

Schlumberger

Company: Essential Petroleum Resources Limited

Well: Findra-1

Field: PEP 159

Rig: Hunt Rig #2

Country: Australia

MDT-GR

1:200 Scale

Otway Basin PEP 159	Elev.: K.B. 60.95 m
602241.4 E	G.L. 57 m
5768896.5 N	D.F. 60.95 m

Permanent Datum:	MEAN SEA LEVEL	Elev.: 0 m
Log Measured From:	DRILL FLOOR	61.0 m above Perm. Datum
Drilling Measured From:	DRILL FLOOR	

State: Victoria	Max. Well Deviation 2 deg	Longitude 142° 10' 04.90" E	Latitude 38° 13' 19.58" S
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Logging Date	30-Jun-2004		
Run Number	2		
Driller	889 m		
Schlumberger Depth	879 m		
Bottom Log Interval	637.5 m		
Top Log Interval	471 m		
Casing Driller Size @ Depth	9.625 in @ 150 m		
Casing Schlumberger	150 m		
Bit Size	8.500 in		
Fluid In Hole	KCl-Polymer-PHPA		
Viscosity	1.1 g/cm3	39 s	
Fluid Loss	6.8 cm3	8.8	
PH			
Source Of Sample	PIT		
RM @ Measured Temperature	0.254 ohm.m @ 12 degC		
RMF @ Measured Temperature	0.205 ohm.m @ 12 degC		
RMC @ Measured Temperature	0.281 ohm.m @ 12 degC		
Source RMF	PRESS		
RM @ MRT	0.123 @ 48	0.099 @ 48	
Maximum Recorded Temperatures	48 degC	48	
Circulation Stopped	30-Jun-2004	6:00	
Logger On Bottom	1-Jul-2004		
Unit Number	3170	QEA	
Recorded By	Herdy Nizar / G. Jonsson		
Witnessed By	G. Wakeelin-King		

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

Date Created: 3-JUL-2004 11:37:28

Depth Measuring Device

Type:	IDW-B
Serial Number:	-999
Calibration Date:	dd-Mmm-yyyy
Calibrator Serial Number:	-999
Calibration Cable Type:	7-46P
Wheel Correction 1:	-2
Wheel Correction 2:	-2

Type:	CMTD-B/A
Serial Number:	2268
Calibration Date:	13-Feb-2004
Calibrator Serial Number:	1050
Calibration Gain:	0.89
Calibration Offset:	56.00

Type:	7-42V
Serial Number:	-999
Length:	3699.97 M
Conveyance Method:	Wireline
Rig Type:	LAND

Log Sequence:	Subsequent Log In the Well
Reference Log Name:	HALS-BHC-PEX-HGN:
Reference Log Run Number:	1
Reference Log Date:	30-Jun-2004

1. This is subsequent run in hole
2. Schlumberger depth control procedures were followed
- 3.
- 4.
- 5.
- 6.

THE USE OF AND RELIANCE UPON THIS RECORDED-DATA BY THE HEREIN NAMED COMPANY (AND ANY OF ITS AFFILIATES, PARTNERS, REPRESENTATIVES, AGENTS, CONSULTANTS AND EMPLOYEES) IS SUBJECT TO THE TERMS AND CONDITIONS AGREED UPON BETWEEN SCHLUMBERGER AND THE COMPANY, INCLUDING: (a) RESTRICTIONS ON USE OF THE RECORDED-DATA; (b) DISCLAIMERS AND WAIVERS OF WARRANTIES AND REPRESENTATIONS REGARDING COMPANY'S USE OF AND RELIANCE UPON THE RECORDED-DATA; AND (c) CUSTOMER'S FULL AND SOLE RESPONSIBILITY FOR ANY INFERENCE DRAWN OR DECISION MADE IN CONNECTION WITH THE USE OF THIS RECORDED-DATA.

OTHER SERVICES1
OS1: HALS-BHC-PEX-HGNS
OS2:
OS3:
OS4:
OS5:

OTHER SERVICES2
OS1:
OS2:
OS3:
OS4:
OS5:

REMARKS: RUN NUMBER 1

REMARKS: RUN NUMBER 2

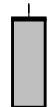
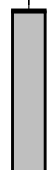




Tool run as per tool sketch.

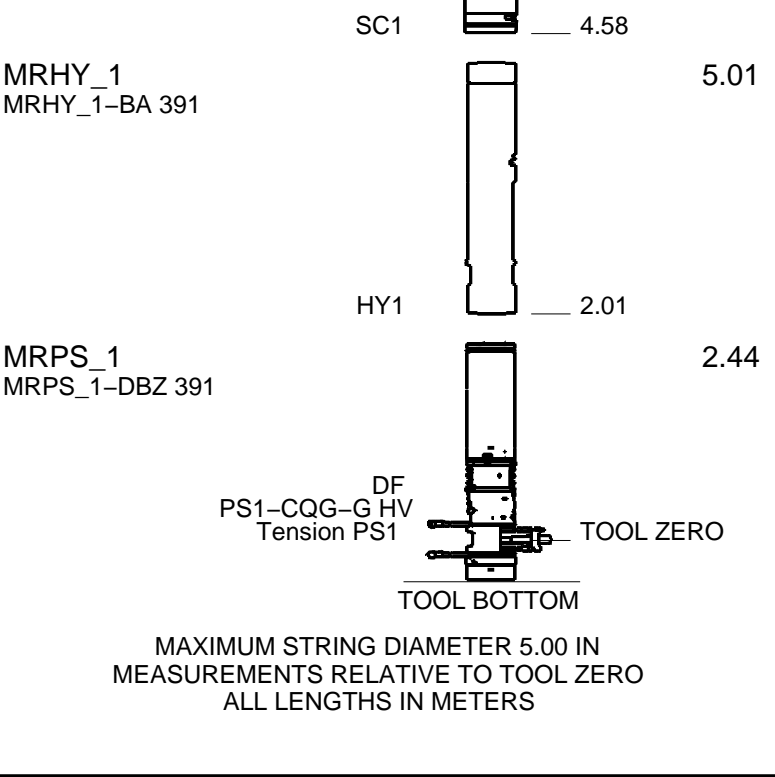
15 pretests attempted, Good test = 13

Normal pretests type were used with 20c3 volume and 60 c3/M piston rate

Log was correlated to HALS-BHC-PEX-HGNS log recorded bt Slb date 30-Jun-2003

General summary listing provided for Strain gauge only.

RUN 1			RUN 2		
SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:			SERVICE ORDER #: PROGRAM VERSION: FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP
EQUIPMENT DESCRIPTION					
RUN 1			RUN 2		
SURFACE EQUIPMENT					
MRPP-AA GSR-U/Y WITM (CTS)-A					
DOWNHOLE EQUIPMENT					
TCC-BF ECH-KC TCC-BF	TelStatus		16.09		
		___ 14.74			
SGT-L SGH-K SGC-SA SGD-TAA	Gamma Ray		15.18		
		___ 14.47			
MRPC MRPC-BB 112	PC		13.50		
		___ 11.55			
MRPO MRPO-DU-AA MRPO-CA 309	PO		11.98		
		___ 8.31			
MRSC_02 1_GAL-BB 56	SC2		8.74		
		___ 6.45			
MRSC_01 1_GAL-BB 124			6.88		



Client: Essential Petroleum Resources Limited

Well: Findra-1

Field: PRP 159

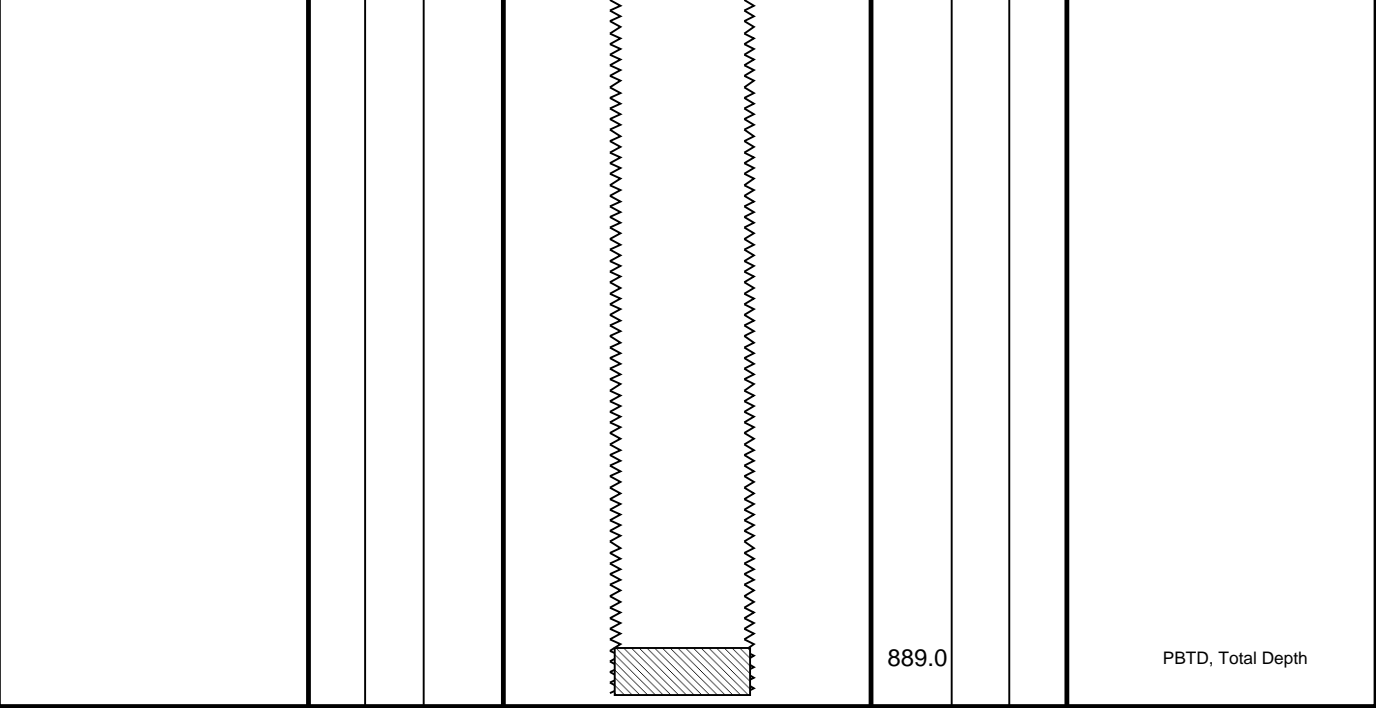
State: Victoria

Country:Australia

Rig Name: Hunt Rig # 2

Elevation: 61.0 m

Production String	(in) (m)			Well Schematic	(m) (in)			Casing String
	OD	ID	MD		MD	OD	ID	
					0.0	17.500		Borehole Segment
					61.0	13.375		Casing Shoe
					150.0	9.625		Casing Shoe



Pretest Summary Listing

MAXIS Field Log

Client: Essential Petroleum Resources Limited

Field: PEP 159

Well: Findra-1

Run date: 30-Jun-2004

Tool: MRPS_1-

Probe Type: Conventional probe

Gauge: BSG1

Gauge Resolution: 0.040 psi

Test	File	Depth M	TVD M	Drawdown Mobility MD/CP	Mud Pressure Before After KPAG KPAG		Last read build-up Pres KPAG	Formation Pressure KPAG	Test Type
2	31	471.04	471.04	42.29	5208.08	5205.91	4328.16	4328.16	Normal Pretest
3	32	472.47	472.47	28.78	5220.92	5226.51	4342.16	4342.16	Normal Pretest
4	33	476.56	476.56	57.52	5270.48	5268.66	4380.21	4380.21	Normal Pretest
5	34	480.49	480.49	3.13	5311.04	5309.84	3530.25	3530.25	Normal Pretest
6	35	477.97	477.97	68.59	5281.50	5287.36	4394.01	4394.01	Normal Pretest
7	36	501.47	501.47	271.52	5545.85	5544.44	4597.93	4597.93	Normal Pretest
8	37	504.87	504.87		5581.21	5579.81	39.42	39.42	Dry Test
9	38	511.00	511.00	61.32	5646.39	5645.16	4690.42	4690.42	Normal Pretest
10	39	518.60	518.60	15.05	5664.04	5662.01	4700.10	4700.10	Normal Pretest

10	39	512.68	512.68	15.85	5664.04	5662.91	4708.12	4708.12	Normal Pretest
11	40	503.10	503.10	152.90	5555.41	5554.39	4614.23	4614.23	Normal Pretest
12	41	573.67	573.67	12.47	6335.13	6333.89	5324.18	5324.18	Normal Pretest
13	42	579.67	579.67		6399.20	6411.21	11.57	11.57	Dry Test
14	45	633.21	633.21	4.75	7002.44	7001.22	5940.80	5940.80	Normal Pretest
15	46	634.07	634.07	2.16	7010.62	7007.60	5935.67	5935.67	Normal Pretest
16	47	637.47	637.47	10.64	7044.58	7042.36	5970.33	5970.33	Normal Pretest

Schlumberger

Pretest 471

MAXIS Field Log

Company:

Well:

Output DLIS Files

DEFAULT

MDT_031LTP

FN:36

PRODUCER

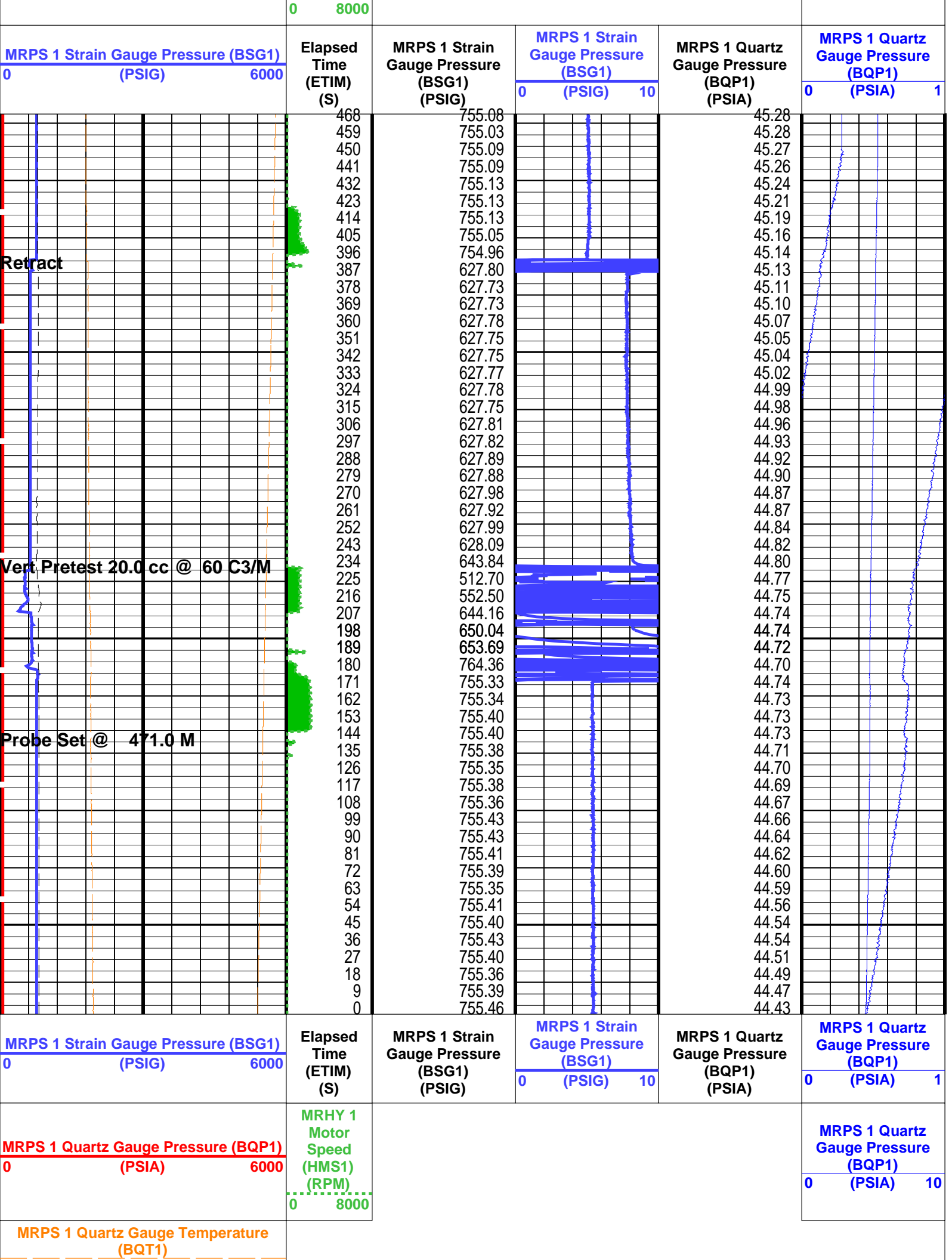
01-Jul-2004 03:20

Elapsed Time (s)	Event Summary
393.9	Retract Single Probe Module (MRPS) 1
206.4	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
144.0	Probe Set @ 471.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

 Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)	70	90
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)	0	1
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)	70	90
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	0	6000
MRHY 1 Motor Speed (HMS1) (RPM)		
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	0	10



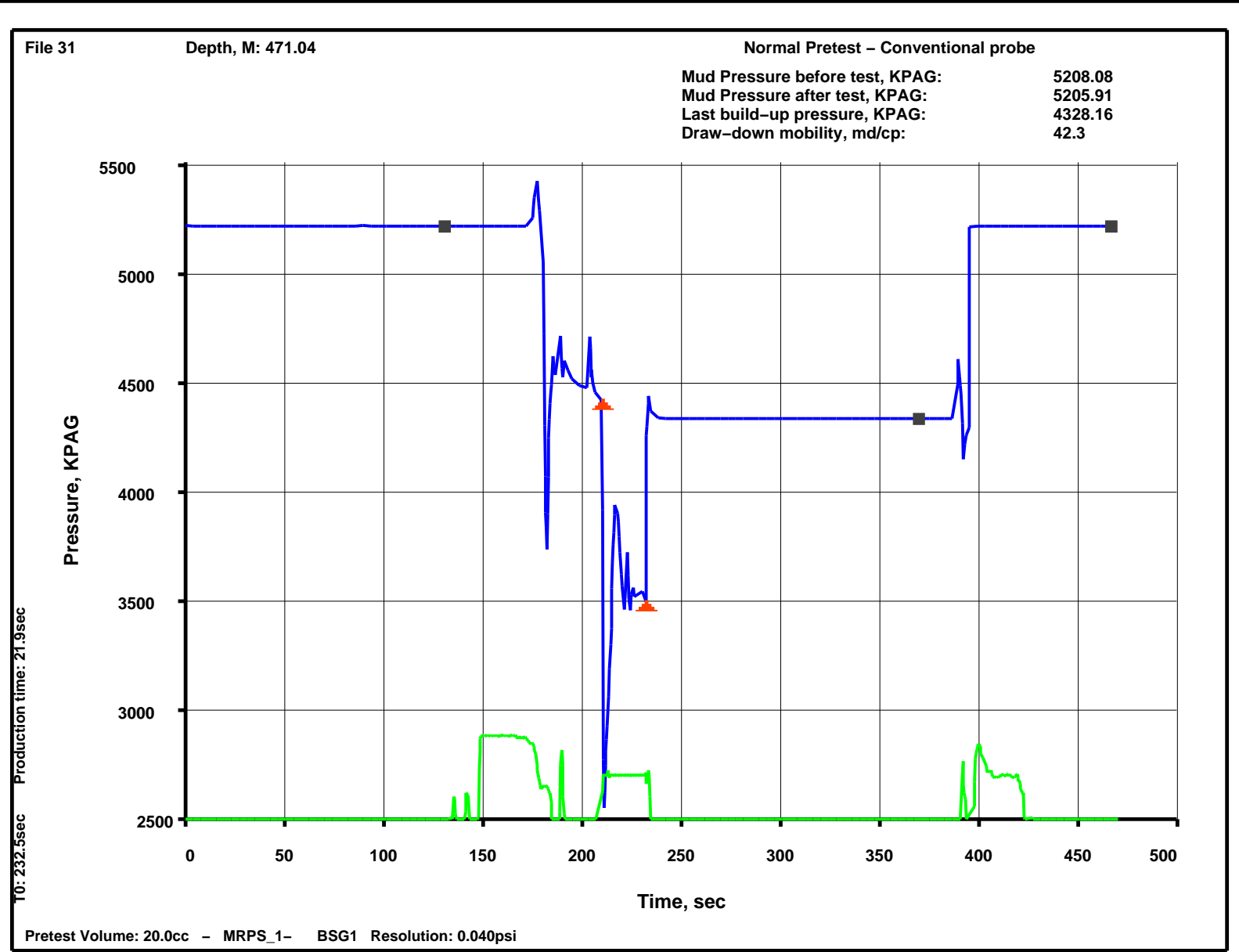
70	(DEGC)	90
MRPS 1 Flowline Fluid Resistivity		
(BFR1)		
0	(OHMM)	1
MRPS 1 Resistivity Cell Temperature		
(B1TR)		
70	(DEGC)	90

PIP SUMMARY		
Time Mark Every 60 S		

Format: MRPS_1_SGQG_Station	Vertical Scale: 1" per 60S	Graphics File Created: 01-Jul-2004 03:20
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OP System Version: 12C0-301			
MCM			
MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files			
DEFAULT	MDT_031LTP	FN:36	PRODUCER 01-Jul-2004 03:20



MAXIS Field Log

Company: Well:

Output DLIS Files

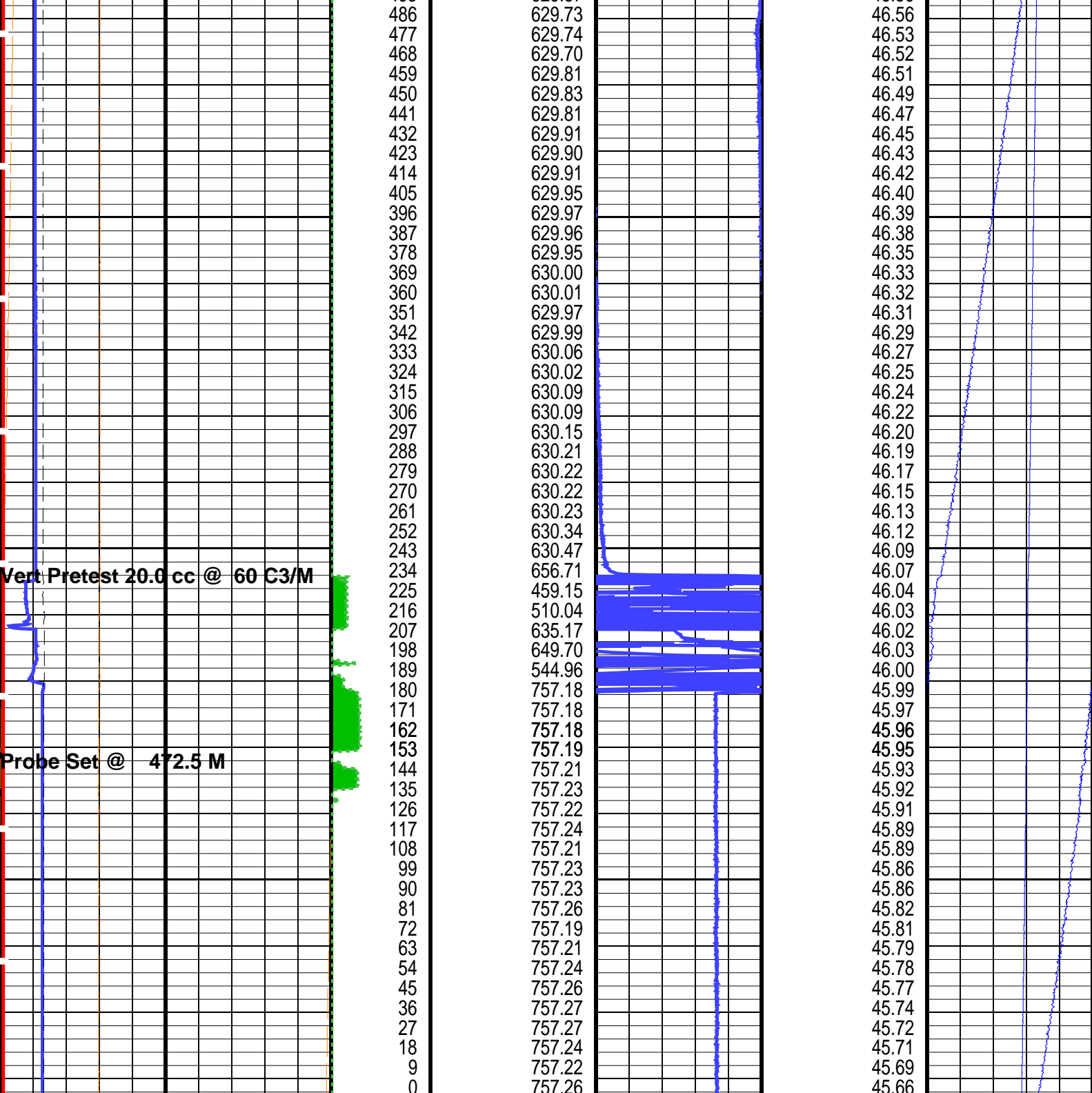
DEFAULT MDT_032LTP FN:37 PRODUCER 01-Jul-2004 03:30

Elapsed Time (s)	Event Summary
537.6	Retract Single Probe Module (MRPS) 1
206.4	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
151.2	Probe Set @ 472.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR) 70 (DEGC) 90					
MRPS 1 Flowline Fluid Resistivity (BFR1) 0 (OHMM) 1					
MRPS 1 Quartz Gauge Temperature (BQT1) 70 (DEGC) 90					
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 1
Retract	639	758.03		46.80	
	630	758.07		46.80	
	621	758.03		46.80	
	612	758.09		46.78	
	603	758.09		46.77	
	594	758.08		46.75	
	585	758.06		46.73	
	576	758.17		46.71	
	567	758.13		46.69	
	558	758.17		46.66	
	549	758.11		46.65	
	540	757.99		46.63	
	531	629.71		46.62	
	522	629.71		46.61	
	513	629.84		46.59	
	504	629.84		46.57	
	495	629.87		46.56	



MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 1
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 10
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC) 70 90					
MRPS 1 Flowline Fluid Resistivity (BFR1)					

0	(OHMM)	1
MRPS 1 Resistivity Cell Temperature (B1TR)		
70	(DEGC)	90

PIP SUMMARY

Time Mark Every 60 S

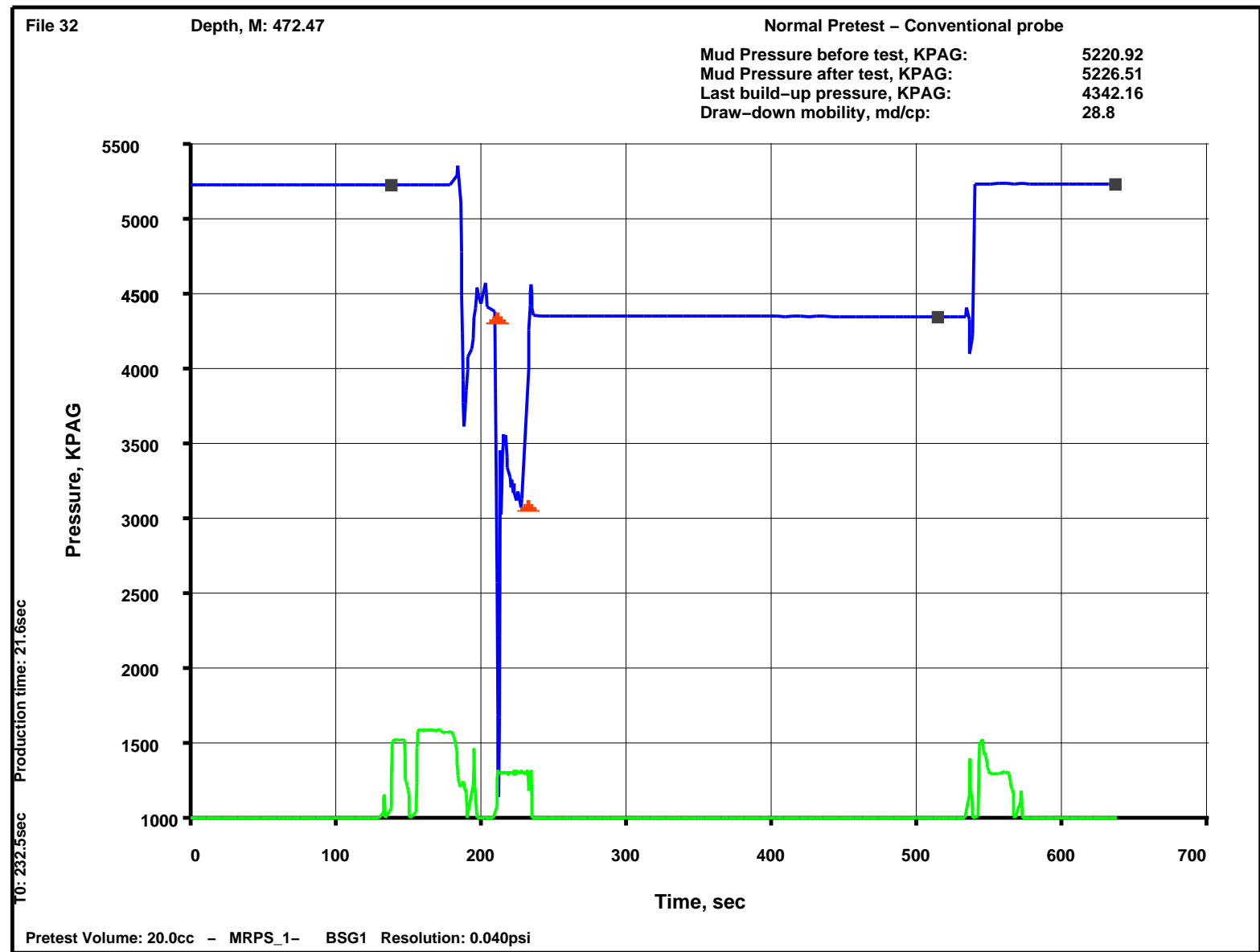
Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 01-Jul-2004 03:31

OP System Version: 12C0-301
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_032LTP FN:37 PRODUCER 01-Jul-2004 03:30



Company:

Well:

Output DLIS Files

DEFAULT

MDT_033LTP

FN:38

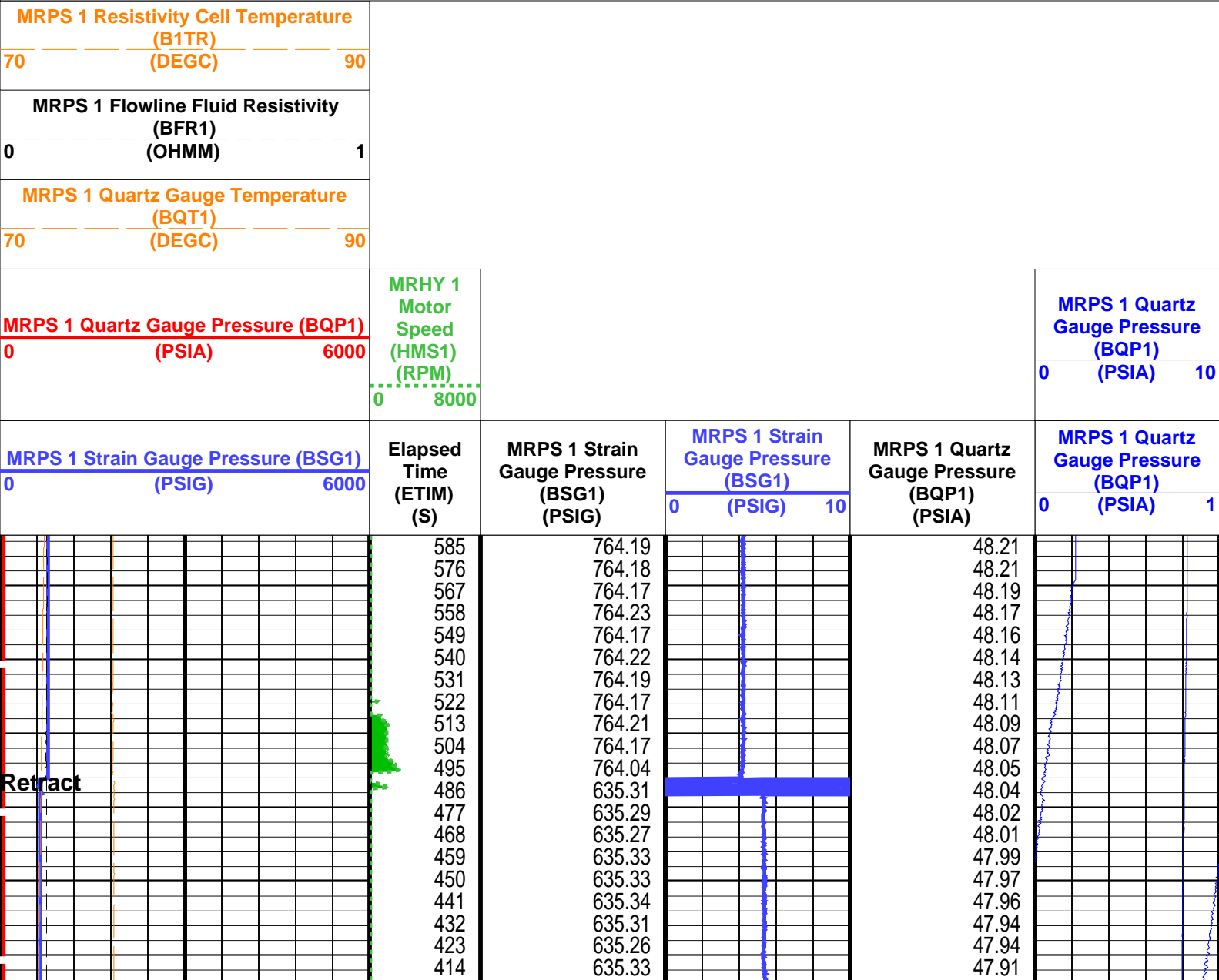
PRODUCER

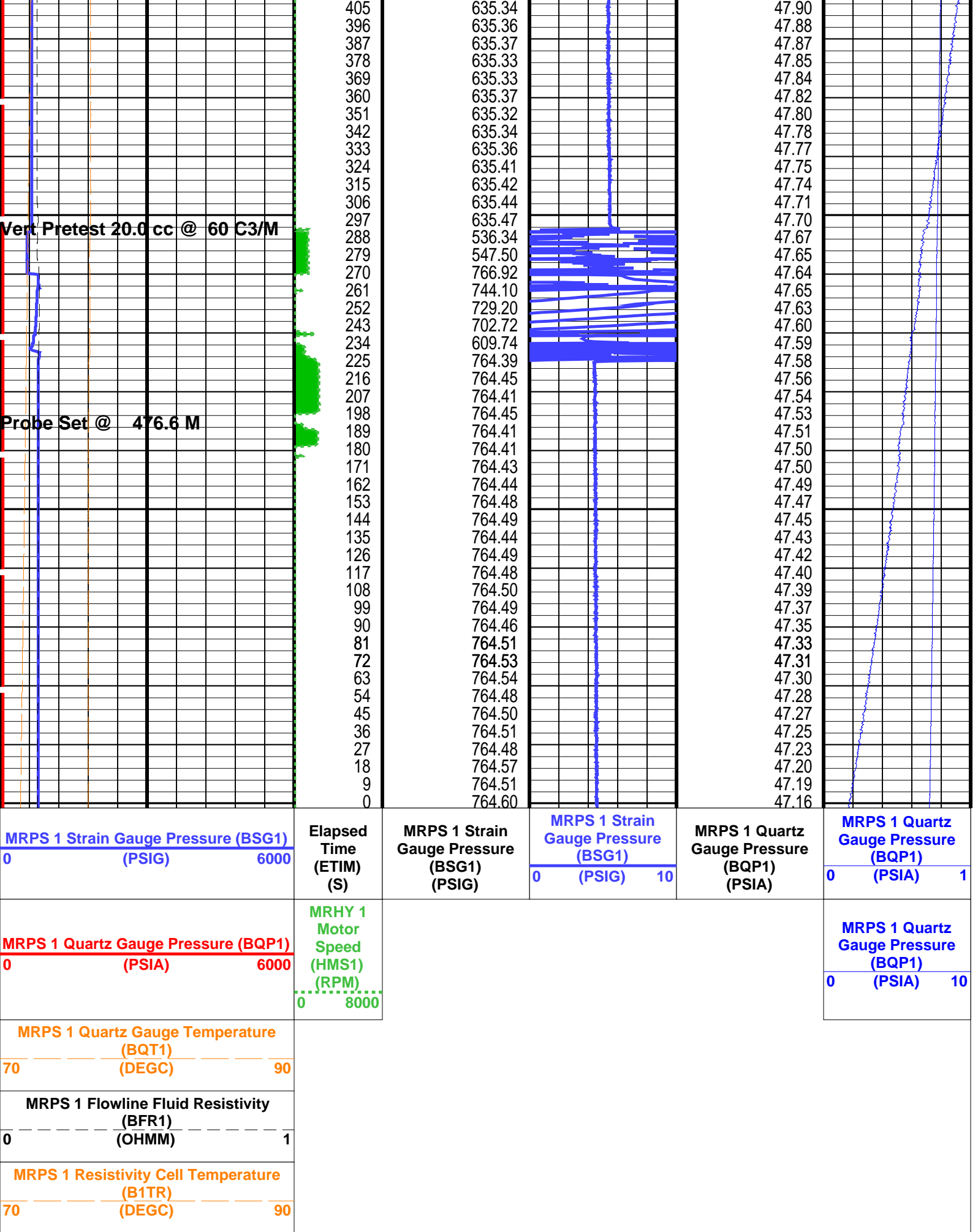
01-Jul-2004 03:44

Elapsed Time (s)	Event Summary
492.6	Retract Single Probe Module (MRPS) 1
268.2	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
196.8	Probe Set @ 476.6 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





PIP SUMMARY

Time Mark Every 60 S

Format: MRPS 1 SGOG Station Vertical Scale: 1" per 60S

Graphics File Created: 01-Jul-2004 03:44

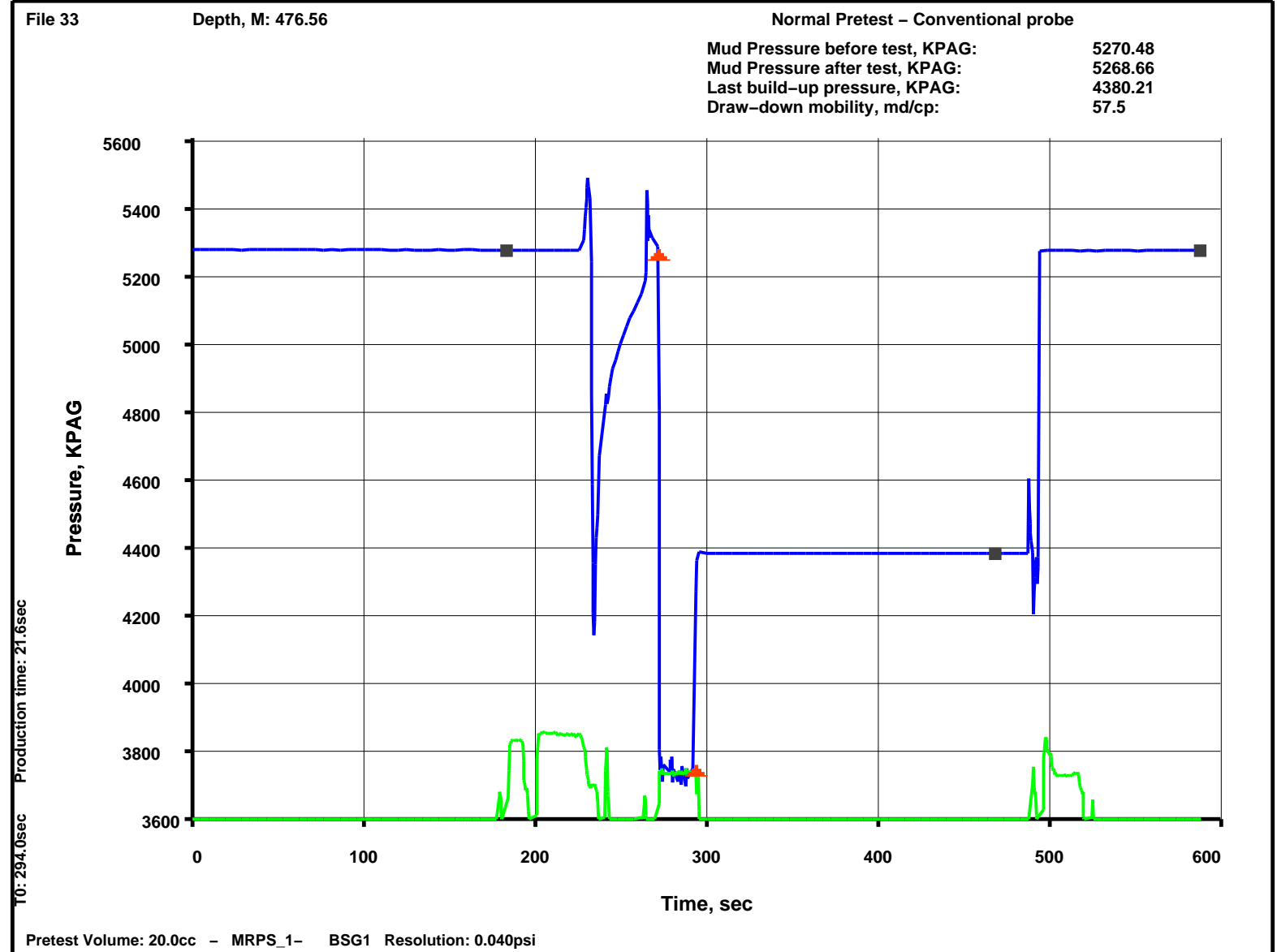
OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_033LTP FN:38 PRODUCER 01-Jul-2004 03:44



Schlumberger

Pretest 478

MAXIS Field Log

Company:

Well:

Output DLIS Files

Elapsed Time (s)	Event Summary
353.1	Retract Single Probe Module (MRPS) 1
180.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
115.8	Probe Set @ 478.0 M Single Probe Module (MRPS) 1

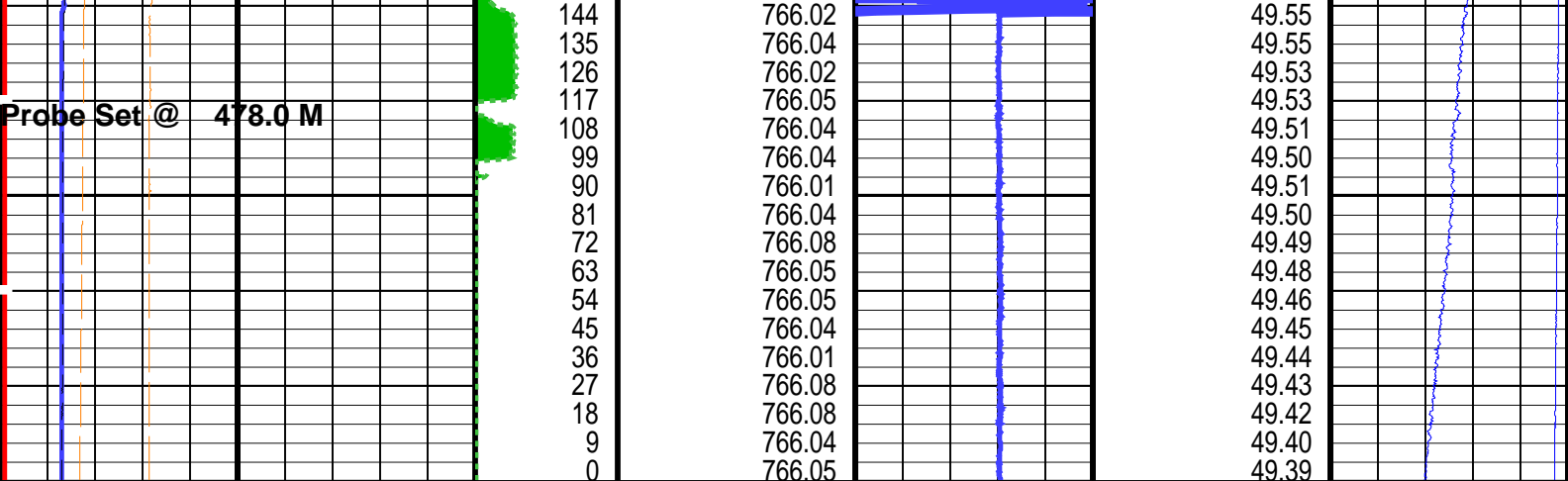
PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)	70	90
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)	0	1
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)	70	90
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	0	6000
MRHY 1 Motor Speed (HMS1) (RPM)	0	8000
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	0	6000
Elapsed Time (ETIM) (S)	414	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.89	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.88	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.92	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.95	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.95	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.89	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	766.85	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	633.73	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.32	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.31	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.35	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.37	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.37	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.35	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.38	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.35	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.45	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.42	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.45	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.51	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.53	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.51	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	637.63	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	634.81	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	568.84	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	542.02	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	645.73	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	647.68	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	652.48	
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	607.97	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.89	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.89	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.89	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.88	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.86	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.86	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.84	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.82	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.83	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.82	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.81	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.79	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.79	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.78	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.77	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.76	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.74	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.74	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.72	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.72	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.70	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.69	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.68	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.64	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.62	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.60	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.61	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.61	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.58	
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	49.58	

Retract

Vert Pretest 20.0 cc @ 60 C3/M



<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>0 (PSIG) 6000</div>	<div>Elapsed Time (ETIM) (S)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>0 (PSIG) 10</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>0 (PSIA) 1</div>
<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>0 (PSIA) 6000</div>	<div>MRHY 1 Motor Speed (HMS1) (RPM)</div> <div>0 8000</div>				<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>0 (PSIA) 10</div>
<div>MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)</div> <div>70 90</div>					
<div>MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)</div> <div>0 1</div>					
<div>MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)</div> <div>70 90</div>					

PIP SUMMARY

Time Mark Every 60 S

Format: MRPS_1_SGQG_Station

Vertical Scale: 1" per 60S

Graphics File Created: 01-Jul-2004 04:05

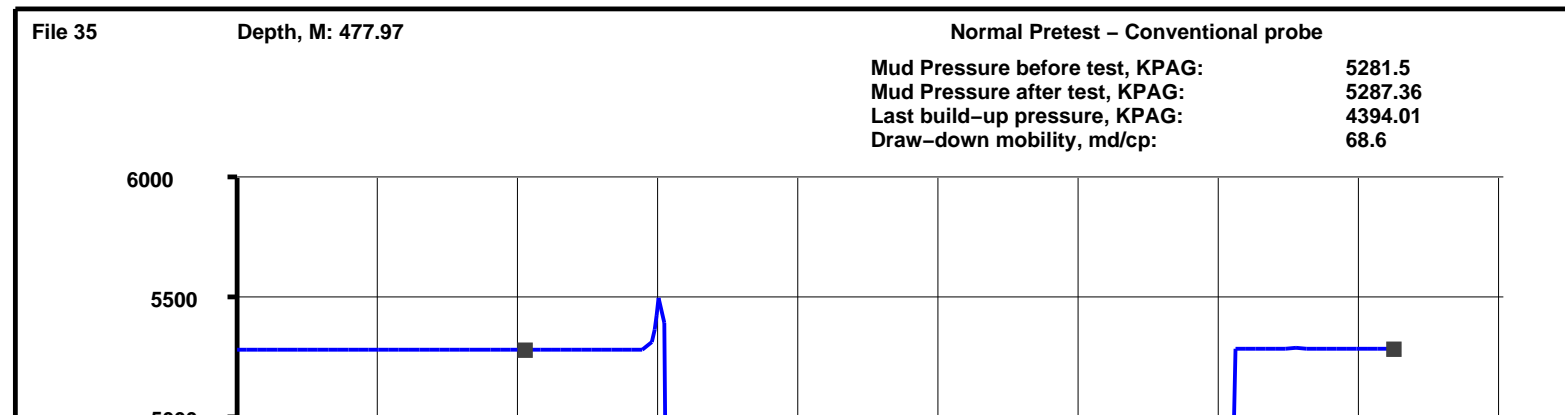
OP System Version: 12C0-301

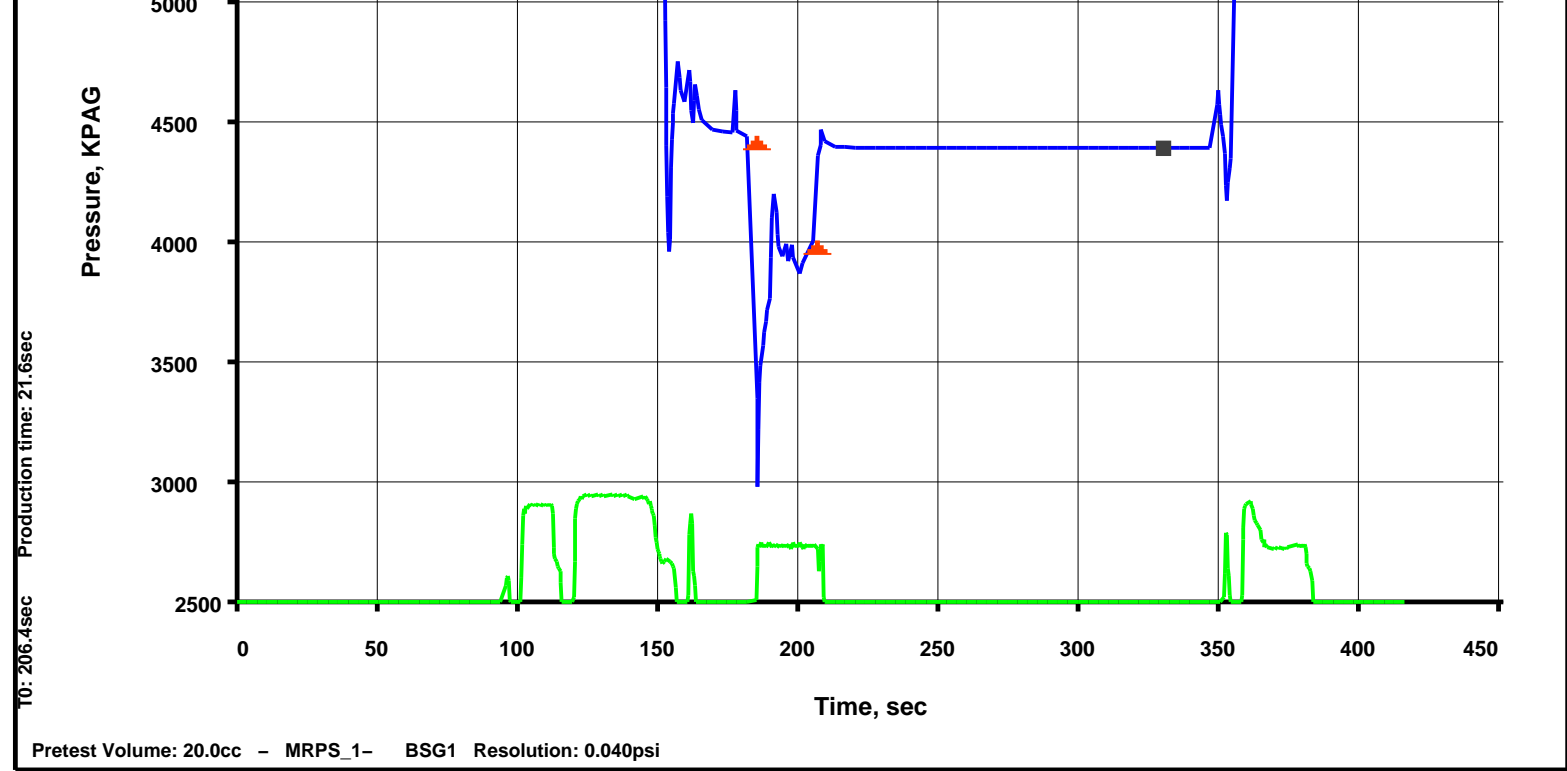
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_035LTP FN:40 PRODUCER 01-Jul-2004 04:05





Schlumberger

Pretest 480.5

MAXIS Field Log

Company: Well:

Output DLIS Files

DEFAULT MDT_034LTP FN:39 PRODUCER 01-Jul-2004 03:56 480.5 M 1.1 M

Elapsed Time (s)	Event Summary
353.4	Retract Single Probe Module (MRPS) 1
237.6	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
177.0	Probe Set @ 480.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC) 70 90


MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM) 0 1

MRPS 1 Quartz Gauge Temperature

MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)		MRHY 1 Motor Speed (HMS1) (RPM)	MRPS 1 Strain Gauge Pressure (BSG1)			MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
0	6000	0 8000	0	10	0	1
Retract						
Vert Pretest 20.0 cc @ 60 C3/M						
Probe Set @ 480.5 M						
0		423	770.09	0	49.18	
		414	770.13		49.18	
		405	770.08		49.17	
		396	770.11		49.15	
		387	770.14		49.14	
		378	770.15		49.11	
		369	770.13		49.11	
		360	770.03		49.08	
		351	642.18		49.06	
		342	641.02		49.06	
		333	590.10		49.01	
		324	146.12		48.88	
		315	45.41		48.84	
		306	27.38		48.81	
		297	20.67		48.79	
		288	13.13		48.78	
		279	8.54		48.76	
		270	5.48		48.75	
		261	4.91		48.74	
		252	13.72		48.75	
		243	172.91		48.88	
		234	709.79		48.90	
		225	714.99		48.88	
		216	556.97		48.86	
		207	770.23		48.86	
		198	770.28		48.84	
		189	770.26		48.82	
		180	770.23		48.81	
		171	770.27		48.80	
		162	770.31		48.78	
		153	770.27		48.78	
		144	770.28		48.77	
		135	770.24		48.76	
		126	770.26		48.74	
		117	770.26		48.72	
		108	770.27		48.71	
		99	770.28		48.69	
		90	770.26		48.68	
		81	770.31		48.66	
		72	770.30		48.65	
		63	770.31		48.63	
		54	770.32		48.62	
		45	770.35		48.60	
		36	770.36		48.59	
		27	770.32		48.57	
		18	770.33		48.55	
		9	770.32		48.54	
		0	770.33		48.49	

0	8000	
MRPS 1 Quartz Gauge Temperature (BQT1)		
70	(DEGC)	90
MRPS 1 Flowline Fluid Resistivity (BFR1)		
0	(OHMM)	1
MRPS 1 Resistivity Cell Temperature (B1TR)		
70	(DEGC)	90

PIP SUMMARY

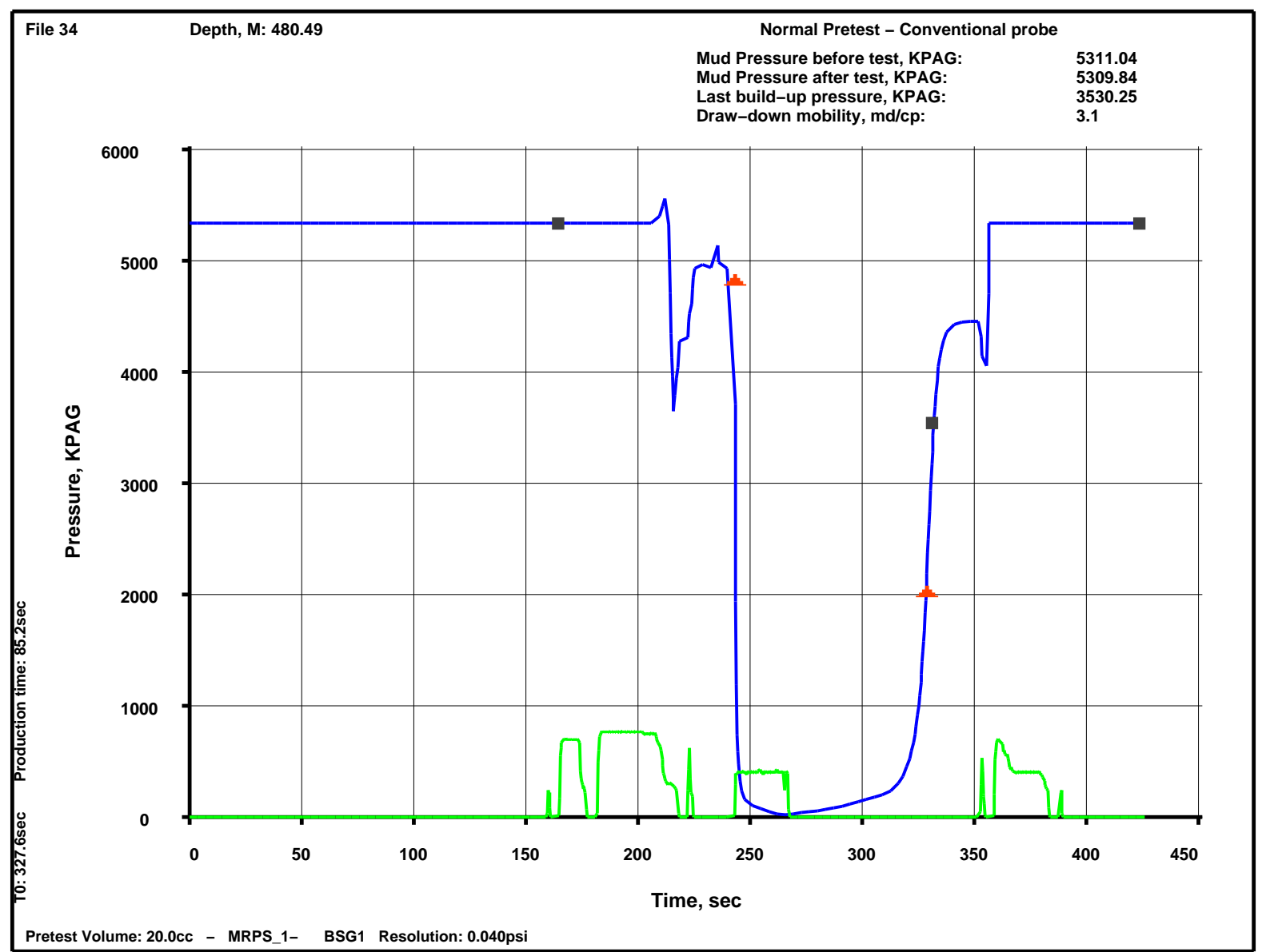
 Time Mark Every 60 S		
Format: MRPS_1_SGQG_Station	Vertical Scale: 1" per 60S	Graphics File Created: 01-Jul-2004 03:56

OP System Version: 12C0-301
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT	MDT_034LTP	FN:39	PRODUCER	01-Jul-2004 03:56
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Company:

Well:

Output DLIS Files

DEFAULT

MDT_036LTP

FN:41

PRODUCER

01-Jul-2004 04:15

501.5 M

1.2 M

Elapsed Time (s)	Event Summary
358.8	Retract Single Probe Module (MRPS) 1
252.6	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
177.6	Probe Set @ 501.5 M Single Probe Module (MRPS) 1

PIP SUMMARY

☒ Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature
(B1TR)
70 (DEGC) 90

MRPS 1 Flowline Fluid Resistivity
(BFR1)
0 (OHMM) 1

MRPS 1 Quartz Gauge Temperature
(BQT1)
70 (DEGC) 90

MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIA) 6000

MRHY 1
Motor
Speed
(HMS1)
(RPM)
0 8000

MRPS 1 Quartz
Gauge Pressure
(BQP1)
0 (PSIA) 10

MRPS 1 Strain Gauge Pressure (BSG1)
0 (PSIG) 6000

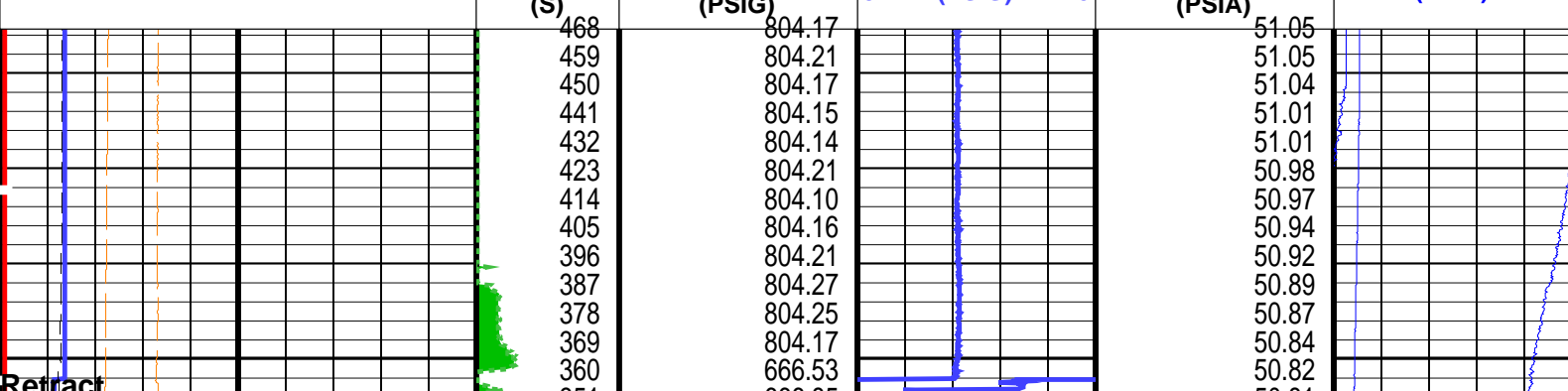
Elapsed
Time
(ETIM)
(S)

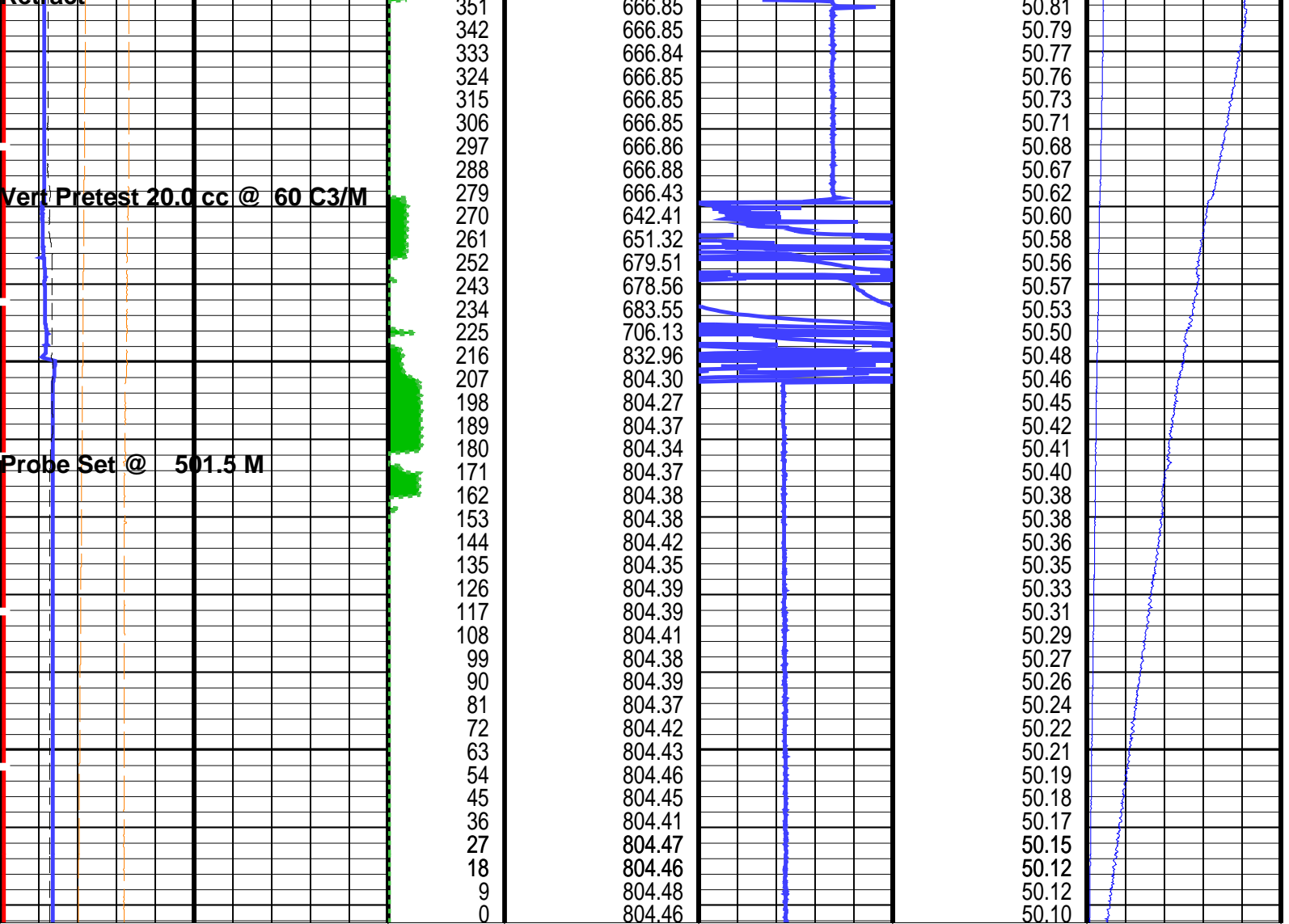
MRPS 1 Strain
Gauge Pressure
(BSG1)
(PSIG)

MRPS 1 Strain
Gauge Pressure
(BSG1)
0 (PSIG) 10

MRPS 1 Quartz
Gauge Pressure
(BQP1)
(PSIA)

MRPS 1 Quartz
Gauge Pressure
(BQP1)
0 (PSIA) 1





MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 (PSIA) 10
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC) 70 90					
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM) 0 1					
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC) 70 90					

PIP SUMMARY

Time Mark Every 60 S

Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S

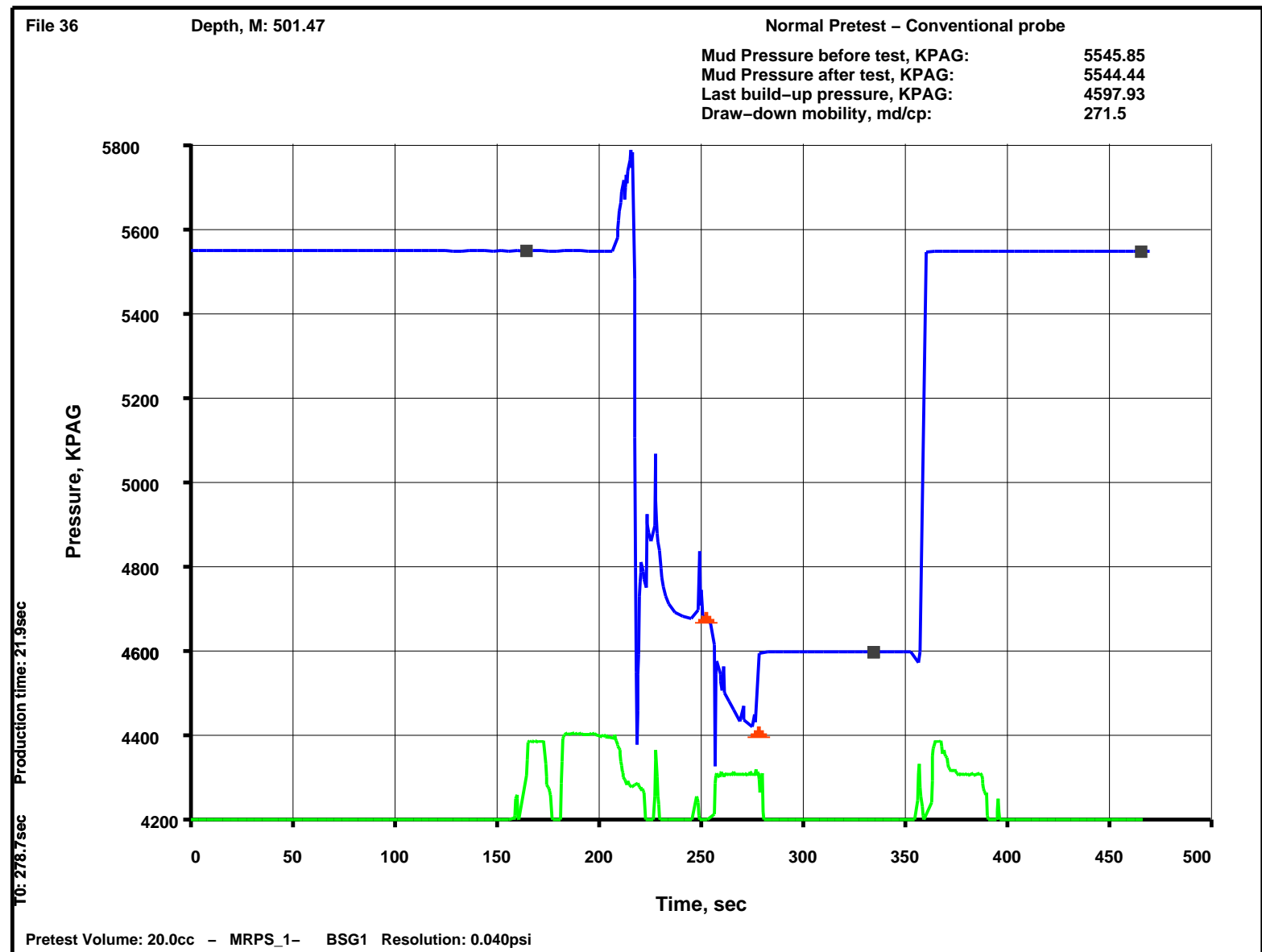
Graphics File Created: 01-Jul-2004 04:15

OP System Version: 12C0-301
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301

Output DLIS Files

DEFAULT	MDT_036LTP	FN:41	PRODUCER	01-Jul-2004 04:15
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Schlumberger

Pretest 503.1

MAXIS Field Log

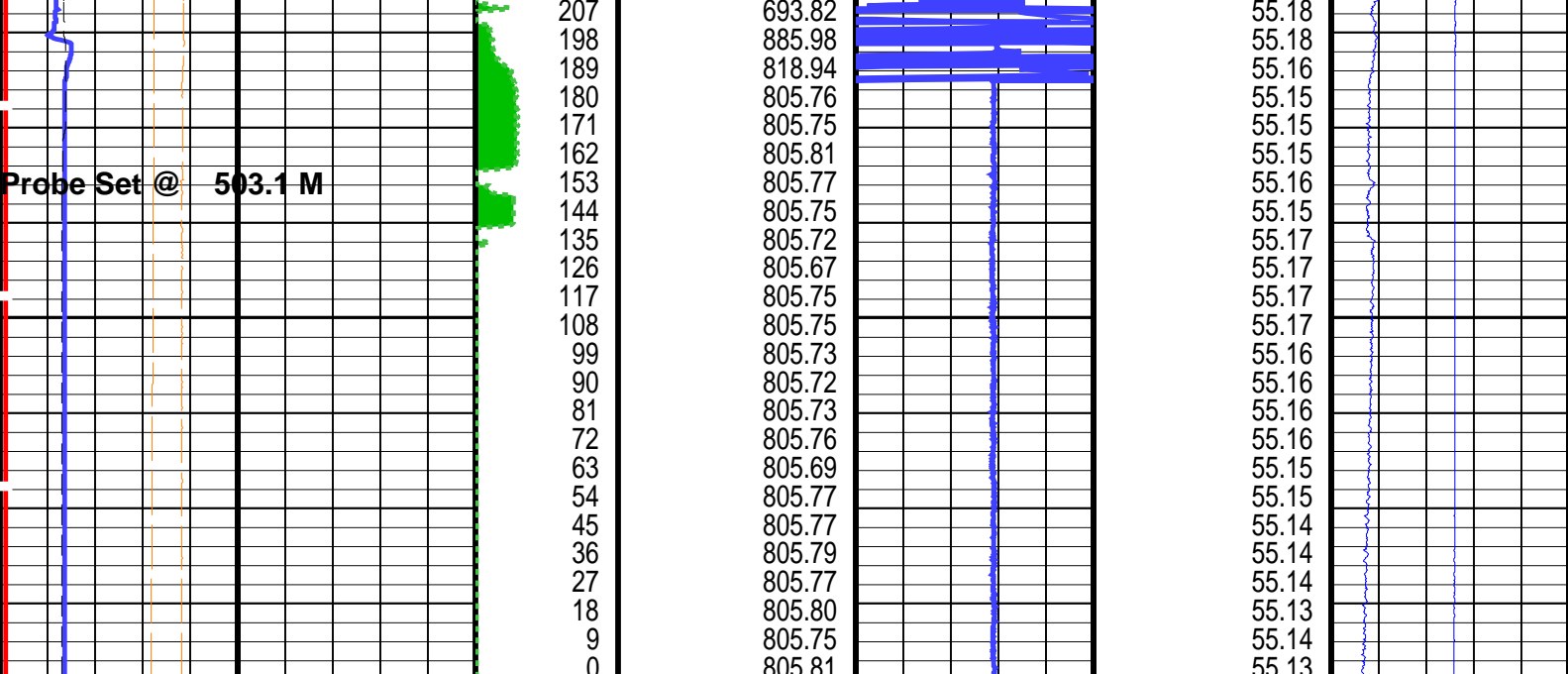
Company:	Well:
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Output DLIS Files

DEFAULT	MDT_040LTP	FN:45	PRODUCER	01-Jul-2004 04:56	503.1 M	1.4 M
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Elapsed Time (s)	Event Summary
458.7	Retract Single Probe Module (MRPS) 1
346.8	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
156.0	Probe Set @ 503.1 M Single Probe Module (MRPS) 1

PIP SUMMARY						
Time Mark Every 60 S						
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)						
70	90					
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)						
0	1					
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)						
70	90					
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)		MRHY 1 Motor Speed (HMS1) (RPM)			MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	
0	6000	0 8000			0	10
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)		Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)
0	6000			0 10		0 1
<div>Retract</div>		531	805.59		55.16	
		522	805.60		55.16	
		513	805.58		55.16	
		504	805.58		55.16	
		495	805.58		55.15	
		486	805.64		55.14	
		477	805.56		55.13	
		468	805.59		55.13	
		459	669.12		55.15	
		450	669.18		55.16	
		441	669.26		55.16	
		432	669.23		55.16	
		423	669.23		55.16	
		414	669.23		55.16	
		405	669.21		55.16	
		396	669.22		55.17	
		387	669.24		55.17	
		378	669.27		55.16	
		369	664.36		55.14	
		<div>Vert Pretest 20.0 cc @ 60 C3/M</div>		360	661.69	
351	675.99				55.15	
342	676.23				55.17	
333	677.26				55.18	
324	678.07				55.19	
315	678.81				55.18	
306	679.69				55.18	
297	680.56				55.19	
288	681.80				55.19	
279	681.82				55.20	
270	682.40		55.20			
261	682.30		55.19			
252	682.64		55.19			
243	685.12		55.20			
234	685.30		55.20			
225	685.40		55.19			
216	687.54		55.19			



MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 1
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000			MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 10	
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC) 70 90					
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM) 0 1					
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC) 70 90					

PIP SUMMARY

Time Mark Every 60 S
Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 01-Jul-2004 04:56

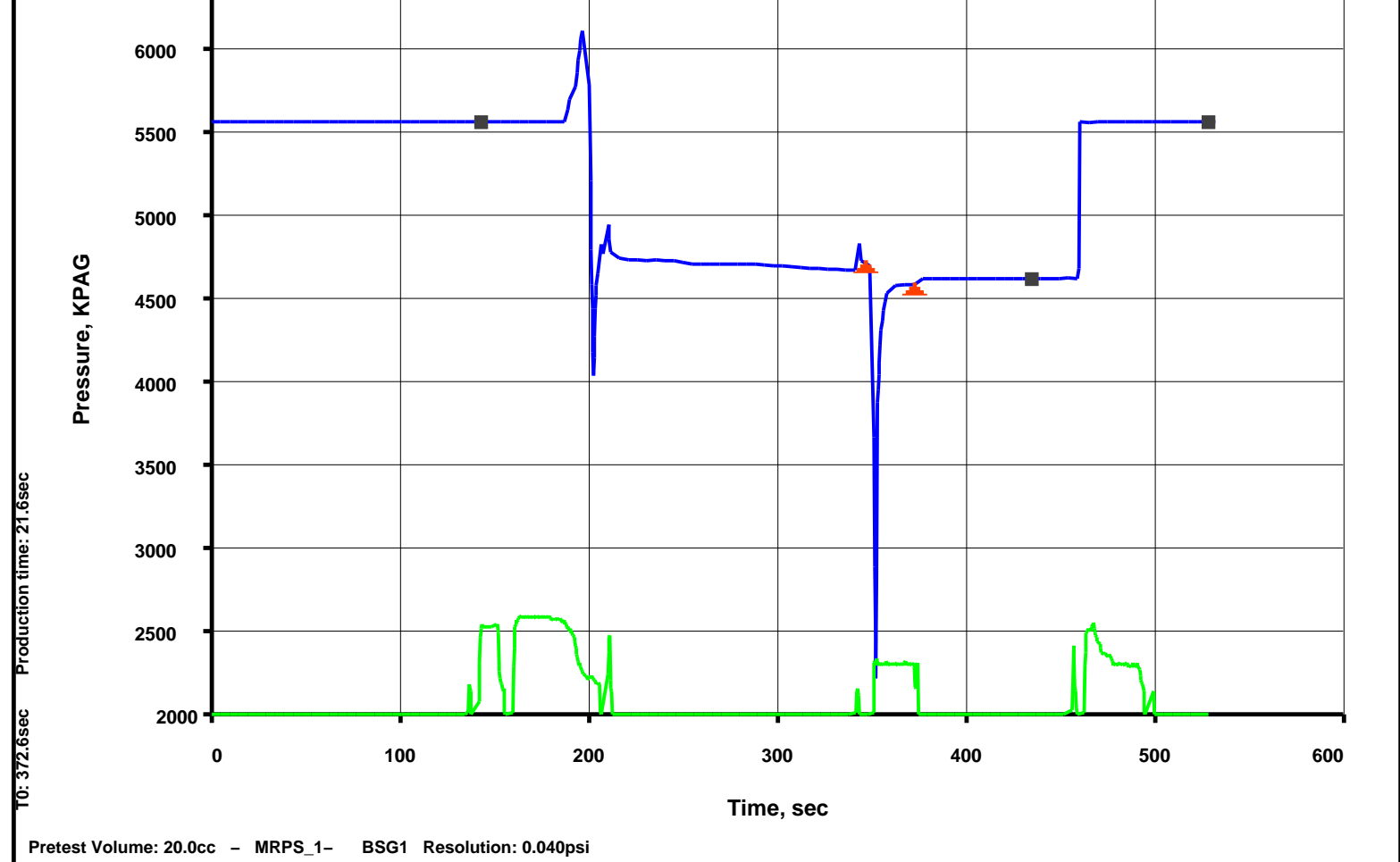
OP System Version: 12C0-301
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_040LTP FN:45 PRODUCER 01-Jul-2004 04:56

File 40 Depth, M: 503.10 Normal Pretest - Conventional probe
Mud Pressure before test, KPAG: 5555.41
Mud Pressure after test, KPAG: 5554.39
Last build-up pressure, KPAG: 4614.23
Draw-down mobility, md/cp: 152.9



Schlumberger

Pretest 504.9

MAXIS Field Log

Company: Well:

Output DLIS Files

DEFAULT

MDT_037LTP

FN:42

PRODUCER

01-Jul-2004 04:25

Elapsed Time (s)	Event Summary
402.0	Retract Single Probe Module (MRPS) 1
237.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
170.4	Probe Set @ 504.9 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR)

70 (DEGC) 90											
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)											
0 1											
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC) 70 90											
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 6000			MRHY 1 Motor Speed (HMS1) (RPM) 0 8000						MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA) 0 10		
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 6000			Elapsed Time (ETIM) (S)			MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)			MRPS 1 Strain Gauge Pressure (BSG1) (PSIG) 0 10		
									MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)		
									MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)		
			450			809.24			52.42		
			441			809.26			52.42		
			432			809.20			52.39		
			423			809.17			52.37		
			414			808.96			52.35		
			405			808.59			52.30		
Retract			396			5.82			52.07		
			387			5.79			52.05		
			378			5.70			52.02		
			369			5.63			52.00		
			360			5.59			51.98		
			351			5.54			51.96		
			342			5.41			51.93		
			333			5.35			51.91		
			324			5.16			51.89		
			315			5.02			51.86		
			306			4.89			51.84		
			297			4.68			51.82		
			288			4.53			51.80		
			279			4.35			51.77		
Vert Pretest 20.0 cc @ 60 C3/M			270			4.09			51.76		
			261			6.32			51.73		
			252			52.77			51.83		
			243			660.66			51.88		
			234			799.08			51.89		
			225			803.32			51.85		
			216			769.43			51.84		
			207			838.04			51.80		
			198			809.47			51.76		
			189			809.47			51.75		
			180			809.46			51.72		
Probe Set @ 504.9 M			171			809.48			51.73		
			162			809.50			51.69		
			153			809.44			51.68		
			144			809.44			51.66		
			135			809.46			51.65		
			126			809.50			51.62		
			117			809.48			51.60		
			108			809.51			51.57		
			99			809.50			51.55		
			90			809.48			51.53		
			81			809.54			51.51		
			72			809.52			51.48		
			63			809.47			51.46		
			54			809.48			51.44		
			45			809.50			51.42		
			36			809.51			51.39		
			27			809.52			51.37		
			18			809.52			51.35		
			9			809.55			51.32		
			0			809.55			51.29		

<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>0 (PSIG) 6000</div>	<div>Elapsed Time (ETIM) (S)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)</div> <div>0 (PSIG) 10</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div> <div>0 (PSIA) 1</div>
<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div> <div>0 (PSIA) 6000</div>	<div>MRHY 1 Motor Speed (HMS1) (RPM)</div> <div>0 8000</div>			<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div> <div>0 (PSIA) 10</div>	
<div>MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)</div> <div>70 (DEGC) 90</div>					
<div>MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)</div> <div>0 (OHMM) 1</div>					
<div>MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)</div> <div>70 (DEGC) 90</div>					

PIP SUMMARY

☒ Time Mark Every 60 S

Format: MRPS_1_SGQG_Station

Vertical Scale: 1" per 60S

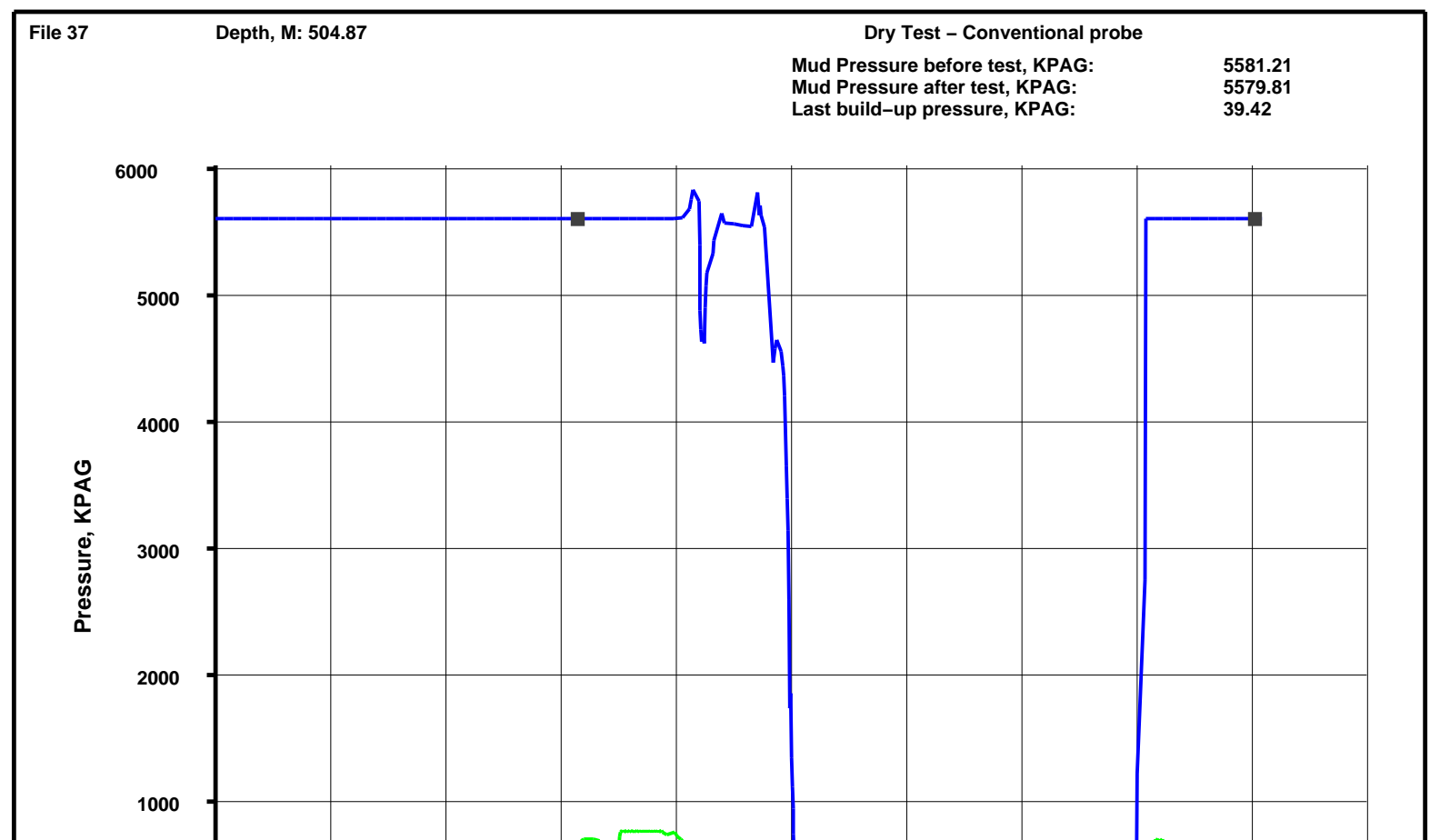
Graphics File Created: 01-Jul-2004 04:25

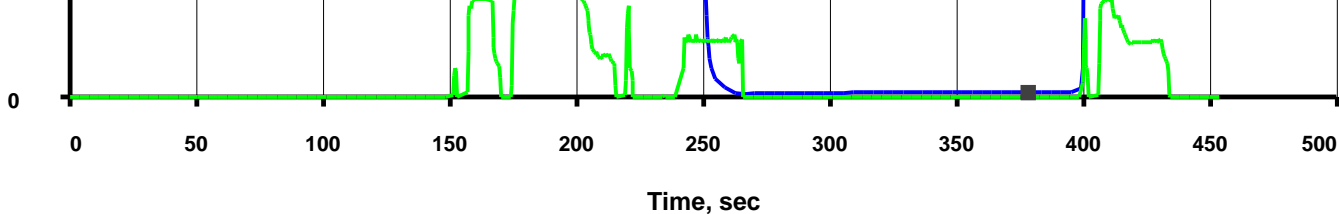
OP System Version: 12C0-301
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_037LTP FN:42 PRODUCER 01-Jul-2004 04:25





Pretest Volume: 20.0cc - MRPS_1- BSG1 Resolution: 0.040psi

Schlumberger

Pretest 511

MAXIS Field Log

Company:

Well:

Output DLIS Files

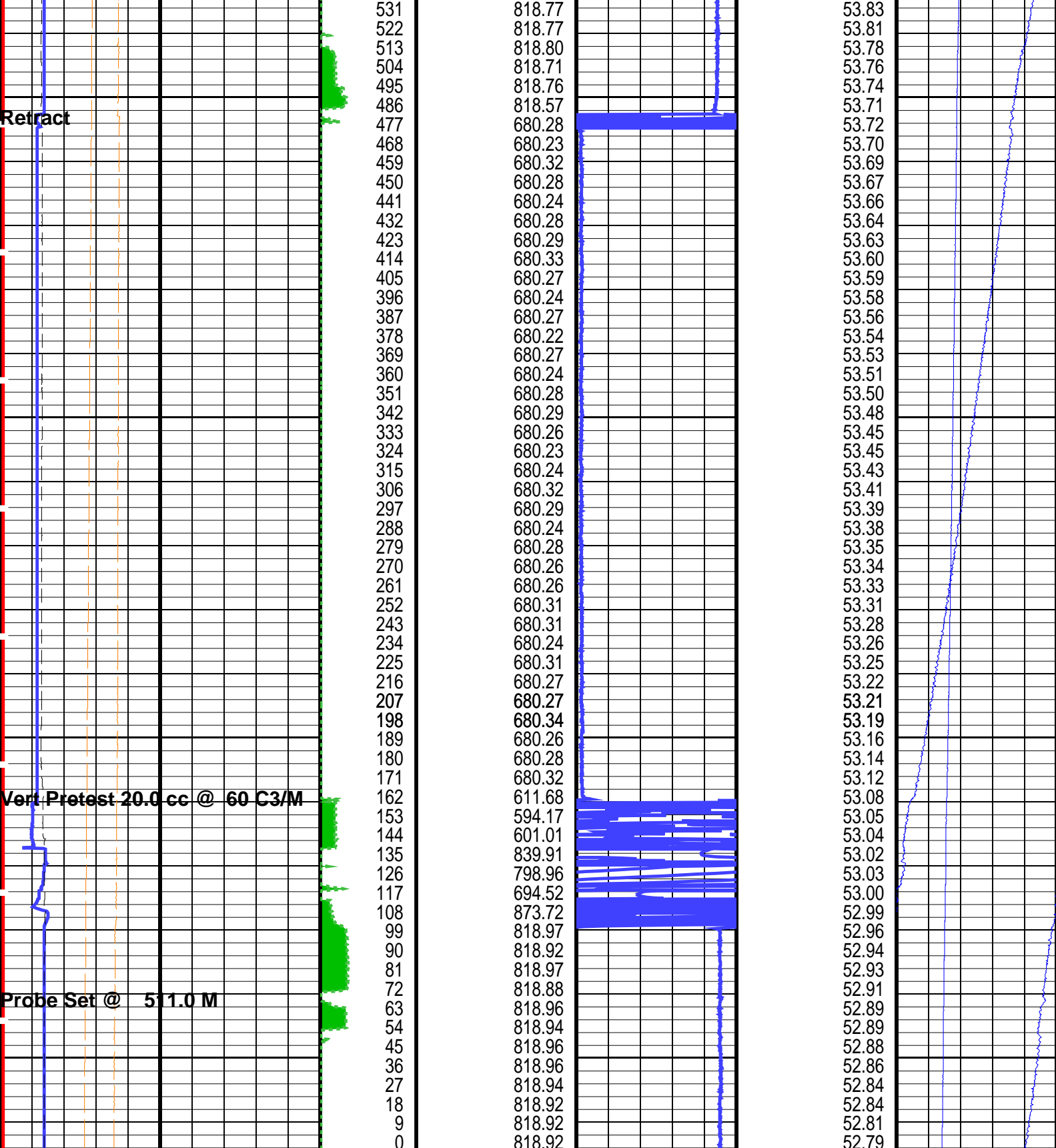
DEFAULT MDT_038LTP FN:43 PRODUCER 01-Jul-2004 04:35 511.0 M 1.4 M

Elapsed Time (s)	Event Summary
483.6	Retract Single Probe Module (MRPS) 1
136.5	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
70.2	Probe Set @ 511.0 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR)					
70	(DEGC)	90			
MRPS 1 Flowline Fluid Resistivity (BFR1)					
0	(OHMM)	1			
MRPS 1 Quartz Gauge Temperature (BQT1)					
70	(DEGC)	90			
MRPS 1 Quartz Gauge Pressure (BQP1)		MRHY 1 Motor Speed (HMS1) (RPM)		MRPS 1 Quartz Gauge Pressure (BQP1)	
0	(PSIA)	6000	0	8000	0 (PSIA) 10
MRPS 1 Strain Gauge Pressure (BSG1)		Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1)
0	(PSIG)	6000		0 (PSIG) 10	0 (PSIA) 1
		558	818.77		53.86
		549	818.72		53.86
		540	818.73		53.85



<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>0 (PSIG) 6000</div>	<div>Elapsed Time (ETIM) (S)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)</div> <div>0 (PSIG) 10</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div> <div>0 (PSIA) 1</div>
<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div> <div>0 (PSIA) 6000</div>	<div>MRHY 1 Motor Speed (HMS1) (RPM)</div> <div>0 8000</div>			<div>MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)</div> <div>0 (PSIA) 10</div>	
<div>MRPS 1 Quartz Gauge Temperature (BQT1) (°C)</div>					

70	(BQ11) (DEGC)	90
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)		
0		1
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)		
70		90

PIP SUMMARY

 Time Mark Every 60 S

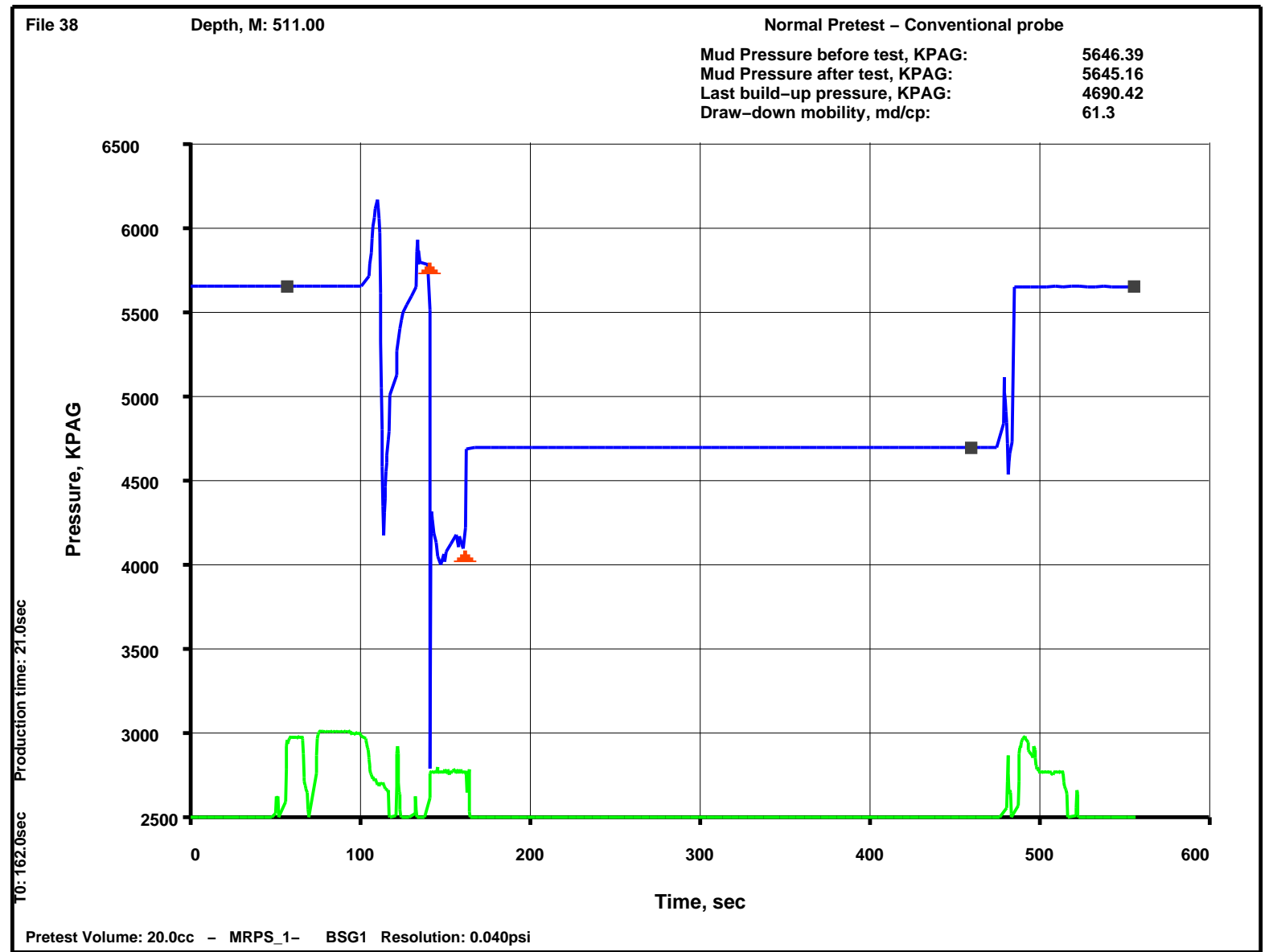
Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 01-Jul-2004 04:35

OP System Version: 12C0-301
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_038LTP FN:43 PRODUCER 01-Jul-2004 04:35



MAXIS Field Log

Company: Well:

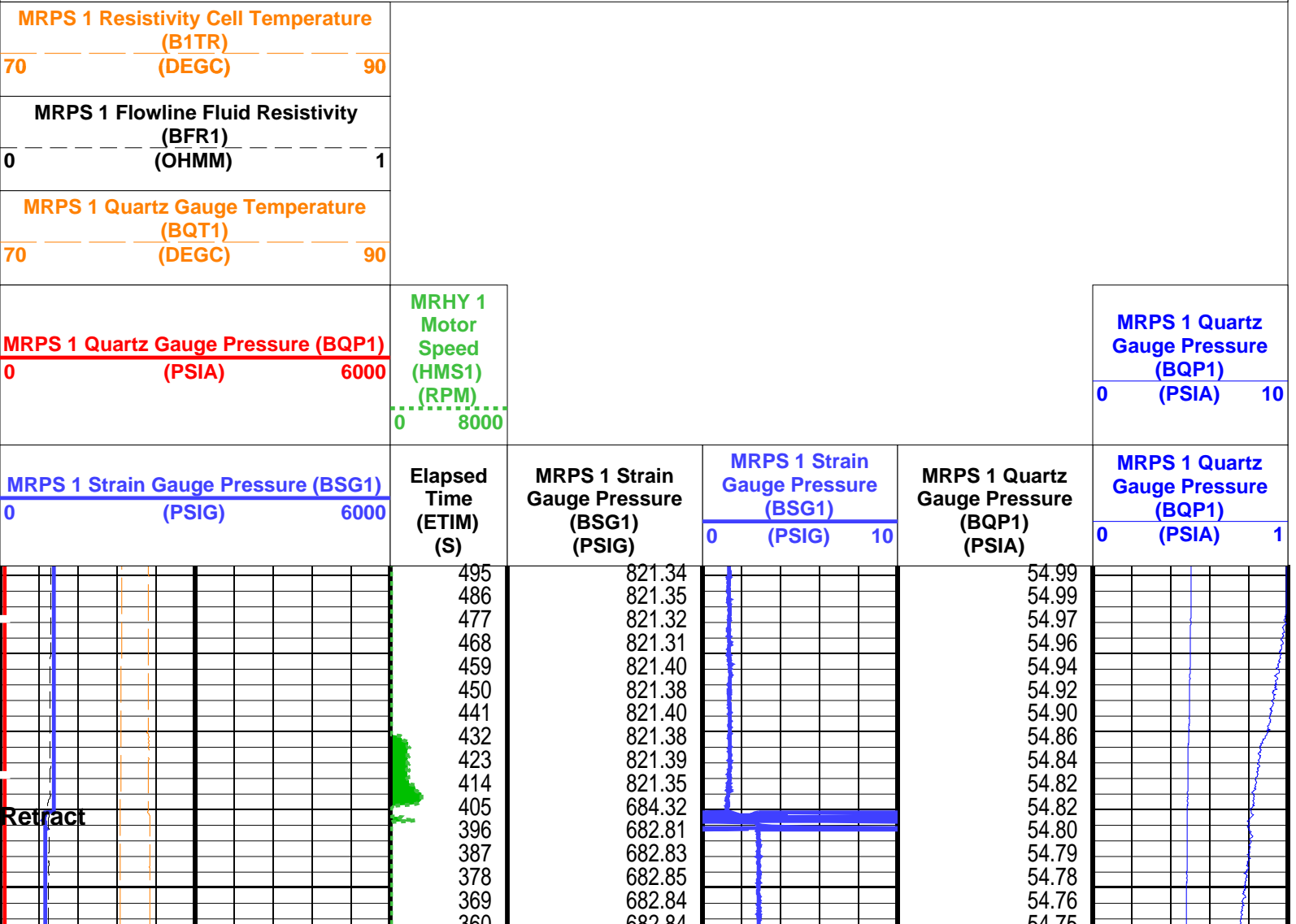
Output DLIS Files

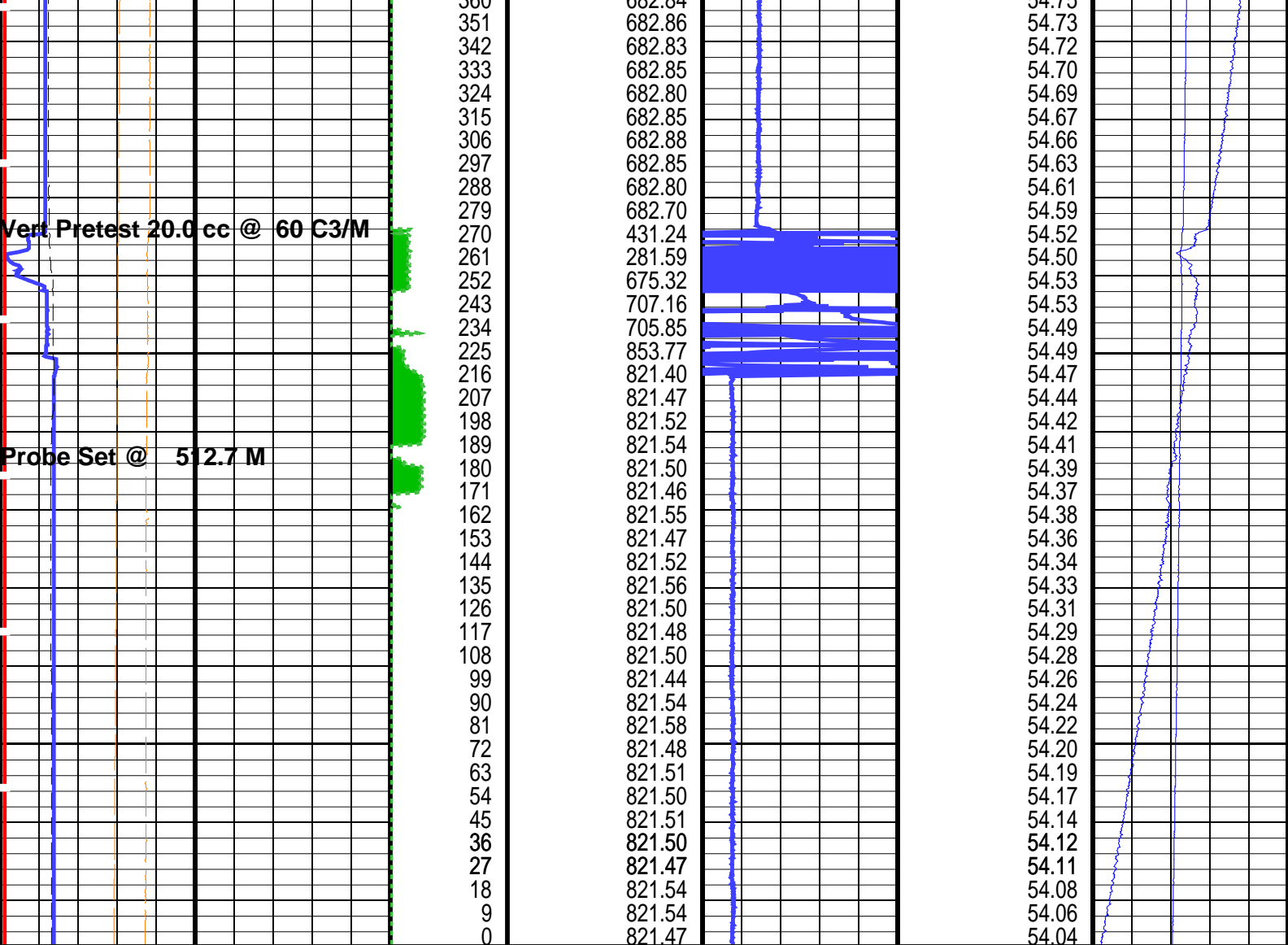
DEFAULT MDT_039LTP FN:44 PRODUCER 01-Jul-2004 04:45 512.7 M 1.3 M

Elapsed Time (s)	Event Summary
404.7	Retract Single Probe Module (MRPS) 1
246.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
187.8	Probe Set @ 512.7 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>0 (PSIG) 6000</div>	<div>Elapsed Time (ETIM)</div> <div>(S)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>(PSIG)</div>	<div>MRPS 1 Strain Gauge Pressure (BSG1)</div> <div>0 (PSIG) 10</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>(PSIA)</div>	<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>0 (PSIA) 1</div>
<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>0 (PSIA) 6000</div>	<div>MRHY 1 Motor Speed (HMS1) (RPM)</div> <div>0 8000</div>			<div>MRPS 1 Quartz Gauge Pressure (BQP1)</div> <div>0 (PSIA) 10</div>	
<div>MRPS 1 Quartz Gauge Temperature (BQT1)</div> <div>70 (DEGC) 90</div>					
<div>MRPS 1 Flowline Fluid Resistivity (BFR1)</div> <div>0 (OHMM) 1</div>					
<div>MRPS 1 Resistivity Cell Temperature (B1TR)</div> <div>70 (DEGC) 90</div>					

PIP SUMMARY

Time Mark Every 60 S

Format: MRPS_1_SGQG_Station

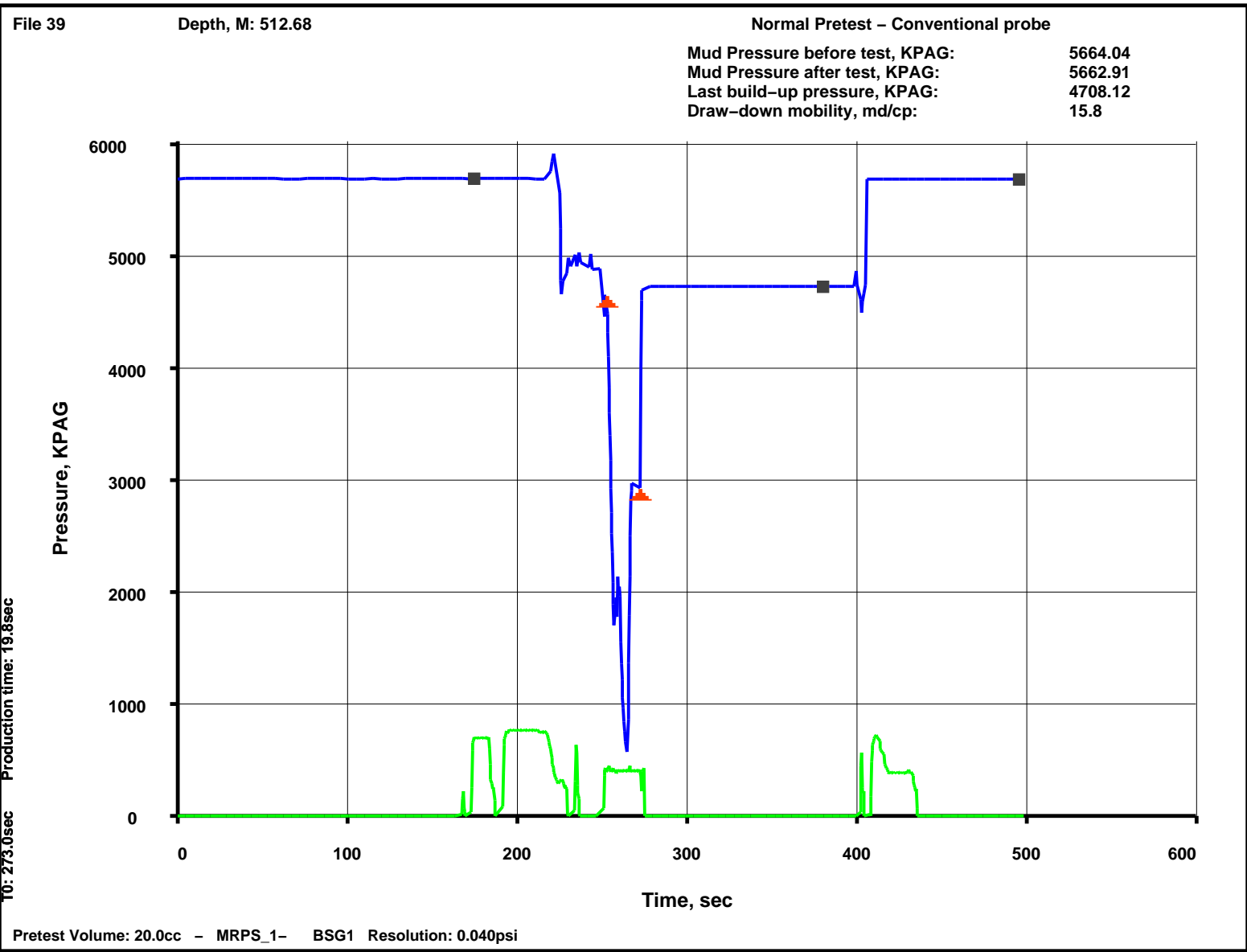
Vertical Scale: 1" per 60S

Graphics File Created: 01-Jul-2004 04:45

OP System Version: 12C0-301
MCM

Output DLIS Files

DEFAULT MDT_039LTP FN:44 PRODUCER 01-Jul-2004 04:45



Pretest 573.7

MAXIS Field Log

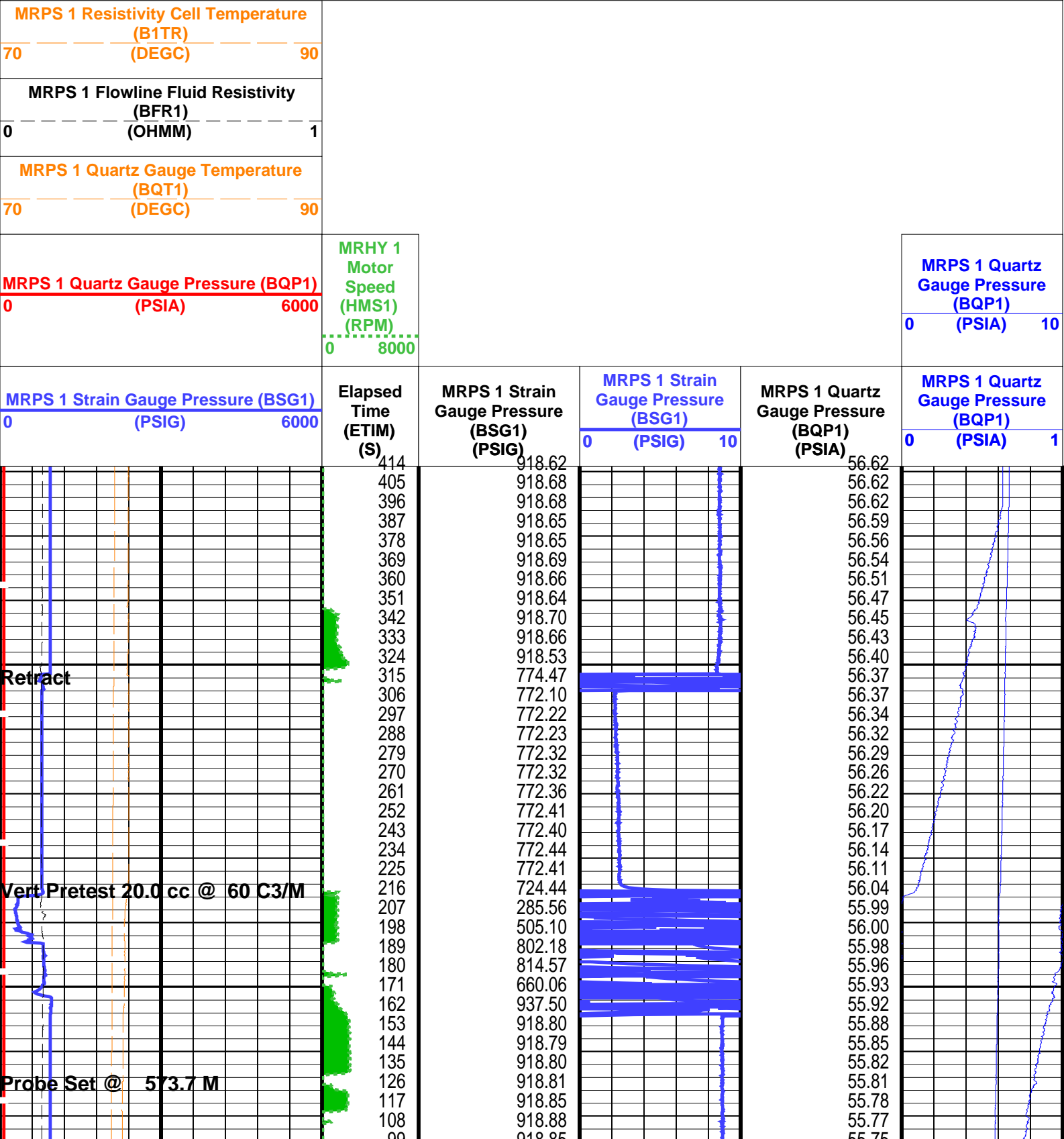
Company: _____ Well: _____

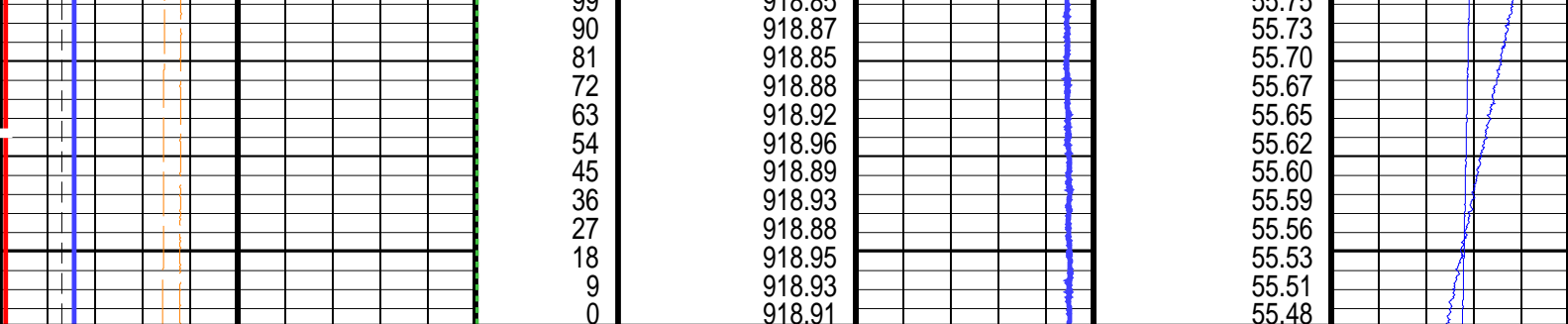
Output DLIS Files

DEFAULT MDT_041LTP FN:46 PRODUCER 01-Jul-2004 05:09

Elapsed Time (s)	Event Summary
317.4	Retract Single Probe Module (MRPS) 1
189.3	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
128.4	Probe Set @ 573.7 M Single Probe Module (MRPS) 1

PIP SUMMARY
Time Mark Every 60 S





MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC) 70 90					
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM) 0 1					
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC) 70 90					

PIP SUMMARY

Time Mark Every 60 S

Format: MRPS_1_SGQG_Station

Vertical Scale: 1" per 60S

Graphics File Created: 01-Jul-2004 05:09

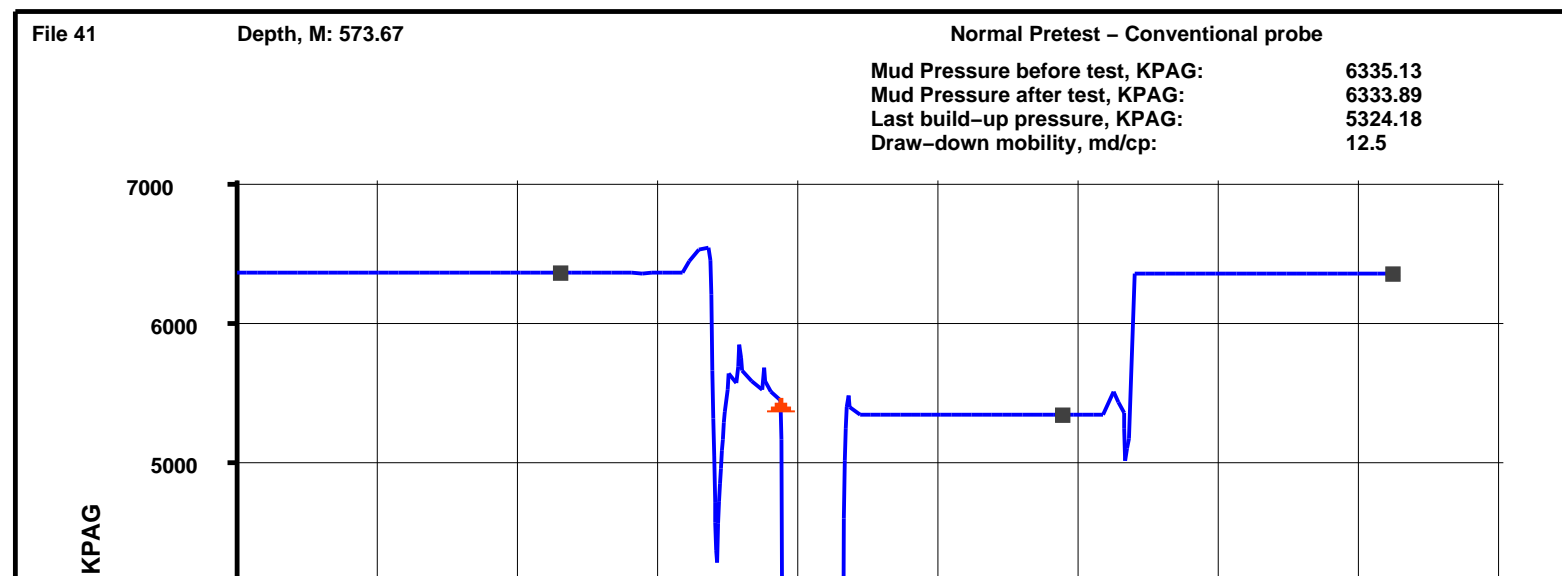
OP System Version: 12C0-301

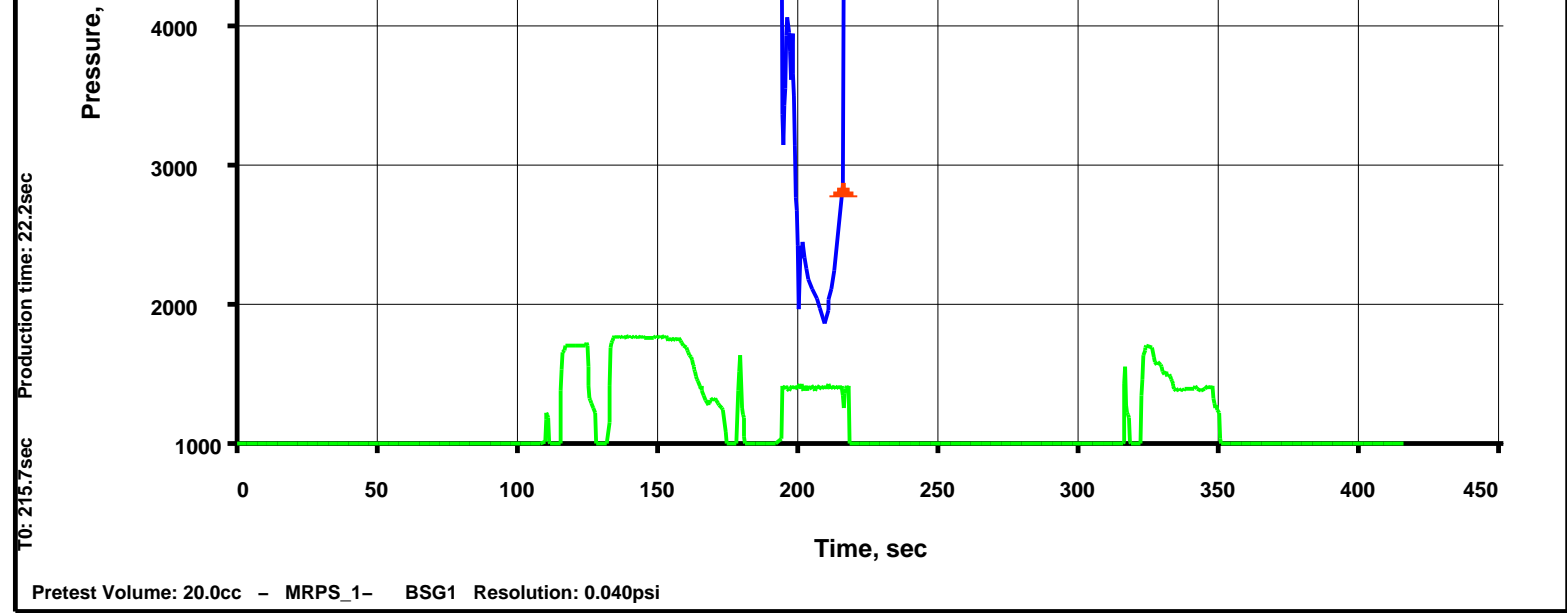
MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_041LTP FN:46 PRODUCER 01-Jul-2004 05:09





Schlumberger

Pretest 579.7

MAXIS Field Log

Company: Well:

Output DLIS Files

DEFAULT MDT_042LTP FN:47 PRODUCER 01-Jul-2004 05:19

Elapsed Time (s)	Event Summary
278.1	Retract Single Probe Module (MRPS) 1
170.1	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
109.2	Probe Set @ 579.7 M Single Probe Module (MRPS) 1

PIP SUMMARY

☒ Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR)	
70 (DEGC)	90
MRPS 1 Flowline Fluid Resistivity (BFR1)	
0 (OHMM)	1
MRPS 1 Quartz Gauge Temperature (BQT1)	
70 (DEGC)	90

MRPS 1 Quartz Gauge Pressure (BQP1)

MRHY 1
Motor

MRPS 1 Quartz
Gauge Pressure

MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 6000	Speed (HMS1) (RPM) 0 8000				Gauge Pressure (BQP1) 0 (PSIA) 10
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
Retract	333 324 315 306 297 288 279 270 261 252 243 234 225 216 207 198 189 180 171 162 153 144 135 126 117 108 99 90 81 72 63 54 45 36 27 18 9 0	929.90 929.90 929.82 929.90 929.04 927.92 119.79 1.61 1.74 1.72 1.61 1.43 1.34 1.23 1.07 0.78 3.49 17.48 993.56 1083.62 1005.01 961.90 928.15 928.13 928.08 928.14 928.12 928.15 928.23 928.15 928.18 928.16 928.19 928.18 928.19 928.23 928.16 928.15		58.24 58.24 58.23 58.16 58.14 58.11 56.93 56.39 56.36 56.34 56.33 56.35 56.44 56.63 56.95 57.43 57.48 57.51 57.74 57.73 57.66 57.63 57.59 57.56 57.54 57.52 57.47 57.47 57.45 57.41 57.38 57.36 57.33 57.30 57.27 57.23 57.21 57.17	
Vert Pretest 20.0 cc @ 60 C3/M					
Probe Set @ 579.7 M					
MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10
MRPS 1 Quartz Gauge Temperature (BQT1) 70 (DEGC) 90					
MRPS 1 Flowline Fluid Resistivity (BFR1) 0 (OHMM) 1					
MRPS 1 Resistivity Cell Temperature (B1TR) 70 (DEGC) 90					

PIP SUMMARY

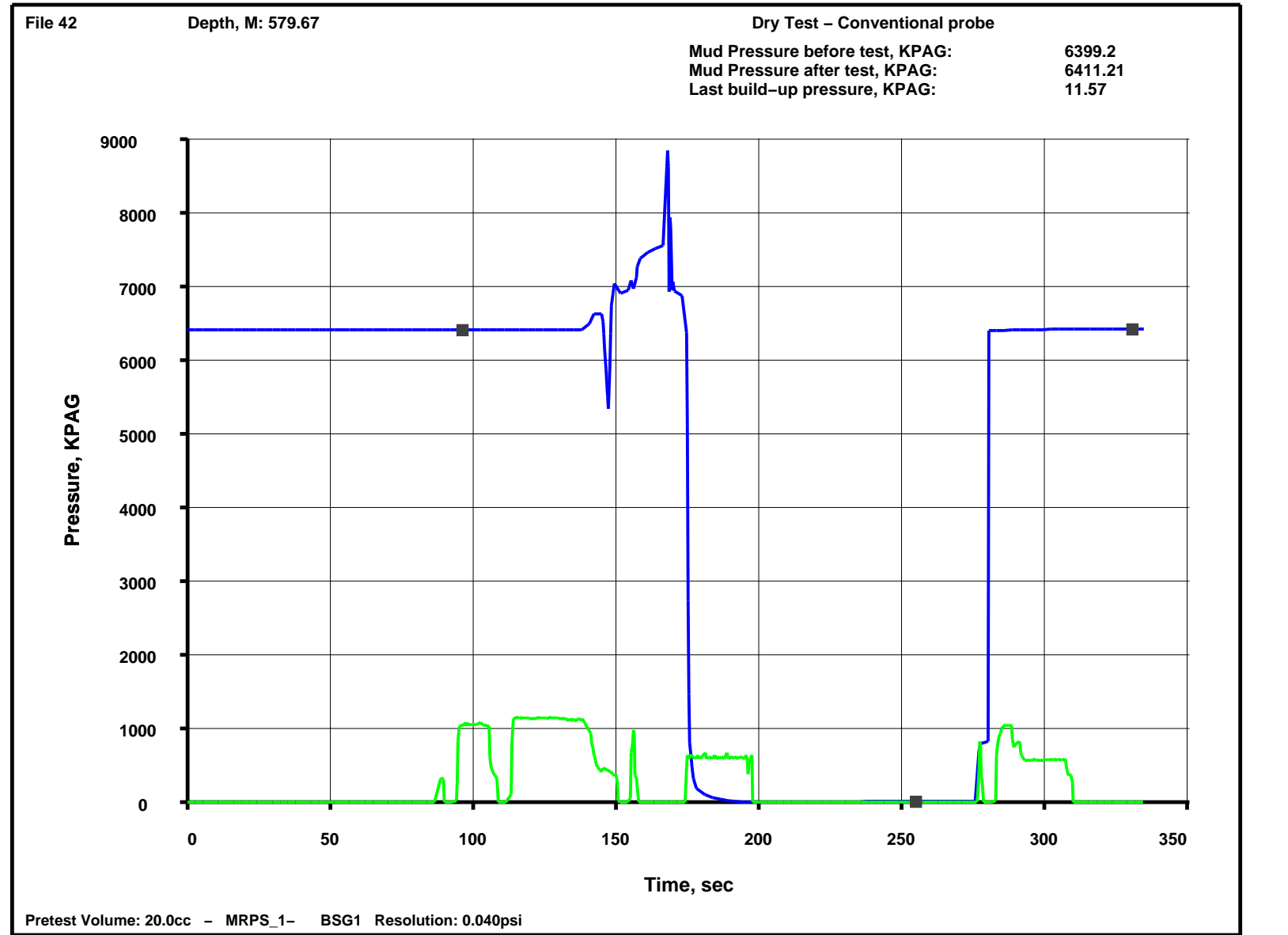
OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT	MDT_042LTP	FN:47	PRODUCER	01-Jul-2004 05:19
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Schlumberger

Pretest 633.2

MAXIS Field Log

Output DLIS Files

DEFAULT

MDT_045LTP

FN:50

PRODUCER

01-Jul-2004 05:40

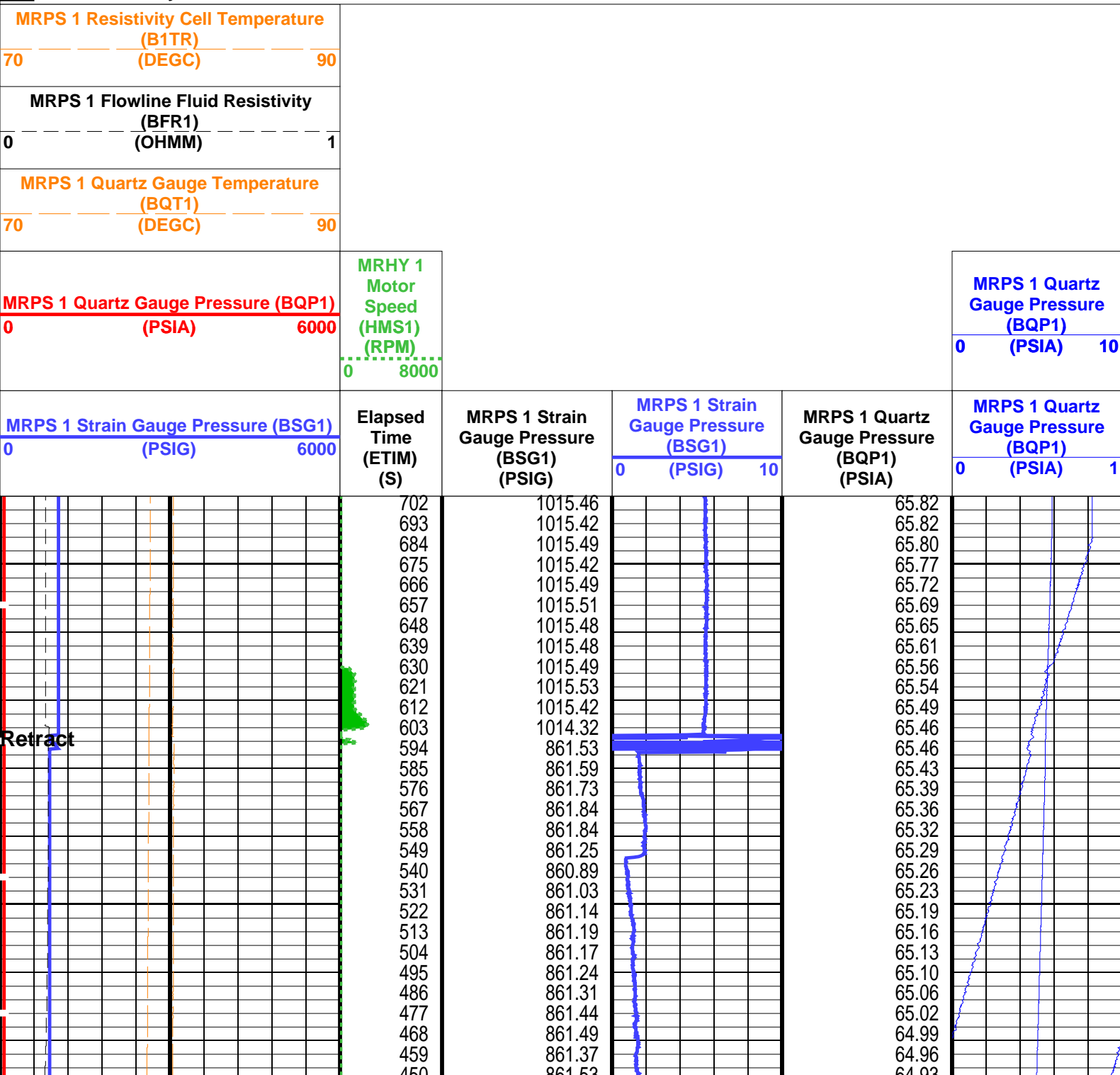
633.2 M

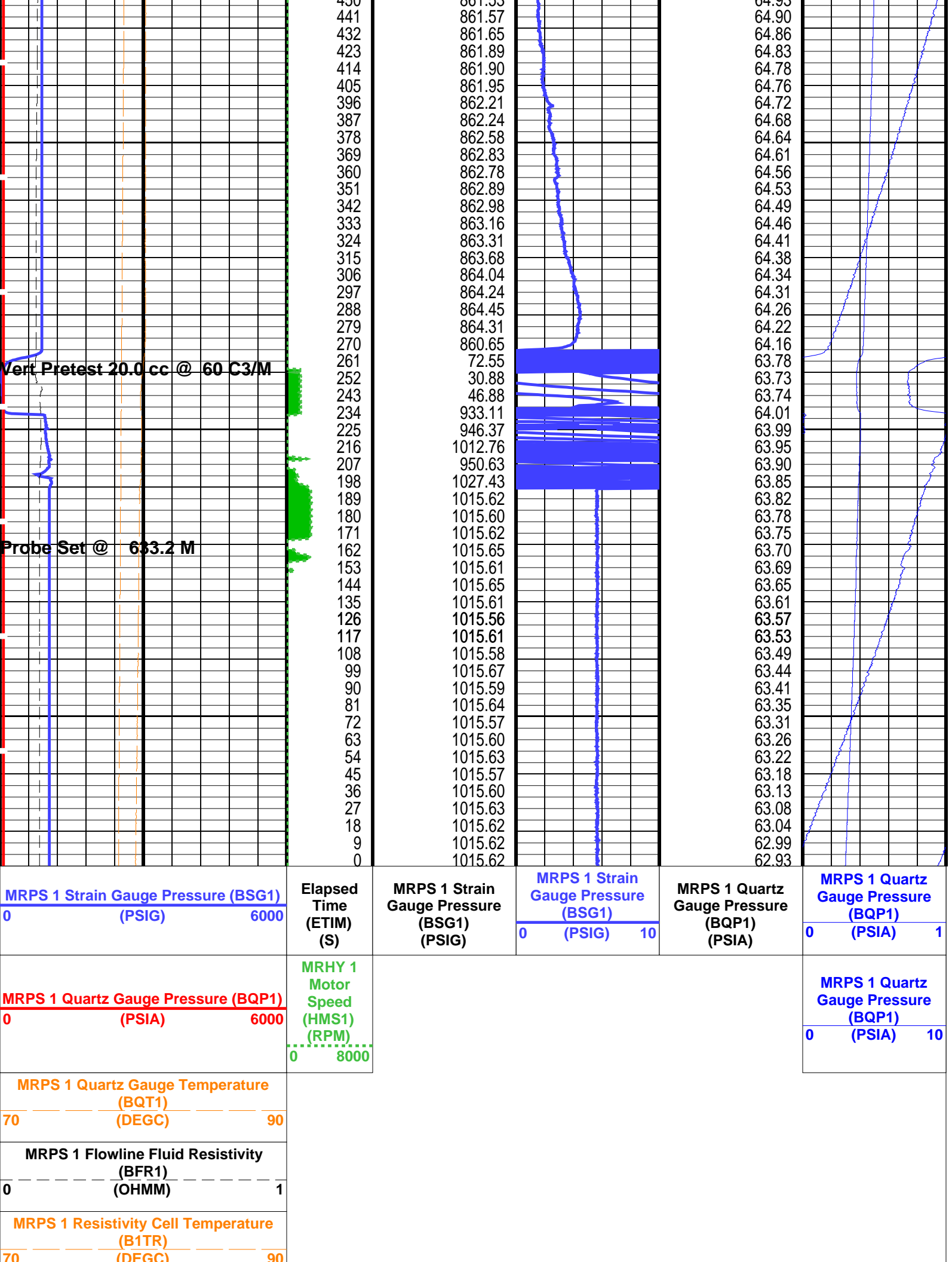
1.8 M

Elapsed Time (s)	Event Summary
601.5	Retract Single Probe Module (MRPS) 1
231.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
166.8	Probe Set @ 633.2 M Single Probe Module (MRPS) 1

PIP SUMMARY

Time Mark Every 60 S





PIP SUMMARY

Time Mark Every 60 S

Format: MRPS_1_SGQG_Station

Vertical Scale: 1" per 60S

Graphics File Created: 01-Jul-2004 05:40

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

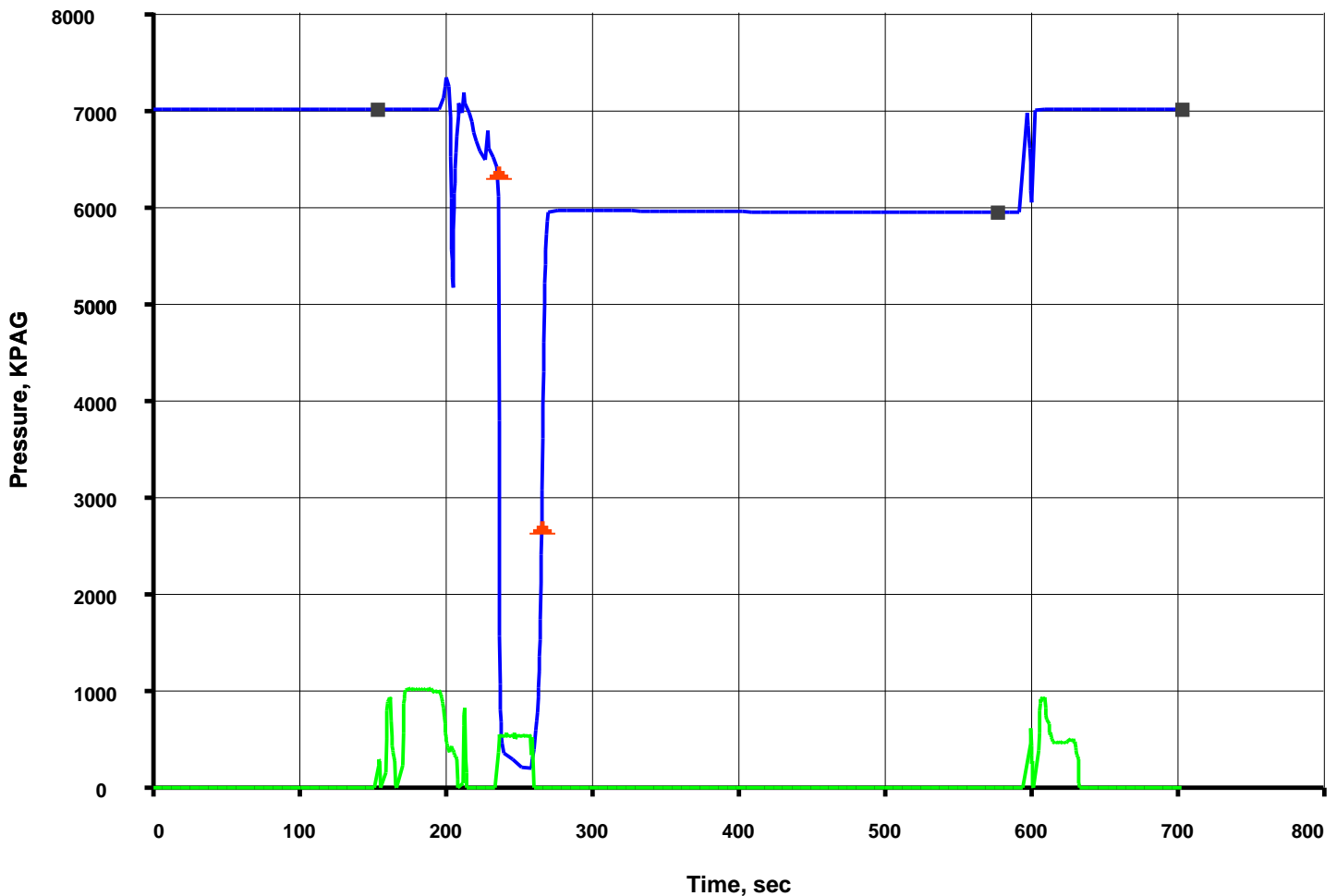
DEFAULT MDT_045LTP FN:50 PRODUCER 01-Jul-2004 05:40

File 45

Depth, M: 633.21

Normal Pretest - Conventional probe

Mud Pressure before test, KPAG: 7002.44
Mud Pressure after test, KPAG: 7001.22
Last build-up pressure, KPAG: 5940.8
Draw-down mobility, md/cp: 4.8



Pretest Volume: 20.0cc - MRPS_1- BSG1 Resolution: 0.040psi

Schlumberger

Pretest 633.7

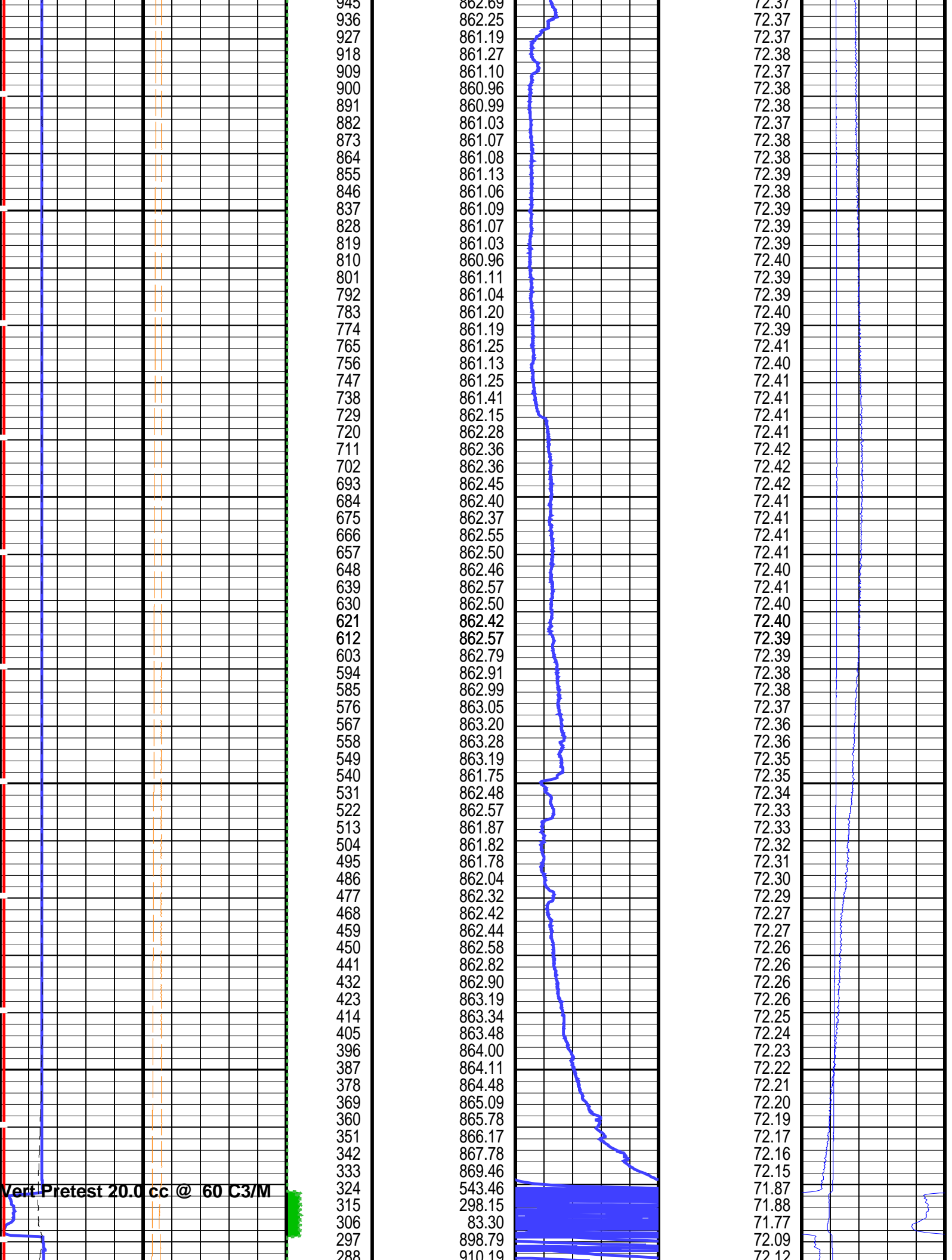
Well:

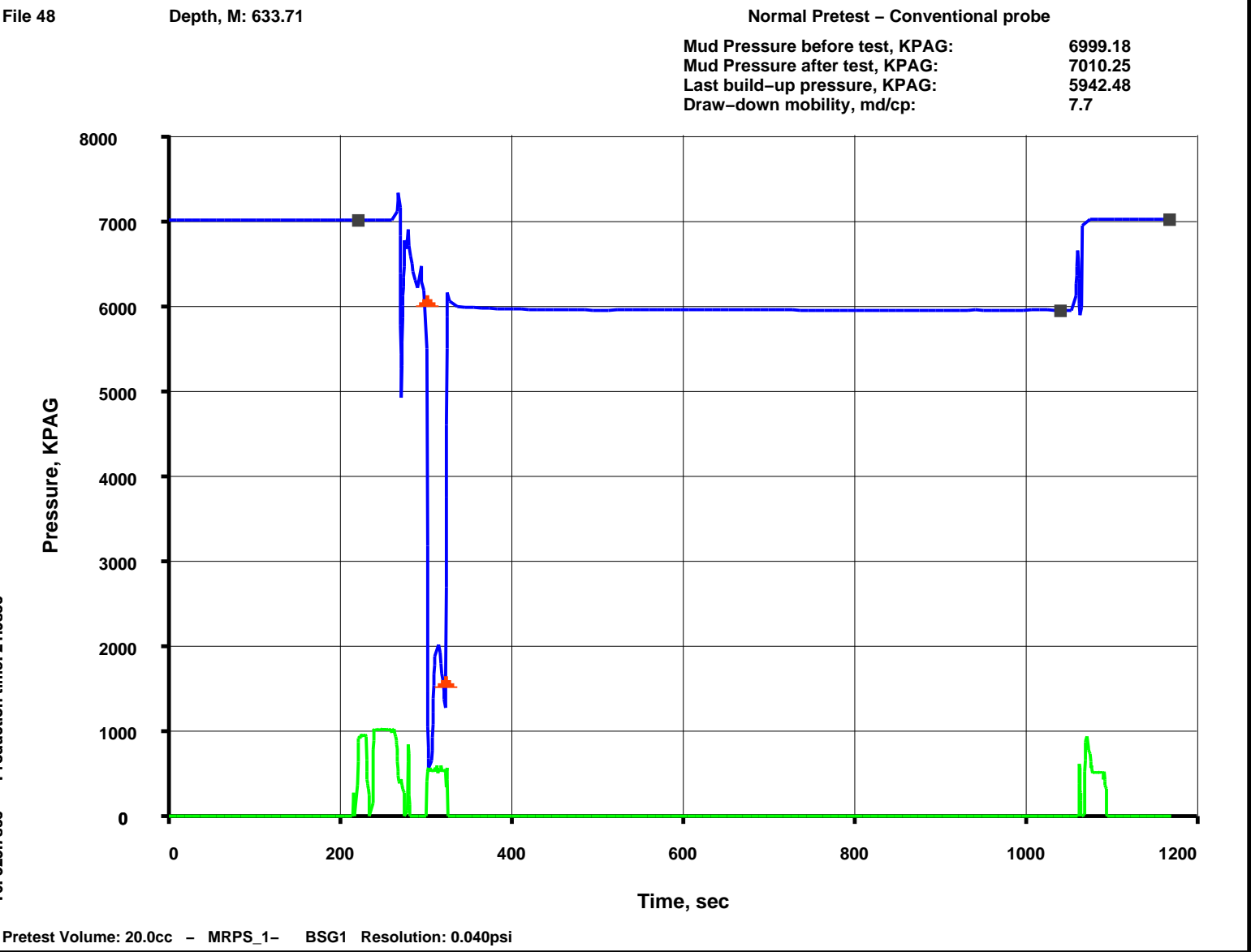
DEFAULT	MDT 048LTP	FN:53	PRODUCER	01-Jul-2004 06:33	633.7 M	3.0 M
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Elapsed Time (s)	Event Summary
1064.4	Retract Single Probe Module (MRPS) 1
297.6	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
234.6	Probe Set @ 633.7 M Single Probe Module (MRPS) 1

Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)								
70		90						
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)								
0		1						
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)								
70		90						
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)			MRHY 1 Motor Speed (HMS1) (RPM)			MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)		
0		6000	0		8000	0		10
MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)			Elapsed Time (ETIM) (S)			MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)		
0		6000				0		10
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)						MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)		
0		1				0		1
			1170		1016.74			72.38
			1161		1016.74			72.38
			1152		1016.76			72.38
			1143		1016.73			72.37
			1134		1016.76			72.36
			1125		1016.77			72.35
			1116		1016.83			72.35
			1107		1016.84			72.34
			1098		1016.80			72.33
			1089		1016.73			72.31
			1080		1016.83			72.32
			1071		1016.70			72.31
			1062		941.01			72.30
			1053		861.24			72.34
			1044		861.87			72.35
			1035		861.83			72.35
			1026		862.12			72.35
			1017		862.32			72.35
			1008		862.37			72.36
			999		861.54			72.36
			990		861.19			72.36
			981		861.27			72.36
			972		861.54			72.37
			963		861.59			72.36
			954		861.67			72.37
			945		862.60			72.37





Schlumberger

Pretest 634.1

MAXIS Field Log

Company:

Well:

Output DLIS Files

DEFAULT

MDT_046LTP

FN:51

PRODUCER

01-Jul-2004 05:54

634.1 M

3.0 M

Elapsed Time (s)	Event Summary
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1144.2	Retract Single Probe Module (MRPS) 1
795.9	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
105.3	Probe Set @ 634.1 M Single Probe Module (MRPS) 1

PIP SUMMARY

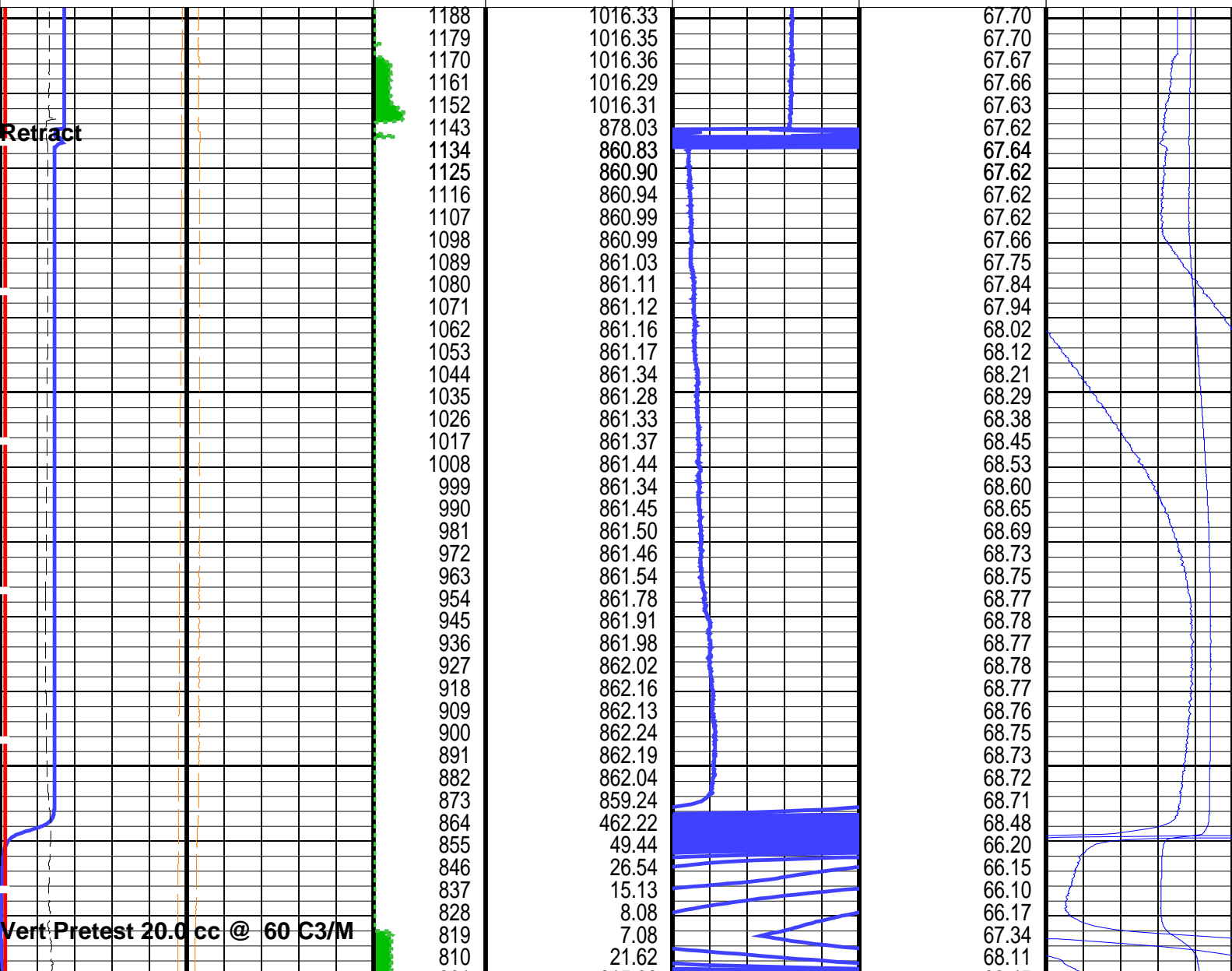
MRPS 1 Resistivity Cell Temperature (B1TR)		
70	(DEGC)	90

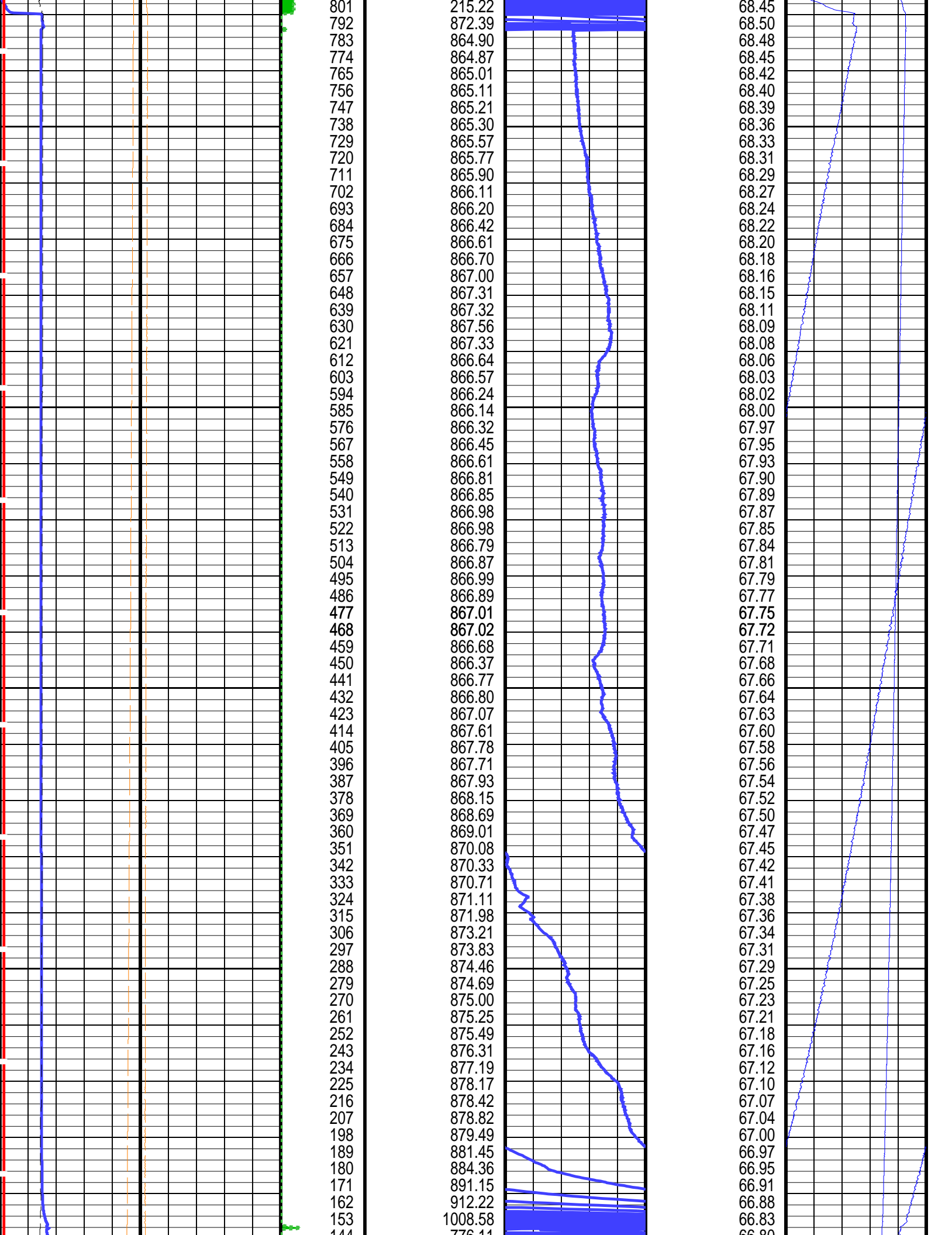
MRPS 1 Quartz Gauge Temperature (BQT1)		
70	(DEGC)	90

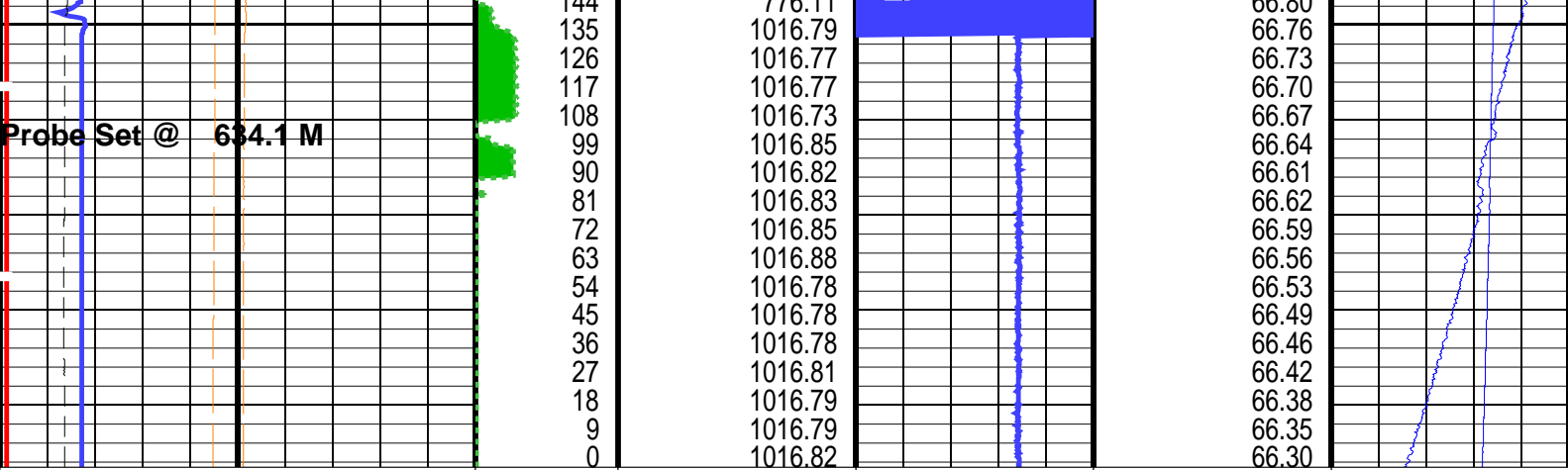
MRPS 1 Quartz
Gauge Pressure
(BQP1)

0	(PSIA)	10
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MRPS 1 Strain Gauge Pressure (BSG1)	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1)	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1)
0 (PSIG) 6000			0 (PSIG) 10		0 (PSIA) 1







MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) 0 (PSIG) 10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 1
MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 6000	MRHY 1 Motor Speed (HMS1) (RPM) 0 8000				MRPS 1 Quartz Gauge Pressure (BQP1) 0 (PSIA) 10
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC) 70 90					
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM) 0 1					
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC) 70 90					

PIP SUMMARY

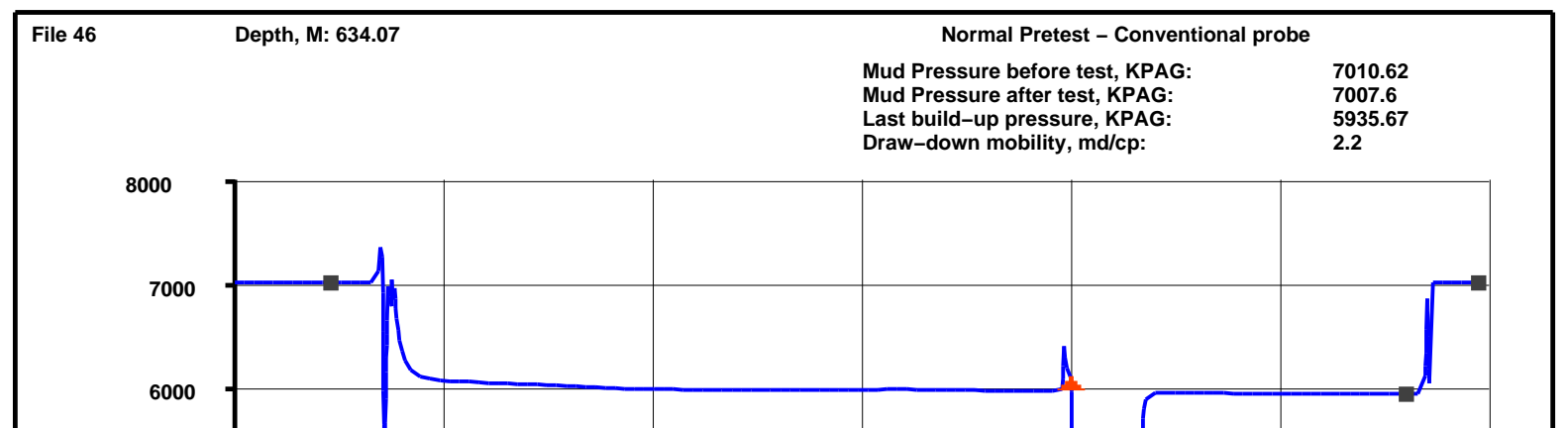
Time Mark Every 60 S
 Format: MRPS_1_SGQG_Station Vertical Scale: 1" per 60S Graphics File Created: 01-Jul-2004 05:54

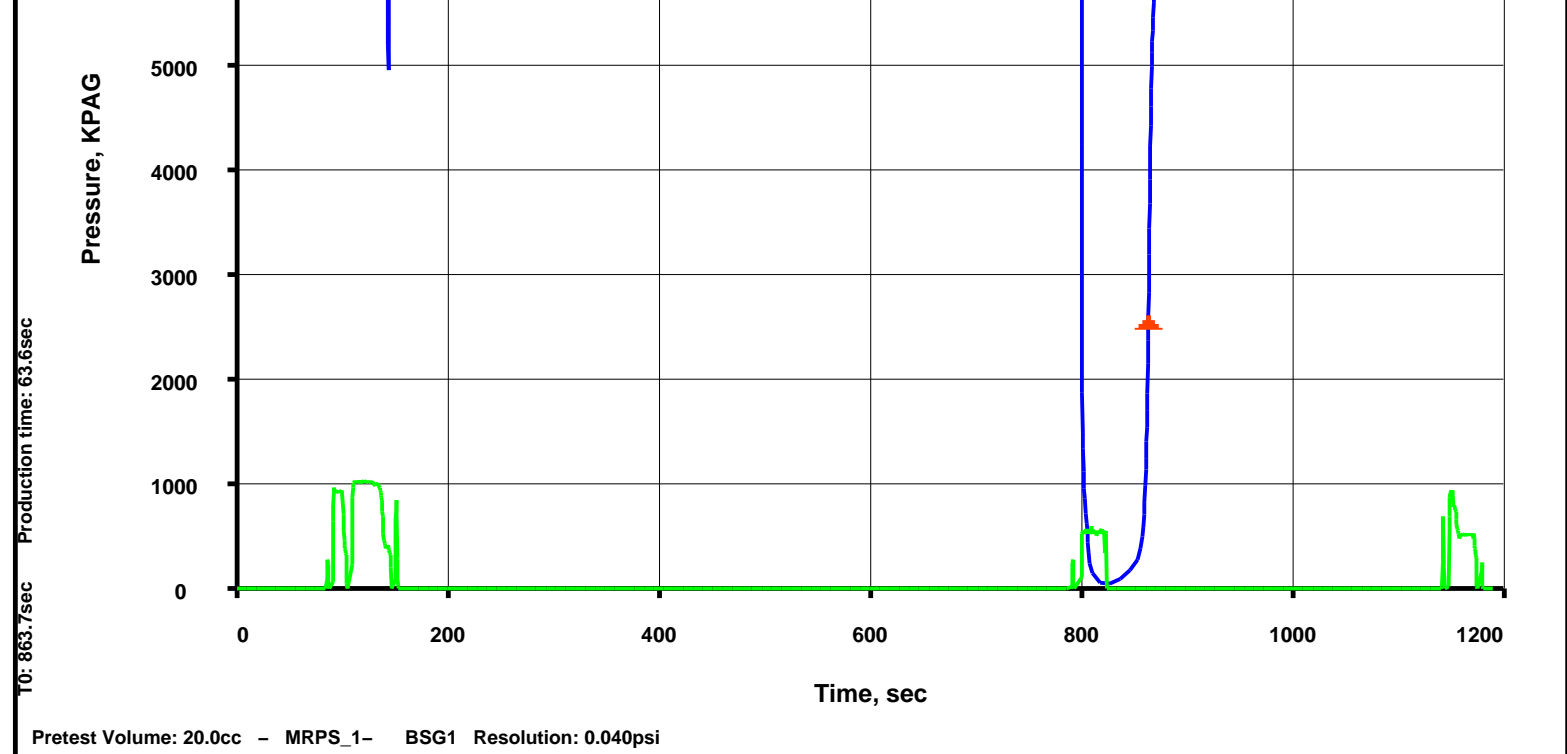
OP System Version: 12C0-301 MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

Output DLIS Files

DEFAULT MDT_046LTP FN:51 PRODUCER 01-Jul-2004 05:54





Schlumberger

Pretest 637.5

MAXIS Field Log

Company: Well:

Output DLIS Files

DEFAULT MDT_047LTP FN:52 PRODUCER 01-Jul-2004 06:15 637.5 M 1.9 M

Elapsed Time (s)	Event Summary
674.1	Retract Single Probe Module (MRPS) 1
226.5	Vert Pretest 20.0 cc @ 60 C3/M Single Probe Module (MRPS) 1
160.5	Probe Set @ 637.5 M Single Probe Module (MRPS) 1

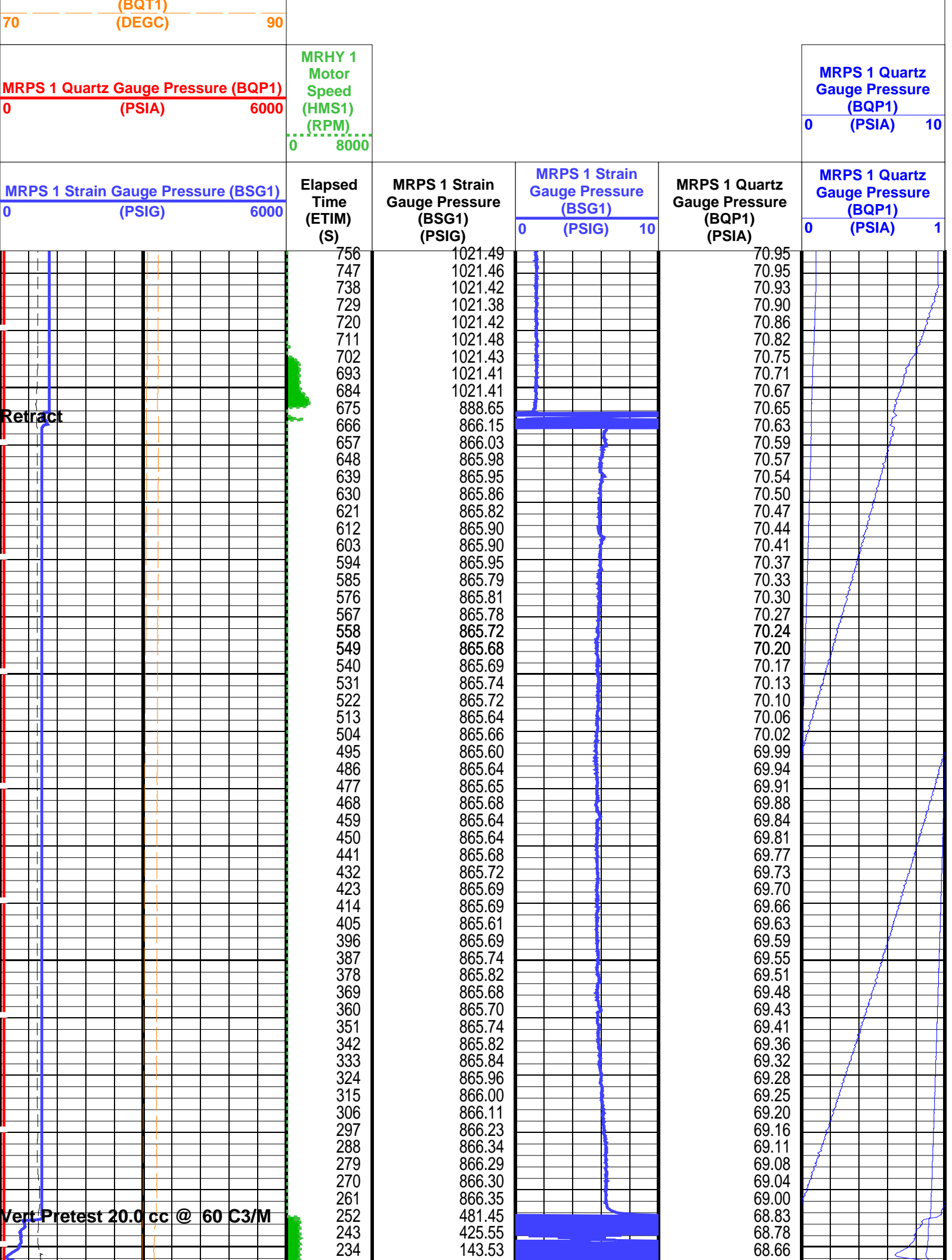
PIP SUMMARY

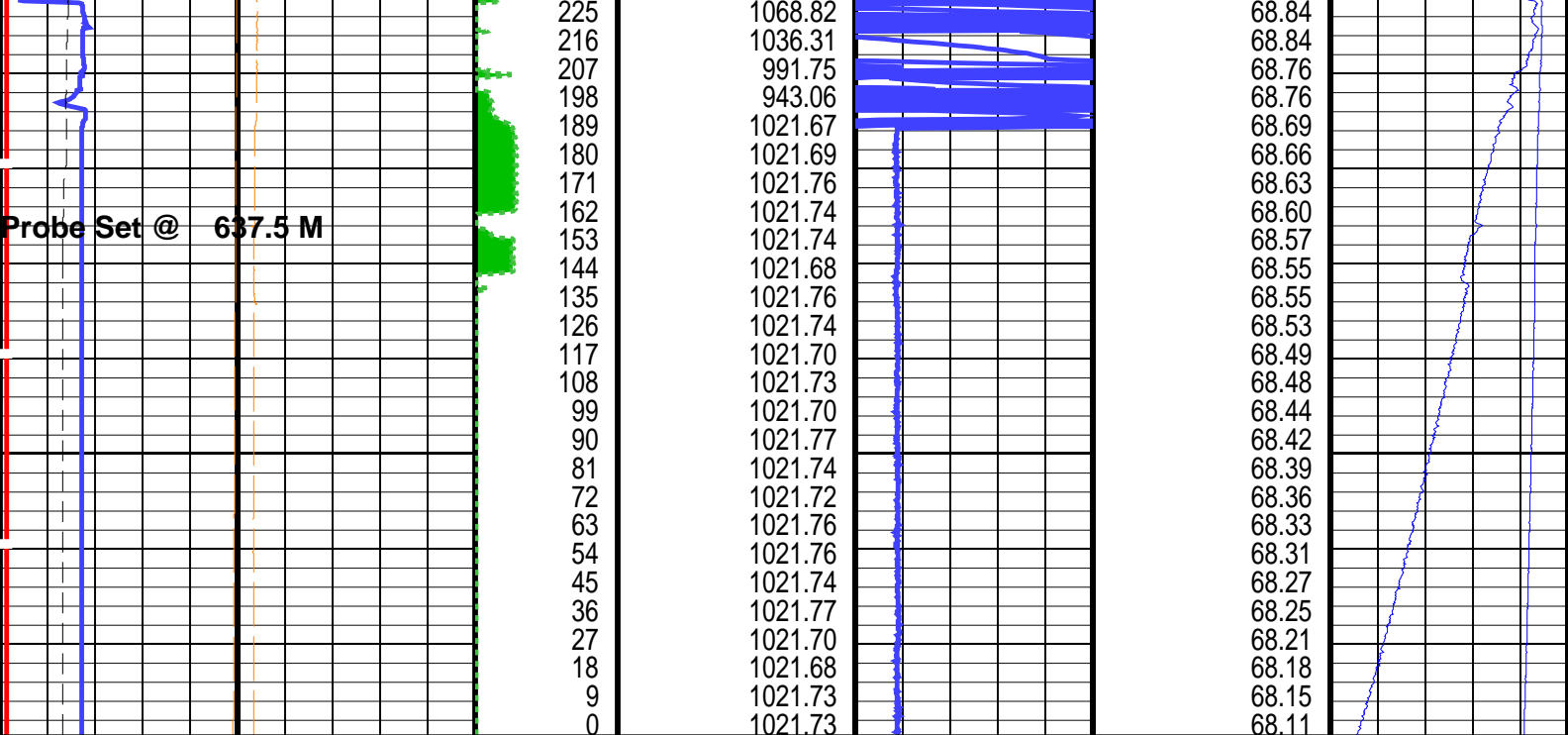
Time Mark Every 60 S

MRPS 1 Resistivity Cell Temperature
(B1TR)
70 (DEGC) 90

MRPS 1 Flowline Fluid Resistivity
(BFR1)
0 (OHMM) 1

MRPS 1 Quartz Gauge Temperature





MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	0	6000	Elapsed Time (ETIM) (S)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	MRPS 1 Strain Gauge Pressure (BSG1) (PSIG)	0	10	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	0	1	MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	0	10
MRPS 1 Quartz Gauge Pressure (BQP1) (PSIA)	0	6000	MRHY 1 Motor Speed (HMS1) (RPM)										
MRPS 1 Quartz Gauge Temperature (BQT1) (DEGC)	70	90											
MRPS 1 Flowline Fluid Resistivity (BFR1) (OHMM)	0	1											
MRPS 1 Resistivity Cell Temperature (B1TR) (DEGC)	70	90											

PIP SUMMARY

Time Mark Every 60 S

Format: MRPS_1_SGQG_Station

Vertical Scale: 1" per 60S

Graphics File Created: 01-Jul-2004 06:15

OP System Version: 12C0-301

MCM

MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

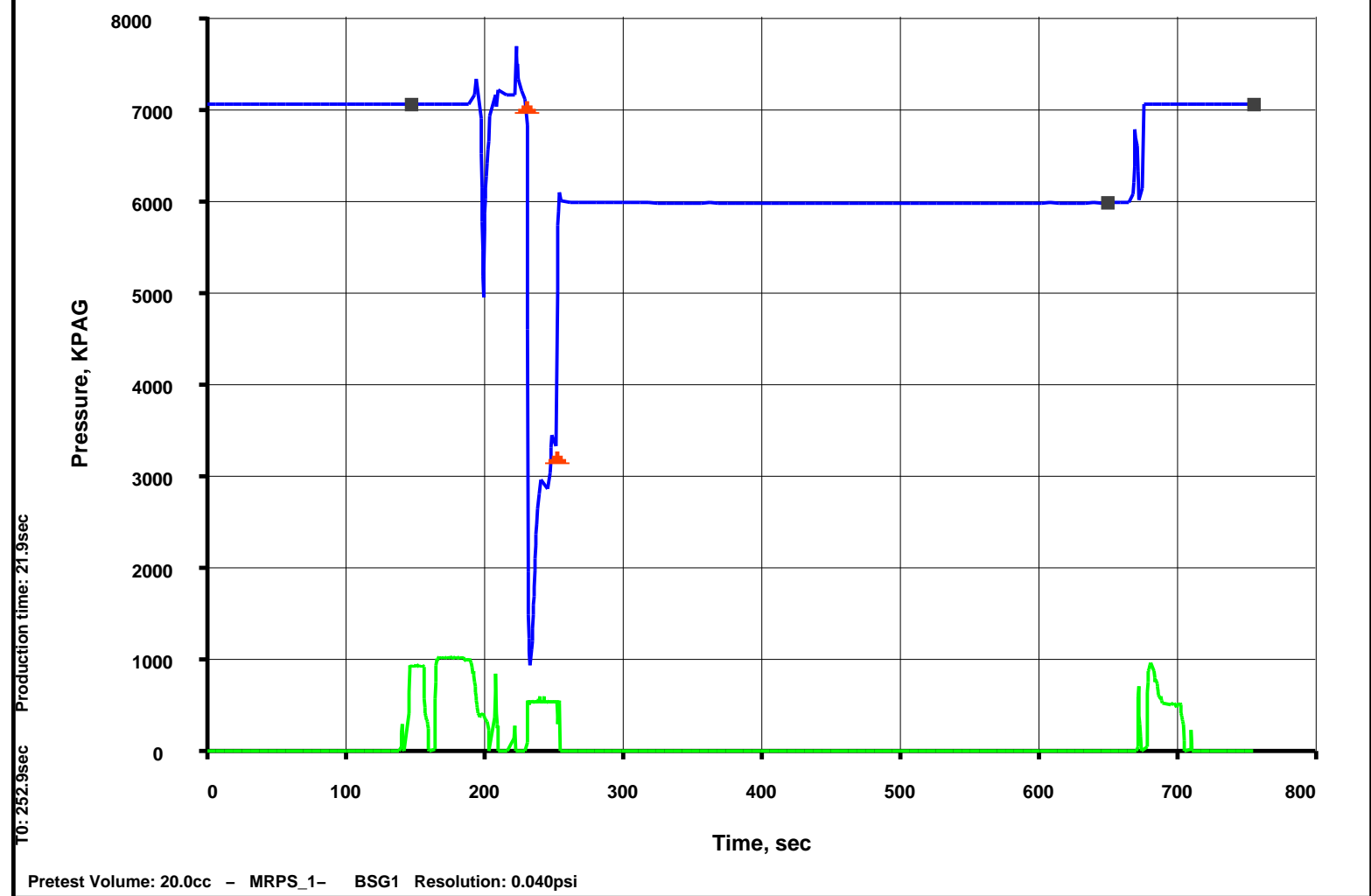
Output DLIS Files

DEFAULT MDT_047LTP FN:52 PRODUCER 01-Jul-2004 06:15

File 47 Depth, M: 637.47

Normal Pretest - Conventional probe

Mud Pressure before test, KPAG: 7044.58
Mud Pressure after test, KPAG: 7042.36
Last build-up pressure, KPAG: 5970.33
Draw-down mobility, md/cp: 10.6



Schlumberger

Correlations

MAXIS Field Log

Company: Well:

Output DLIS Files

DEFAULT MDT_030LUP FN:35 PRODUCER 01-Jul-2004 03:09 531.9 M 418.2 M

OP System Version: 12C0-301 MCM

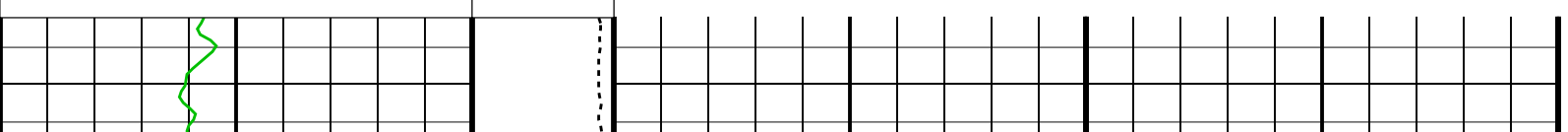
MRPS_1	12C0-301	MRHY_1	12C0-301
MRSC_01	12C0-301	MRSC_02	12C0-301
MRPO	12C0-301	MRPC	12C0-301
SGT-L	12C0-301	TCC-BF	12C0-301

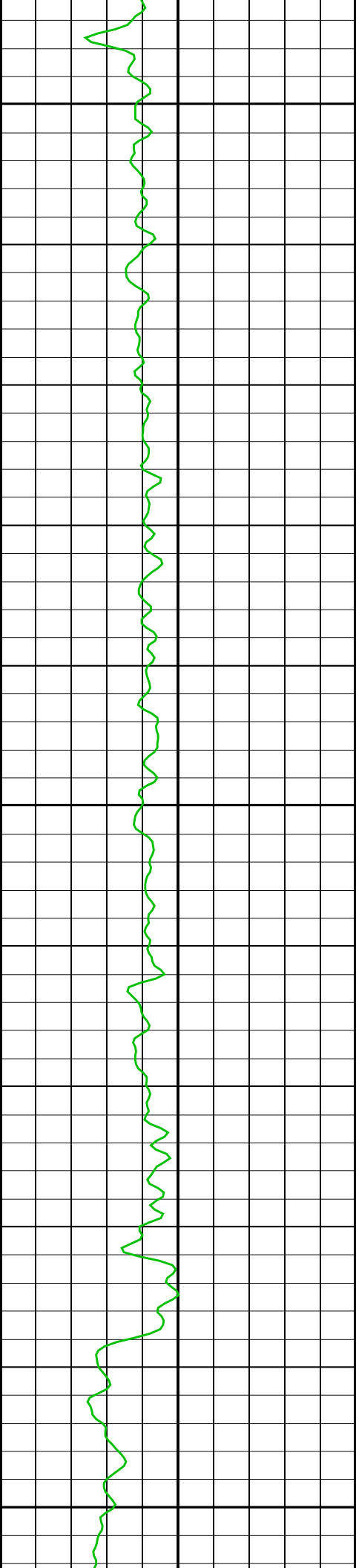
Gamma Ray (GR)
(GAPI)

0 200

Tension
(TENS)
(LBF)

0 2000

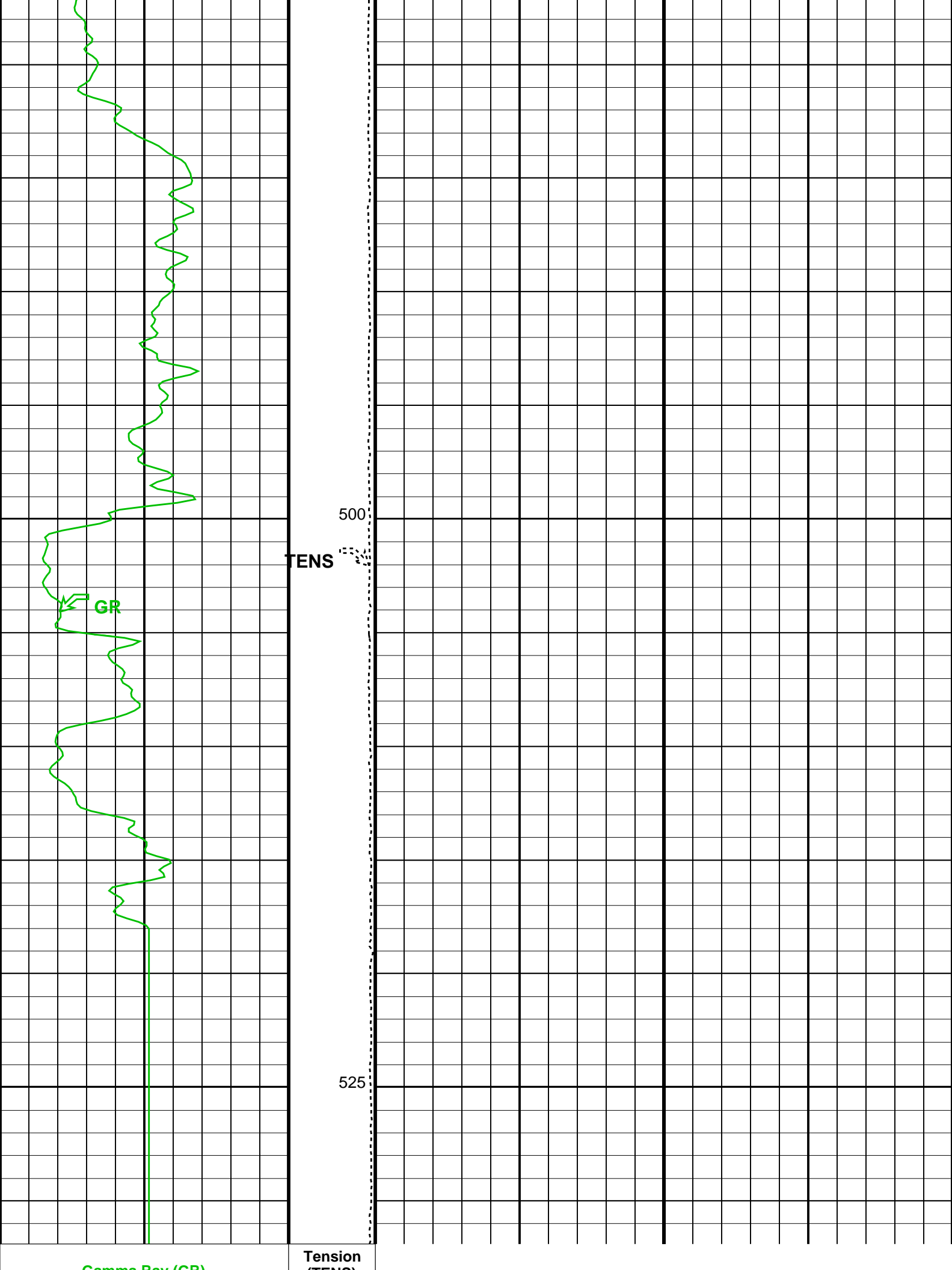




425

450

475



Gamma Ray (GR)
(GAPI)

0200

(TENS)
(LBF)

02000

Format: CORRELATION Vertical Scale: 1:200 Graphics File Created: 01-Jul-2004 03:09

OP System Version: 12C0-301
MCM

MRPS_112C0-301

MRSC_0112C0-301

MRPO12C0-301

SGT-L12C0-301

MRHY_112C0-301

MRSC_0212C0-301

MRPC12C0-301

TCC-BF12C0-301

Output DLIS Files

DEFAULT MDT_030LUP FN:35 PRODUCER 01-Jul-2004 03:09

Company:Well:

Output DLIS Files

DEFAULT MDT_044LUP FN:49 PRODUCER 01-Jul-2004 05:34 673.9 M 609.0 M

OP System Version: 12C0-301
MCM

MRPS_112C0-301

MRSC_0112C0-301

MRPO12C0-301

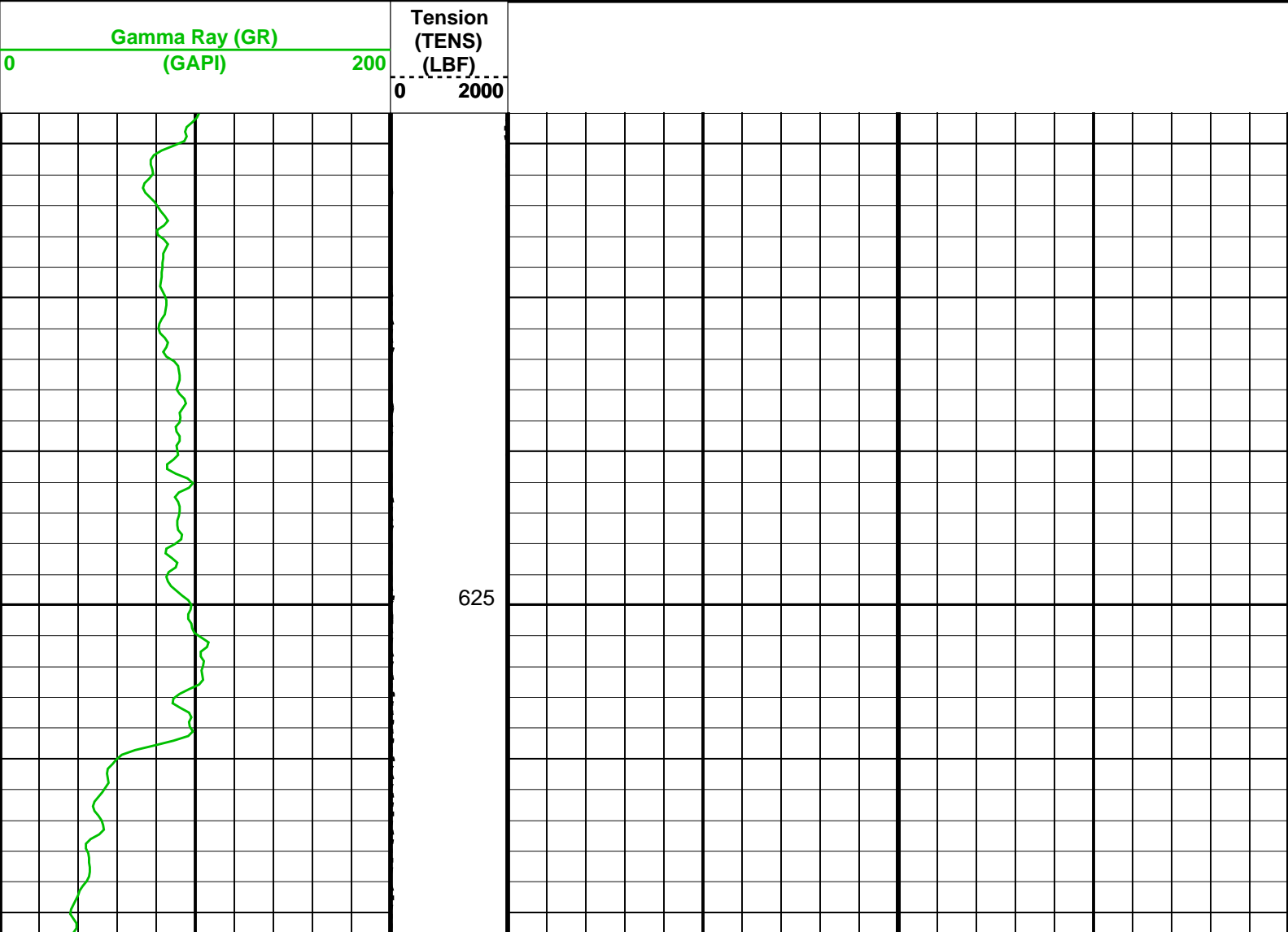
SGT-L12C0-301

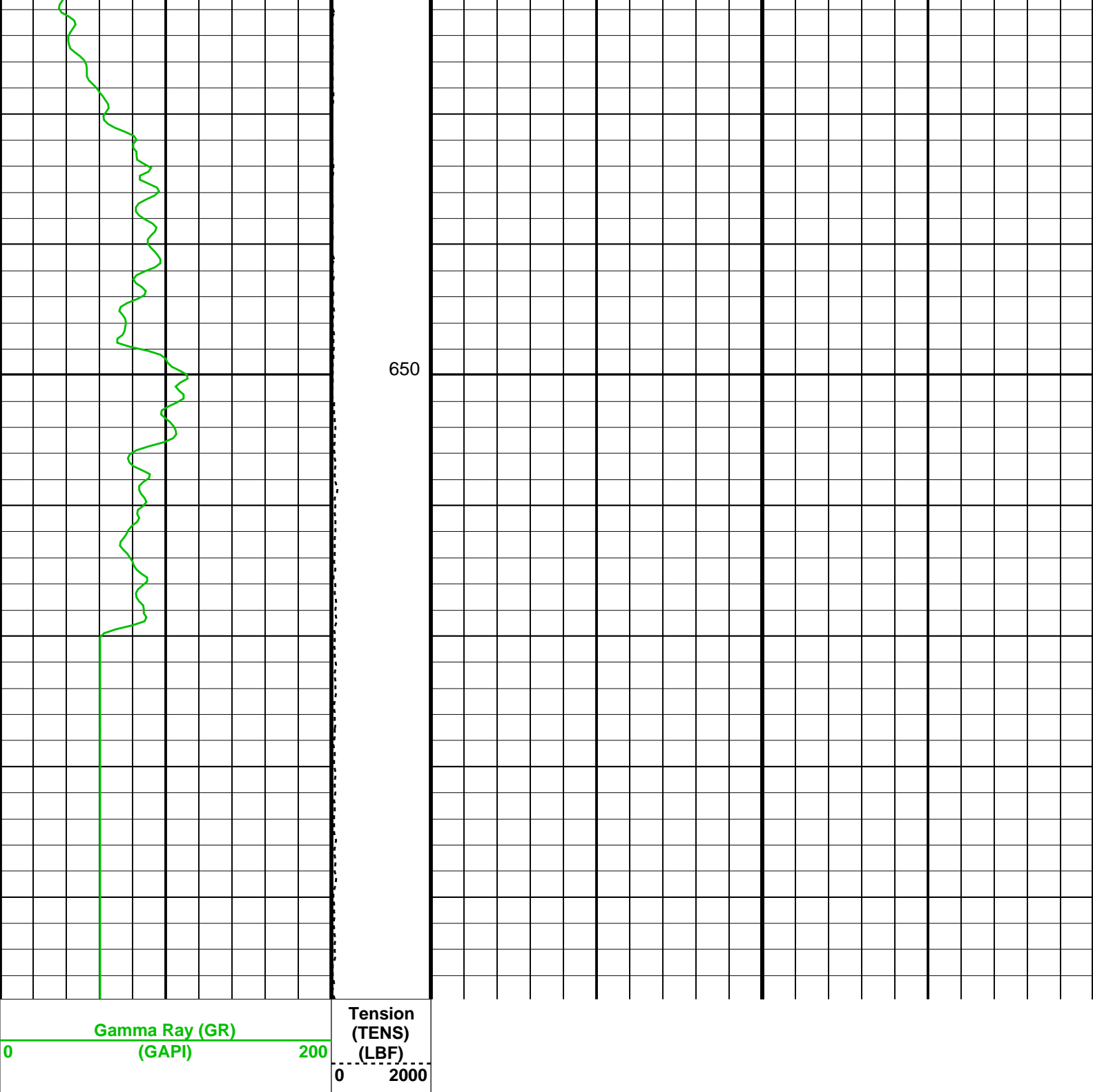
MRHY_112C0-301

MRSC_0212C0-301

MRPC12C0-301

TCC-BF12C0-301





Format: CORRELATION		Vertical Scale: 1:200		Graphics File Created: 01-Jul-2004 05:34	
OP System Version: 12C0-301					
MCM					
MRPS_1	12C0-301	MRHY_1	12C0-301		
MRSC_01	12C0-301	MRSC_02	12C0-301		
MRPO	12C0-301	MRPC	12C0-301		
SGT-L	12C0-301	TCC-BF	12C0-301		
Output DLIS Files					
DEFAULT	MDT_044LUP	FN:49	PRODUCER	01-Jul-2004 05:34	

MAXIS Field Log

Vert Strain Gauge (Single Probe Module 1)

Serial Number: 180581
 Range: 10K
 Calibration Date: 01/12/04
 Mean Quadratic Deviation: 0.3681
 Offset: 0.0000 PSI
 Calibration Pressure Unit: PSIG
 Calibration Temperature Unit: DEGC

	G	H	I	J
0	-3.495209e+002	1.003714e+000	-4.025600e-007	2.082466e-012
1	-2.279210e-002	-2.994821e-005	2.289856e-009	-1.960352e-013
2	1.501536e-004	1.468164e-007	-6.253540e-012	1.004908e-015
3	1.532893e-006	-1.279974e-010	-3.971652e-014	0.000000e+000

MASTER CALIBRATION SUMMARY: Quartz Gauge (Single Probe Module 1)

Calibration Pressure Unit: PSIA
 Calibration Temperature Unit: DEGC
 Sensor Comment: :
 Sensor Serial Number: 2868
 Sensor Calibration Date (DDMMYY): 060104
 Pressure Model: $P=F(Fc,Fb)$
 Pressure Matrix: 66
 Pressure CRC: 4477
 Temperature Model: $T=F(Fb,Fc)$
 Temperature Matrix: 66
 Temperature CRC: 85E9
 Clock Comment: :
 Clock Serial Number: 049
 Clock Calibration Date (DDMMYY): 251103
 Clock Model: $Fclk=F(Fb'-Fc')$
 Clock Matrix: 16
 Clock CRC: A394
 Fc Offset: +.514400000000E+07 Hz
 Fb Offset: +.558800000000E+07 Hz
 R Offset: +.470000000000E+06 Hz

Pressure Coefficients

Fh**0

Fh**1

Fh**2

Fh**3

Fb**0

Fb**1

Fb**2

Fb**3

Fc**0	+6.77296534271E+0	+1.124674982754E-0	-.440169854083E-0	-.841852809330E-1
Fc**1	-.108020085267E+0	-.129835752968E-0	-.969852129729E-1	+5.75879848719E-1
Fc**2	+1.06423972625E-0	+4.33378200239E-1	-.425603196975E-1	-.331497220608E-1
Fc**3	+7.14117289993E-1	+2.52132640446E-1	-.153136050587E-1	-.627098750851E-2
Fc**4	-.322219626704E-1	-.181136298408E-1	+3.02872894358E-2	+1.80446750942E-2
Fc**5	-.593466351653E-1	-.357541808273E-2	+3.29306211897E-2	+1.00617708127E-2

Fb**4

Fb**5

Fc**0	-.167772634911E-1	-.353046680472E-1
Fc**1	+7.82845758163E-2	-.191706150742E-2
Fc**2	+1.02253839328E-2	+3.70583801501E-2
Fc**3	+8.01698930813E-2	+3.06128341768E-3
Fc**4	-.225563537833E-3	-.124265203070E-3
Fc**5	-.184340941228E-3	-.511020505121E-3

Temperature Coefficients

Fc**0

Fc**1

Fc**2

Fc**3

Fb**0	+1.09202851397E+0	-.361229038457E-0	+6.64203884364E-0	+2.66237888261E-1
Fb**1	-.606498150979E-0	+1.74208521556E-0	+1.25050837682E-1	-.381721873503E-1
Fb**2	-.321616500951E-0	+3.14694166112E-1	-.273805938750E-1	-.145447035364E-2
Fb**3	-.291332283201E-1	+3.63185332989E-1	+4.16751187428E-2	+1.38487459115E-2
Fb**4	-.391131394253E-1	+3.33196845124E-2	+2.41216821728E-2	-.128183511379E-3
Fb**5	-.669830173412E-2	+2.65157337643E-2	-.108999417840E-3	-.843284718889E-3

Fc**4

Fc**5

Fb**0	-.536158306031E-1	-.139733882680E-2
Fb**1	+9.75624741371E-2	+1.54133161261E-2
Fb**2	+1.37684850664E-2	+5.25570802189E-2
Fb**3	-.749746000012E-2	-.298012263525E-3
Fb**4	-.781094392232E-3	-.251294413382E-3
Fb**5	-.127810712038E-3	+1.38261068752E-4

Clock Coefficients

F'b/F'c**0	+5.17506031272E+0
F'b/F'c**1	+2.38622906662E-0
F'b/F'c**2	+6.81125154221E-0
F'b/F'c**3	-.656120184170E-1
F'b/F'c**4	-.495354930017E-1
F'b/F'c**5	+5.32464911564E-2

Company: **Essential Petroleum Resources Limited**

Schlumberger

Well: **Findra-1**

Field: **PEP 159**

Rig: **Hunt Rig #2**

Country: **Australia**

MDT-GR

1:200 Scale