							
			210	3257.04							
			220	3259.12							
			230	3254.21							
			240	3256.64							
			250	3234.38							
			260	3231.55							
			270	3233.10							
Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 1000		Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 100		Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10		
Flowline Quartz temperature (AQAT) 0 (DEGC) 150											
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000											
Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000											

Test 6b Depth 1801.95(m) 31-Jul-08 08:38:19

Test 6b Depth 1801.95(r)
 Test 6b Depth 1801.95(r)
 Test 6b Depth 1801.95(r)
 Test 6b Depth 1801.95(r)



IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 12	Depth: 5911.89 (ft)
Date: 31-Jul-08	TVD: 5540.06 (ft)
Time: 08:38:19	

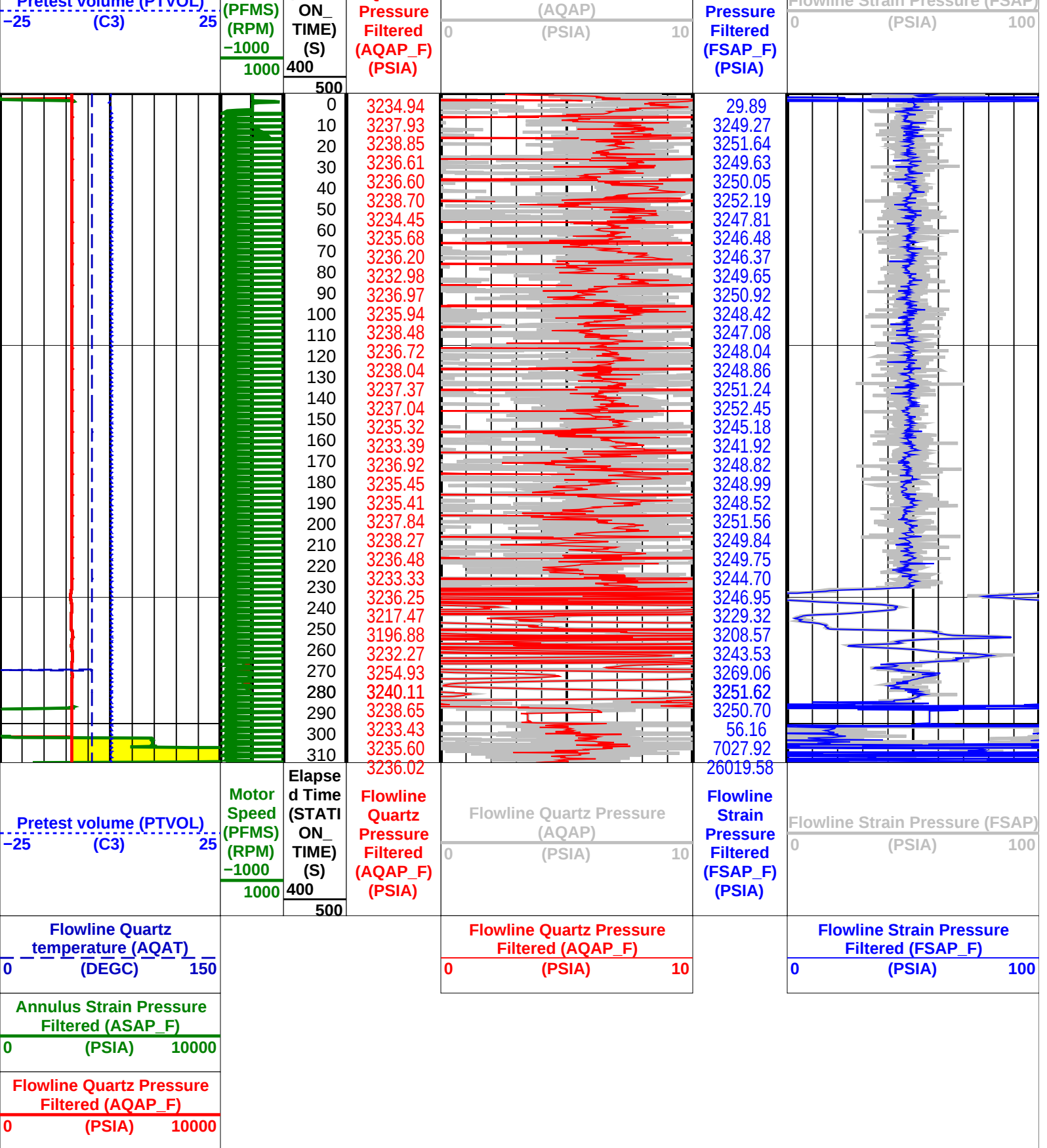
Company Name (CN): Santos Ltd	Field Location(FL): Otway Basin
Well Name (WN): Netherby-1	Country(FL1): N/A
Field Name(FN): Otway	Well Number (API): Mean Sea Level
County/Rig (COUN): Ocean Patriot	Depth Datum (PDAT): Run-03Tst12_1.CS_ITIME
State/Province(STAT): Victoria	File Name: 12
Run number: 03	Test number: 5911.89 (ft)
Test Date: 31-Jul-08 08:38:19	Depth Measured: 35.12 (deg)
TVD: 5540.06 (ft)	Well Deviation: 826.00 (gal/min)
Test Type: 0-C	Circulation Rate: 11.10 (lb/g)
Probe Orientation: 19.00 (deg)	Mud Weight: 2.84 (psia)
Flowline quartz gauge offset: 3.19 (psia)	Flowline strain gauge offset:

Wellbore quartz gauge offset:	3.19 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	Unknown
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	FPWD800_A		
Pretest 1 (Investigation Test) Drawdown Pressure: -999.25 (psia) Pretest 1 (Investigation Test) Build Pressure: -999.25 (psia) Pretest 1 (Investigation Test) Drawdown Mobility: -999.25 (mD/cP) Pretest 2 (Final Test) Drawdown Pressure: -999.25 (psia) Pretest 2 (Final Test) Build Pressure: -999.25 (psia) One minute slope (Pretest 2) Buildup: -999.25 (psia/min) Pressure Variance (Pretest 2) Buildup: -999.25 (psia) Final Drawdown Mobility: -999.25 (mD/cP) Pumps Off Test: No ** Parameters annotated as Picked were manually selected ** ** Results were Recomputed using the picks **			
Well Pressure Before Test: 3236.21 (psia) Well Pressure After Test: 3229.95 (psia) Temperature Before Test: 61.96 (degc) Temperature After Test: 62.04 (degc) Estimated Mud Compressibility: -999.25 (1/psia) Pretest 6000 psi/current limit reached: No Pretest 1 (Investigation test) Rate: -999.25 (cm3/s) Pretest 1 (Investigation test) Volume: -999.25 (cm3) Pretest 2 (Final Test) Rate: -999.25 (cm3/s) Pretest 2 (Final Test) Volume: -999.25 (cm3) Start Pretest 1 (Investigation Test) Drawdown: -999.25 (sec) Start Pretest 1 (Investigation Test) Buildup: -999.25 (sec) Start Pretest 2 (Final Test) Drawdown: -999.25 (sec) Start Pretest 2 (Final Test) Buildup: -999.25 (sec)			

StethoScope Pretest Definitions

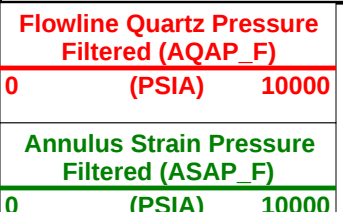
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

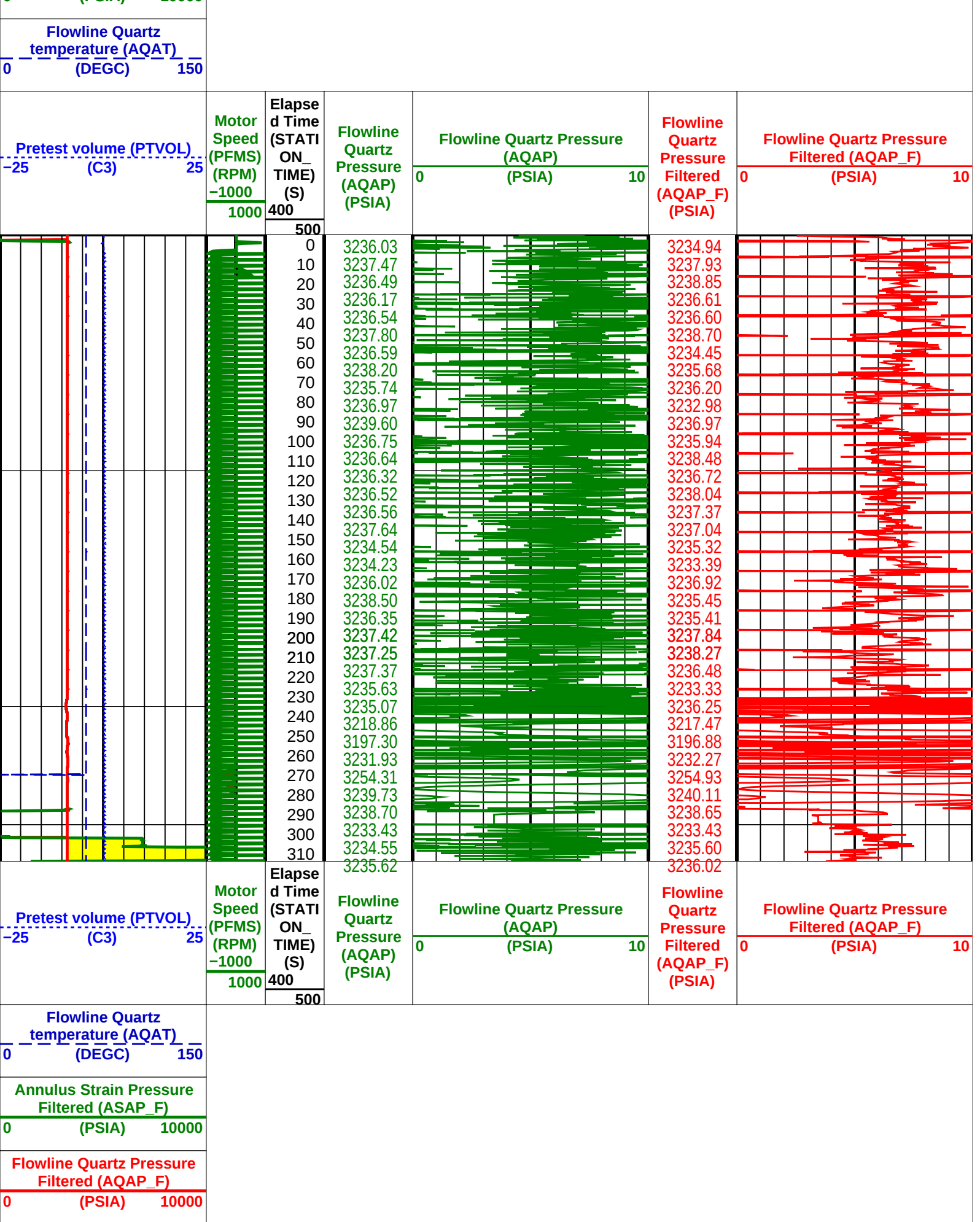
Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000								
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000								
Flowline Quartz temperature (AQAT) 0 (DEGC) 150			Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10			Flowline Strain Pressure Filtered (FSAP_F) 0 (PSIA) 100		
Pretest volume (PTVOL)			Motor Speed	Elapse d Time (STATI	Flowline Quartz	Flowline Quartz Pressure	Flowline Strain	Flowline Strain Pressure (FSAP)

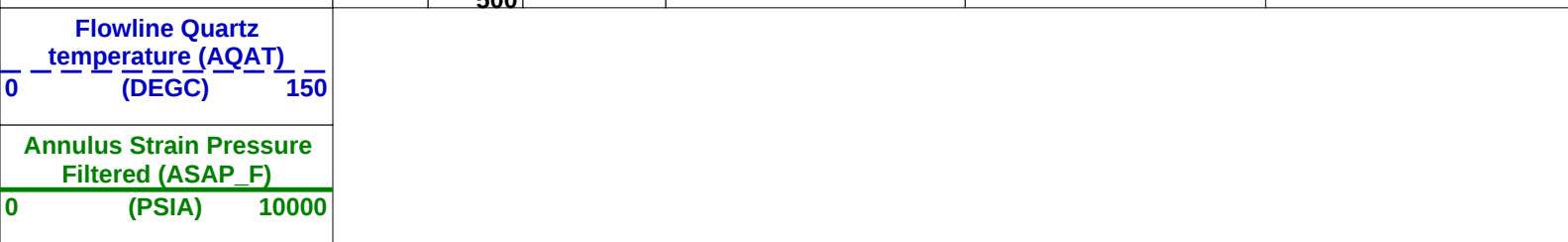
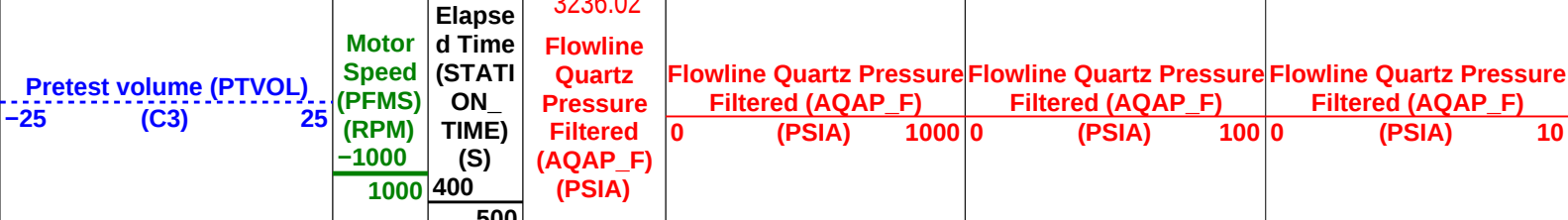
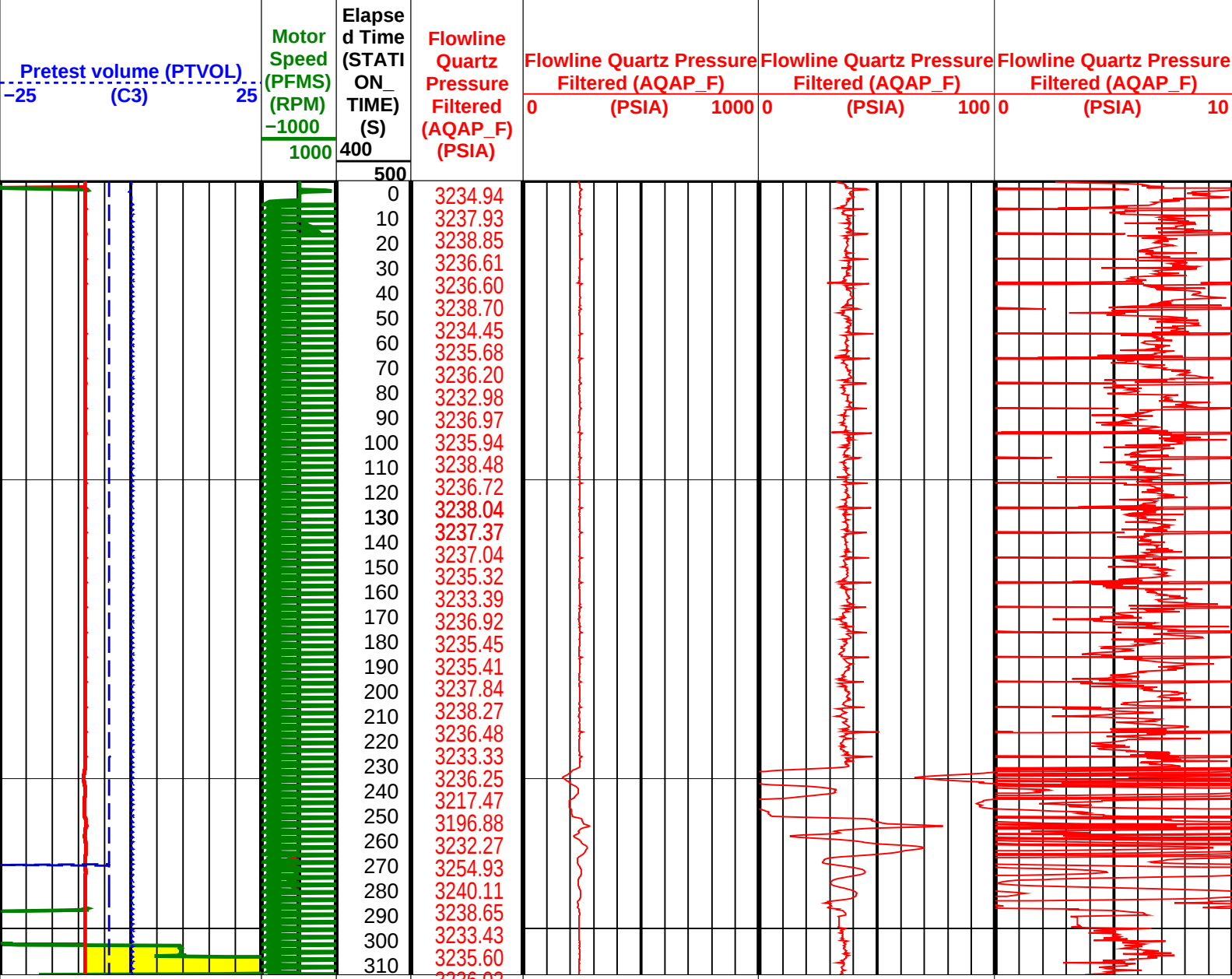
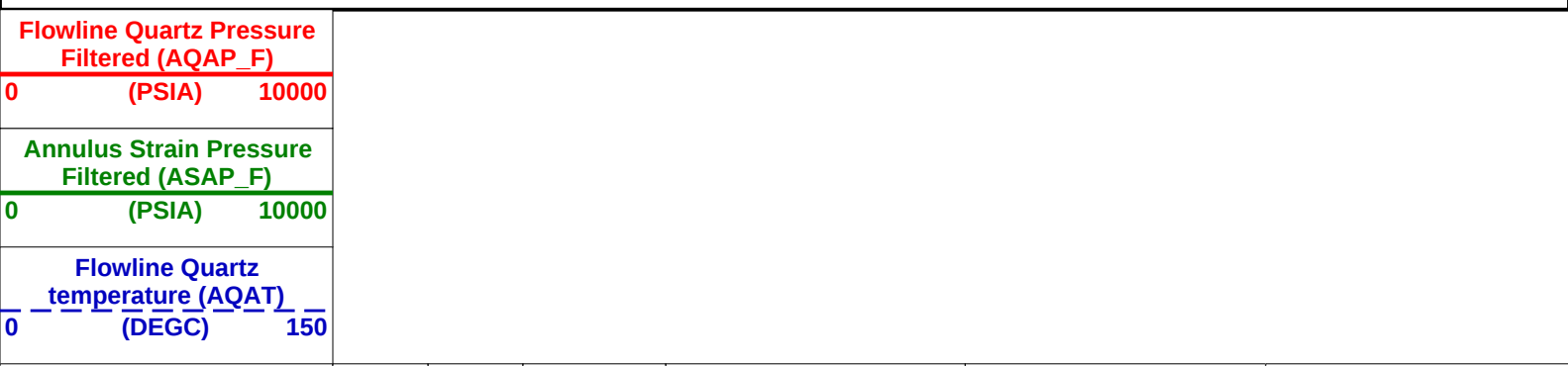


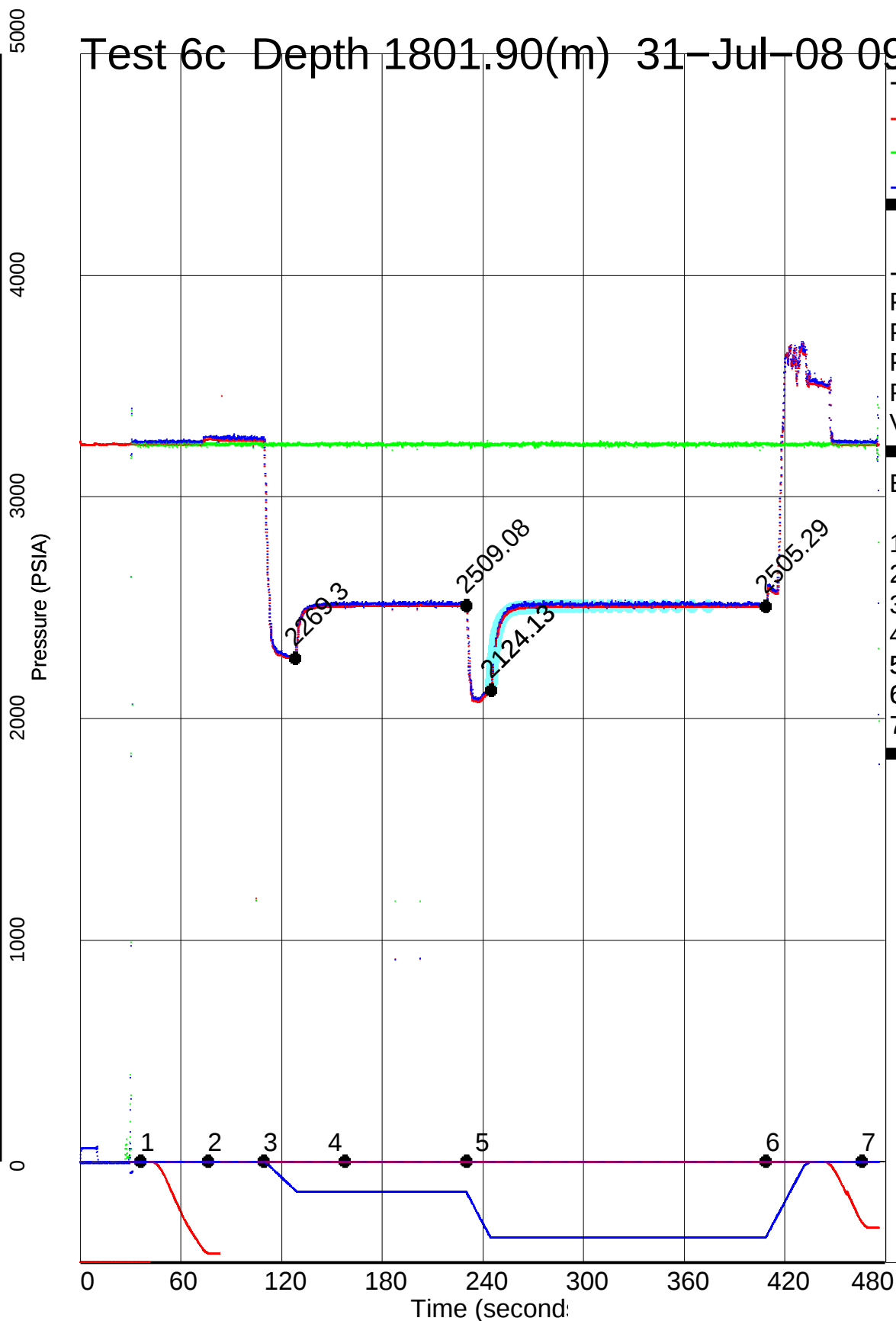
IDEAL Version: ID13_0C_08
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FPWD800-A id13_0c_02









Test 6c Depth 1801.90(m)
Test 6c Depth 1801.90(m)
Test 6c Depth 1801.90(m)
Test 6c Depth 1801.90(m)

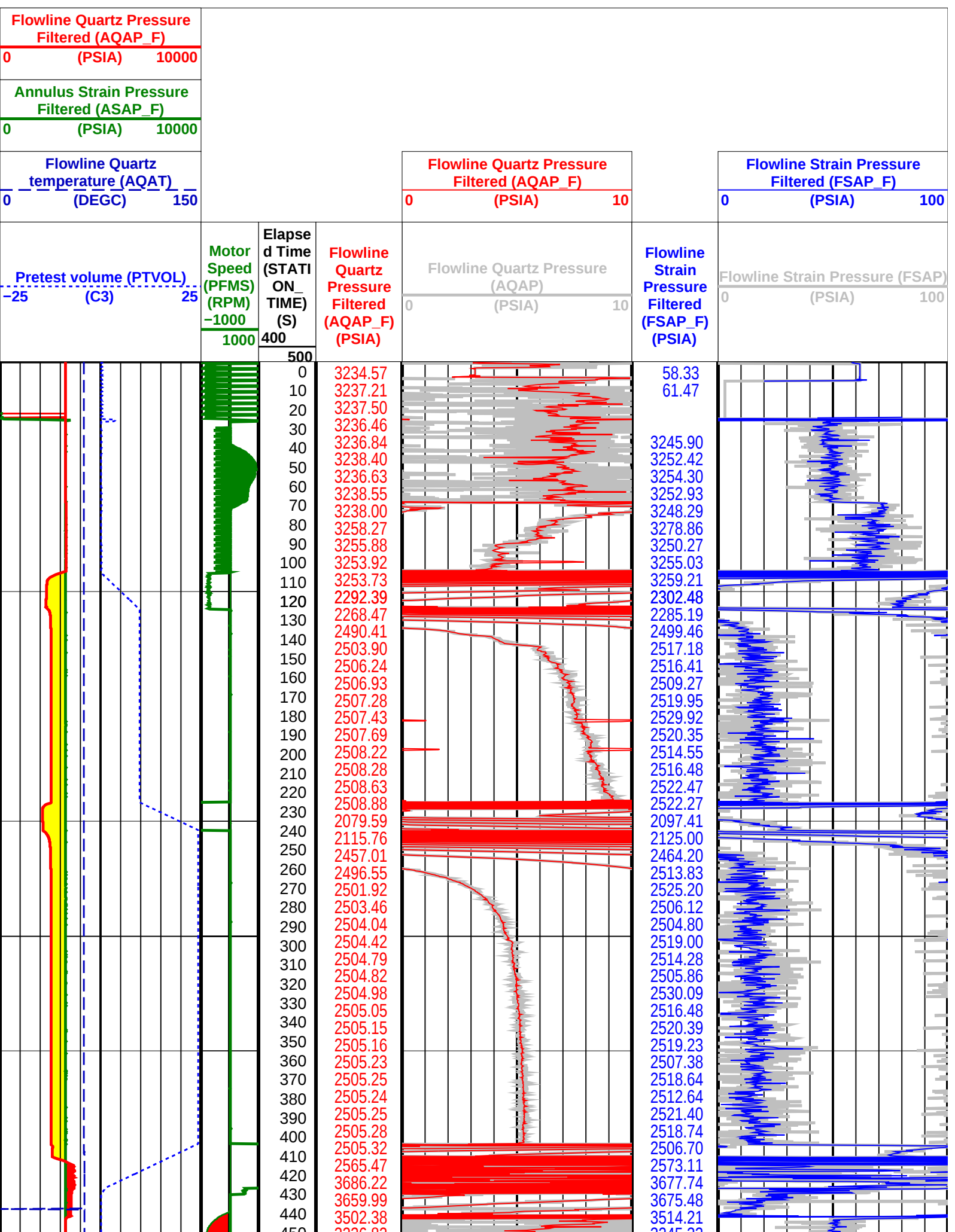
Test 6c Depth 1801.90(m)
PT1 DD picked @ 120
PT1 BU picked @ 230
PT2 DD picked @ 240
PT2 BU picked @ 400
Values with * were replicated

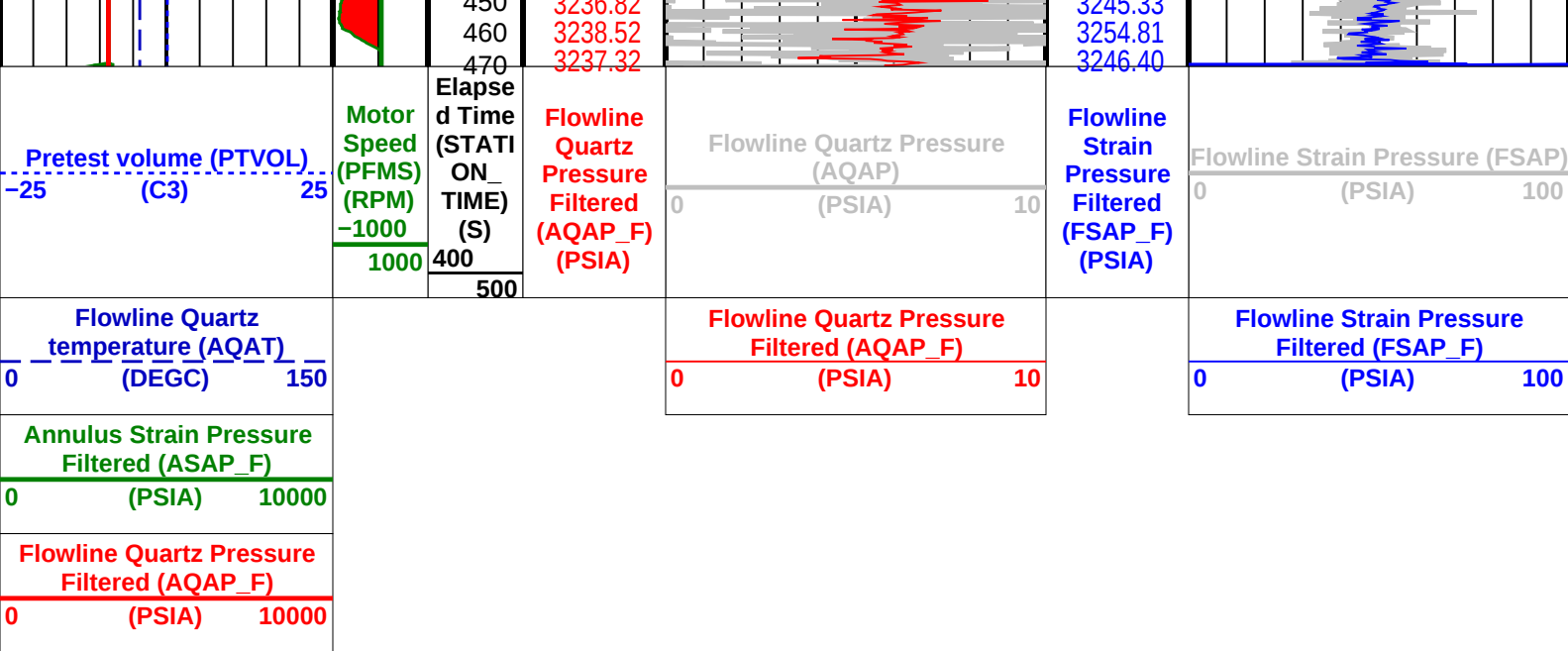
Event Summary

- 1 - Start set = 36.
- 2 - End set = 76.
- 3 - Start PT1 DD = 100
- 4 - End PT1 BU = 150
- 5 - Start Fin DD = 230
- 6 - End Fin BU = 400
- 7 - End Retract = 460

Wellsite StethoScope Test Summary

Test number: 13 Date: 31-Jul-08 Time: 09:34:18				Depth: 5911.72 (ft) TVD: 5539.92 (ft)					
Company Name (CN): Santos Ltd		Field Location(FL): Otway Basin		Well Name (WN): Netherby-1		Country(FL1):			
Field Name(FN): Otway		Well Number (API): N/A		County/Rig (COUN): Ocean Patriot		Depth Datum (PDAT): Mean Sea Level			
State/Province(STAT): Victoria		File Name: Run-03Tst13_1.CS_ETIME		Run number: 03		Test number: 13			
Test Date: 31-Jul-08 09:34:18		Depth Measured: 5911.72 (ft)		TVD: 5539.92 (ft)		Well Deviation: 35.12 (deg)			
Test Type: 0-C		Circulation Rate: 809.00 (gal/min)		Probe Orientation: 19.00 (deg)		Mud Weight: 11.10 (lb/g)			
Flowline quartz gauge offset: 3.19 (psia)		Flowline strain gauge offset: 2.84 (psia)		Wellbore quartz gauge offset: 3.19 (psia)		Bit Size: 12.25 (in)			
Caliper at test depth: Bit Size		Interpreted pretest type: Normal		Quartz gauge: ACQG		Strain gauge: Paine			
Tool: FPWD800_A									
Pretest 1 (Investigation Test) Drawdown Pressure: 2269.30 (psia)				Pretest 1 (Investigation Test) Build Pressure: 2509.08 (psia)					
Pretest 1 (Investigation Test) Drawdown Mobility: 10.62 (mD/cP)				Pretest 2 (Final Test) Drawdown Pressure: 2124.13 (psia)					
Pretest 2 (Final Test) Drawdown Pressure: 2124.13 (psia)				Pretest 2 (Final Test) Build Presure: 2505.29 (psia)					
Pretest 2 (Final Test) Build Presure: 2505.29 (psia)				One minute slope (Pretest 2) Buildup: 0.07 (psia/min)					
One minute slope (Pretest 2) Buildup: 0.07 (psia/min)				Pressure Variance (Pretest 2) Buildup: 0.11 (psia)					
Pressure Variance (Pretest 2) Buildup: 0.11 (psia)				Final Drawdown Mobility: 10.51 (mD/cP)					
Final Drawdown Mobility: 10.51 (mD/cP)				Pumps Off Test: No					
Pumps Off Test: No				** Parameters annotated as Picked were manually selected **					
** Parameters annotated as Picked were manually selected **				** Results were Recomputed using the picks **					
Well Pressure Before Test: 3236.87 (psia)				Well Pressure After Test: 3236.18 (psia)					
Well Pressure After Test: 3236.18 (psia)				Temperature Before Test: 62.30 (degc)					
Temperature Before Test: 62.30 (degc)				Temperature After Test: 62.39 (degc)					
Temperature After Test: 62.39 (degc)				Estimated Mud Compressibility: 0.00 (1/psia)					
Estimated Mud Compressibility: 0.00 (1/psia)				Pretest 6000 psi/current limit reached: No					
Pretest 6000 psi/current limit reached: No				Pretest 1 (Investigation test) Rate: 0.48 (cm3/s)					
Pretest 1 (Investigation test) Rate: 0.48 (cm3/s)				Pretest 1 (Investigation test) Volume: 9.54 (cm3)					
Pretest 1 (Investigation test) Volume: 9.54 (cm3)				Pretest 2 (Final Test) Rate: 0.99 (cm3/s)					
Pretest 2 (Final Test) Rate: 0.99 (cm3/s)				Pretest 2 (Final Test) Volume: 14.53 (cm3)					
Pretest 2 (Final Test) Volume: 14.53 (cm3)				Start Pretest 1 (Investigation Test) Drawdown: 128.38 (sec)					
Start Pretest 1 (Investigation Test) Drawdown: 128.38 (sec)				Start Pretest 1 (Investigation Test) Buildup: 230.38 (sec)					
Start Pretest 1 (Investigation Test) Buildup: 230.38 (sec)				Start Pretest 2 (Final Test) Drawdown: 244.88 (sec)					
Start Pretest 2 (Final Test) Drawdown: 244.88 (sec)				Start Pretest 2 (Final Test) Buildup: 408.88 (sec)					
Start Pretest 2 (Final Test) Buildup: 408.88 (sec)									
StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

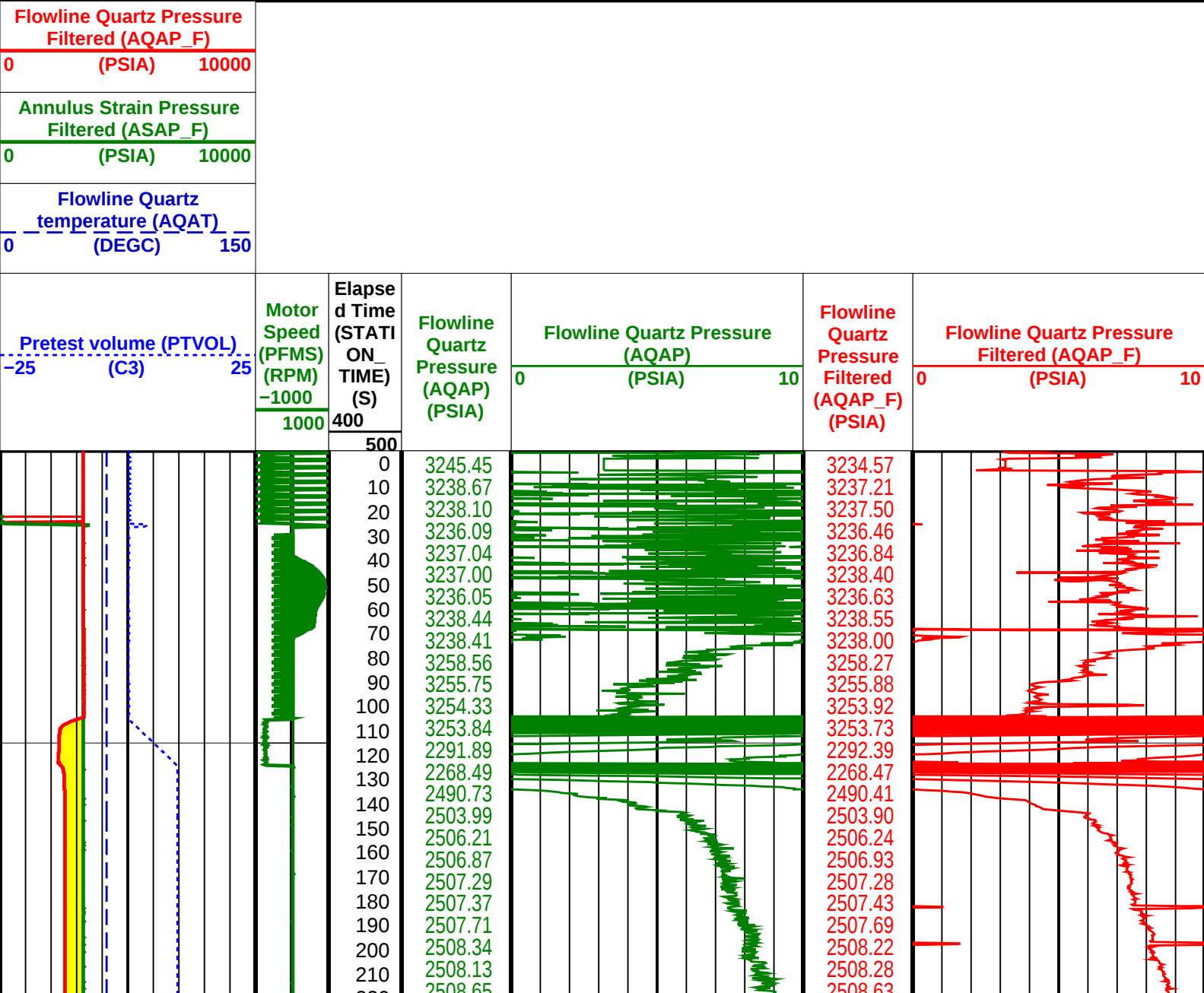


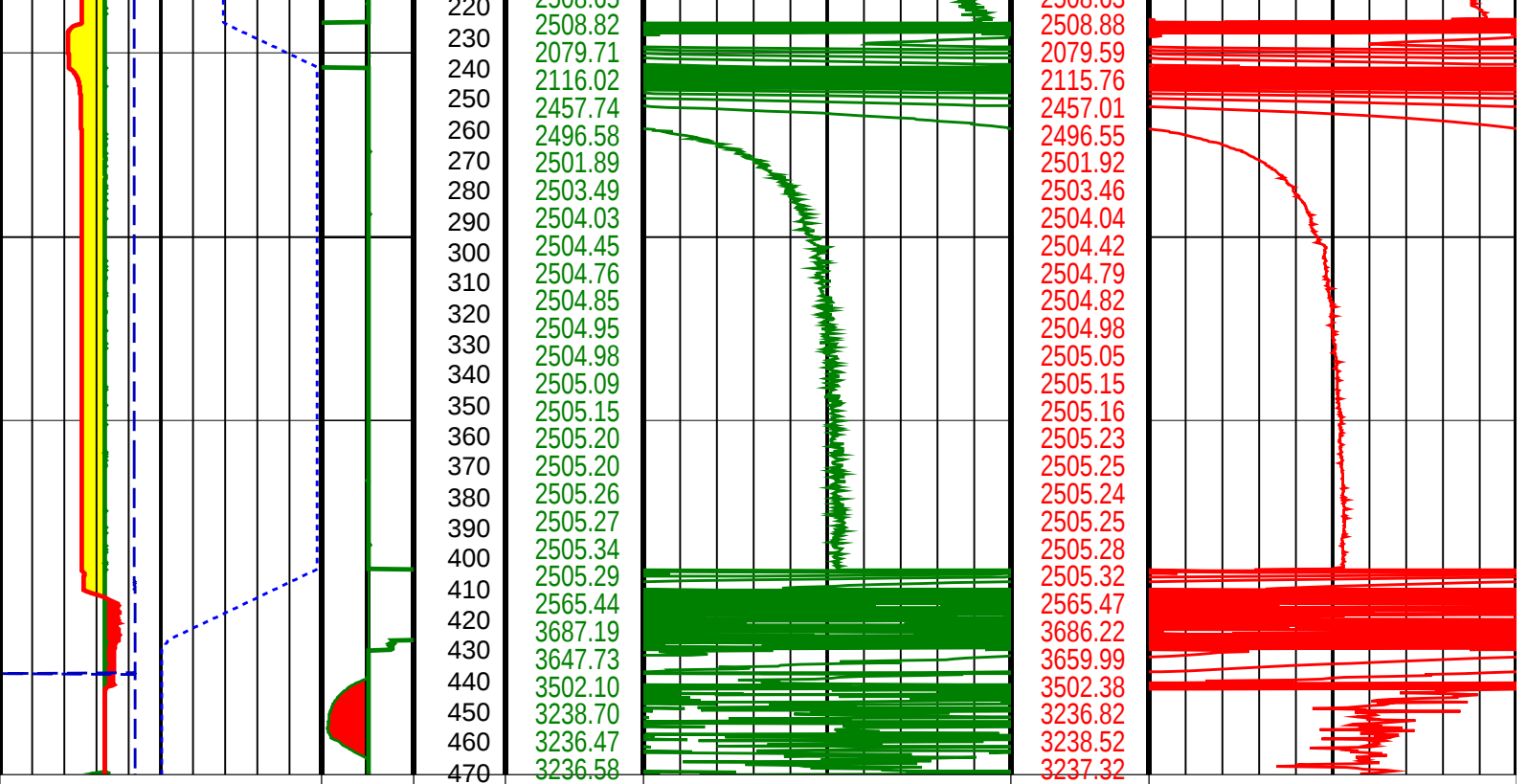


IDEAL Version: ID13_0C_08

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FPWD800-A id13_0c_02





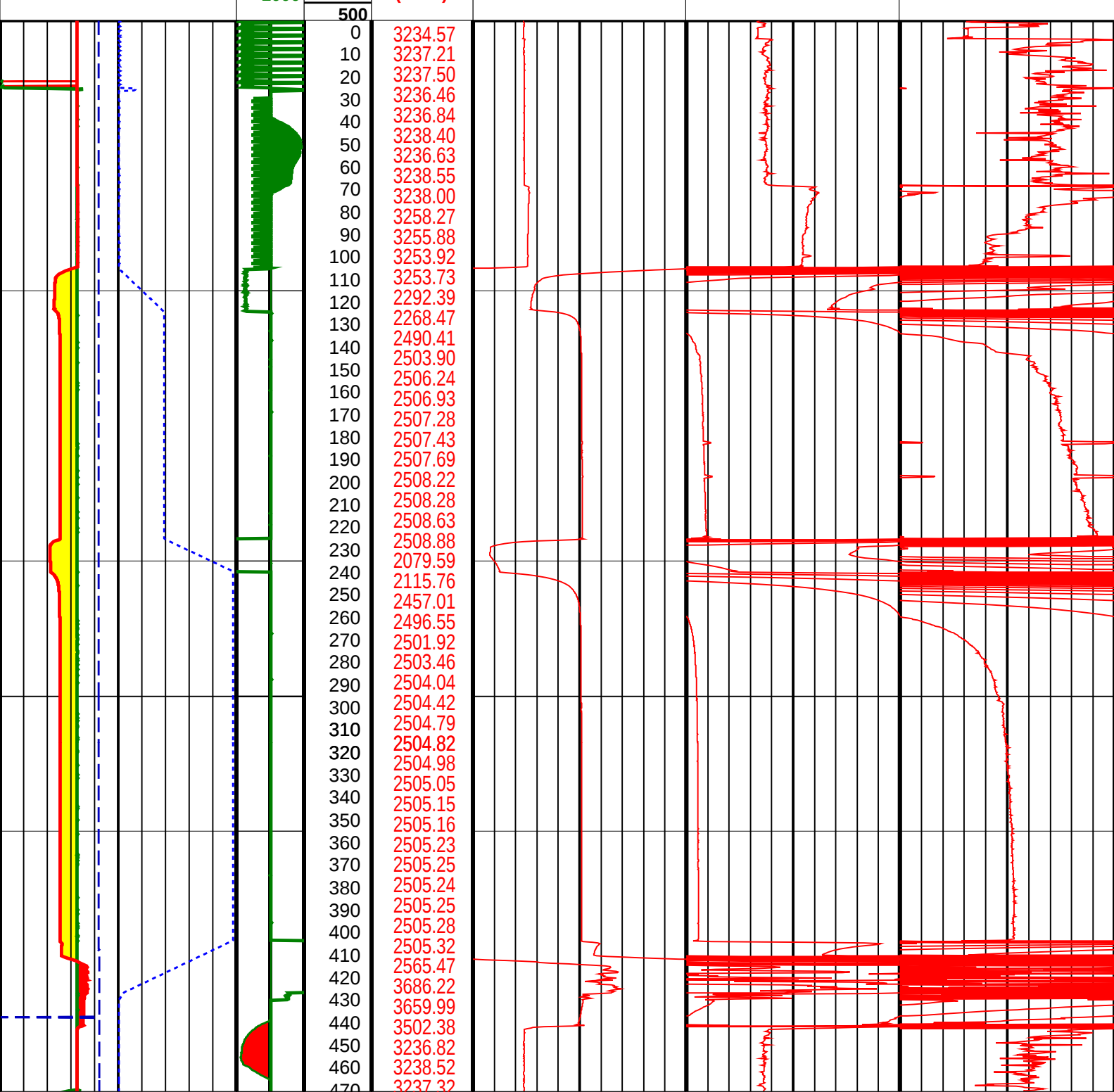
Pretest volume (PTVOL) (C3)	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
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Flowline Quartz temperature (AQAT) (DEGC) 0 150
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000

IDEAL Version: ID13_0C_08	
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FPWD800-A	id13_0c_02

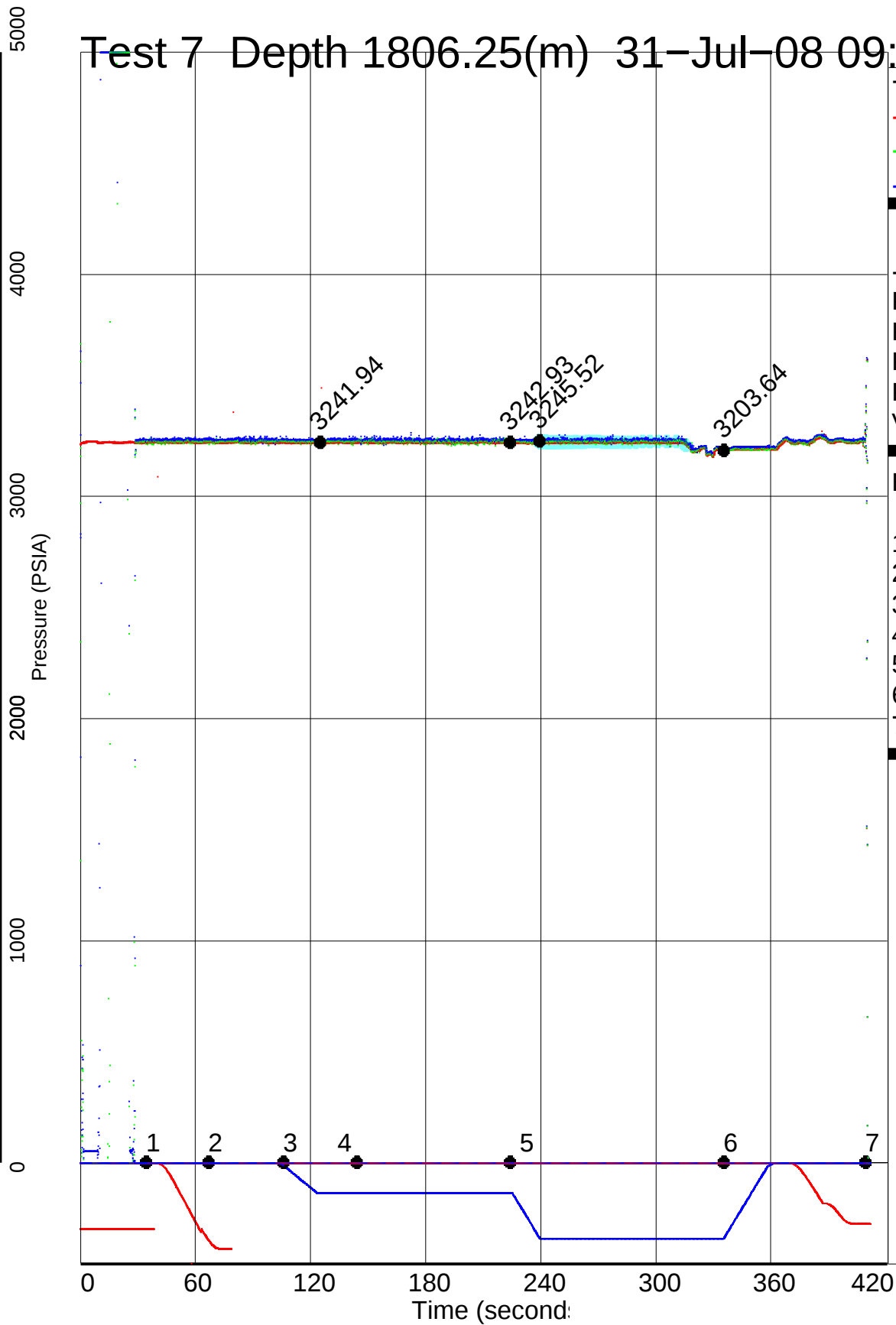
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000
Flowline Quartz temperature (AQAT) (DEGC) 0 150

Pretest volume (PTVOL) (C3)	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 1000	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 100	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
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Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 1000	Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 100	Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10
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Flowline Quartz temperature (AQAT) 0 (DEGC) 150
Annulus Strain Pressure Filtered (ASAP_F) 0 (PSIA) 10000
Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10000



Test 7 Depth 1806.25(m) 31-Jul-08 09:57:08

Test 7 Depth 1806.25(m)
Test 7 Depth 1806.25(m)
Test 7 Depth 1806.25(m)
Test 7 Depth 1806.25(m)

Test 7 Depth 1806.25(m)
PT1 DD picked @ 124
PT1 BU picked @ 223
PT2 DD picked @ 238
PT2 BU picked @ 334
Values with * were replicated

Event Summary

- 1 - Start set = 34.
- 2 - End set = 66.
- 3 - Start PT1 DD = 104
- 4 - End PT1 BU = 143
- 5 - Start Fin DD = 223
- 6 - End Fin BU = 334
- 7 - End Retract = 408

IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A

id13_0c_02

Wellsite StethoScope Test Summary

Test number: 14

Depth:

5025.00 (ft)

Test number:	14	Depth:	5925.99 (ft)
Date:	31-Jul-08	TVD:	5551.58 (ft)
Time:	09:57:08		

Company Name (CN):	Santos Ltd	Field Location(FL):	Otway Basin
Well Name (WN):	Netherby-1	Country(FL1):	
Field Name(FN):	Otway	Well Number (API):	N/A
County/Rig (COUN)	Ocean Patriot	Depth Datum (PDAT):	Mean Sea Level
State/Province(STAT):	Victoria	File Name:	Run-03Tst14_1.CS_ETIME
Run number:	03	Test number:	14
Test Date:	31-Jul-08 09:57:08	Depth Measured:	5925.99 (ft)
TVD:	5551.58 (ft)	Well Deviation:	35.13 (deg)
Test Type:	35.13 (deg)	Circulation Rate:	800.00 (gal/min)
Probe Orientation:	19.00 (deg)	Mud Weight:	11.10 (lb/g)
Flowline quartz gauge offset:	3.19 (psia)	Flowline strain gauge offset:	2.84 (psia)
Wellbore quartz gauge offset:	3.19 (psia)	Bit Size:	12.25 (in)
Caliper at test depth:	Bit Size	Interpreted pretest type:	Unknown
Quartz gauge:	ACQG	Strain gauge:	Paine
Tool:	EPWD800_A		

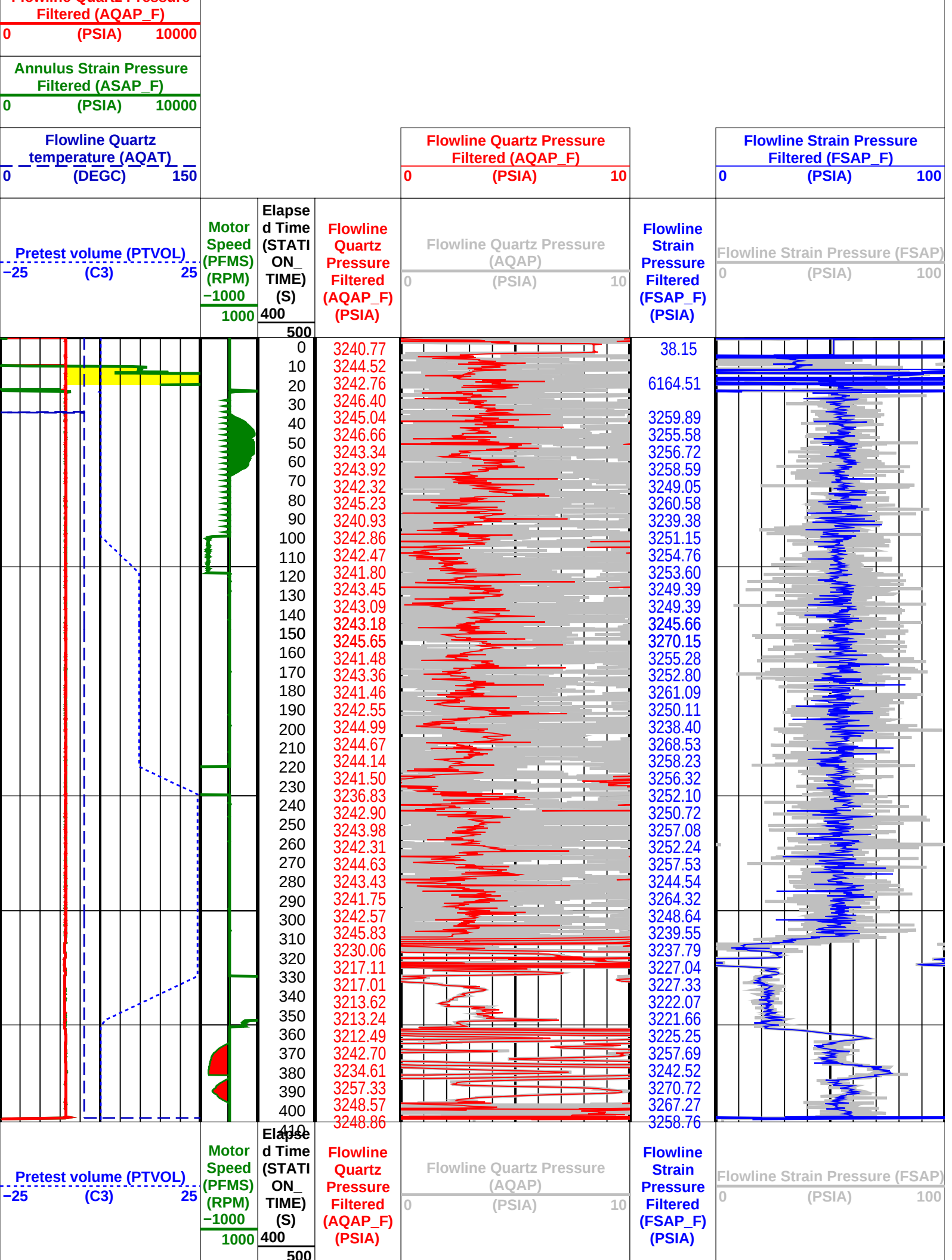
Pretest 1 (Investigation Test) Drawdown Pressure:	3241.94 (psia)
Pretest 1 (Investigation Test) Build Pressure:	3242.93 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	469.28 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	3245.52 (psia)
Pretest 2 (Final Test) Build Pressure:	3203.64 (psia)
One minute slope (Pretest 2) Buildup:	-29.95 (psia/min)
Pressure Variance (Pretest 2) Buildup:	13.22 (psia)
Final Drawdown Mobility:	0.00 (mD/cP)
Pumps Off Test:	No
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

Well Pressure Before Test:	3243.22 (psia)
Well Pressure After Test:	2850.96 (psia)
Temperature Before Test:	62.62 (degc)
Temperature After Test:	62.71 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.50 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.45 (cm3)
Pretest 2 (Final Test) Rate:	0.99 (cm3/s)
Pretest 2 (Final Test) Volume:	0.00 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	124.63 (sec)
Start Pretest 1 (Investigation Test) Buildup:	223.69 (sec)
Start Pretest 2 (Final Test) Drawdown:	238.81 (sec)
Start Pretest 2 (Final Test) Buildup:	334.63 (sec)

StethoScope Pretest Definitions

Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

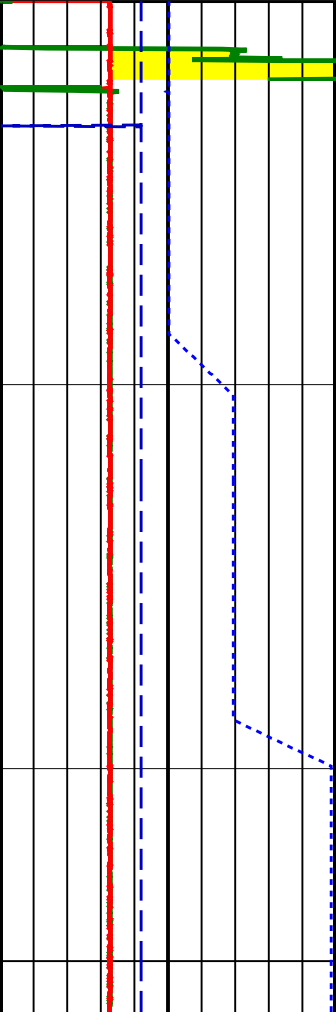
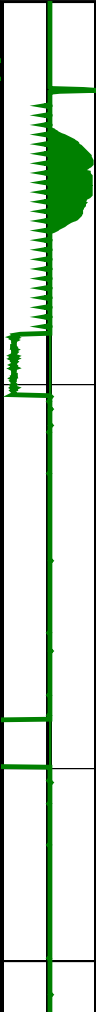
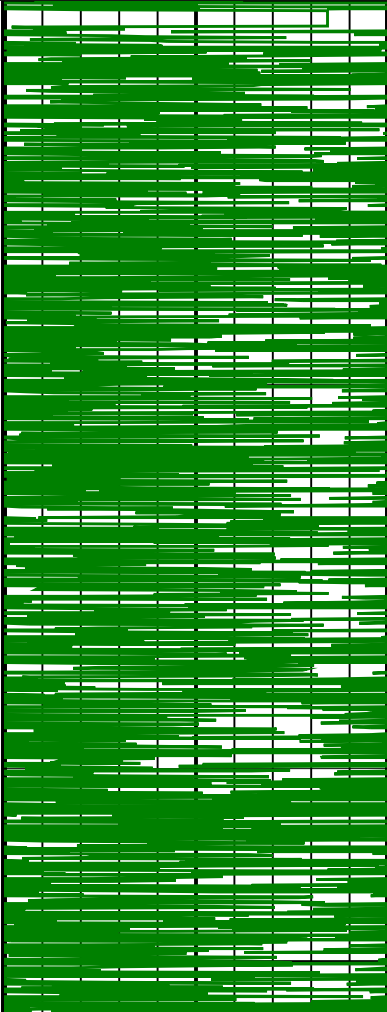
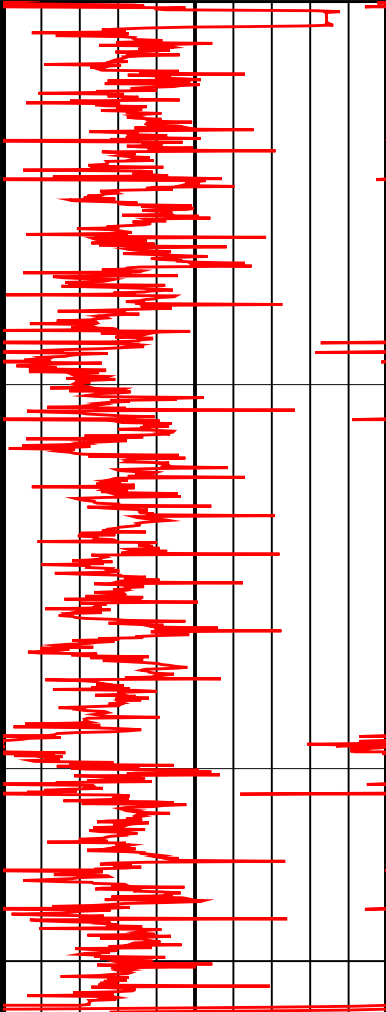
Flowline Quartz Pressure

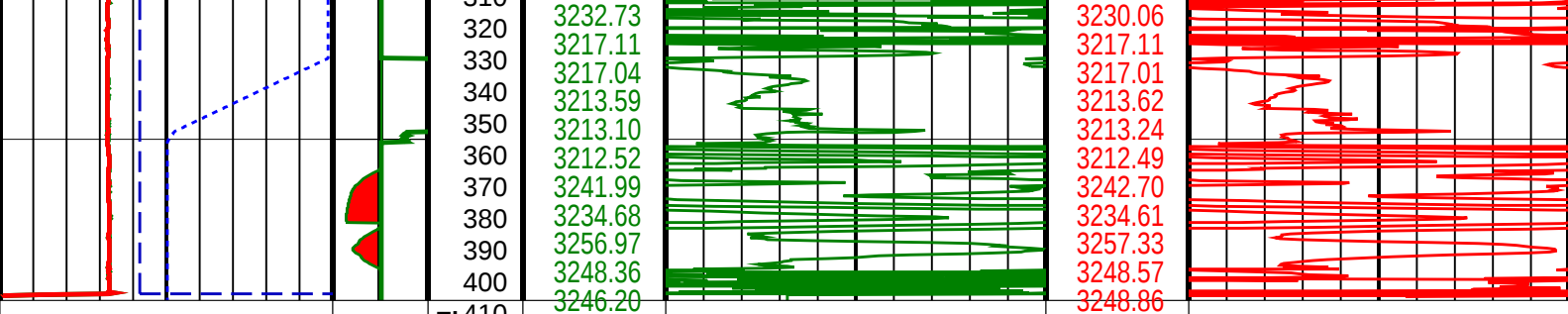


Flowline Quartz temperature (AQAT) 0 150 (DEGC)		Flowline Quartz Pressure Filtered (AQAP_F) 0 10 (PSIA)		Flowline Strain Pressure Filtered (FSAP_F) 0 100 (PSIA)
Annulus Strain Pressure Filtered (ASAP_F) 0 10000 (PSIA)				
Flowline Quartz Pressure Filtered (AQAP_F) 0 10000 (PSIA)				

IDEAL Version: ID13_0C_08 IDEAL				
FPWD800-A id13_0c_02				

Flowline Quartz Pressure Filtered (AQAP_F) 0 10000 (PSIA)	
Annulus Strain Pressure Filtered (ASAP_F) 0 10000 (PSIA)	
Flowline Quartz temperature (AQAT) 0 150 (DEGC)	

Pretest volume (PTVOL) -25 25 (C3)	Motor Speed (PFMS) (RPM) -1000 1000	Elapse d Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10
		0 10 20 30 40 50 60 70 80 90 100 110 120 130 140 150 160 170 180 190 200 210 220 230 240 250 260 270 280 290 300 310	3234.94 3243.42 3240.29 3244.22 3246.31 3242.41 3244.24 3243.06 3246.43 3244.64 3243.18 3242.25 3241.63 3239.58 3244.25 3243.46 3244.89 3244.64 3241.56 3245.70 3244.39 3246.71 3247.06 3246.50 3241.85 3240.52 3237.55 3243.40 3239.98 3239.61 3246.17 3241.51 3244.92 3242.21 3244.66		3240.77 3244.52 3242.76 3246.40 3245.04 3246.66 3243.34 3243.92 3242.32 3245.23 3240.93 3242.86 3242.47 3241.80 3243.45 3243.09 3243.18 3245.65 3241.48 3243.36 3241.46 3242.55 3244.99 3244.67 3244.14 3241.50 3236.83 3242.90 3243.98 3242.31 3244.63 3243.43 3241.75 3242.57 3245.83	



Pretest volume (PTVOL) (C3)		Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25 25		-1000	400		0 10	0 10
		1000	500			

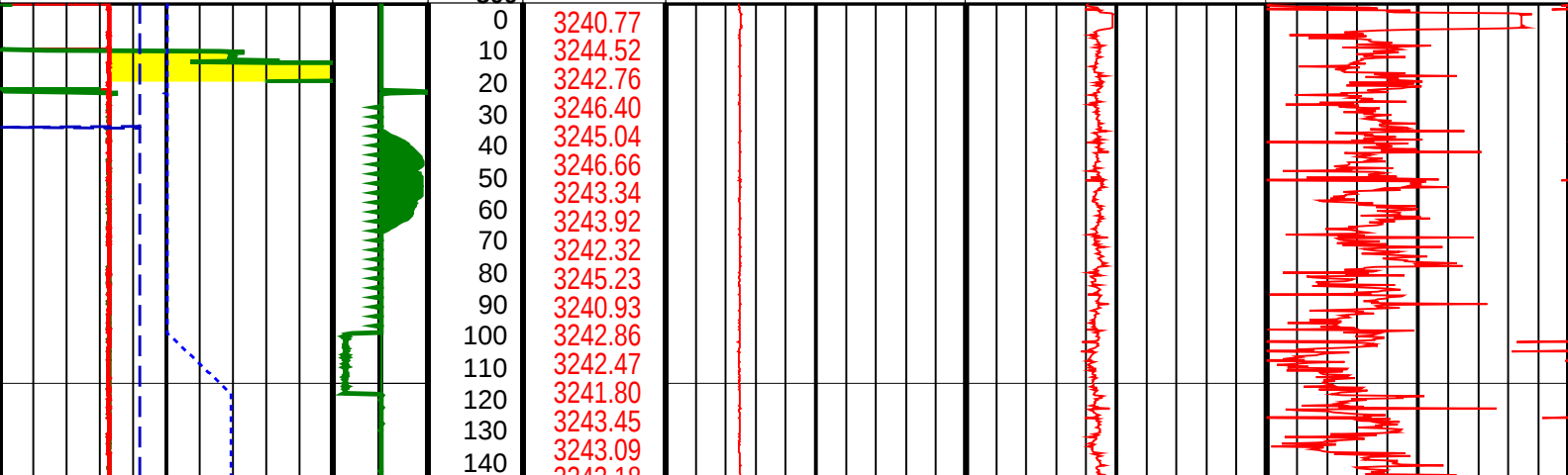
Flowline Quartz temperature (AQAT) (DEGC)						
0 150						
Annulus Strain Pressure Filtered (ASAP_F)						
0 10000						
Flowline Quartz Pressure Filtered (AQAP_F)						
0 10000						

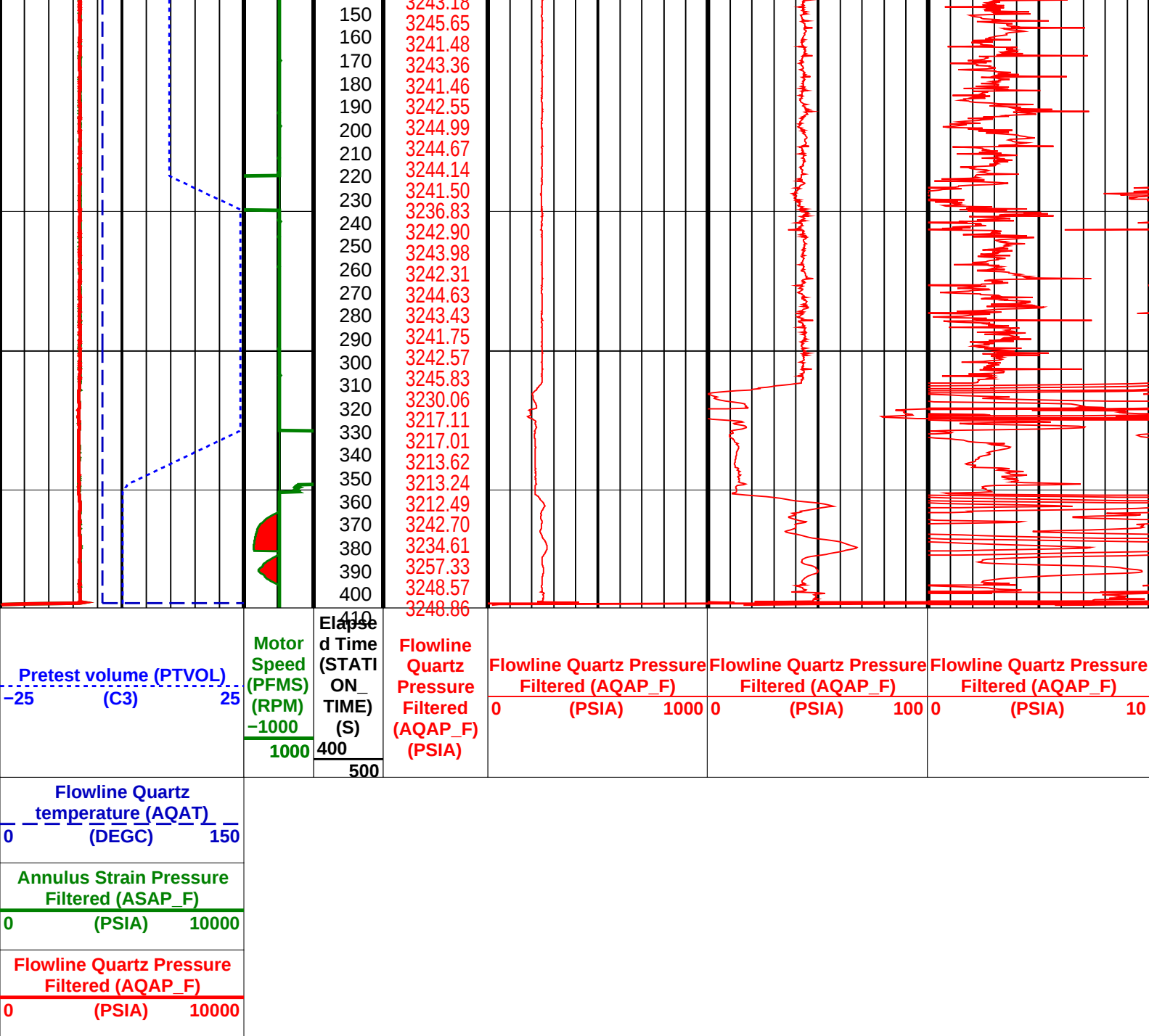
IDEAL Version: ID13_0C_08
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FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F)						
0 10000						
Annulus Strain Pressure Filtered (ASAP_F)						
0 10000						
Flowline Quartz temperature (AQAT) (DEGC)						
0 150						

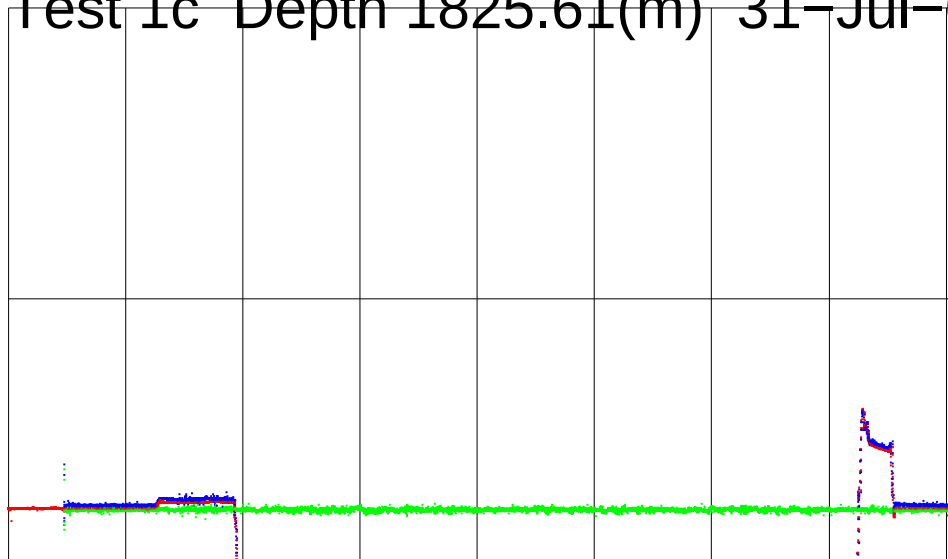
Pretest volume (PTVOL) (C3)		Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
-25 25		-1000	400		0 1000	0 100
		1000	500			0 10





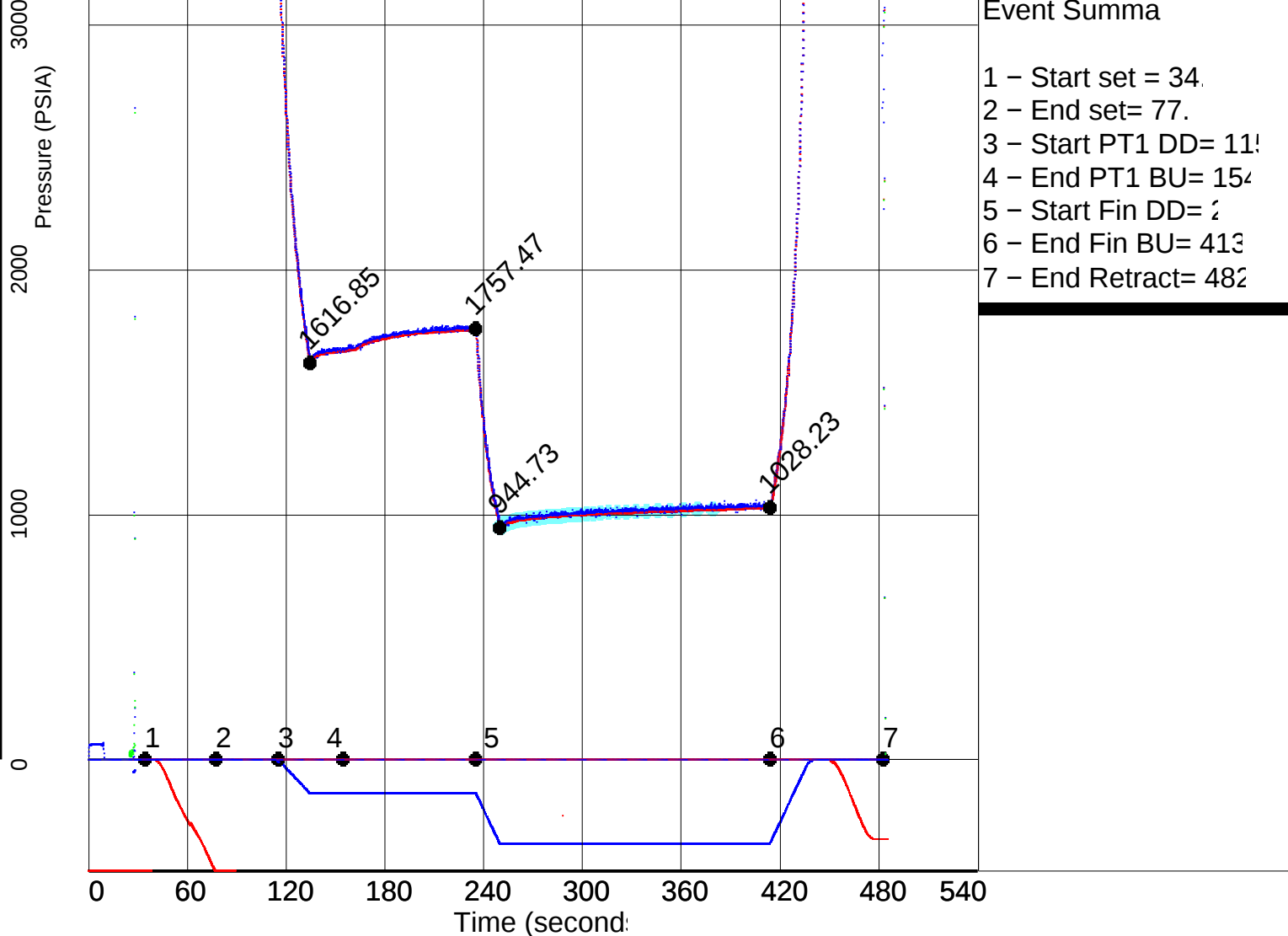
5000
4000

Test 1c Depth 1825.61(m) 31-Jul-08 10:43:05



Test 1c Depth 1825.61(m)
Test 1c Depth 1825.61(m)
Test 1c Depth 1825.61(m)
Test 1c Depth 1825.61(m)

Test 1c Depth 1825.61(m)
PT1 DD picked @ 13s
PT1 BU picked @ 23s
PT2 DD picked @ 24s
PT2 BU picked @ 41s
Values with * were replicated



Event Summary

- 1 – Start set = 34
- 2 – End set= 77
- 3 – Start PT1 DD= 11!
- 4 – End PT1 BU= 154
- 5 – Start Fin DD= 2
- 6 – End Fin BU= 413
- 7 – End Retract= 482

IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 15	Depth: 5989.52 (ft)
Date: 31-Jul-08	TVD: 5603.48 (ft)
Time: 10:43:05	

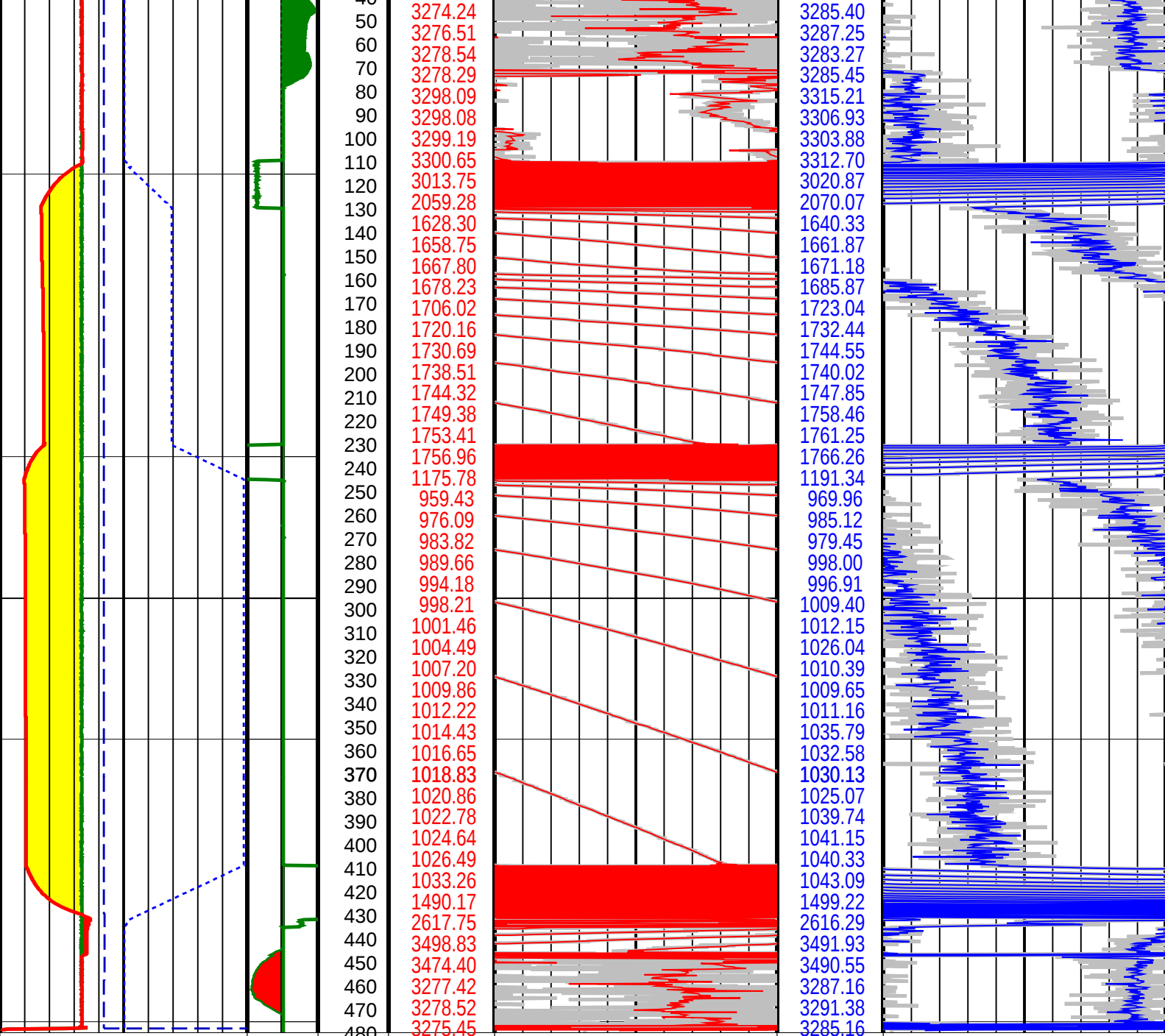
Company Name (CN): Santos Ltd	Field Location(FL): Otway Basin
Well Name (WN): Netherby-1	Country(FL1): N/A
Field Name(FN): Otway	Well Number (API): Mean Sea Level
County/Rig (COUN): Ocean Patriot	Depth Datum (PDAT): Run-03Tst15_1.CS_ITIME
State/Province(STAT): Victoria	File Name: 15
Run number: 03	Test number: 15
Test Date: 31-Jul-08 10:43:05	Depth Measured: 5989.52 (ft)
TVD: 5603.48 (ft)	Well Deviation: 35.21 (deg)
Test Type: 35.21 (deg)	Circulation Rate: 800.00 (gal/min)
Probe Orientation: 13.00 (deg)	Mud Weight: 11.10 (lb/g)
Flowline quartz gauge offset: 3.18 (psia)	Flowline strain gauge offset: 2.84 (psia)
Wellbore quartz gauge offset: 3.18 (psia)	Bit Size: 12.25 (in)
Caliper at test depth: Bit Size	Interpreted pretest type: Unknown
Quartz gauge: ACQG	Strain gauge: Paine
Tool: FPWD800_A	

Pretest 1 (Investigation Test) Drawdown Pressure:	1616.85 (psia)
Pretest 1 (Investigation Test) Build Pressure:	1757.47 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	1.86 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	944.73 (psia)
Pretest 2 (Final Test) Build Pressure:	1028.23 (psia)
One minute slope (Pretest 2) Buildup:	12.16 (psia/min)

Pressure Variance (Pretest 2) Buildup:	0.04 (psia)
Final Drawdown Mobility:	3.70 (mD/cP)
Pumps Off Test:	No
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	
Well Pressure Before Test:	3277.50 (psia)
Well Pressure After Test:	2869.92 (psia)
Temperature Before Test:	62.63 (degc)
Temperature After Test:	62.76 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.47 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.23 (cm3)
Pretest 2 (Final Test) Rate:	0.98 (cm3/s)
Pretest 2 (Final Test) Volume:	2.81 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	134.31 (sec)
Start Pretest 1 (Investigation Test) Buildup:	235.00 (sec)
Start Pretest 2 (Final Test) Drawdown:	249.81 (sec)
Start Pretest 2 (Final Test) Buildup:	413.75 (sec)

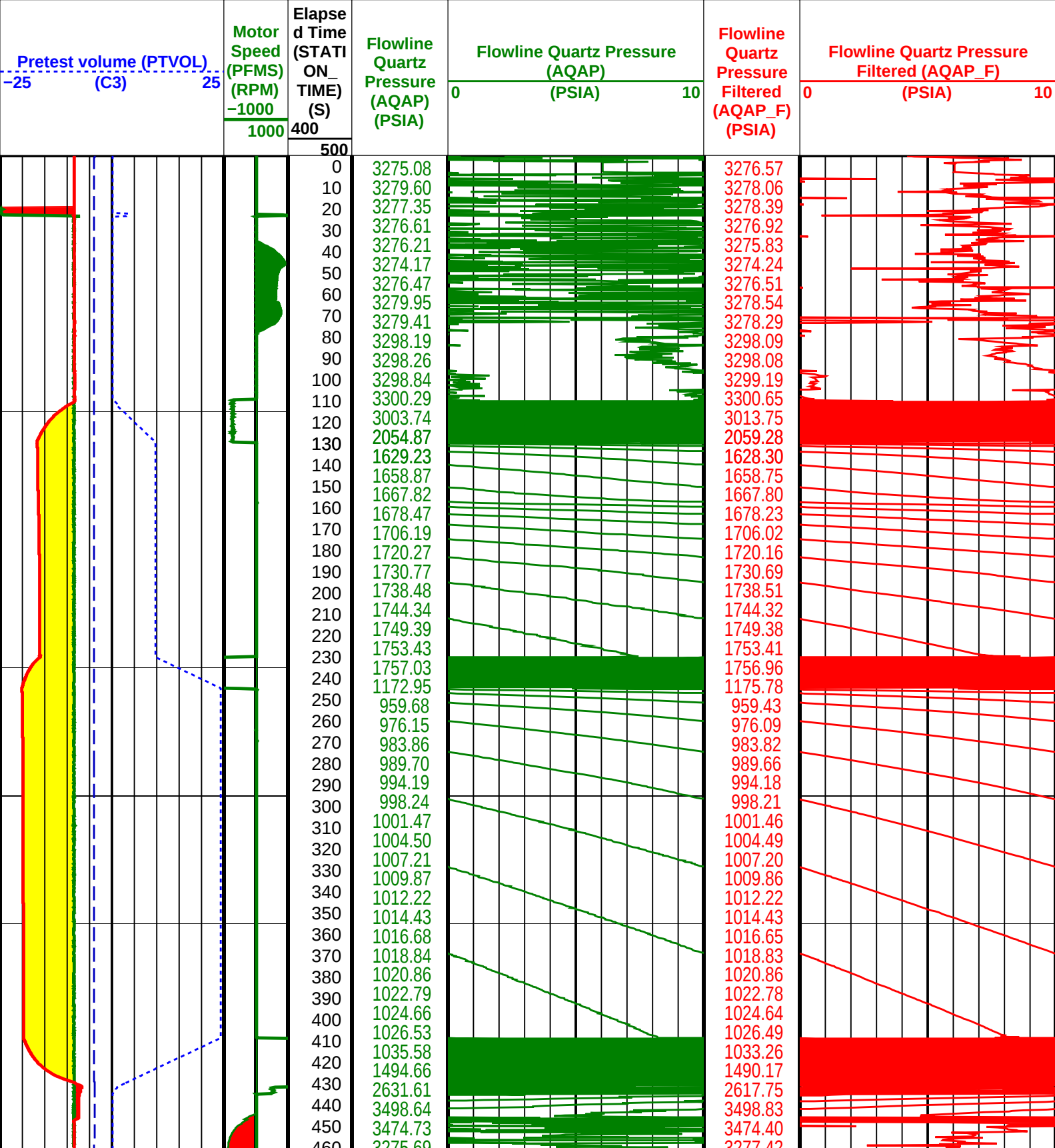
StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

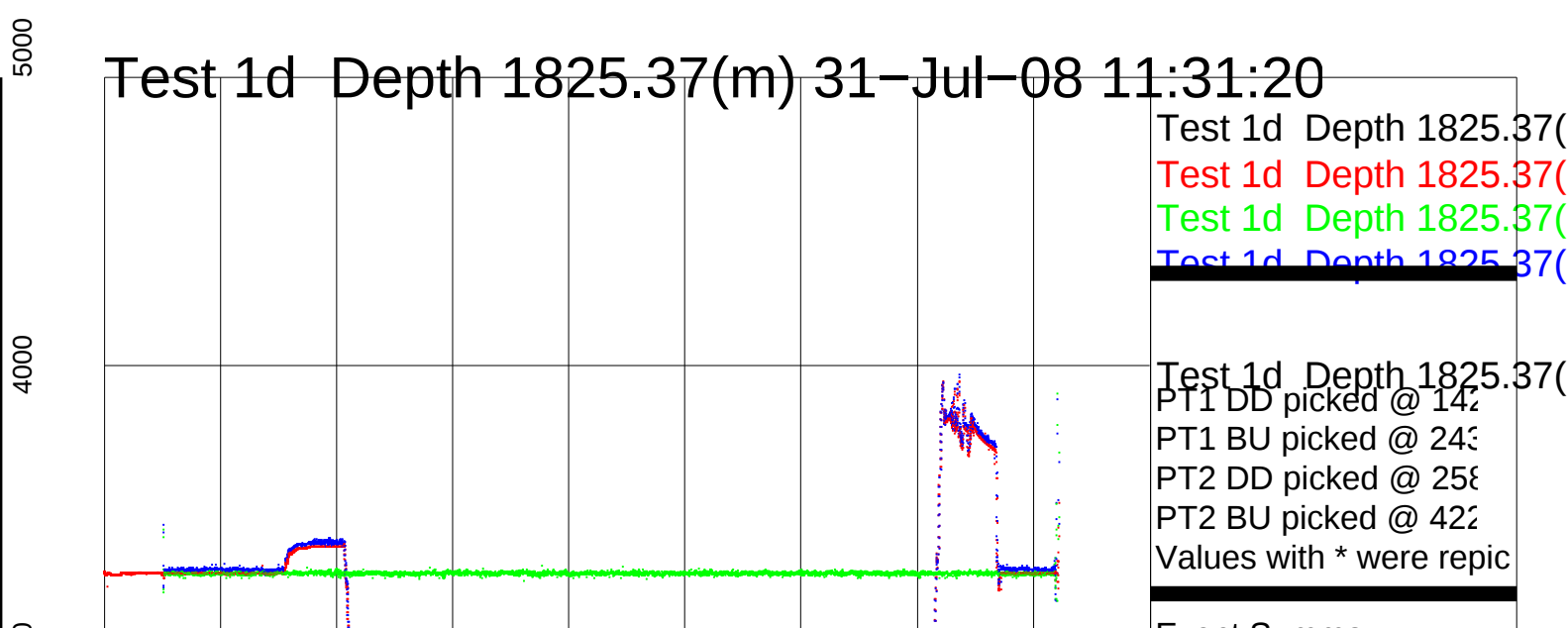
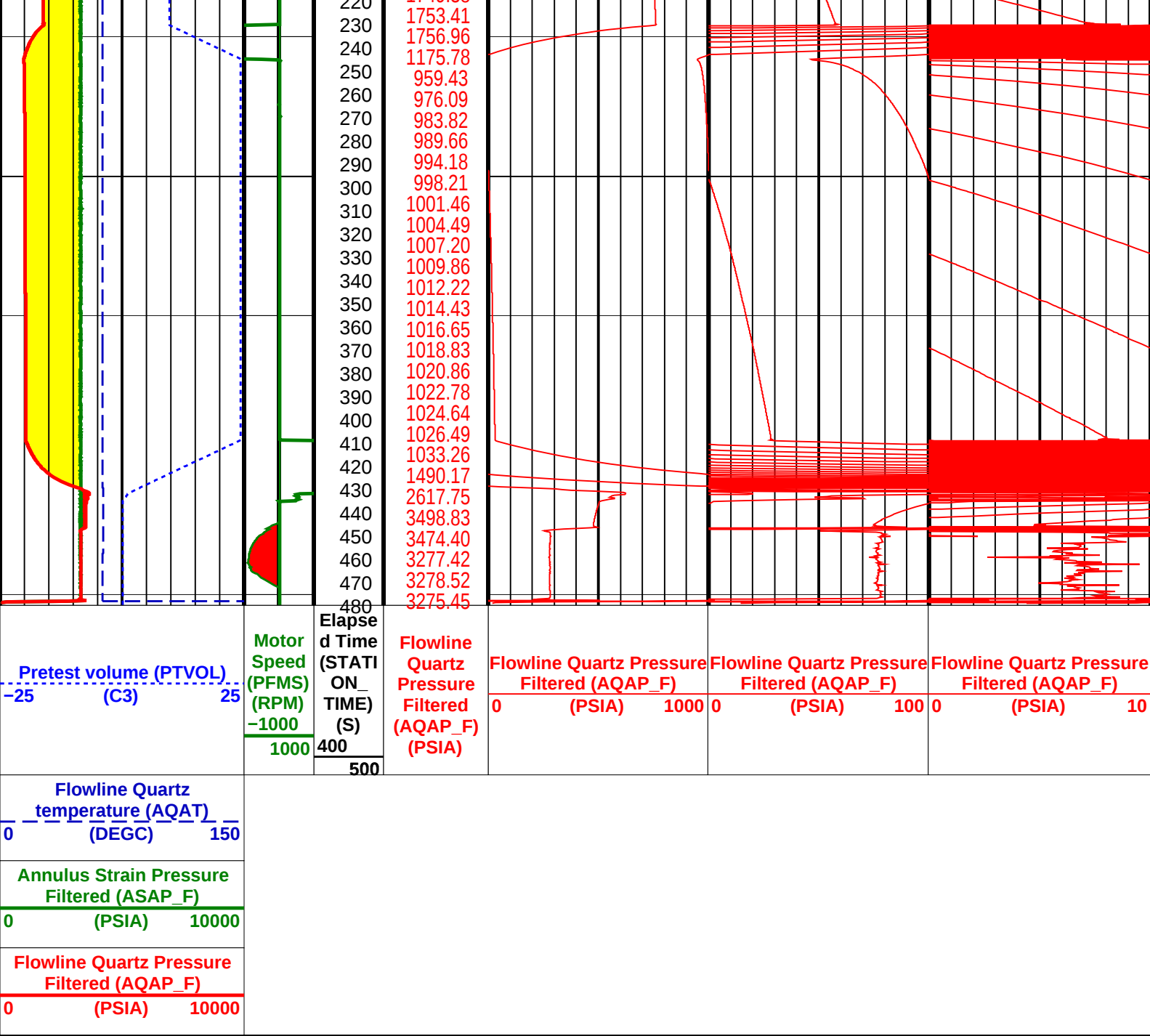
Flowline Quartz Pressure Filtered (AQAP_F)		0 (PSIA) 10000	
Annulus Strain Pressure Filtered (ASAP_F)		0 (PSIA) 10000	
Flowline Quartz temperature (AQAT)		0 (DEGC) 150	
			Flowline Quartz Pressure Filtered (AQAP_F) 0 (PSIA) 10
			Flowline Strain Pressure Filtered (FSAP_F) 0 (PSIA) 100
Pretest volume (PTVOL) -25 (C3) 25			
	Motor Speed (PFMS) (RPM)	Elapse d Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)
	-1000	400	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)
	1000	500	Flowline Strain Pressure (FSAP) 0 (PSIA) 100
		0	3276.57
		10	3278.06
		20	3278.39
		30	3276.92
		40	3275.83
			58.34
			33.93
			3290.42

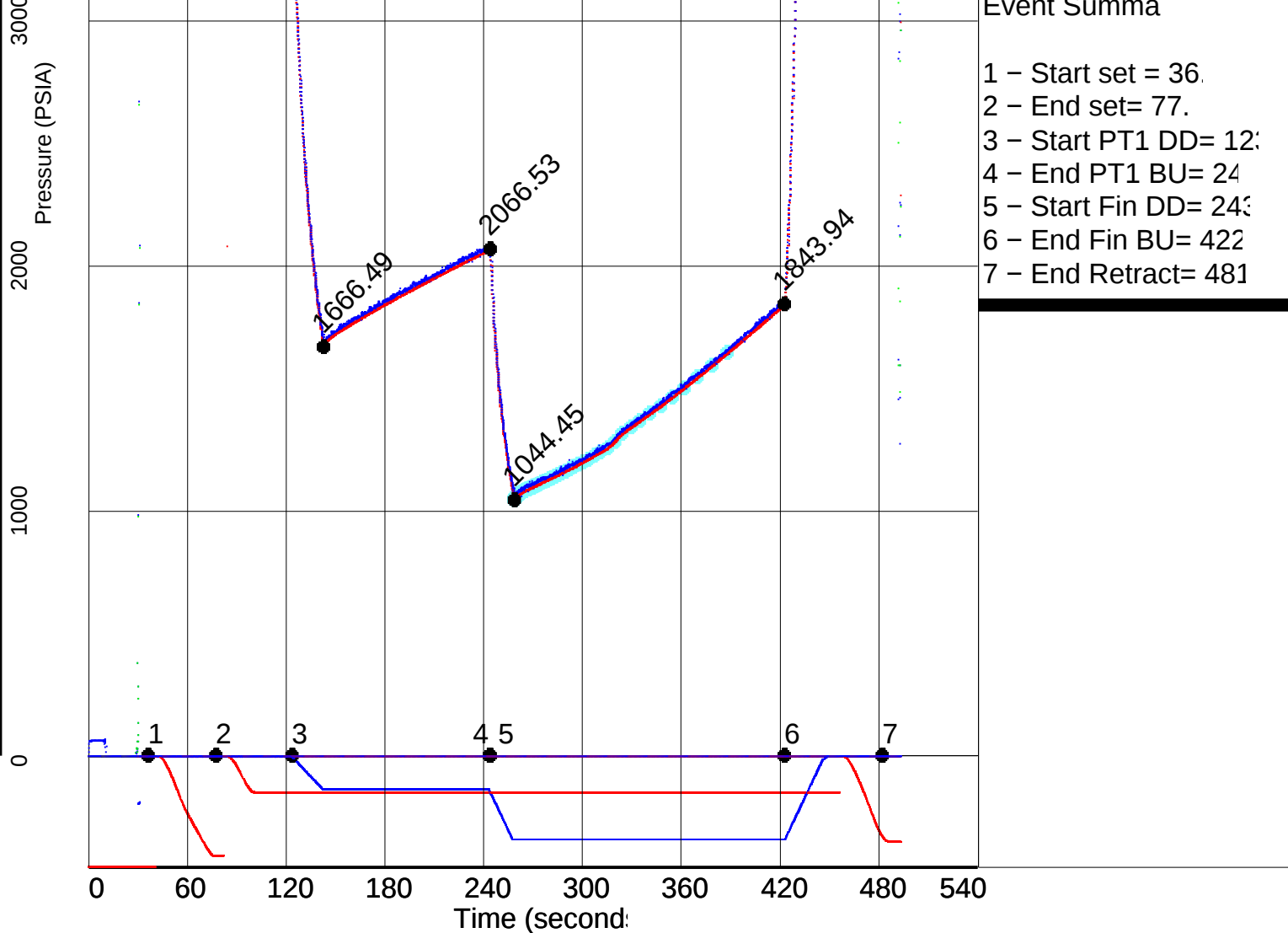


Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 0 10		Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA) 0 100	
Flowline Quartz temperature (AQAT) (DEGC) 0 150					Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10			Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 0 100	
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 0 10000									
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 0 10000									

Flowline Quartz Pressure Filtered (AQAP_F)		
0 (PSIA) 10000		
Annulus Strain Pressure Filtered (ASAP_F)		
0 (PSIA) 10000		
Flowline Quartz temperature (AQAT)		
0 (DEGC) 150		







Event Summary

1 – Start set = 36.

2 – End set= 77.

3 – Start PT1 DD= 12.

4 – End PT1 BU= 24.

5 – Start Fin DD= 24.

6 – End Fin BU= 422.

7 – End Retract= 481.

IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 16 Depth: 5988.73 (ft)

Date: 31-Jul-08 TVD: 5602.84 (ft)

Time: 11:31:20

Company Name (CN): Santos Ltd	Field Location(FL): Otway Basin
Well Name (WN): Netherby-1	Country(FL1): N/A
Field Name(FN): Otway	Well Number (API): Mean Sea Level
County/Rig (COUN): Ocean Patriot	Depth Datum (PDAT): Run-03Tst16_1.CS_ETIME
State/Province(STAT): Victoria	File Name: 16
Run number: 03	Test number: 16
Test Date: 31-Jul-08 11:31:20	Depth Measured: 5988.73 (ft)
TVD: 5602.84 (ft)	Well Deviation: 35.21 (deg)
Test Type: 0-C	Circulation Rate: 813.00 (gal/min)
Probe Orientation: 19.00 (deg)	Mud Weight: 11.10 (lb/g)
Flowline quartz gauge offset: 3.18 (psia)	Flowline strain gauge offset: 2.84 (psia)
Wellbore quartz gauge offset: 3.18 (psia)	Bit Size: 12.25 (in)
Caliper at test depth: Bit Size	Interpreted pretest type: Normal
Quartz gauge: ACQG	Strain gauge: Paine
Tool: FPWD800_A	

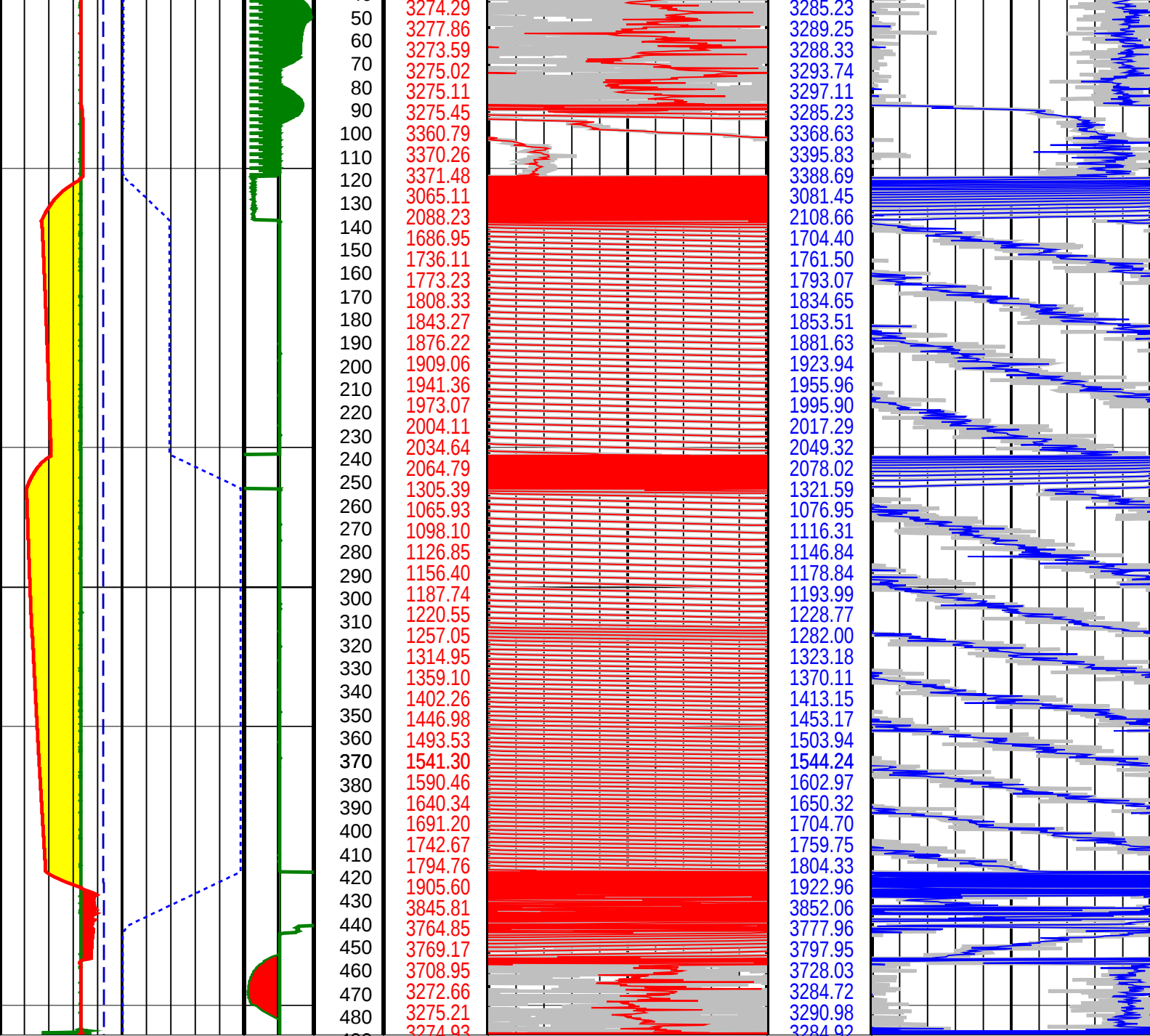
Pretest 1 (Investigation Test) Drawdown Pressure:	1666.49 (psia)
Pretest 1 (Investigation Test) Build Pressure:	2066.53 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	1.06 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	1044.45 (psia)
Pretest 2 (Final Test) Build Pressure:	1843.94 (psia)
One minute slope (Pretest 2) Buildup:	347.01 (psia/min)

0.08 (psia)
0.82 (mD/cP)
No

Well Pressure Before Test:	3276.70 (psia)
Well Pressure After Test:	3275.33 (psia)
Temperature Before Test:	63.14 (degc)
Temperature After Test:	63.23 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.50 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.48 (cm3)
Pretest 2 (Final Test) Rate:	0.99 (cm3/s)
Pretest 2 (Final Test) Volume:	12.75 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	142.69 (sec)
Start Pretest 1 (Investigation Test) Buildup:	243.56 (sec)
Start Pretest 2 (Final Test) Drawdown:	258.31 (sec)
Start Pretest 2 (Final Test) Buildup:	422.44 (sec)

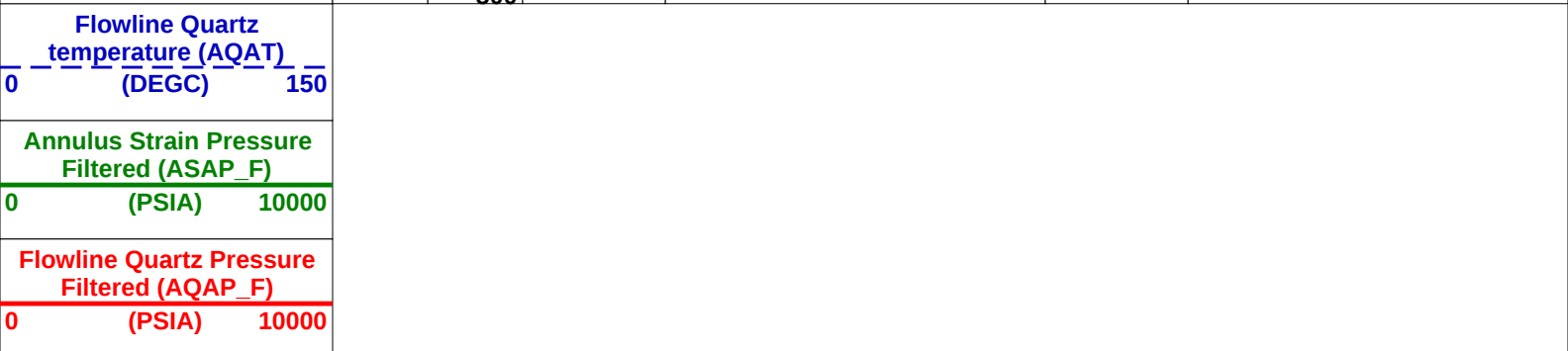
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)		Annulus Strain Pressure Filtered (ASAP_F)		Flowline Quartz temperature (AQAT)		Flowline Quartz Pressure Filtered (AQAP_F)		Flowline Strain Pressure Filtered (FSAP_F)	
0	(PSIA)	10000		0	(PSIA)	150	0	(PSIA)	100
Pretest volume (PTVOL)		Motor Speed (PFMS) (RPM)	Elapsed Time (STATI ON TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP)			
-25	(C3)	-1000	400	0	10	0	100		
25		1000	500						
			0	3274.48	58.34				
			10	3277.10	61.07				
			20	3278.77					
			30	3275.62					
			40	3279.02	3294.36				

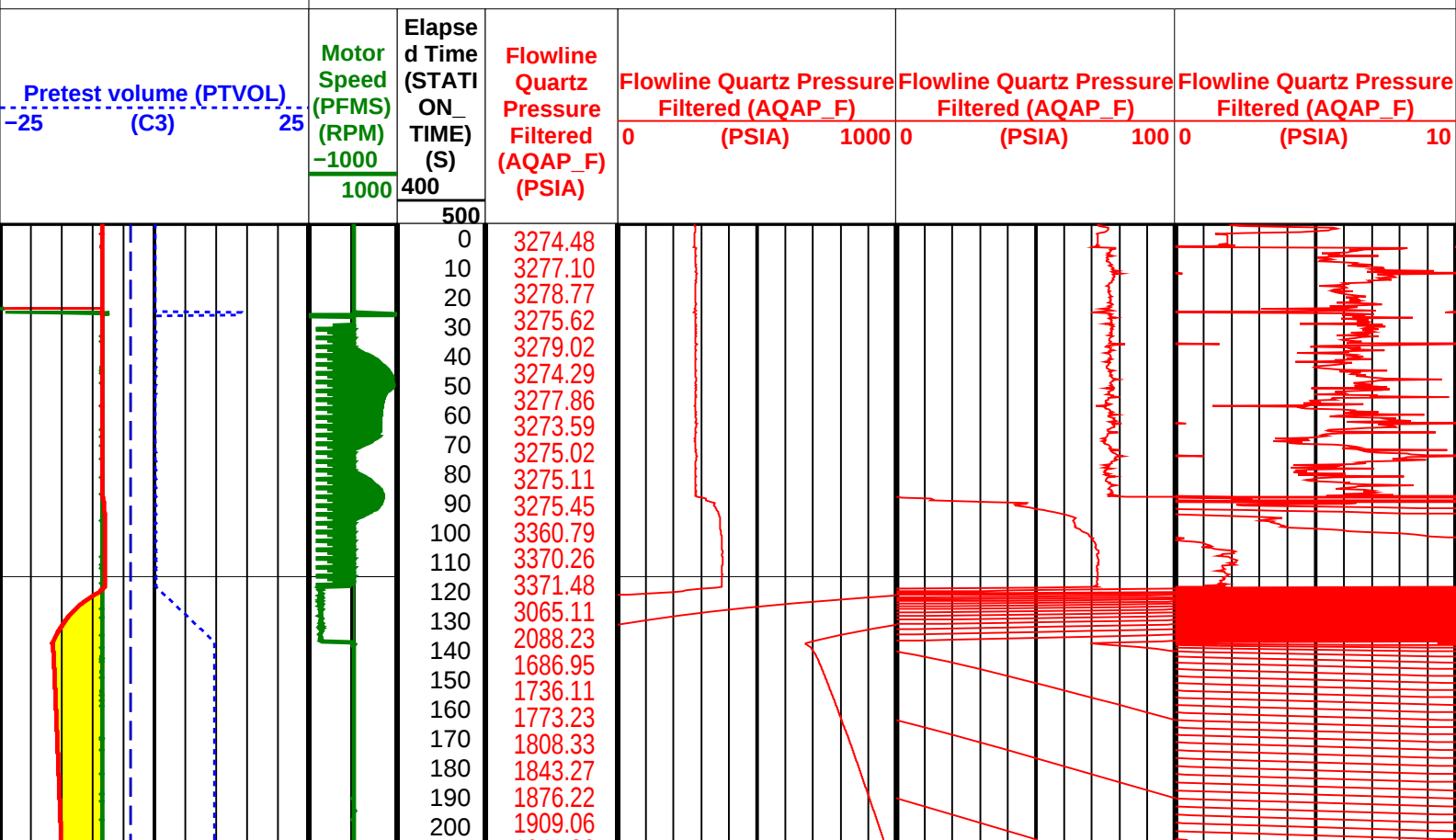


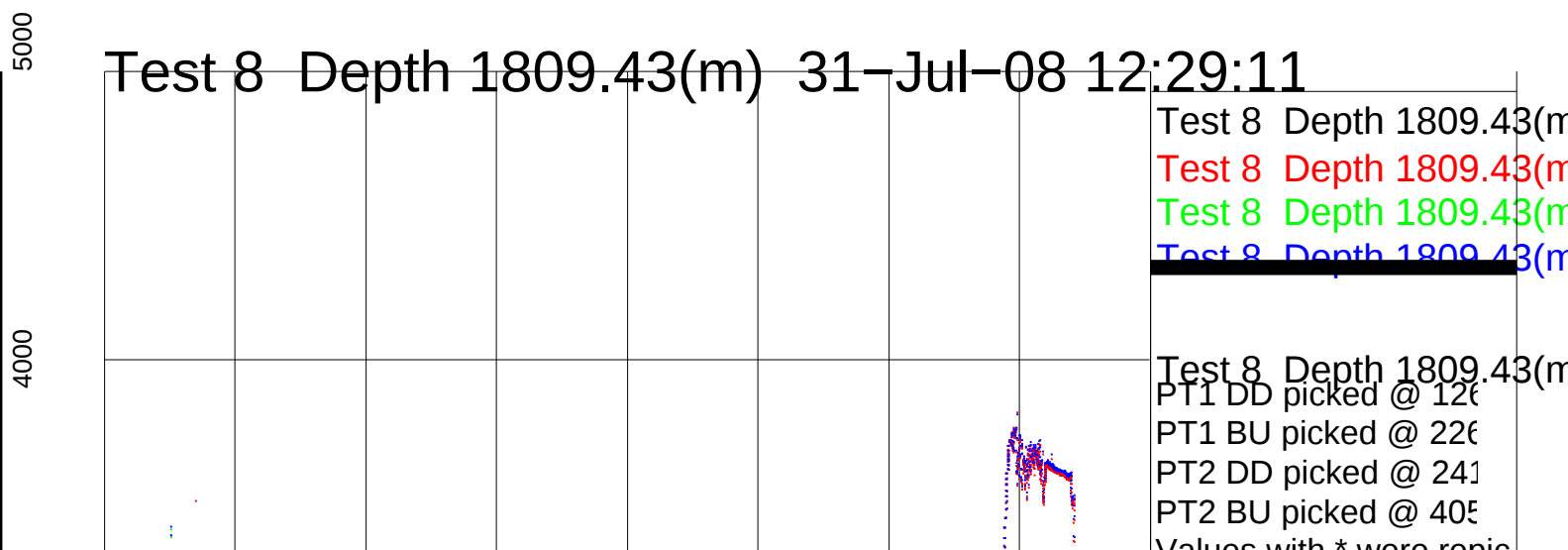
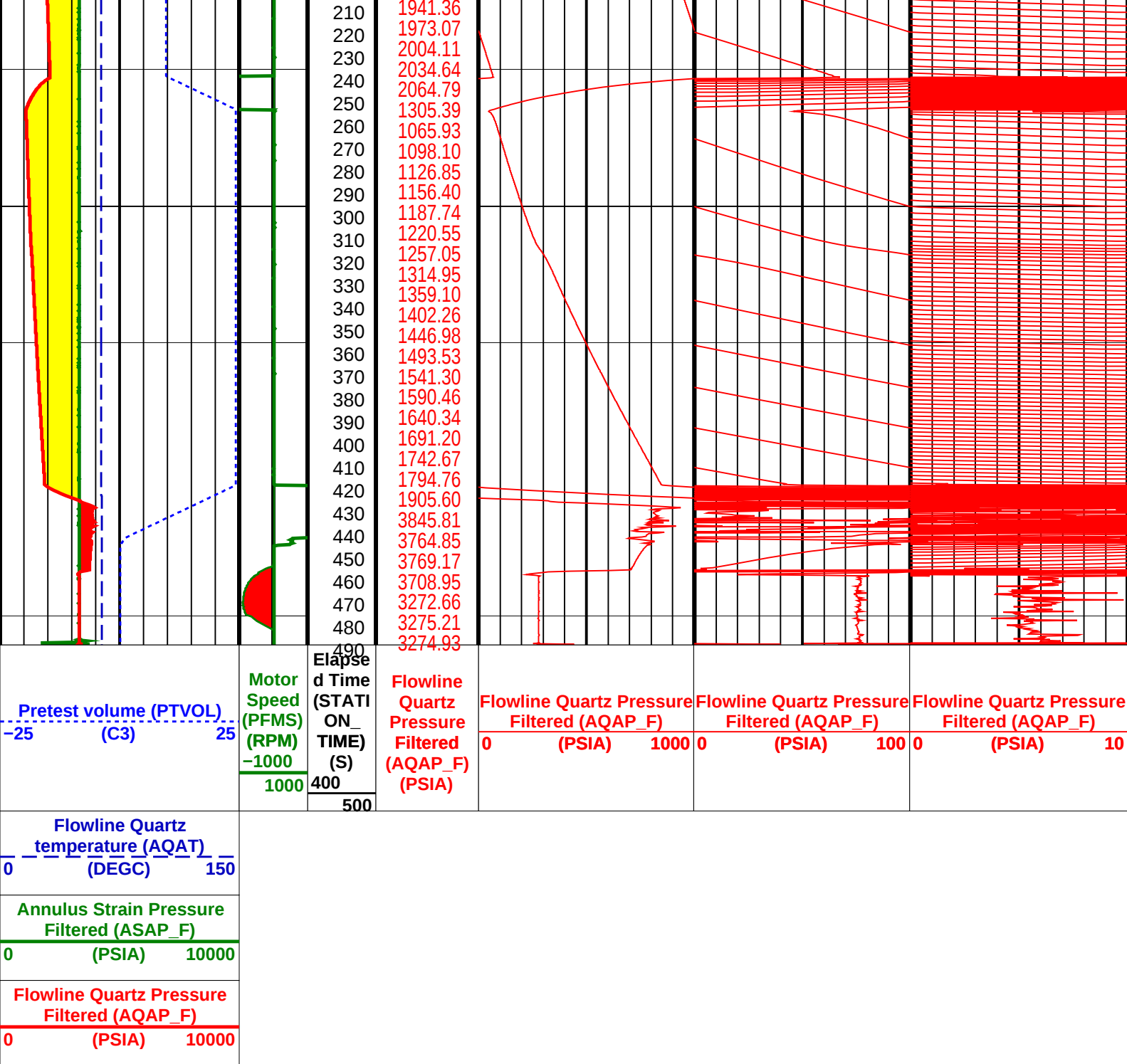
Pretest volume (PTVOL) -25 (C3) 25	Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA)	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA)
Flowline Quartz temperature (AQAT) 0 (DEGC) 150			Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)		Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	
Annulus Strain Pressure Filtered (ASAP_F) (PSIA)						
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)						

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FPWD800-A id13_0c_02



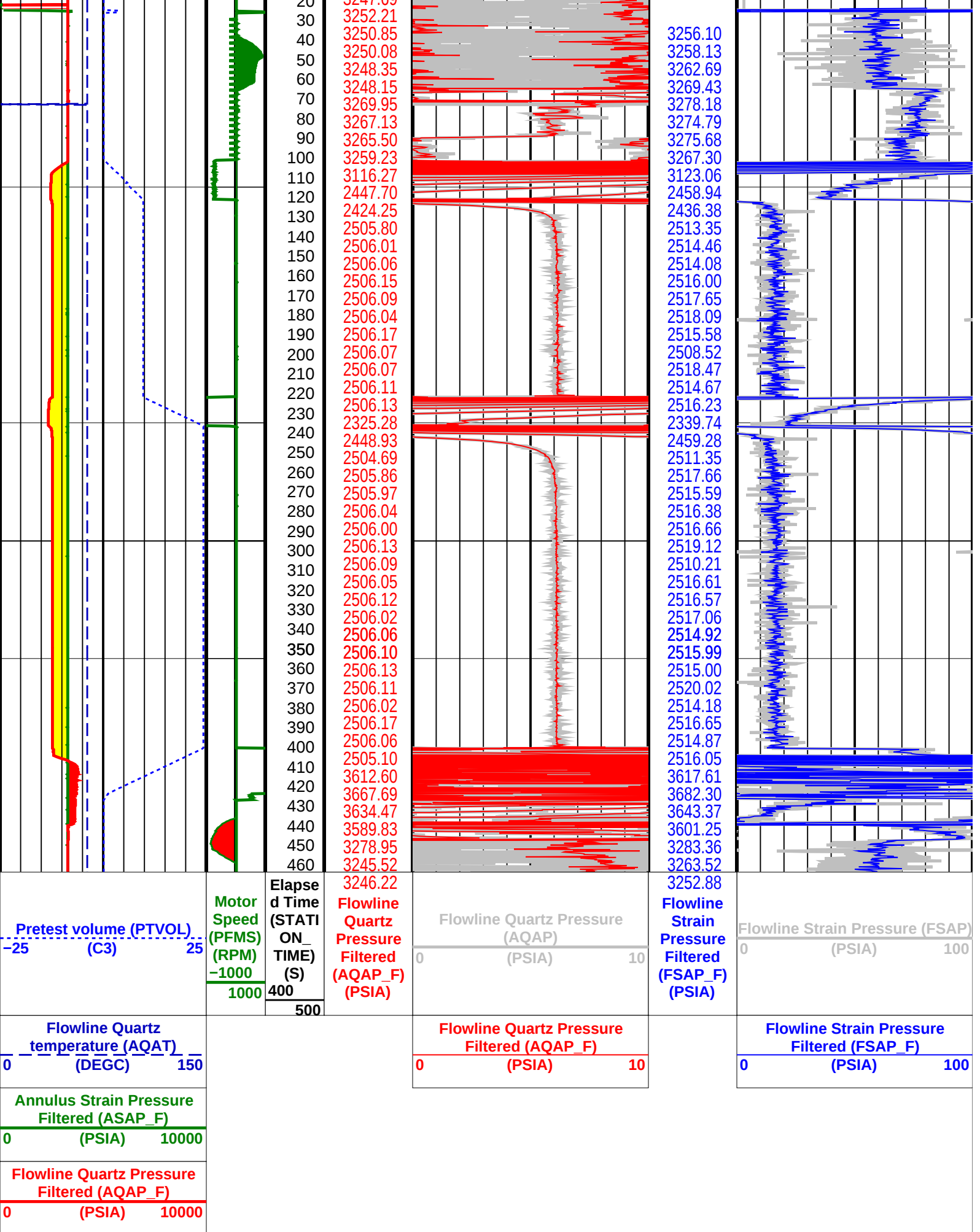


Pretest 2 (Final Test) Drawdown Pressure:	2310.86 (psia)
Pretest 2 (Final Test) Build Pressure:	2506.08 (psia)
One minute slope (Pretest 2) Buildup:	0.00 (psia/min)
Pressure Variance (Pretest 2) Buildup:	0.13 (psia)
Final Drawdown Mobility:	26.69 (mD/cP)
Pumps Off Test:	No
** Parameters annotated as Picked were manually selected **	
** Results were Recomputed using the picks **	

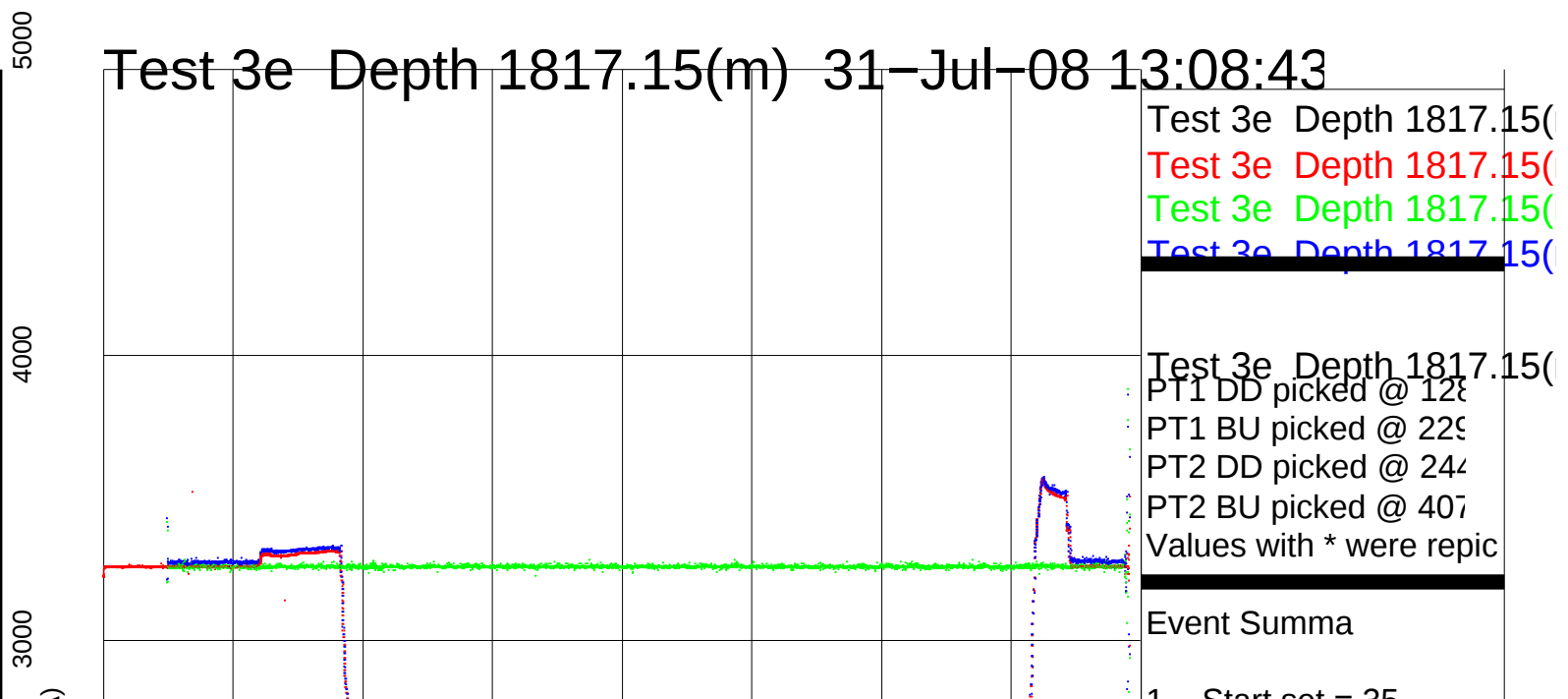
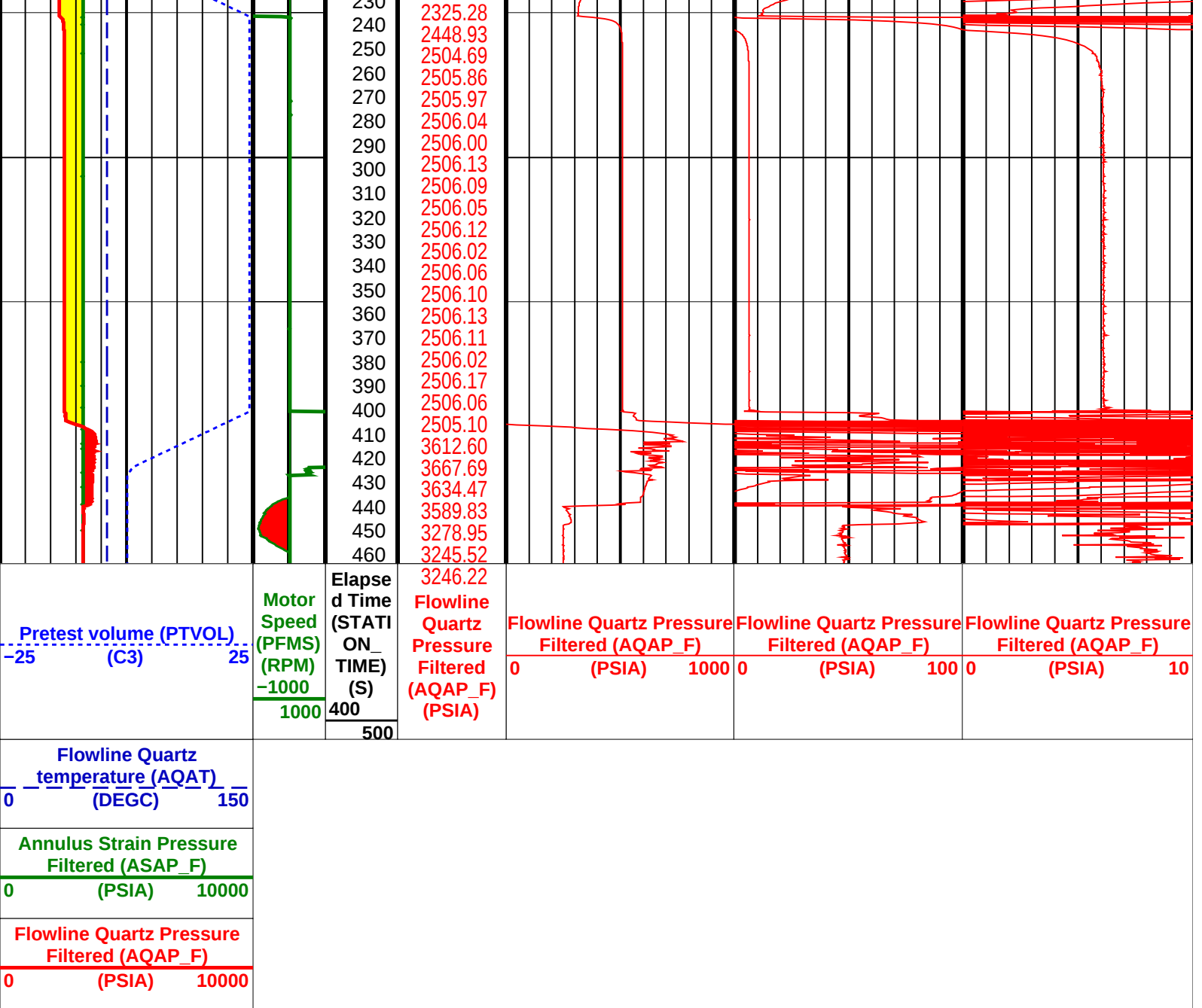
Well Pressure Before Test:	3249.89 (psia)
Well Pressure After Test:	3247.14 (psia)
Temperature Before Test:	63.19 (degc)
Temperature After Test:	62.87 (degc)
Estimated Mud Compressibility:	0.00 (1/psia)
Pretest 6000 psi/current limit reached:	No
Pretest 1 (Investigation test) Rate:	0.47 (cm3/s)
Pretest 1 (Investigation test) Volume:	9.28 (cm3)
Pretest 2 (Final Test) Rate:	0.98 (cm3/s)
Pretest 2 (Final Test) Volume:	14.56 (cm3)
Start Pretest 1 (Investigation Test) Drawdown:	126.13 (sec)
Start Pretest 1 (Investigation Test) Buildup:	226.94 (sec)
Start Pretest 2 (Final Test) Drawdown:	241.31 (sec)
Start Pretest 2 (Final Test) Buildup:	405.63 (sec)

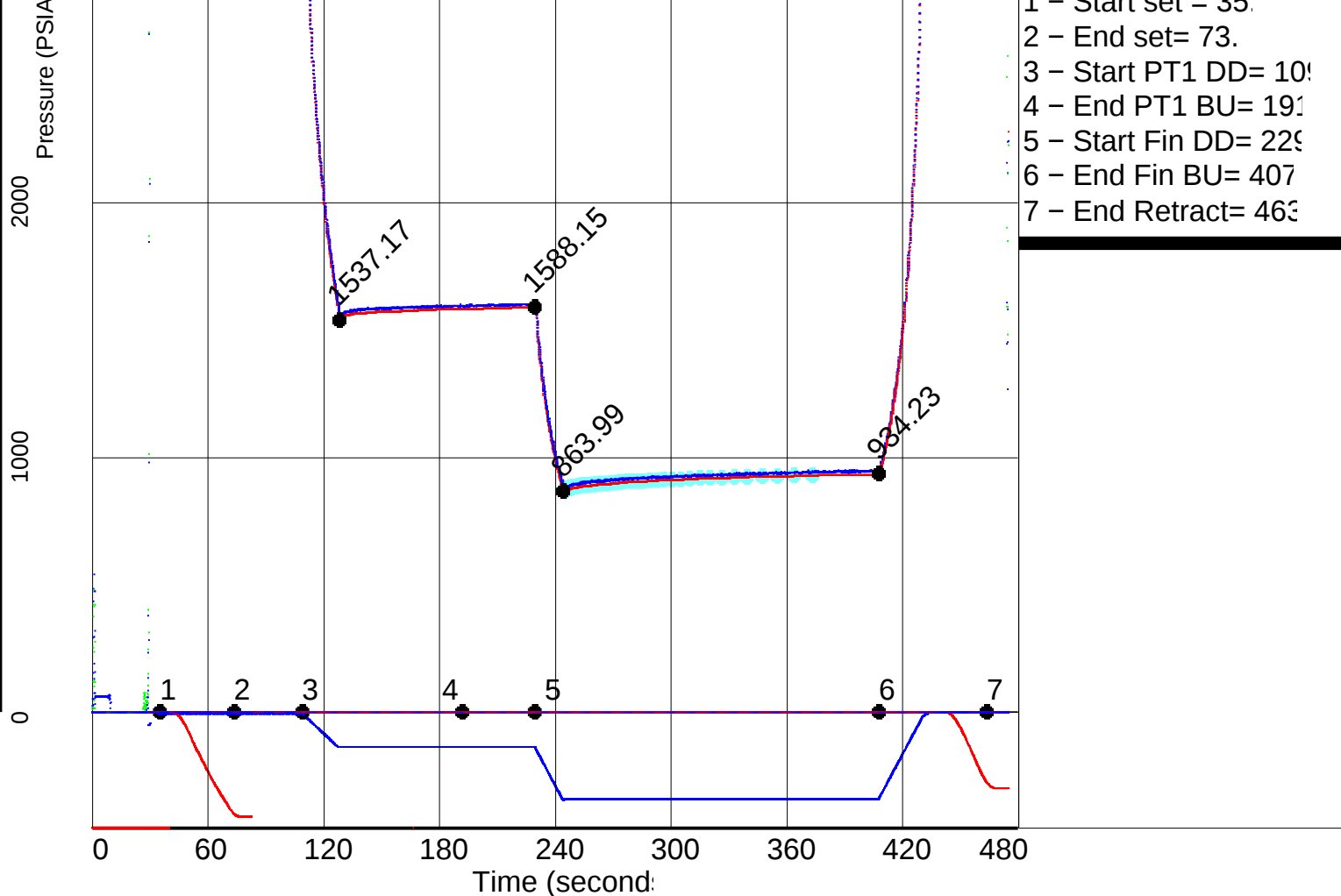
StethoScope Pretest Definitions									
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)												
0	(PSIA)	10000										
Annulus Strain Pressure Filtered (ASAP_F)												
0	(PSIA)	10000										
Flowline Quartz temperature (AQAT)						Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)			
0	(DEGC)	150				0 (PSIA) 10			0 (PSIA) 100			
Pretest volume (PTVOL)			Motor Speed (PFMS) (RPM)	Elapse d Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP)			Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP)		
-25	(C3)	25	-1000	400		0 (PSIA) 10				0 (PSIA) 100		
			1000	500								
				0	3243.30				58.34			
				10	3251.29				60.94			
				20	3247.69							



[illegible]





IDEAL Version: ID13_0C_08

IDEAL

FPWD800-A id13_0c_02

Wellsite StethoScope Test Summary

Test number: 18	Depth: 5961.76 (ft)
Date: 31-Jul-08	TVD: 5580.80 (ft)
Time: 13:08:43	

Company Name (CN): Santos Ltd	Field Location(FL): Otway Basin
Well Name (WN): Netherby-1	Country(FL1): N/A
Field Name(FN): Otway	Well Number (API): Mean Sea Level
County/Rig (COUN): Ocean Patriot	Depth Datum (PDAT): Run-03Tst18_1.CS_ITIME
State/Province(STAT): Victoria	File Name: 18
Run number: 03	Test number: 5961.76 (ft)
Test Date: 31-Jul-08 13:08:43	Depth Measured: 35.22 (deg)
TVD: 5580.80 (ft)	Well Deviation: 800.00 (gal/min)
Test Type: 0-C	Circulation Rate: 11.10 (lb/g)
Probe Orientation: 34.00 (deg)	Mud Weight: 2.84 (psia)
Flowline quartz gauge offset: 3.18 (psia)	Flowline strain gauge offset: 12.25 (in)
Wellbore quartz gauge offset: 3.18 (psia)	Bit Size: Normal
Caliper at test depth: Bit Size	Interpreted pretest type: Paine
Quartz gauge: ACQG	Strain gauge:
Tool: FPWD800_A	

Pretest 1 (Investigation Test) Drawdown Pressure:	1537.17 (psia)
Pretest 1 (Investigation Test) Build Pressure:	1588.15 (psia)
Pretest 1 (Investigation Test) Drawdown Mobility:	1.72 (mD/cP)
Pretest 2 (Final Test) Drawdown Pressure:	863.99 (psia)
Pretest 2 (Final Test) Build Pressure:	934.23 (psia)
One minute slope (Pretest 2) Buildup:	8.07 (psia/min)
Pressure Variance (Pretest 2) Buildup:	0.04 (psia)
Final Drawdown Mobility:	4.22 (mD/cP)
Pumps Off Test:	No

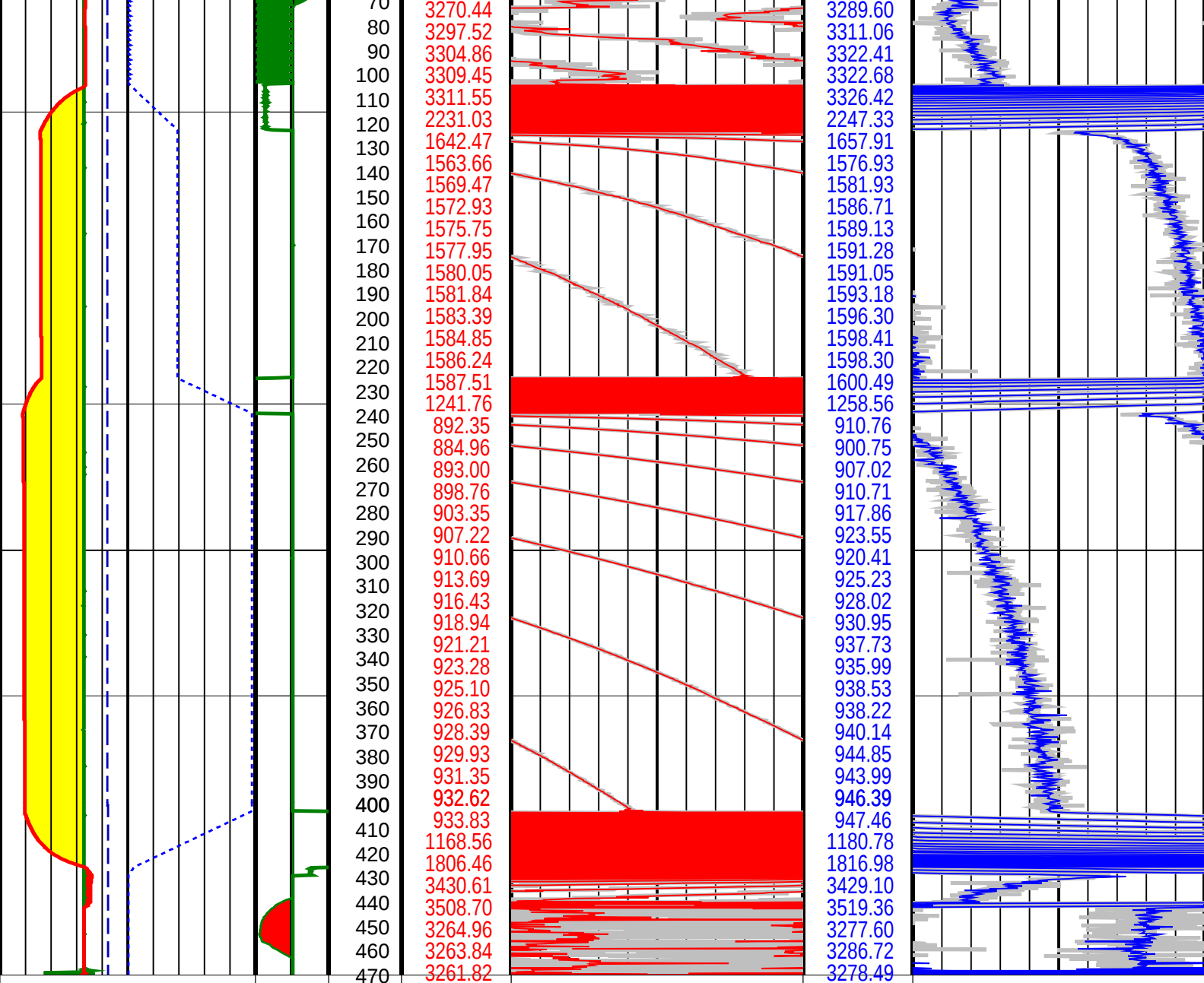
**** Parameters annotated as Picked were manually selected ****
**** Results were Recomputed using the picks ****

Well Pressure Before Test: 3260.11 (psia)
 Well Pressure After Test: 3260.20 (psia)
 Temperature Before Test: 62.70 (degc)
 Temperature After Test: 62.96 (degc)
 Estimated Mud Compressibility: 0.00 (1/psia)
 Pretest 6000 psi/current limit reached: No
 Pretest 1 (Investigation test) Rate: 0.49 (cm3/s)
 Pretest 1 (Investigation test) Volume: 9.28 (cm3)
 Pretest 2 (Final Test) Rate: 0.98 (cm3/s)
 Pretest 2 (Final Test) Volume: 2.66 (cm3)
 Start Pretest 1 (Investigation Test) Drawdown: 128.38 (sec)
 Start Pretest 1 (Investigation Test) Buildup: 229.44 (sec)
 Start Pretest 2 (Final Test) Drawdown: 244.13 (sec)
 Start Pretest 2 (Final Test) Buildup: 407.75 (sec)

StethoScope Pretest Definitions

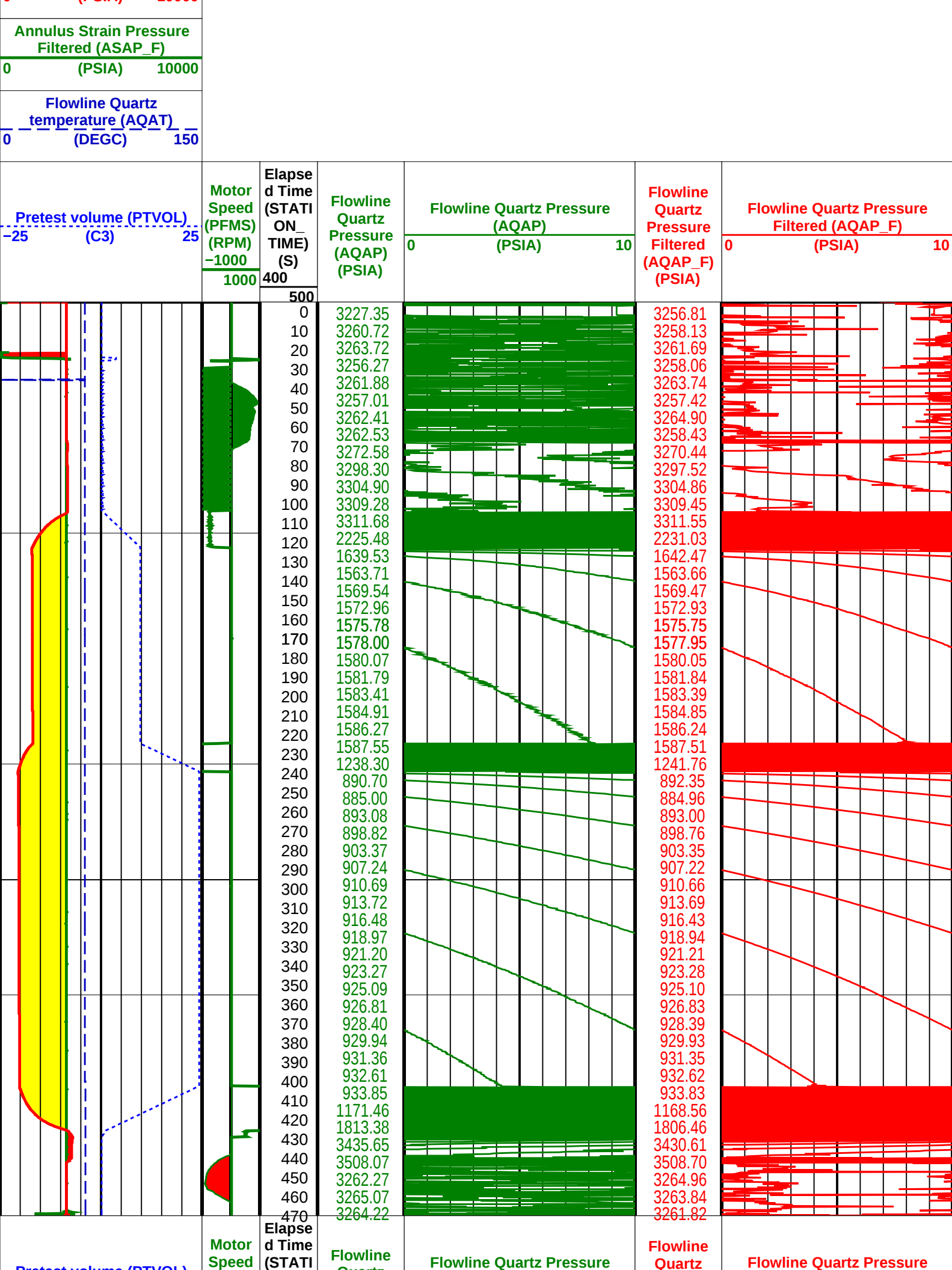
Test Code	Mobility Range (mD/cP)	Pretest 1 (nominal)			Pretest 2 Final (nominal)		Total (Time) (sec)	Tolerance On Formation Pressure (psi)	Pump Sequence
		Volume (cc)	Rate (cc/sec)	BuildUp (sec)	Volume (cc)	Rate (cc/sec)			
0-A	>0.1	4.5	0.2	600	0.5	0.2	1200	0.2	LHL
0-B	>1	5	0.3	116	6	0.3	300	0.1	LHLH
0-C	>10	9.5	0.5	119	14.5	1	300	0.01	HLH
0-D	>100	9.5	1	69	14.5	2	180	0.001	HLHL
Time Limited Pretest (TLP)		Pretest 1 Investigation Phase			Pretest 2,3,... Measurement Phase				
1-A		as needed	0.3	per test	computed	computed	300	<0.2	LHL
1-B		as needed	0.5	per test	computed	computed	300	<0.2	LHLH
2-C		as needed	0.3	per test	computed	computed	300	<0.2	HLH
2-D		as needed	0.5	per test	computed	computed	300	<0.2	HLHL

Flowline Quartz Pressure Filtered (AQAP_F)											
0	(PSIA)	10000									
Annulus Strain Pressure Filtered (ASAP_F)											
0	(PSIA)	10000									
Flowline Quartz temperature (AQAT)						Flowline Quartz Pressure Filtered (AQAP_F)			Flowline Strain Pressure Filtered (FSAP_F)		
0	(DEGC)	150				0	(PSIA)	10	0	(PSIA)	100
Pretest volume (PTVOL)			Motor Speed (PFMS) (RPM)	Elapse d Time (STATI ON_ TIME) (S)	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP)			Flowline Strain Pressure Filtered (FSAP_F) (PSIA)		
-25	(C3)	25				0	(PSIA)	10	0	(PSIA)	100
			1000	400							
				500							
				0	3256.81				47.82		
				10	3258.13				52.16		
				20	3261.69						
				30	3258.06						
				40	3263.74				3285.09		
				50	3257.42				3263.42		
				60	3264.90				3284.90		
				70	3258.43				3270.83		



Pretest volume (PTVOL) -25 (C3) 25		Motor Speed (PFMS) (RPM) -1000 1000	Elapsed Time (STATI ON_ TIME) (S) 400 500	Flowline Quartz Pressure Filtered (AQAP_F) (PSIA)	Flowline Quartz Pressure (AQAP) (PSIA) 010	Flowline Strain Pressure Filtered (FSAP_F) (PSIA)	Flowline Strain Pressure (FSAP) (PSIA) 0100
Flowline Quartz temperature (AQAT) (DEGC) 0150					Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 010		Flowline Strain Pressure Filtered (FSAP_F) (PSIA) 0100
Annulus Strain Pressure Filtered (ASAP_F) (PSIA) 010000							
Flowline Quartz Pressure Filtered (AQAP_F) (PSIA) 010000							

Flowline Quartz Pressure Filtered (AQAP_F)	
0	10000
(PSIA)	



Pretest volume (PTVOL) -25 (C3) 25	(PFMS) (RPM) -1000 1000	ON TIME (S) 400 500	Quartz Pressure (AQAP) (PSIA)	0 (AQAP) (PSIA) 10	Pressure Filtered (AQAP_F) (PSIA)	0 Filtered (AQAP_F) (PSIA) 10
Flowline Quartz temperature (AQAT) (DEGC) 0 150						
Annulus Strain Pressure Filtered (ASAP_F)						
0 (PSIA) 10000						
Flowline Quartz Pressure Filtered (AQAP_F)						
0 (PSIA) 10000						

IDEAL Version: ID13_0C_08
IDEAL

FPWD800-A id13_0c_02

Flowline Quartz Pressure Filtered (AQAP_F)						
0 (PSIA) 10000						
Annulus Strain Pressure Filtered (ASAP_F)						
0 (PSIA) 10000						
Flowline Quartz temperature (AQAT) (DEGC) 0 150						

