REC'D OCT 14 2011

Schlumberger

Company: OXY US LA BASIN

Well: DOM-001

Field: Dominguez

County: Los Angeles

State: California

CONFIDENTIAL

EXPRESS PRESSURE TESTER
GAMMA RAY TIE IN

County: Los Angeles
Field: Dominguez
Location: SURFACE LAMBERT COORDIN
Well: DOM-001
Company: OXY US LA BASIN

LOCATION

SURFACE LAMBERT COORDINATES
N: 4 0622 754.8
E:4 214 067.32

Elev.: K.B. 194.09 ft
G.L. 168.97 ft
D.F. 194.09 ft

Permanent Datum: GROUND LEVEL — Elev.: 186.97 ft
Log Measured From: DERRICK FLOOR — 7.03 ft above Perm. Datum
Drilling Measured From: DERRICK FLOOR

API Serial No.	Section	Township	Range
037-27124	33	3S	13W

	Run 1	Run 2
Logging Date	25-Jan-2011	
Run Number	EIGHT	
Depth Driller	12894 ft	
Schlumberger Depth	12894 ft	
Bottom Log Interval	12348 ft	
Top Log Interval	12316 ft	
Casing Driller Size @ Depth	7.000 in @ 11103 ft	@
Casing Schlumberger	11115 ft	
Bit Size	6.000 in	
Type Fluid In Hole	SYNTHETIC BASED MUD	
MUD Density / Viscosity	13.5 lbm/gal / 52 s	
MUD Fluid Loss / PH	3.7 cm3	
MUD Source Of Sample	N/A	
RM @ Measured Temperature	@	@
RMF @ Measured Temperature	@	@
RMC @ Measured Temperature	@	@
Source RMF / RMC	N/A / N/A	
RM @ MRT / RMF @ MRT	@ 294 / @ 294	@ / @
Maximum Recorded Temperatures	294 degF	
Circulation Stopped / Time	24-Jan-2011 / 9:00	
Logger On Bottom / Time	25-Jan-2011 / 4:30	
Unit Number / Location	2363 / BAKERSFIELD	
Recorded By	A.PENA / M.MCGLASHAN	
Witnessed By		

	Run 1	Run 2
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		
MUD Density / Viscosity		
MUD Fluid Loss / PH		
MUD Source Of Sample		
RM @ Measured Temperature		@
RMF @ Measured Temperature		@
RMC @ Measured Temperature		@
Source RMF / RMC		
RM @ MRT / RMF @ MRT	@	@
Maximum Recorded Temperatures		
Circulation Stopped / Time		
Logger On Bottom / Time		
Unit Number / Location		
Recorded By		
Witnessed By		

DEPTH SUMMARY LISTING

Date Created: 22-JAN-2011 3:05:41

Depth System Equipment

Depth Measuring Device		Tension Device		Logging Cable	
Type:	IDW-B	Type:	CMTD-B/A	Type:	7-48A SUS
Serial Number:	5905	Serial Number:	1377	Serial Number:	7131
Calibration Date:	02-DEC-2010	Calibration Date:	06-JAN-2011	Length:	19900 FT
Calibrator Serial Number:	33	Calibrator Serial Number:	625	Conveyance Method:	Wireline
Calibration Cable Type:	7-48A SUS	Number of Calibration Points:	10	Rig Type:	LAND
Wheel Correction 1:	-5	Calibration RMS:	7		
Wheel Correction 2:	-5	Calibration Peak Error:	14		

Depth Control Parameters

Log Sequence:	Subsequent Trip To the Well
Reference Log Name:	PLATFORM EXPRESS
Reference Log Run Number:	TWO
Reference Log Date:	31-DEC-2010
Subsequent Trip Down Log Correction:	

Depth Control Remarks

1. ALL SCHLUMBERGER DEPTH CONTROL PROCEDURES FOLLOWED.
2. IDW USED AS PRIMARY DEPTH REFERENCE, Z-CHART USED AS SECONDARY.
3.
4.
5.
6.

DISCLAIMER

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	OTHER SERVICES2
OS1: PEX-ECS-HNGS	OS1:
OS2: OBM-MSIP	OS2:
OS3: UBI	OS3:
OS4: MSCT	OS4:
OS5: USIT	OS5:
REMARKS: RUN NUMBER 1	REMARKS: RUN NUMBER 2
SUBSEQUENT TRIP TO WELL	
LOG CORRELATED TO PLATFORM EXPRESS	
DATED 31-DEC-2010 BY SCHLUMBERGER	
LARGE DIAMETER PROBE USED	

LARGE DIAMETER PROBE USED	
VARIABLE TESTS TAKEN	
FRACTURED FORMATION LEAD TO LOST SEALS	
TOTAL CHLORIDES = 41 000 PPM	
MAX TEMP = 298 DEGF AT 12880 FT FROM HSTS	
RIG: H&P 236	
CREW:H BOJORQUEZ A.PENA, J.CORONADO	
THANK YOU FOR USING SCHLUMBERGER!	

RUN 1			RUN 2		
SERVICE ORDER #:	AUYB-00233		SERVICE ORDER #:		
PROGRAM VERSION:	19C0-187		PROGRAM VERSION:		
FLUID LEVEL:			FLUID LEVEL:		
LOGGED INTERVAL	START	STOP	LOGGED INTERVAL	START	STOP

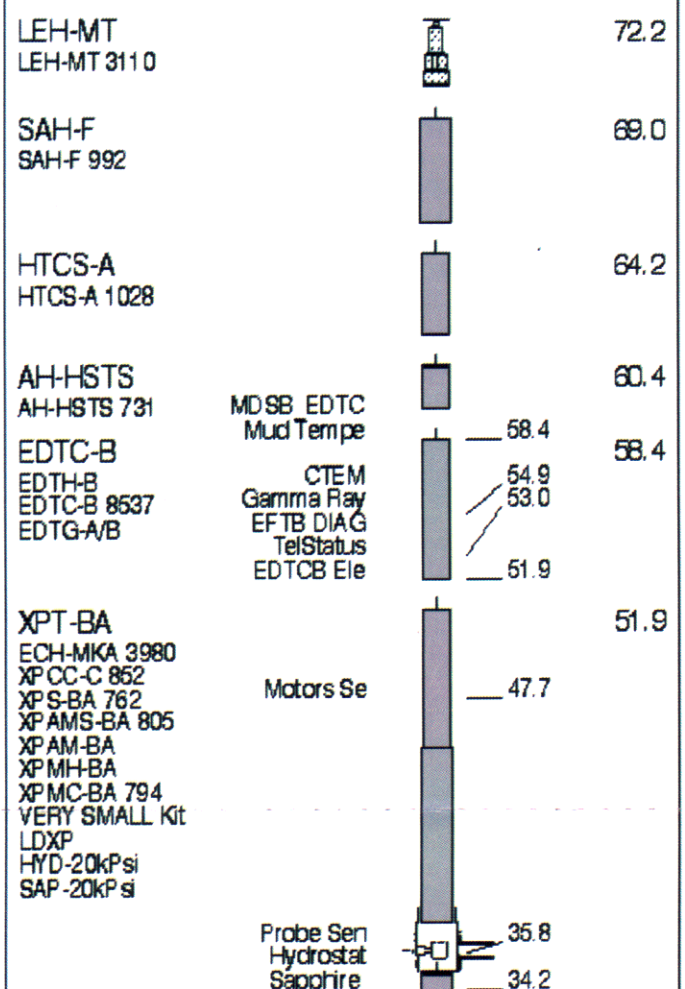
EQUIPMENT DESCRIPTION

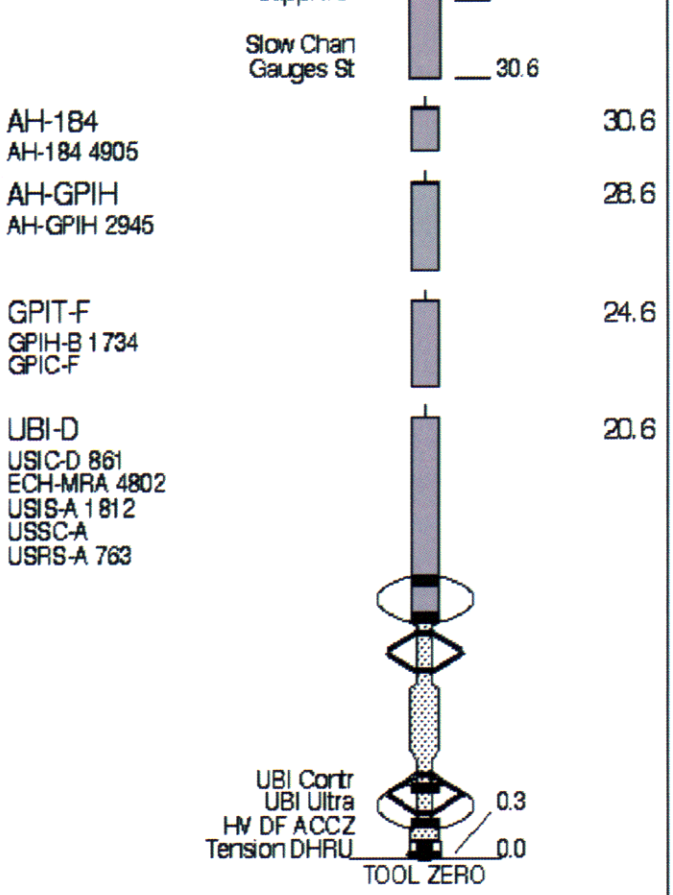
RUN 1 | RUN 2

SURFACE EQUIPMENT

MRPP-AA 355
WITM (EDTS)-A

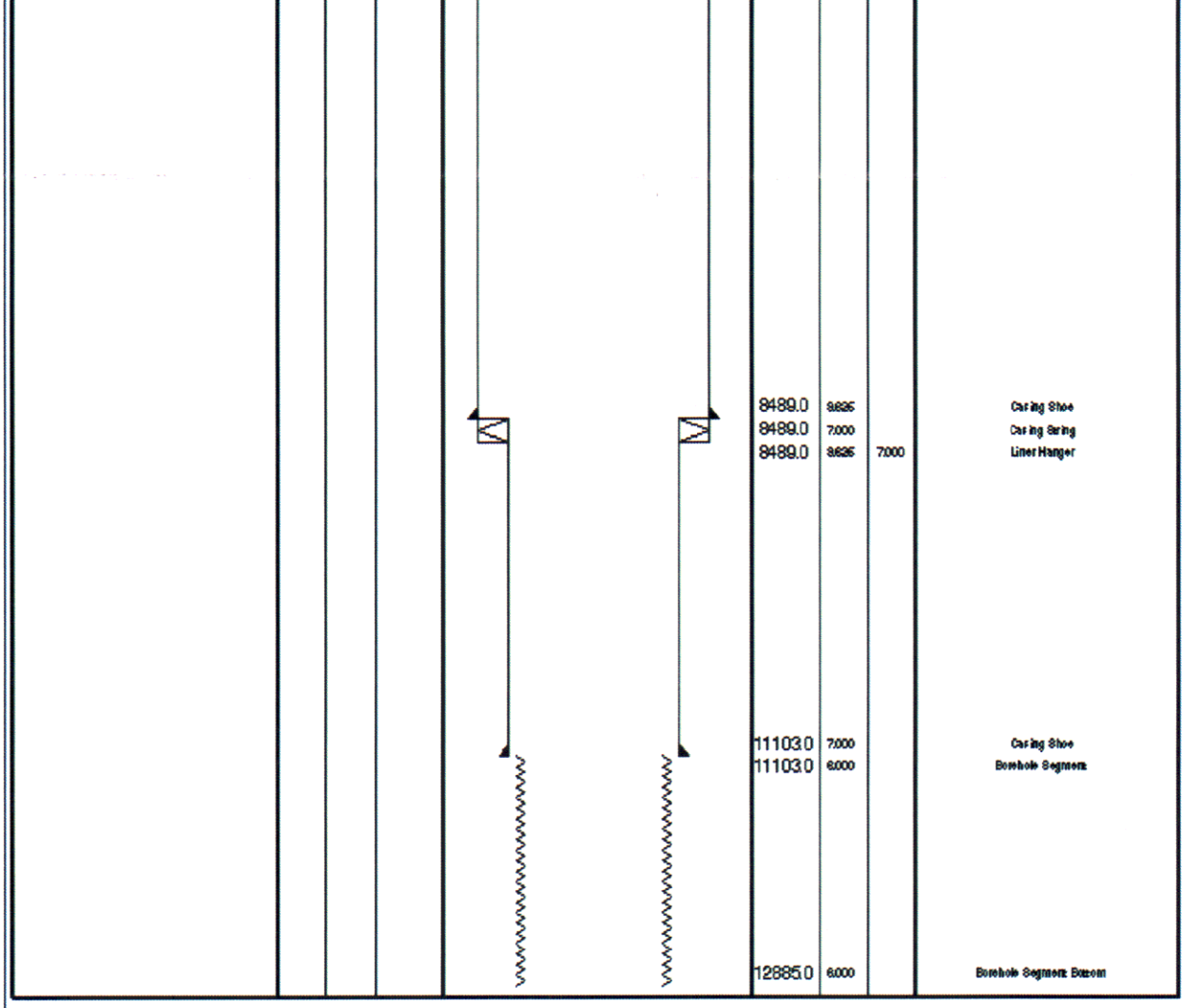
DOWNHOLE EQUIPMENT





MAXIMUM STRING DIAMETER 4.50 IN
MEASUREMENTS RELATIVE TO TOOL ZERO
ALL LENGTHS IN FEET

Production String	(in) OD	(in) ID	(ft) MD	Well Schematic	(ft) MD	(in) OD	(in) ID	Casing String
					0.0	8.625		Casing String



ALL DEPTHS ARE
DRILLERS DEPTHS

Schlumberger

PLOTS

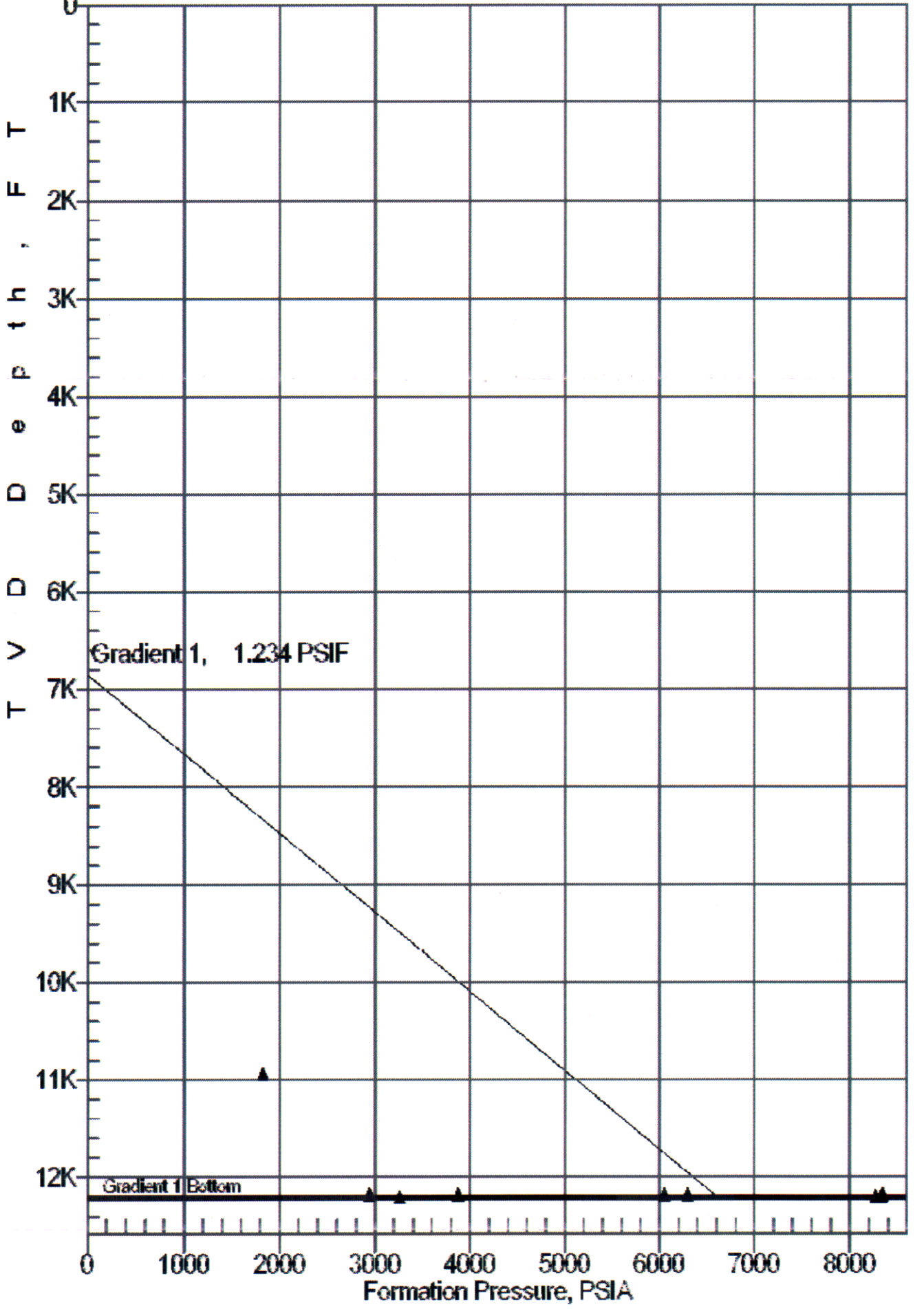
MAXIS Field Log

Depth vs. Formation Pressure

21-Jan-2011

OXY US LA BASIN
Dominguez
DOM-001

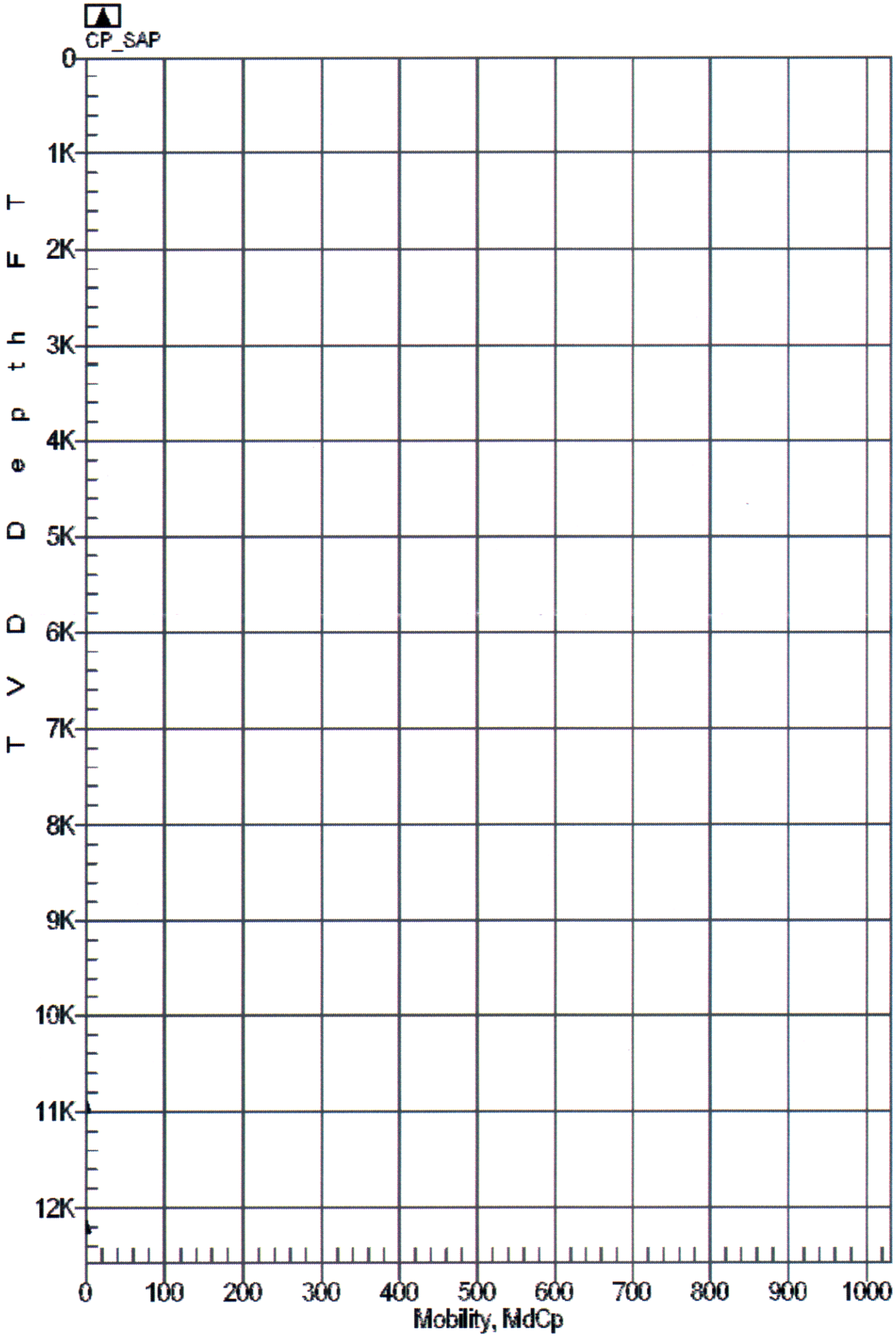
CP_SAP



Depth vs. Mobility

21-Jan-2011

OXY US LA BASIN
Dominguez
DOM-001

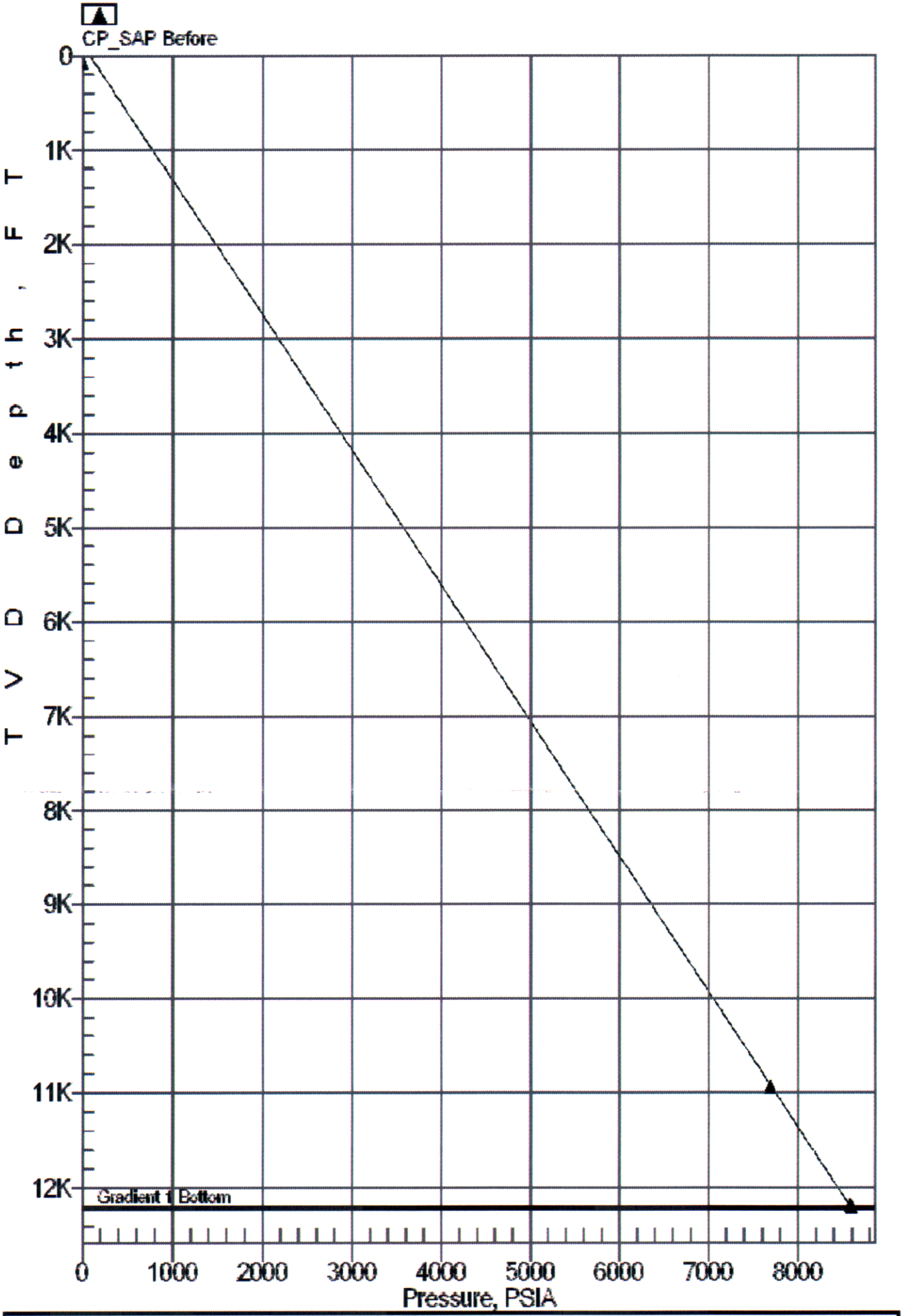


Depth vs. Mud Pressure

21-Jan-2011

OXY US LA BASIN

Dominguez
DOM-001



Schlumberger

SUMMARIES

MAXIS Field Log

Client:	OXY US LA BASIN	Tool:	XPT-BA
Field:	Dominguez	Probe Type:	Large-Diameter probe
Well:	DOM-001	Gauge:	CP_SAP
Run date:	21-Jan-2011	Gauge Resolution:	0.010 psi

Test Number	12	13	14	15	16
File Number	181	182	183	184	185
Test Type	Volumetric Limited d	Volumetric Limited d	Normal Pretest	Volumetric Limited d	Normal Pretest
Depth,FT	12315.95	12340.94	12339.98	12327.48	12326.97
Vertical Depth,FT	12178.20	12203.01	12202.06	12189.65	12189.14
Mud Pressure before,PSIG	8565.19	8584.28	8581.47	8567.70	8569.62
Mud Pressure after,PSIG	8565.49	8585.28	8582.66	8568.98	8570.58
Last read build-up Pressure,PSIG	3867.07	8256.70	8317.63	6287.19	8329.65
Formation Pressure,PSIG	3867.07	8256.70	8317.63	6287.19	8329.65
Pretest 1 duration, SEC	14.7	1.8	3.6	1.2	4.8
Pretest 1 volume, CC	0.8	0.7	1.6	0.4	2.6
Pretest 1 flow-rate, CC/SEC	0.05	0.38	0.44	0.37	0.55
Draw-down Mobility, MD/CP	0.018	0.121	0.126	0.063	0.024
Draw-down Permeability, MD					
Viscosity,CP					
Spherical Extrapolated Pressure,PSIG					
Spherical Mobility, MD/CP					
Porosity					
Total Compressibility, 1/PSI					
Depth of investigation,FT					
Radial Extrapolated Pressure,PSIG					
Horizontal Mobility-Thickness, MD.FT/CP					

Client:	OXY US LA BASIN	Tool:	XPT-BA
Field:	Dominguez	Probe Type:	Large-Diameter probe
Well:	DOM-001	Gauge:	CP_SAP
Run date:	21-Jan-2011	Gauge Resolution:	0.010 psi

Test Number	1	2	7	9	11
File Number	144	170	178	179	180
Test Type	Volumetric Limited d	Volumetric Limited d	Volumetric Limited d	Volumetric Limited d	Volumetric Limited draw-down
Depth,FT	-76.02	11066.81	12346.92	12326.91	12315.98
Vertical Depth,FT	-147.66	10936.42	12208.95	12189.08	12178.23
Mud Pressure before,PSIG	21.73	7683.56	8588.96	8567.91	8563.26
Mud Pressure after,PSIG	21.72	7684.19	8590.02	8569.74	8565.62

Last read build-up Pressure,PSIG	-0.24	1816.17	3247.19	2931.22	6041.88
Formation Pressure,PSIG	-0.24	1816.17	3247.19	2931.22	6041.88
Pretest 1 duration, SEC	0.9	1.8	2.7	2.7	1.8
Pretest 1 volume, CC	0.2	0.7	1.1	1.0	0.5
Pretest 1 Flow-rate, CC/SEC	0.18	0.41	0.41	0.35	0.25
Draw-down Mobility, MD/CP	1001.059	0.629	0.052	0.074	0.033
Draw-down Permeability, MD					
Viscosity,CP					
Spherical Extrapolated Pressure,PSIG					
Spherical Mobility, MD/CP					
Porosity					
Total Compressibility, 1/PSI					
Depth of investigation,FT					
Radial Extrapolated Pressure,PSIG					
Horizontal Mobility-Thickness, MD.FT/CP					

Client:	OXY US LA BASIN	Tool:	XPT-BA
Field:	Dominguez	Probe Type:	Large-Diameter probe
Well:	DOM-001	Gauge:	CP_SAP
Run date:	21-Jan-2011	Gauge Resolution:	0.010 psi

Test	File	Depth FT	TVD FT	Drawdown Mobility MD/CP	Mud Pressure Before PSIG	Mud Pressure After PSIG	Last read build-up Pres PSIG	Formation Pressure PSIG	Test Type
1	144	-76.02	-147.66	1001.06	21.73	21.72	-0.24	-0.24	Volumetric Limited draw-down
2	170	11066.81	10936.42	0.63	7683.56	7684.19	1816.17	1816.17	Volumetric Limited draw-down
7	178	12346.92	12208.95	0.05	8588.96	8590.02	3247.19	3247.19	Volumetric Limited draw-down
9	179	12326.91	12189.08	0.07	8567.91	8569.74	2931.22	2931.22	Volumetric Limited draw-down
11	180	12315.98	12178.23	0.03	8563.26	8565.62	6041.88	6041.88	Volumetric Limited draw-down
12	181	12315.95	12178.20	0.02	8565.19	8565.49	3867.07	3867.07	Volumetric Limited draw-down
13	182	12340.94	12203.01	0.12	8584.28	8585.28	8256.70	8256.70	Volumetric Limited draw-down
14	183	12339.98	12202.06	0.13	8581.47	8582.66	8317.63	8317.63	Normal Pretest
15	184	12327.48	12189.65	0.06	8567.70	8568.98	6287.19	6287.19	Volumetric Limited draw-down
16	185	12326.97	12189.14	0.02	8569.62	8570.58	8329.65	8329.65	Normal Pretest

MAXIS Field Log

Output DLIS Files

DEFAULT	UBI_IS_XPT_176LTP	FN:289	PRODUCER	25-Jan-2011 04:04	12383.9 FT
RTBU	UBI_IS_XPT_176LTP	FN:290	PRODUCER	25-Jan-2011 04:04	12383.9 FT

XPT Oil Pressure Curve (HOILP) 0 (PSIA) 4000

Hydrostatic Pressure (CP_HYD) 0 (PSIA) 10000

PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE

XPT Motor Speed Curve (MSPE_XPT) (RPM) 0 5000

Sapphire Pressure (CP_SAP) 0 (PSIA) 10000

XPT Pretest Volume Curve (PTV_XPT) 0 (C3) 50

XPT Actions Image (AIMG) (----)

Sapphire Manometer Temperature (MTEP_SAP) 0 (DEGF) 300

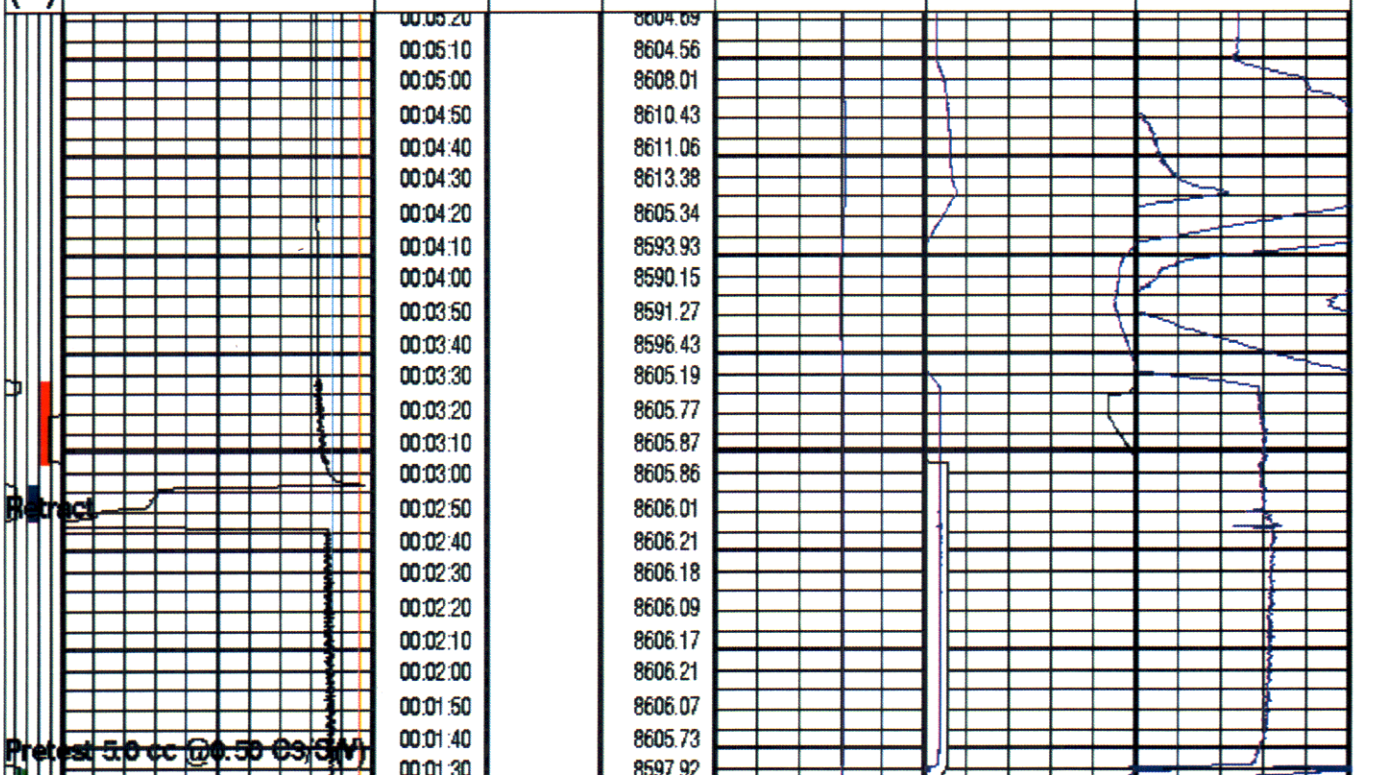
XPT Time Log (ETIM_XPT) (S)

Sapphire Pressure (CP_SAP) (PSIA)

Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 1000

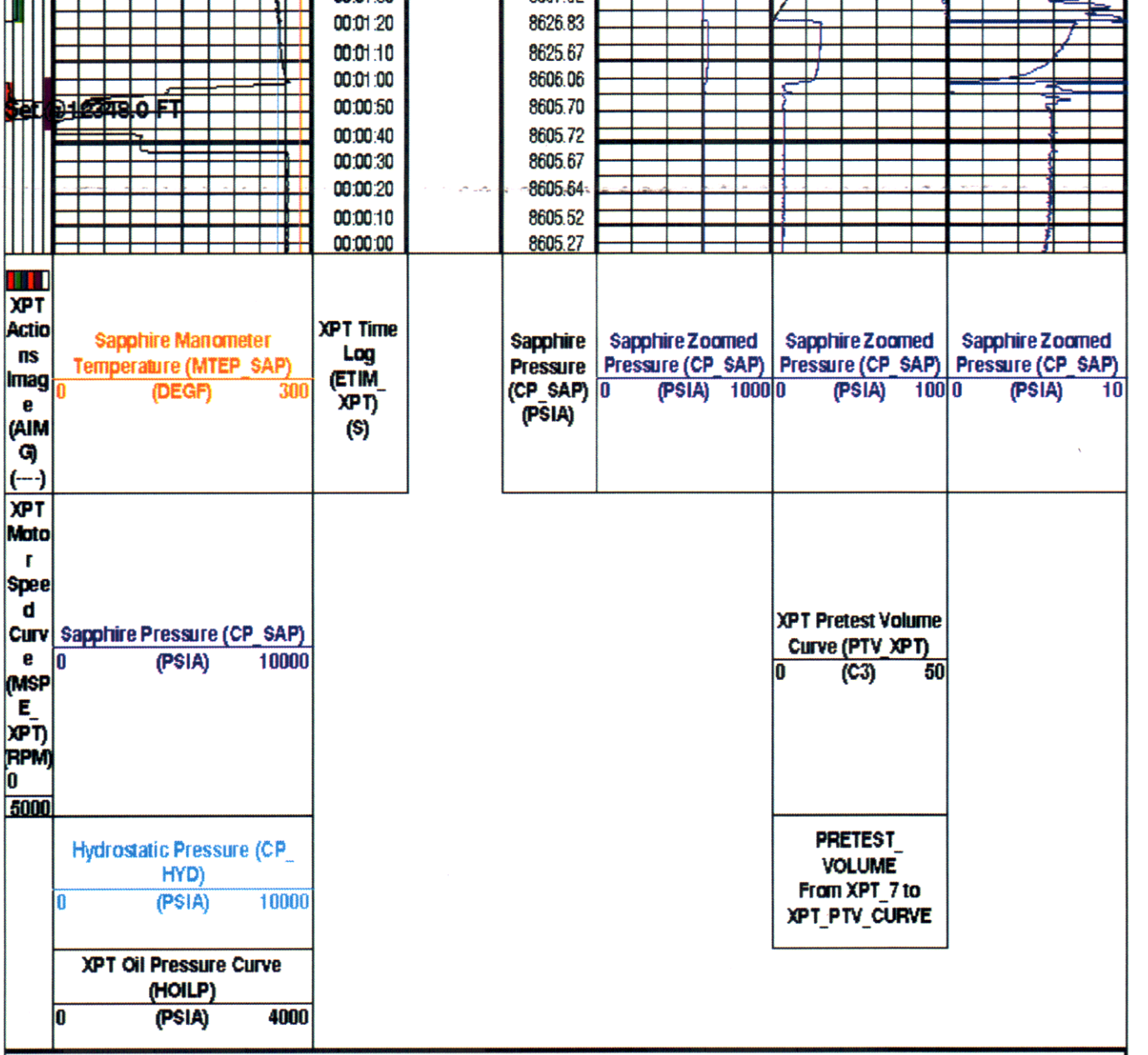
Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 100

Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 10



XPT Time Log (ETIM_XPT) (S)	Sapphire Pressure (CP_SAP) (PSIA)
00:05:20	8604.69
00:05:10	8604.56
00:05:00	8608.01
00:04:50	8610.43
00:04:40	8611.06
00:04:30	8613.38
00:04:20	8605.34
00:04:10	8593.93
00:04:00	8590.15
00:03:50	8591.27
00:03:40	8596.43
00:03:30	8605.19
00:03:20	8605.77
00:03:10	8605.87
00:03:00	8605.86
00:02:50	8606.01
00:02:40	8606.21
00:02:30	8606.18
00:02:20	8606.09
00:02:10	8606.17
00:02:00	8606.21
00:01:50	8606.07
00:01:40	8605.73
00:01:30	8597.92

RECD OCT 14 2011



XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value
XPT-BA: Xpress Pressure Tool - BA		
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995168
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01567
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000229582
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000359836
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES

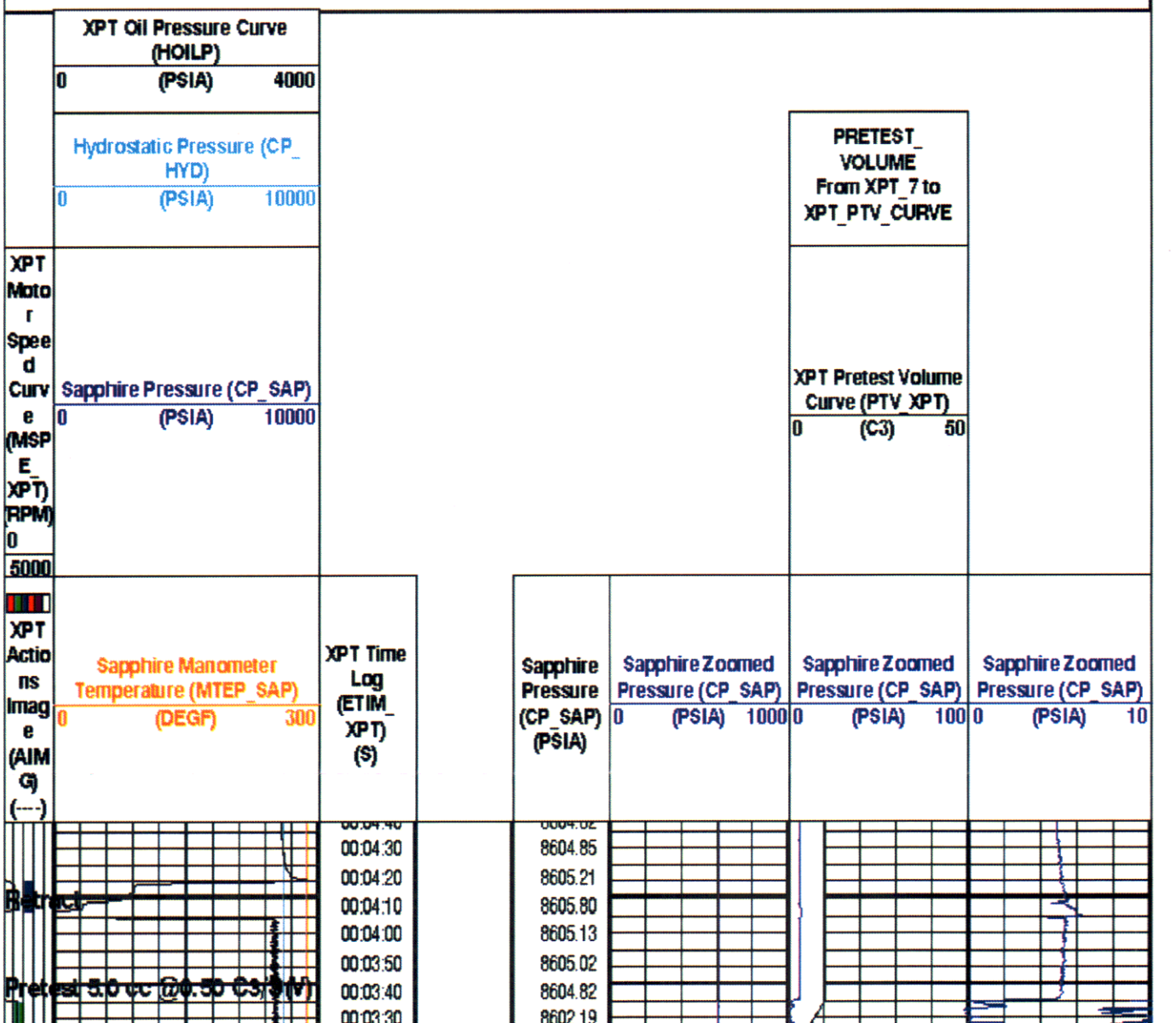
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	1184.3	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01759	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00407	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000307161	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000686633	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.5	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01009	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02033	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000675619	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000448611	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

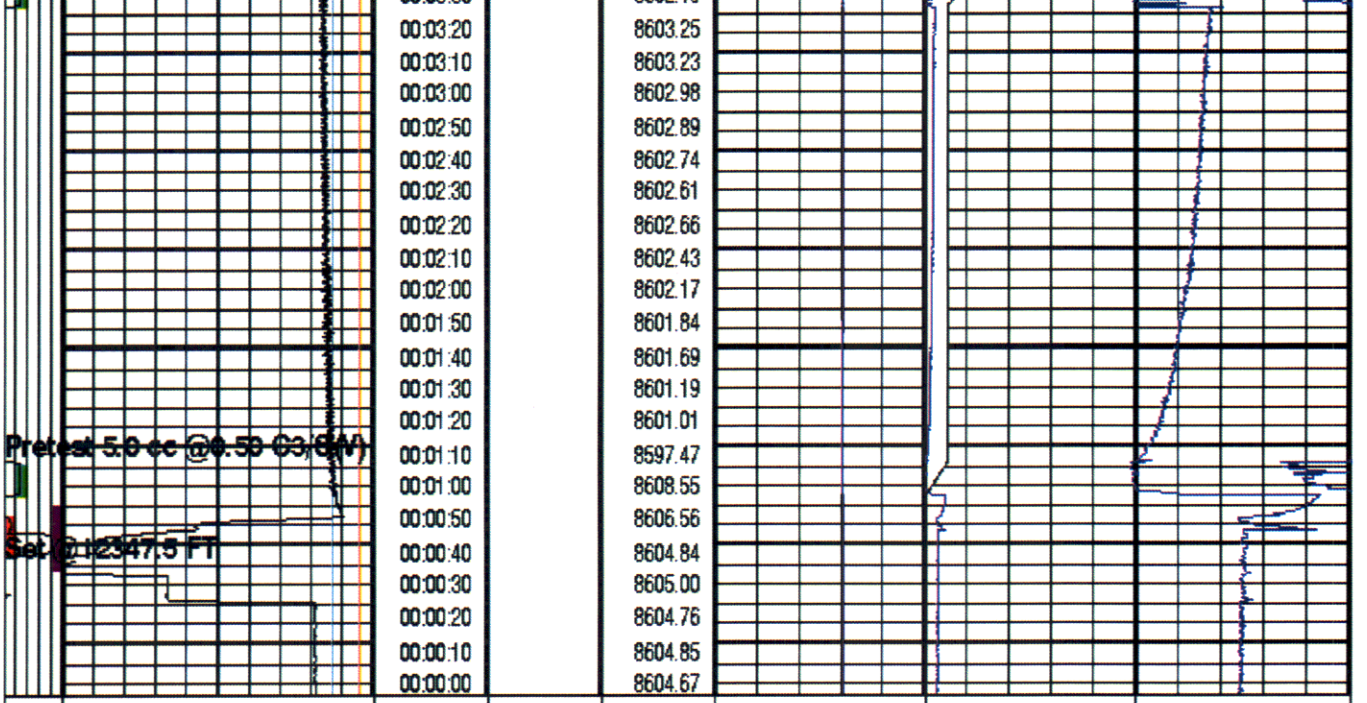
Output DLIS Files

DEFAULT	UBI_IS_XPT_176LTP	FN:289	PRODUCER	25-Jan-2011 04:04	
RTBU	UBI_IS_XPT_176LTP	FN:290	PRODUCER	25-Jan-2011 04:04	

Output DLIS Files

DEFAULT	UBI_IS_XPT_177LTP	FN:291	PRODUCER	25-Jan-2011 04:10	12383.3 FT
RTBU	UBI_IS_XPT_177LTP	FN:292	PRODUCER	25-Jan-2011 04:10	12383.3 FT





XPT Actions Image (AIMG) (----)	Sapphire Manometer Temperature (MTEP_SAP) 0 (DEGF) 300	XPT Time Log (ETIM_XPT) (S)	Sapphire Pressure (CP_SAP) (PSIA)	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 1000	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 100	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 10
XPT Motor Speed Curve (MSPE_XPT) (RPM) 0 5000	Sapphire Pressure (CP_SAP) 0 (PSIA) 10000				XPT Pretest Volume Curve (PTV_XPT) 0 (C3) 50	
	Hydrostatic Pressure (CP_HYD) 0 (PSIA) 10000				PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE	
	XPT Oil Pressure Curve (HOILP) 0 (PSIA) 4000					

XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
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Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected

RECD OCT 14 2011

Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

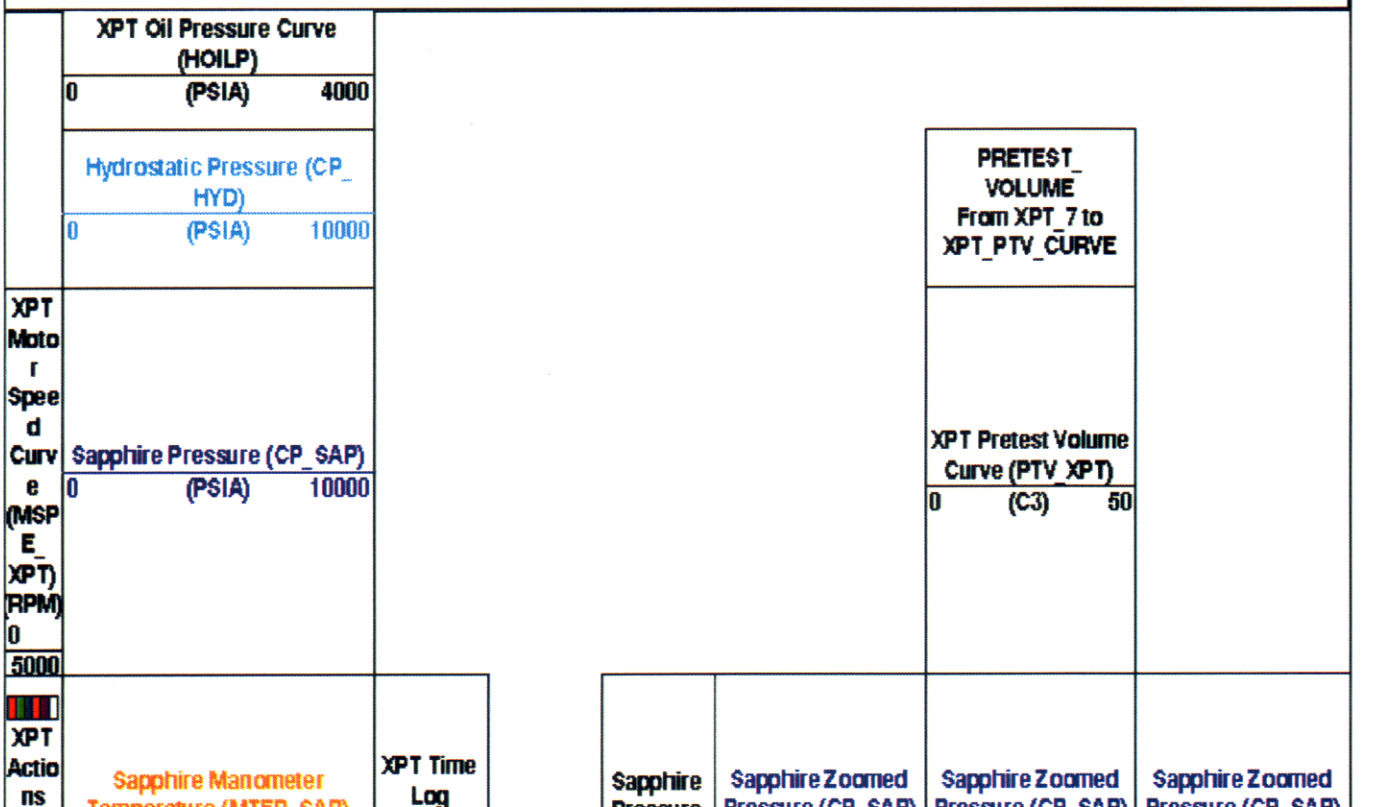
DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995186	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01568	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000230331	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000363643	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	2091.45	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01758	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00408	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000320878	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000686639	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.5	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.0101	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02034	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000680162	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000448615	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

Output DLIS Files

DEFAULT	UBI_IS_XPT_177LTP	FN:291	PRODUCER	25-Jan-2011 04:10	
RTBU	UBI_IS_XPT_177LTP	FN:292	PRODUCER	25-Jan-2011 04:10	

Output DLIS Files

DEFAULT	UBI_IS_XPT_178LTP	FN:293	PRODUCER	25-Jan-2011 04:17	12382.8 FT
RTBU	UBI_IS_XPT_178LTP	FN:294	PRODUCER	25-Jan-2011 04:18	12382.8 FT



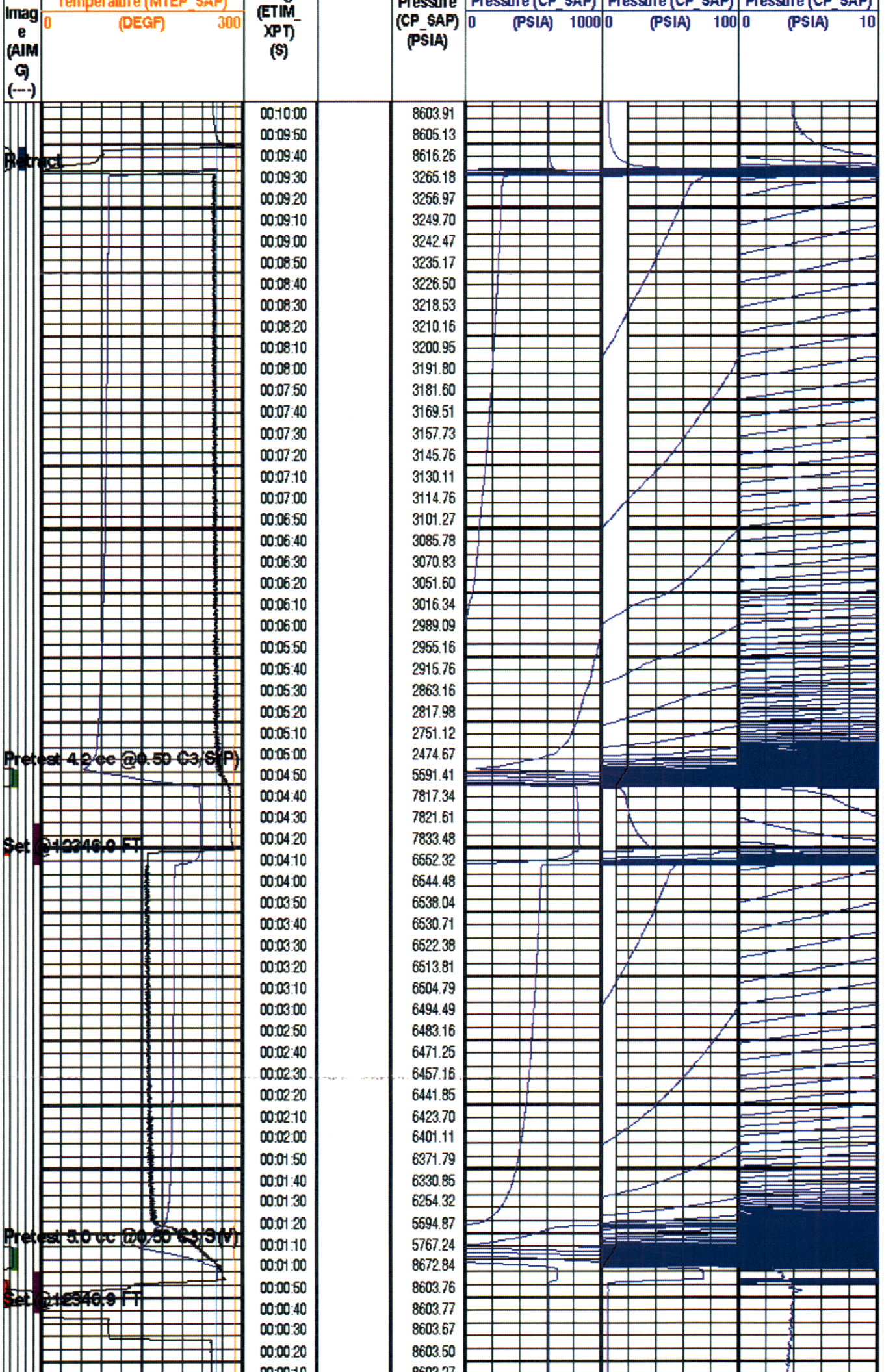
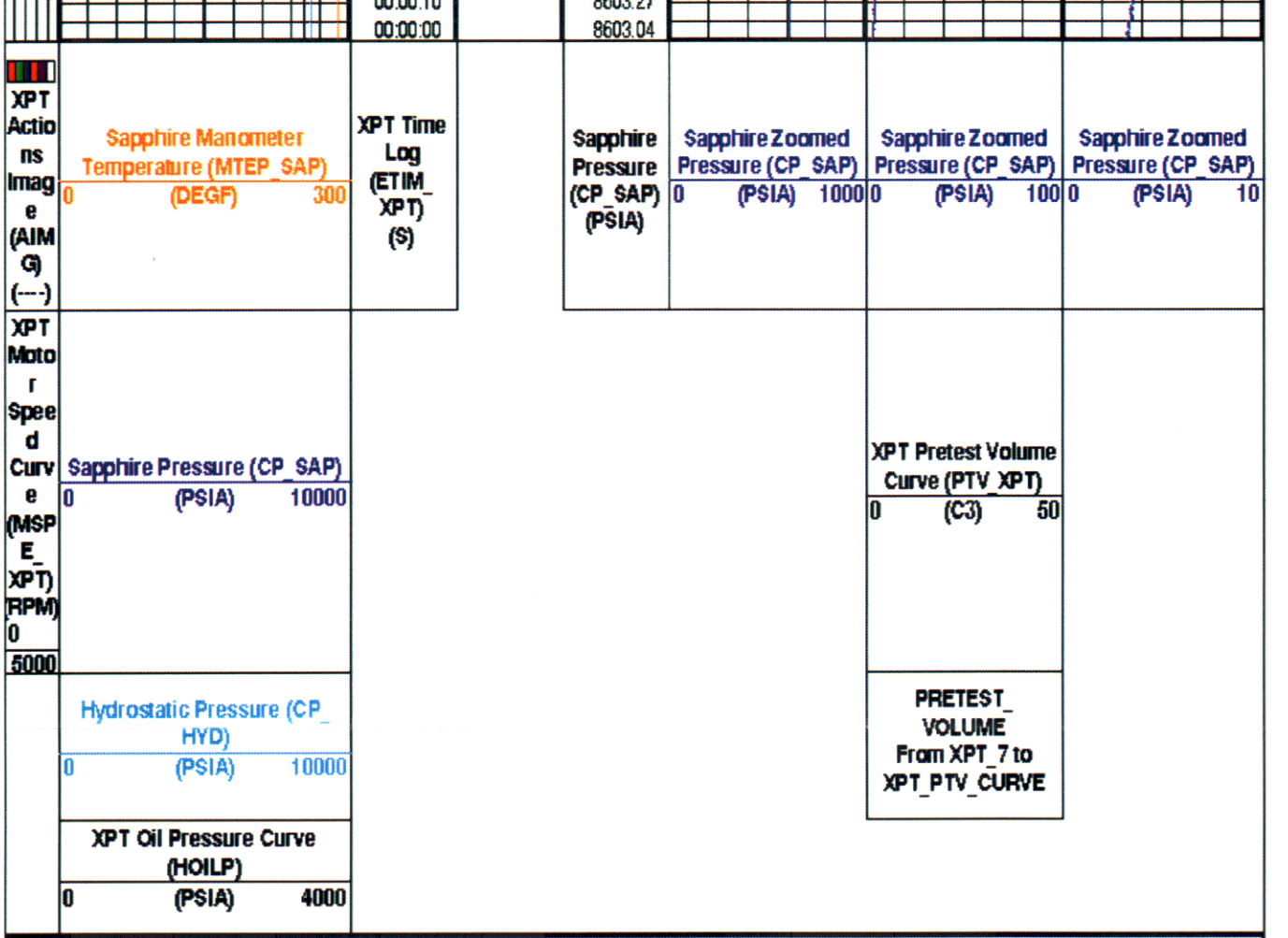


Image (AIMG) (----)
Temperature (MTEP_SAP)
0 (DEGF) 300
(ETIM_XPT) (S)
Pressure (CP_SAP) (PSIA)
Pressure (CP_SAP)
0 (PSIA) 1000
Pressure (CP_SAP)
0 (PSIA) 100
Pressure (CP_SAP)
0 (PSIA) 10
Retract
Pretest 4.2 cc @0.50 C3/S(P)
Set @12346.0 FT
Pretest 5.0 cc @0.50 C3/3(V)
Set @12346.9 FT
00:10:00 8603.91
00:09:50 8605.13
00:09:40 8616.26
00:09:30 3265.18
00:09:20 3256.97
00:09:10 3249.70
00:09:00 3242.47
00:08:50 3235.17
00:08:40 3226.50
00:08:30 3218.53
00:08:20 3210.16
00:08:10 3200.95
00:08:00 3191.80
00:07:50 3181.60
00:07:40 3169.51
00:07:30 3157.73
00:07:20 3145.76
00:07:10 3130.11
00:07:00 3114.76
00:06:50 3101.27
00:06:40 3085.78
00:06:30 3070.83
00:06:20 3051.60
00:06:10 3016.34
00:06:00 2989.09
00:05:50 2955.16
00:05:40 2915.76
00:05:30 2863.16
00:05:20 2817.98
00:05:10 2751.12
00:05:00 2474.67
00:04:50 5591.41
00:04:40 7817.34
00:04:30 7821.61
00:04:20 7833.48
00:04:10 6552.32
00:04:00 6544.48
00:03:50 6538.04
00:03:40 6530.71
00:03:30 6522.38
00:03:20 6513.81
00:03:10 6504.79
00:03:00 6494.49
00:02:50 6483.16
00:02:40 6471.25
00:02:30 6457.16
00:02:20 6441.85
00:02:10 6423.70
00:02:00 6401.11
00:01:50 6371.79
00:01:40 6330.85
00:01:30 6254.32
00:01:20 5594.87
00:01:10 5767.24
00:01:00 8672.84
00:00:50 8603.76
00:00:40 8603.77
00:00:30 8603.67
00:00:20 8603.50



XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995218	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.0157	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000234811	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000363649	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	2091.45	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01757	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.0041	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000335356	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000689661	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PSSR	Pressure Gauges Sampling Rate	300	ms

RECD OCT 14 2011

PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.5	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.0101	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02037	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000683949	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.00045474	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

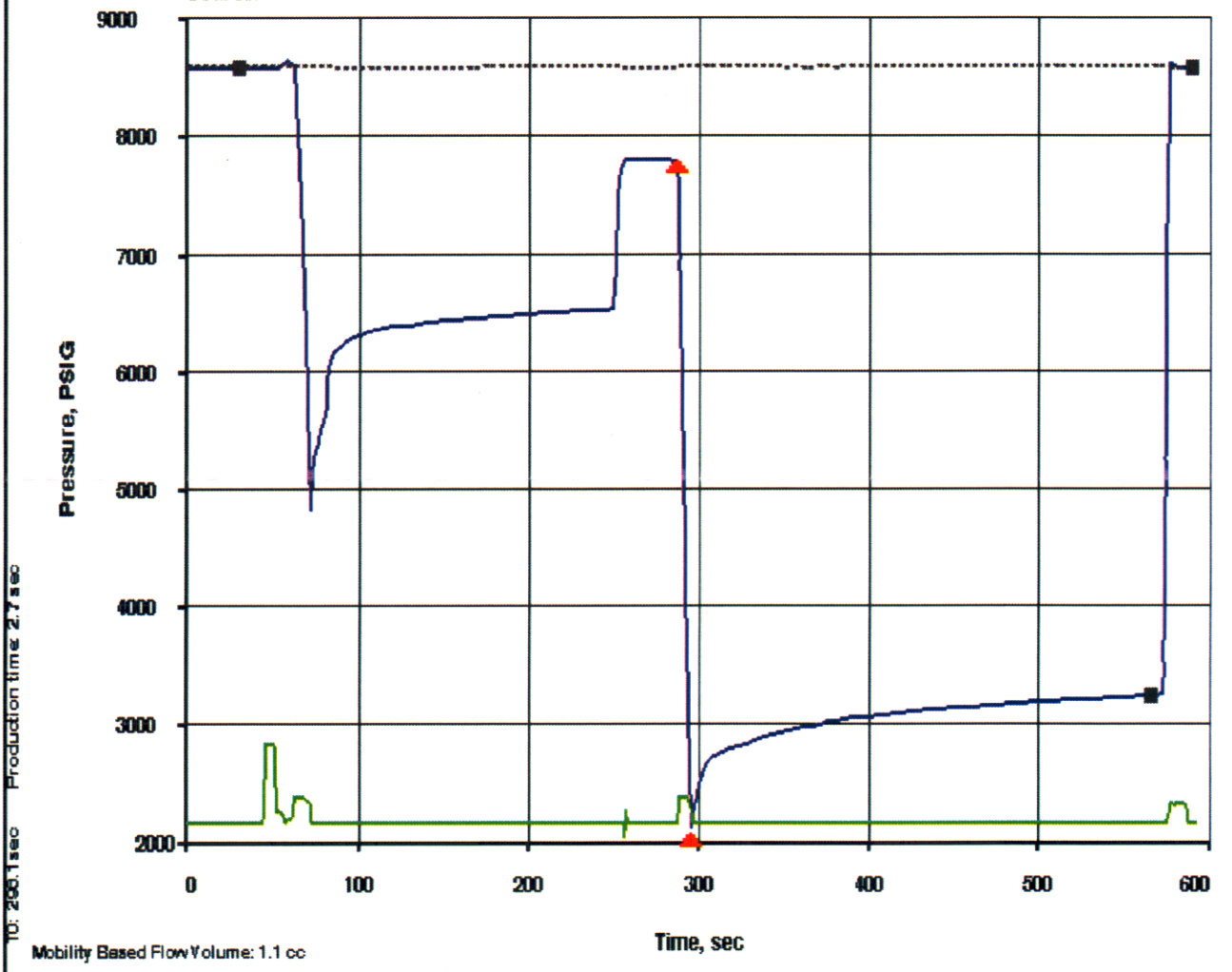
Output DLIS Files

DEFAULT	UBI_IS_XPT_178LTP	FN:293	PRODUCER	25-Jan-2011 04:17
RTBU	UBI_IS_XPT_178LTP	FN:294	PRODUCER	25-Jan-2011 04:18

File 178 | Depth, FT: 12346.92 | Volumetric Limited draw-down - Large-Diameter probe

21-Jan-2011 | OXY US LA BASIN | Dominguez | DOM-001

Mud Pressure before test, PSIG:	8588.96
Mud Pressure after test, PSIG:	8590.02
Last build-up pressure, PSIG:	3247.19
Draw-down mobility, md/cp:	0.05



Mobility Based Flow Volume: 1.1 cc

Total Pretest Volume: 4.2 cc · XPT-BA CP_SAP Resolution: 0.010psi

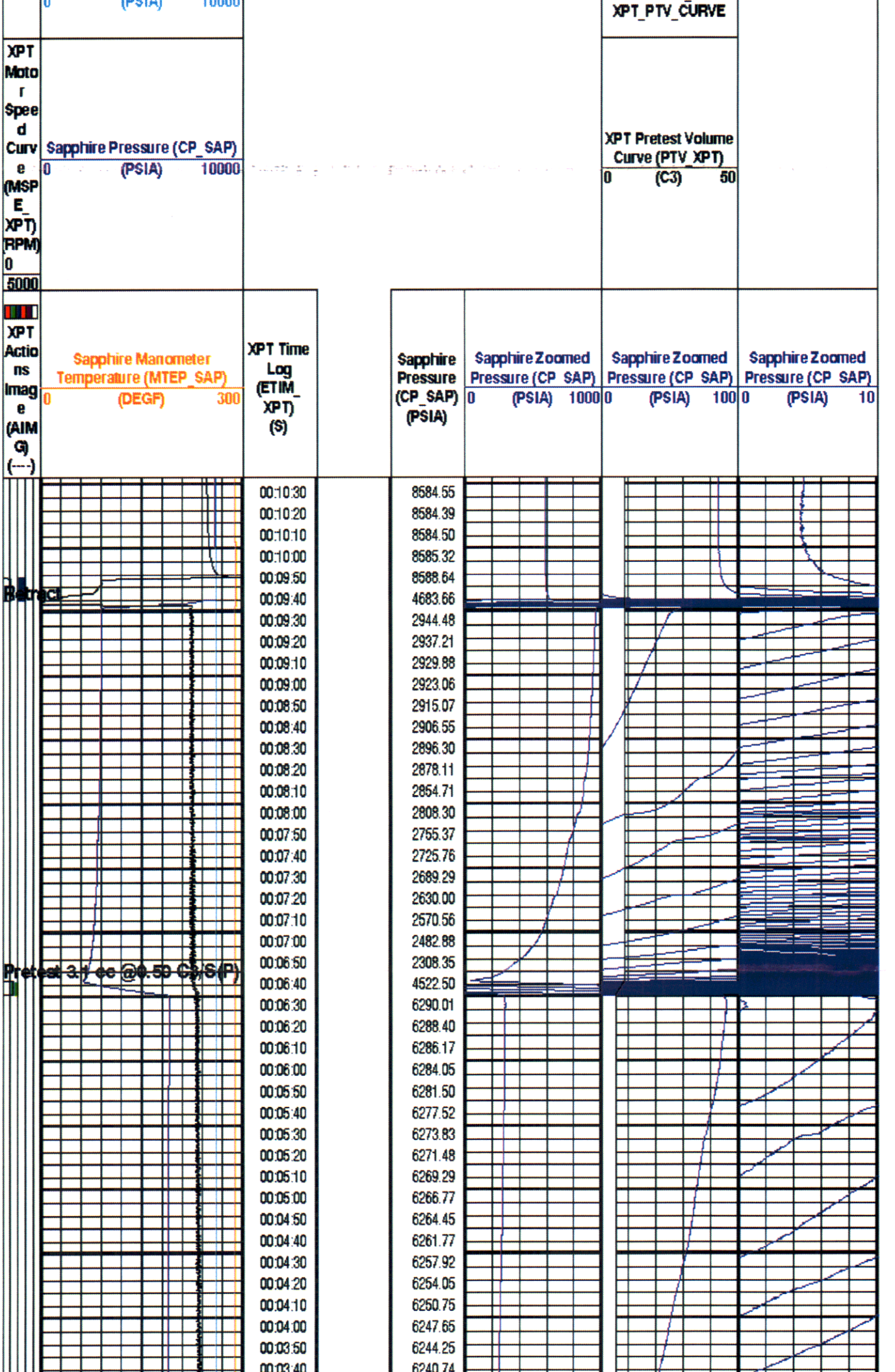
Output DLIS Files

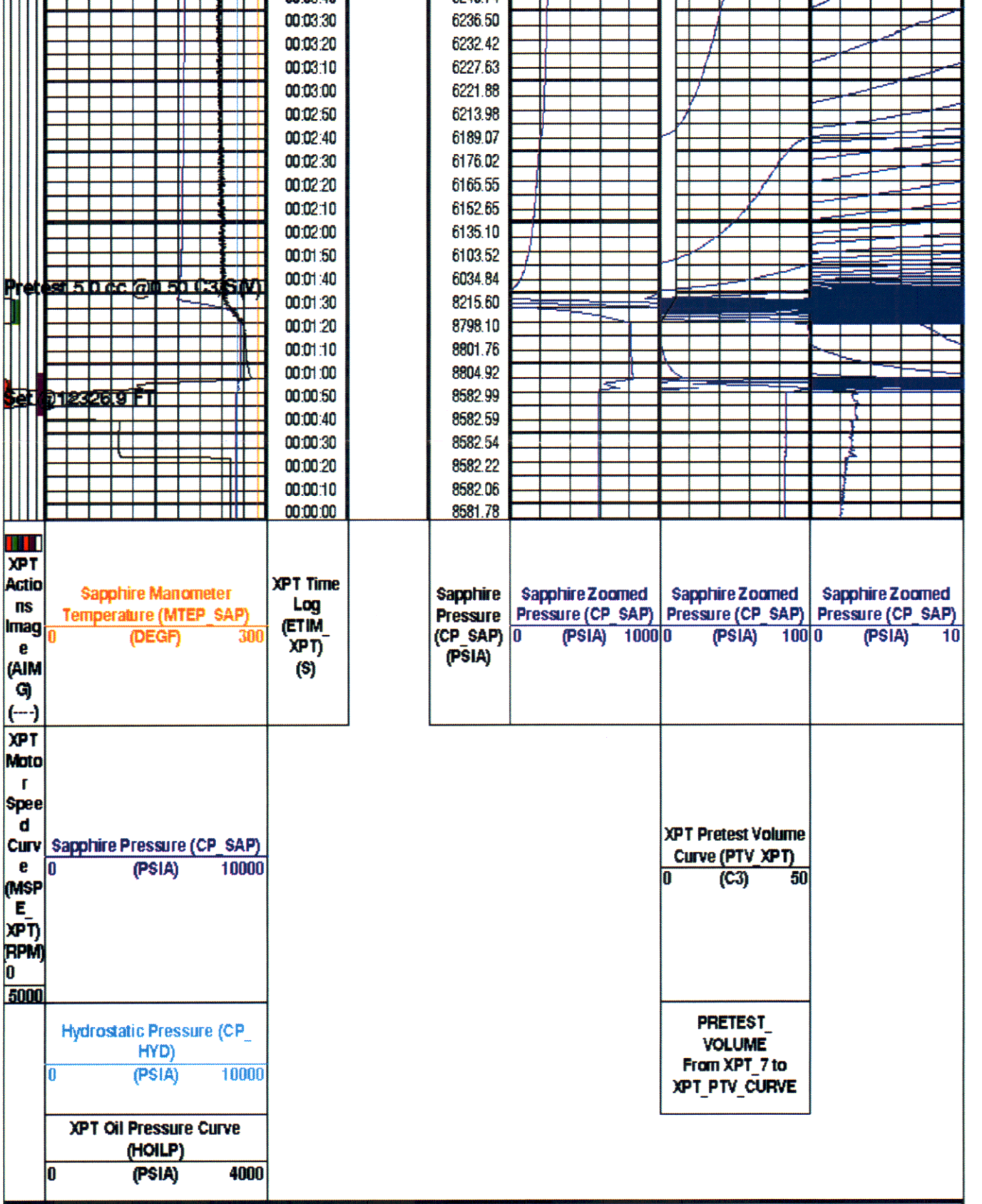
DEFAULT	UBI_IS_XPT_179LTP	FN:295	PRODUCER	25-Jan-2011 04:30	12362.7 FT
RTBU	UBI_IS_XPT_179LTP	FN:296	PRODUCER	25-Jan-2011 04:30	12362.7 FT

XPT Oil Pressure Curve (HOILP)		
0	(PSIA)	4000

Hydrostatic Pressure (CP_HYD)		
0	(PSIA)	10000

PRETEST_VOLUME From XPT 7 to


0 (PSIA) 10000
XPT_PTV_CURVE
XPT Motor Speed Curve (MSPE_XPT) (RPM)
0
5000
Sapphire Pressure (CP_SAP)
0 (PSIA) 10000
XPT Pretest Volume Curve (PTV_XPT)
0 (C3) 50
XPT Actions Image (AIMG) (----)
Sapphire Manometer Temperature (MTEP_SAP)
0 (DEGF) 300
XPT Time Log (ETIM_XPT) (S)
Sapphire Pressure (CP_SAP) (PSIA)
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 1000
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 100
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 10
Retract
Pretest 3.1 cc @0.50 C3/S(P)
00:10:30 8584.55
00:10:20 8584.39
00:10:10 8584.50
00:10:00 8585.32
00:09:50 8588.64
00:09:40 4683.66
00:09:30 2944.48
00:09:20 2937.21
00:09:10 2929.88
00:09:00 2923.06
00:08:50 2915.07
00:08:40 2906.55
00:08:30 2896.30
00:08:20 2878.11
00:08:10 2854.71
00:08:00 2808.30
00:07:50 2755.37
00:07:40 2725.76
00:07:30 2689.29
00:07:20 2630.00
00:07:10 2570.56
00:07:00 2482.88
00:06:50 2308.35
00:06:40 4522.50
00:06:30 6290.01
00:06:20 6288.40
00:06:10 6286.17
00:06:00 6284.05
00:05:50 6281.50
00:05:40 6277.52
00:05:30 6273.83
00:05:20 6271.48
00:05:10 6269.29
00:05:00 6266.77
00:04:50 6264.45
00:04:40 6261.77
00:04:30 6257.92
00:04:20 6254.05
00:04:10 6250.75
00:04:00 6247.65
00:03:50 6244.25
00:03:40 6240.74



XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995214	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.0157	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000229592	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000363648	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	2091.45	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01756	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.0041	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000339927	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000687404	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.5	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.0101	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02036	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000684705	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000447858	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

Output DLIS Files

DEFAULT	UBI_IS_XPT_179LTP	FN:295	PRODUCER	25-Jan-2011 04:30	
RTBU	UBI_IS_XPT_179LTP	FN:296	PRODUCER	25-Jan-2011 04:30	

Output DLIS Files

DEFAULT	UBI_IS_XPT_180LTP	FN:297	PRODUCER	25-Jan-2011 04:45	12351.8 FT
RTBU	UBI_IS_XPT_180LTP	FN:298	PRODUCER	25-Jan-2011 04:45	12351.8 FT

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
PTVO_XPT	2 C3	5 C3	12351.8 04:49:52

XPT Oil Pressure Curve (HOILP)
0 (PSIA) 4000

Hydrostatic Pressure (CP_HYD)
0 (PSIA) 10000

XPT Motor Speed Curve (MSPE_XPT)

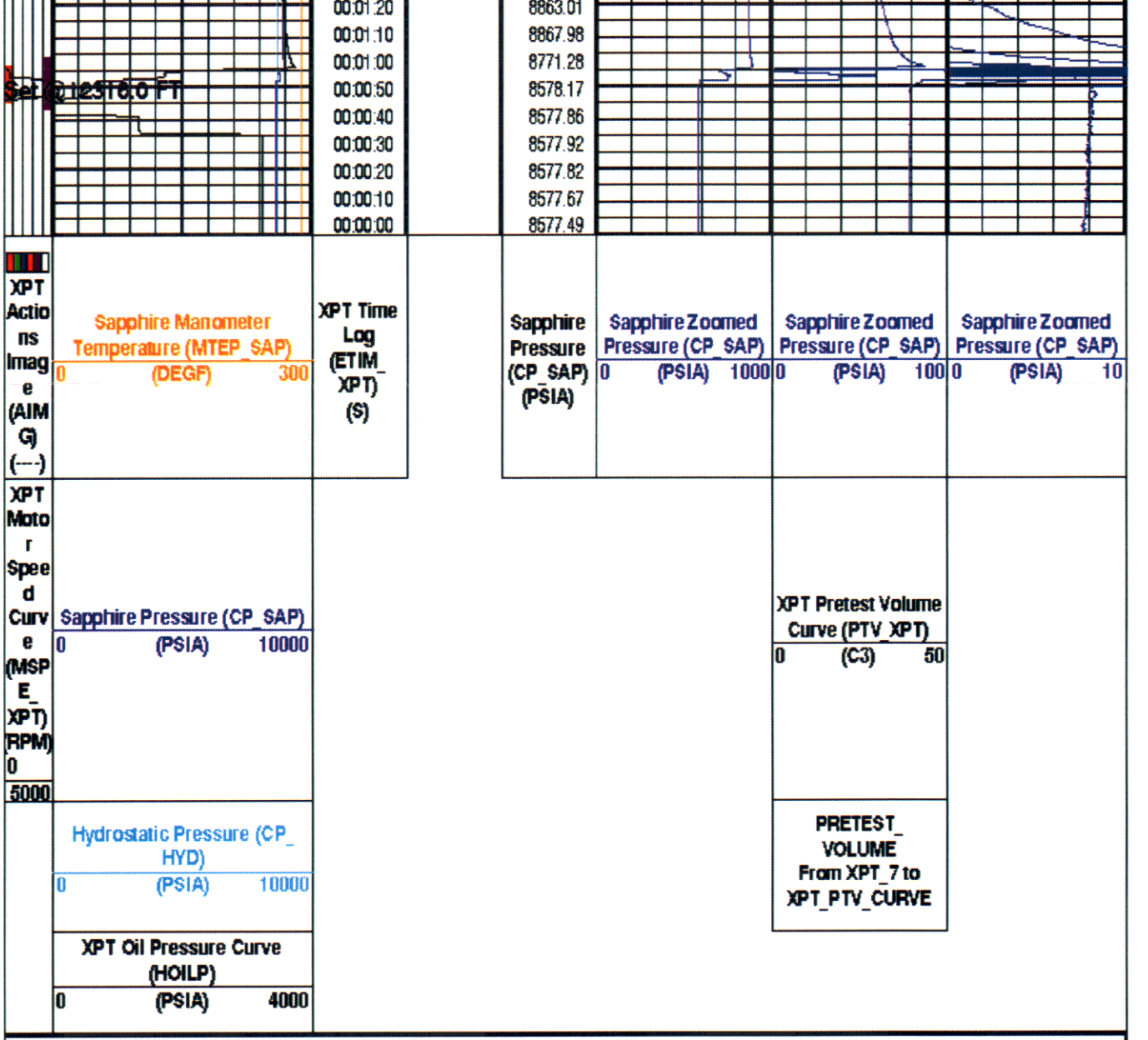
Sapphire Pressure (CP_SAP)
0 (PSIA) 10000

PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE

XPT Pretest Volume Curve (PTV_XPT)
0 (C3) 50

(RPM)
0
5000

XPT Actions Image (AIMG) (----)	Sapphire Manometer Temperature (MTEP_SAP) 0 (DEGF) 300	XPT Time Log (ETIM_XPT) (S)	Sapphire Pressure (CP_SAP) (PSIA)	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 1000	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 100	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 10
		00:10:10	8579.40			
		00:10:00	8580.51			
Retract		00:09:50	8594.36			
		00:09:40	6057.14			
		00:09:30	6052.25			
		00:09:20	6047.13			
		00:09:10	6042.00			
		00:09:00	6036.72			
		00:08:50	6030.83			
		00:08:40	6025.33			
		00:08:30	6019.69			
		00:08:20	6013.85			
		00:08:10	6007.81			
		00:08:00	6001.91			
		00:07:50	5995.92			
		00:07:40	5989.43			
		00:07:30	5983.15			
		00:07:20	5976.57			
		00:07:10	5969.68			
		00:07:00	5962.86			
		00:06:50	5955.70			
		00:06:40	5948.13			
		00:06:30	5940.21			
		00:06:20	5932.09			
		00:06:10	5922.16			
		00:06:00	5909.60			
		00:05:50	5898.62			
		00:05:40	5887.69			
		00:05:30	5876.17			
		00:05:20	5863.28			
		00:05:10	5846.11			
		00:05:00	5823.07			
		00:04:50	5787.58			
Pretest 2.0 cc @0.30 CC/S(V)		00:04:40	5673.43			
		00:04:30	7569.38			
		00:04:20	8073.21			
		00:04:10	8068.61			
		00:04:00	8063.58			
		00:03:50	8058.68			
		00:03:40	8053.38			
		00:03:30	8047.12			
		00:03:20	8040.94			
		00:03:10	8030.87			
		00:03:00	8022.67			
		00:02:50	8014.22			
		00:02:40	8000.83			
		00:02:30	7982.16			
		00:02:20	7953.49			
Pretest 5.0 cc @0.30 CC/S(V)		00:02:10	7903.32			
		00:02:00	8665.89			
		00:01:50	8855.65			
		00:01:40	8857.53			
		00:01:30	8859.82			



XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value
XPT-BA: Xpress Pressure Tool - BA		
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995233
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01571
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000233324
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000363653
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES

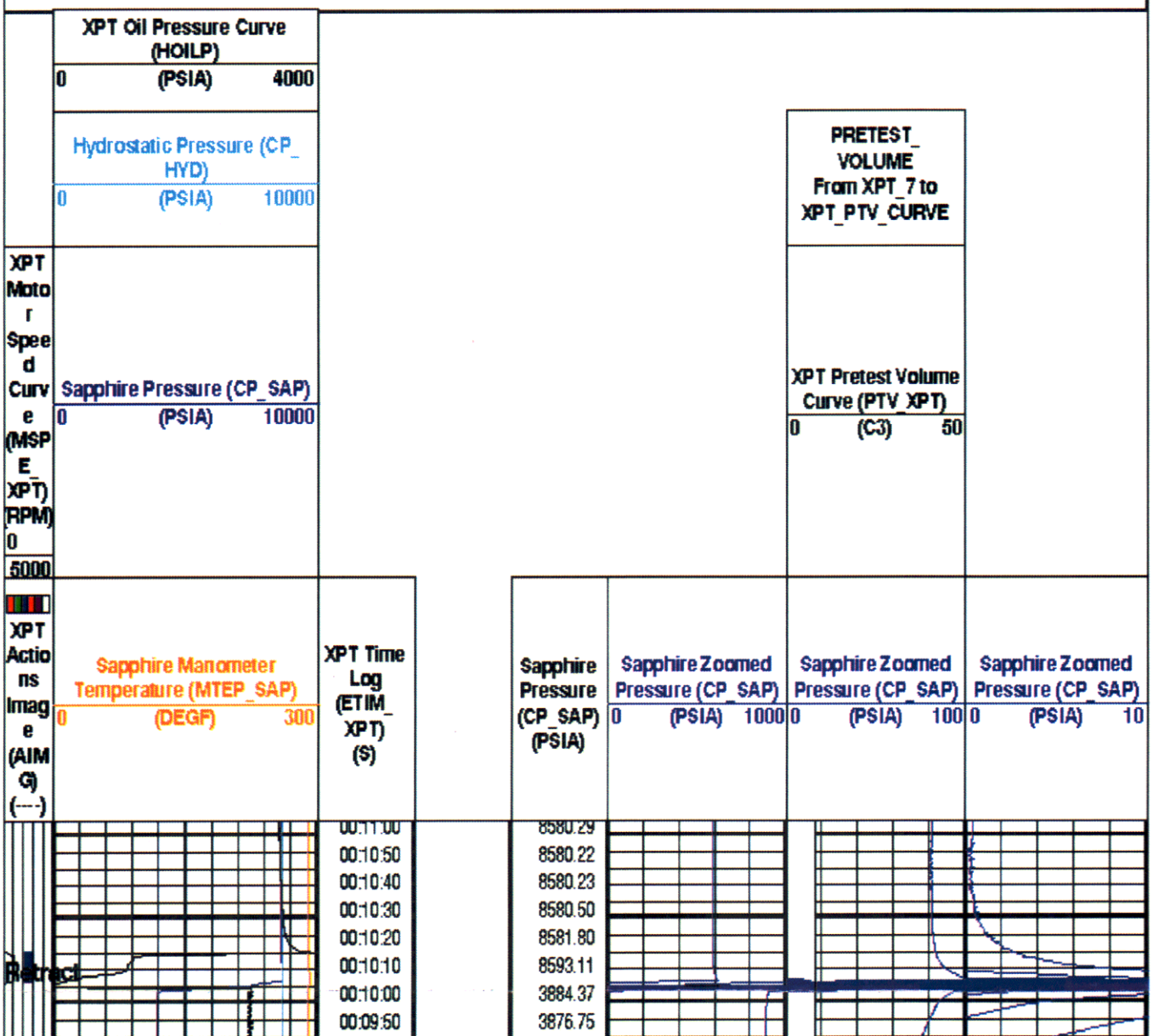
DDPL_XPT	Pretest Drawdown Limit	3000	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01757	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00411	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000341455	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000689668	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.3	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01012	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02037	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000684714	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000452449	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

Output DLIS Files

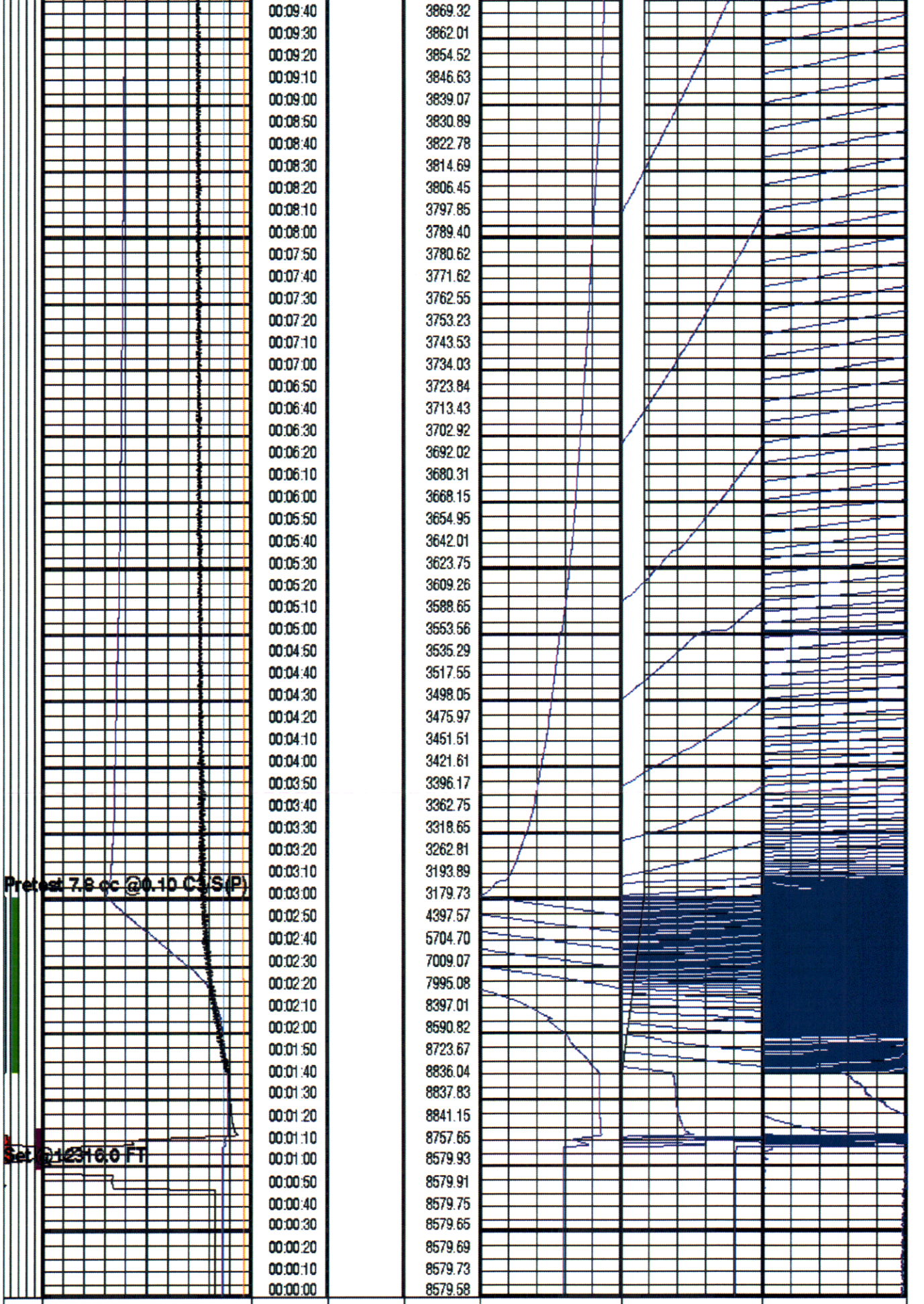
DEFAULT	UBI_IS_XPT_180LTP	FN:297	PRODUCER	25-Jan-2011 04:45	
RTBU	UBI_IS_XPT_180LTP	FN:298	PRODUCER	25-Jan-2011 04:45	

Output DLIS Files

DEFAULT	UBI_IS_XPT_181LTP	FN:299	PRODUCER	25-Jan-2011 04:59	12351.8 FT
RTBU	UBI_IS_XPT_181LTP	FN:300	PRODUCER	25-Jan-2011 04:59	12351.8 FT



RECD OCT 14 2011


Pretest 7.8 cc @0.10 CC/S(P)
Set @12316.0 FT
00:09:40 3869.32
00:09:30 3862.01
00:09:20 3854.52
00:09:10 3846.63
00:09:00 3839.07
00:08:50 3830.89
00:08:40 3822.78
00:08:30 3814.69
00:08:20 3806.45
00:08:10 3797.85
00:08:00 3789.40
00:07:50 3780.62
00:07:40 3771.62
00:07:30 3762.55
00:07:20 3753.23
00:07:10 3743.53
00:07:00 3734.03
00:06:50 3723.84
00:06:40 3713.43
00:06:30 3702.92
00:06:20 3692.02
00:06:10 3680.31
00:06:00 3668.15
00:05:50 3654.95
00:05:40 3642.01
00:05:30 3623.75
00:05:20 3609.26
00:05:10 3588.65
00:05:00 3553.56
00:04:50 3535.29
00:04:40 3517.55
00:04:30 3498.05
00:04:20 3475.97
00:04:10 3451.51
00:04:00 3421.61
00:03:50 3396.17
00:03:40 3362.75
00:03:30 3318.65
00:03:20 3262.81
00:03:10 3193.89
00:03:00 3179.73
00:02:50 4397.57
00:02:40 5704.70
00:02:30 7009.07
00:02:20 7995.08
00:02:10 8397.01
00:02:00 8590.82
00:01:50 8723.67
00:01:40 8836.04
00:01:30 8837.83
00:01:20 8841.15
00:01:10 8757.65
00:01:00 8579.93
00:00:50 8579.91
00:00:40 8579.75
00:00:30 8579.65
00:00:20 8579.69
00:00:10 8579.73
00:00:00 8579.58
XPT Actions Imag
Sapphire Manometer Temperature (MTEP_SAP)
0 (DEGF) 300
XPT Time Log (ETIM_XPT)
Sapphire Pressure (CP_SAP)
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 1000
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 100
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 10

e (AIMG) (---)		XPT) (S)	(PSIA)			
XPT Motor Speed Curve (MSPE_XPT) (RPM) 0 5000	Sapphire Pressure (CP_SAP) 0 (PSIA) 10000				XPT Pretest Volume Curve (PTV_XPT) 0 (C3) 50	
	Hydrostatic Pressure (CP_HYD) 0 (PSIA) 10000				PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE	
	XPT Oil Pressure Curve (HOILP) 0 (PSIA) 4000					

XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.99524	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01571	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000234816	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000365937	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	3000	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01758	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00412	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000342218	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000691178	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.1	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	10	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01011	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02039	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000686984	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000457041	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels		

		YES
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES

Output DLIS Files

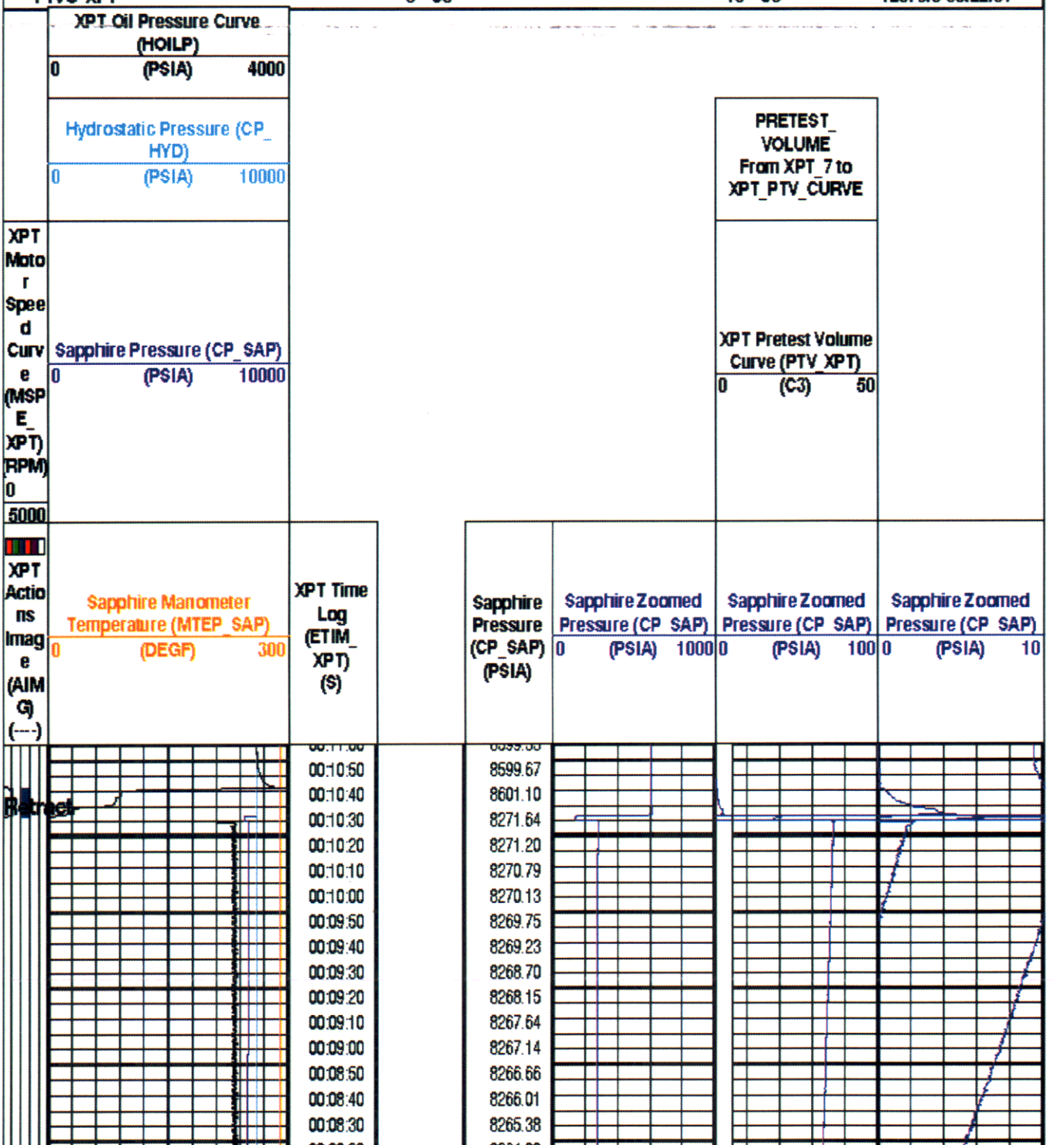
DEFAULT	UBI_IS_XPT_181LTP	FN:299	PRODUCER	25-Jan-2011 04:59	
RTBU	UBI_IS_XPT_181LTP	FN:300	PRODUCER	25-Jan-2011 04:59	

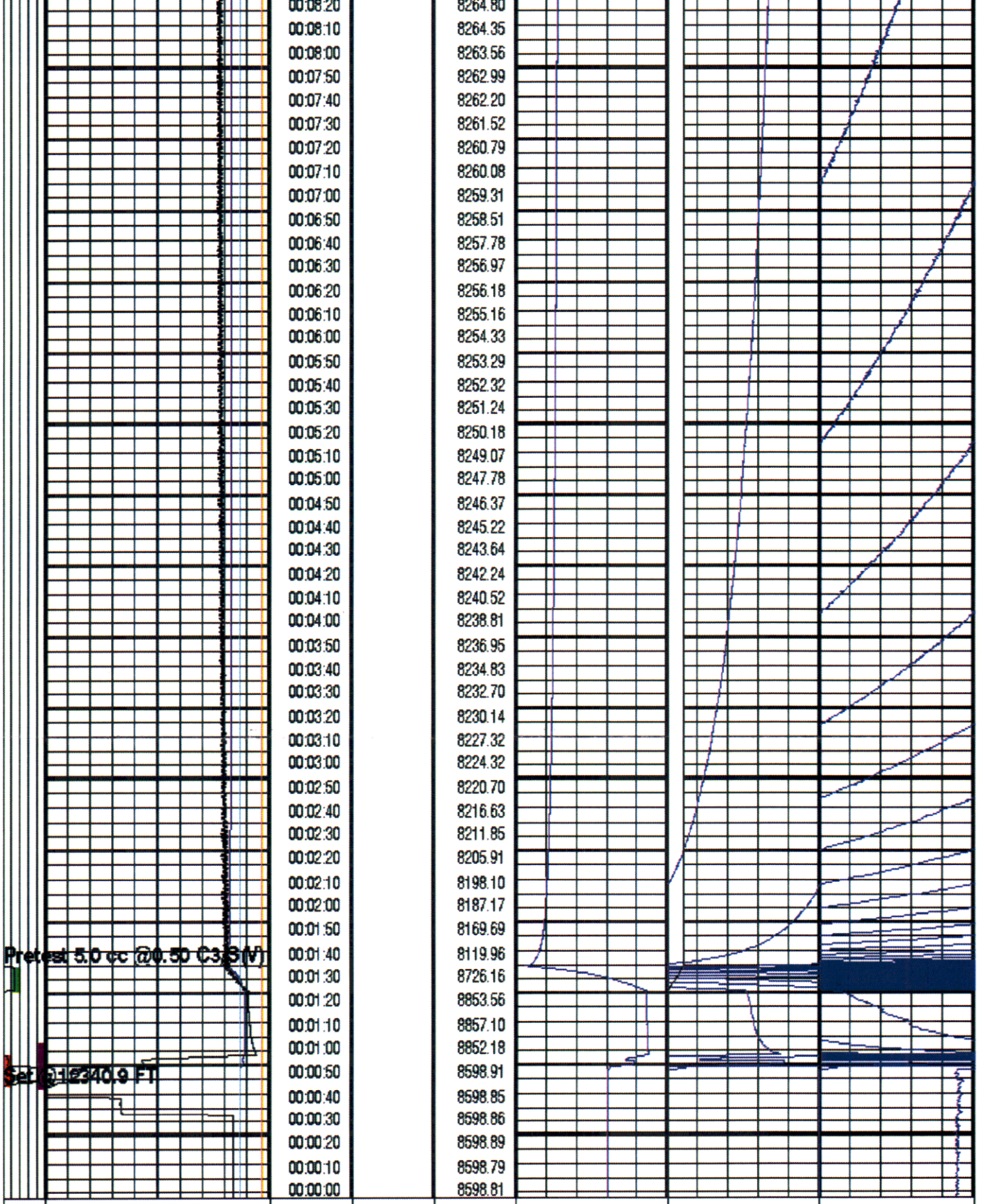
Output DLIS Files

DEFAULT	UBI_IS_XPT_182LTP	FN:301	PRODUCER	25-Jan-2011 05:21	12376.8 FT
RTBU	UBI_IS_XPT_182LTP	FN:302	PRODUCER	25-Jan-2011 05:21	12376.8 FT

Changed Parameter Summary

DLIS Name	New Value	Previous Value	Depth & Time
PRSP	0.5 C3/S	0.1 C3/S	12376.8 05:22:27
PTVO XPT	5 C3	10 C3	12376.8 05:22:31





RECD OCT 14 2011

Curve (MSPE_XPT) (RPM)	Sapphire Pressure (CP_SAP)	
0	(PSIA)	10000
5000		

Hydrostatic Pressure (CP_HYD)		
0	(PSIA)	10000

XPT Oil Pressure Curve (HOILP)		
0	(PSIA)	4000

Curve (PTV_XPT)		
0	(C3)	50

PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE

XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995251	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01572	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.00023631	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000362897	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	3000	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01758	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00412	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000342982	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000692686	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.1	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	10	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01012	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02038	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000689254	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000453983	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

Output DLIS Files

DEFAULT	UBI_IS_XPT_182LTP	FN:301	PRODUCER	25-Jan-2011 05:21
RTBU	UBI_IS_XPT_182LTP	FN:302	PRODUCER	25-Jan-2011 05:21

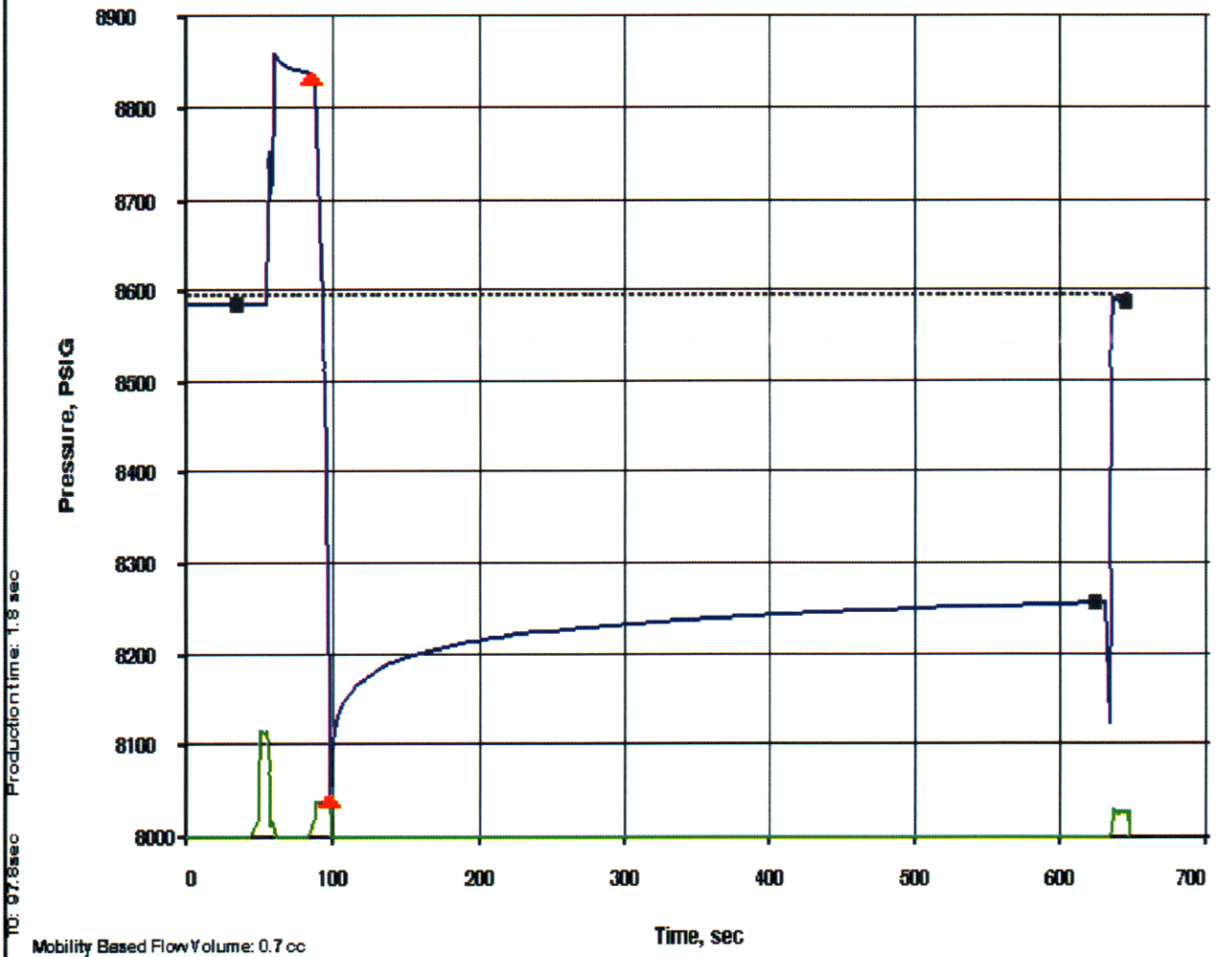
File 182 Depth, FT: 12340.94 Volumetric Limited draw-down - Large-Diameter probe

21-Jan-2011 OXY US LA BASIN

Dominguez

DOM-001

Mud Pressure before test, PSIG:	8584.28
Mud Pressure after test, PSIG:	8585.28
Last build-up pressure, PSIG:	8256.7
Draw-down mobility, md/cp:	0.1

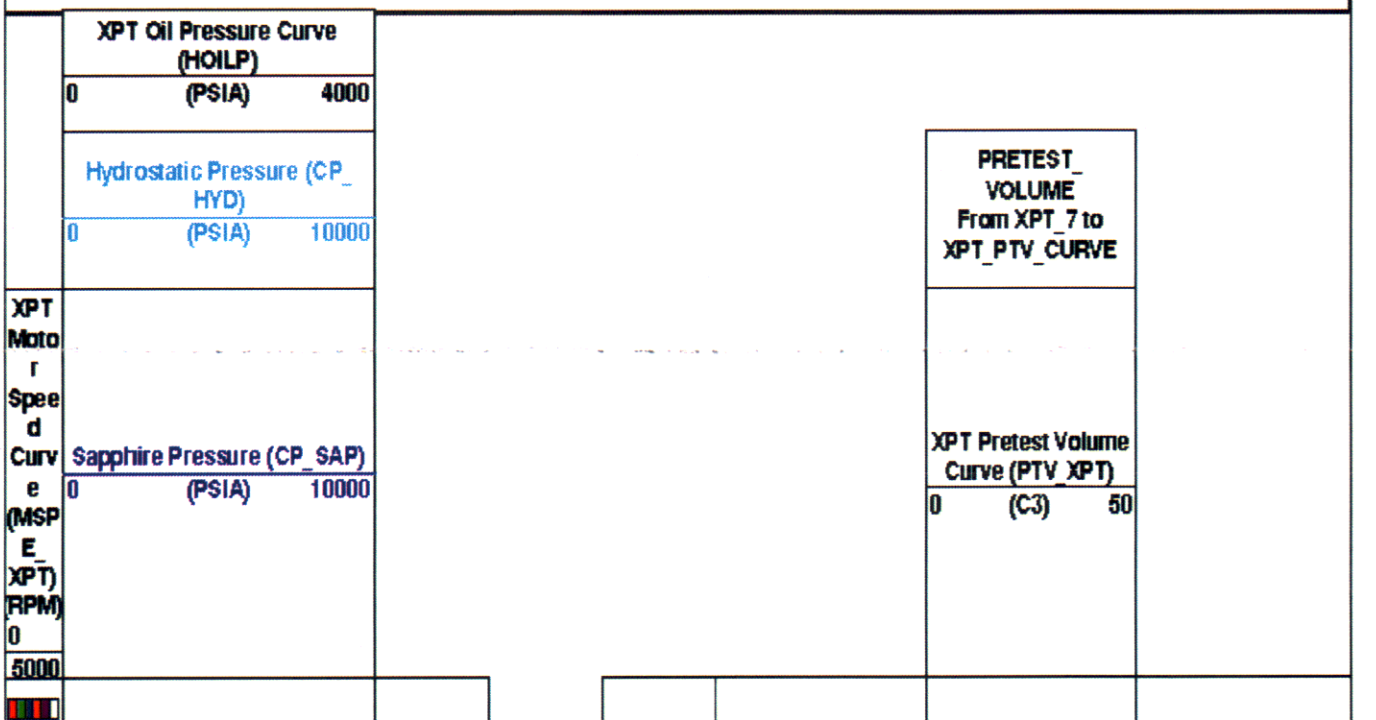


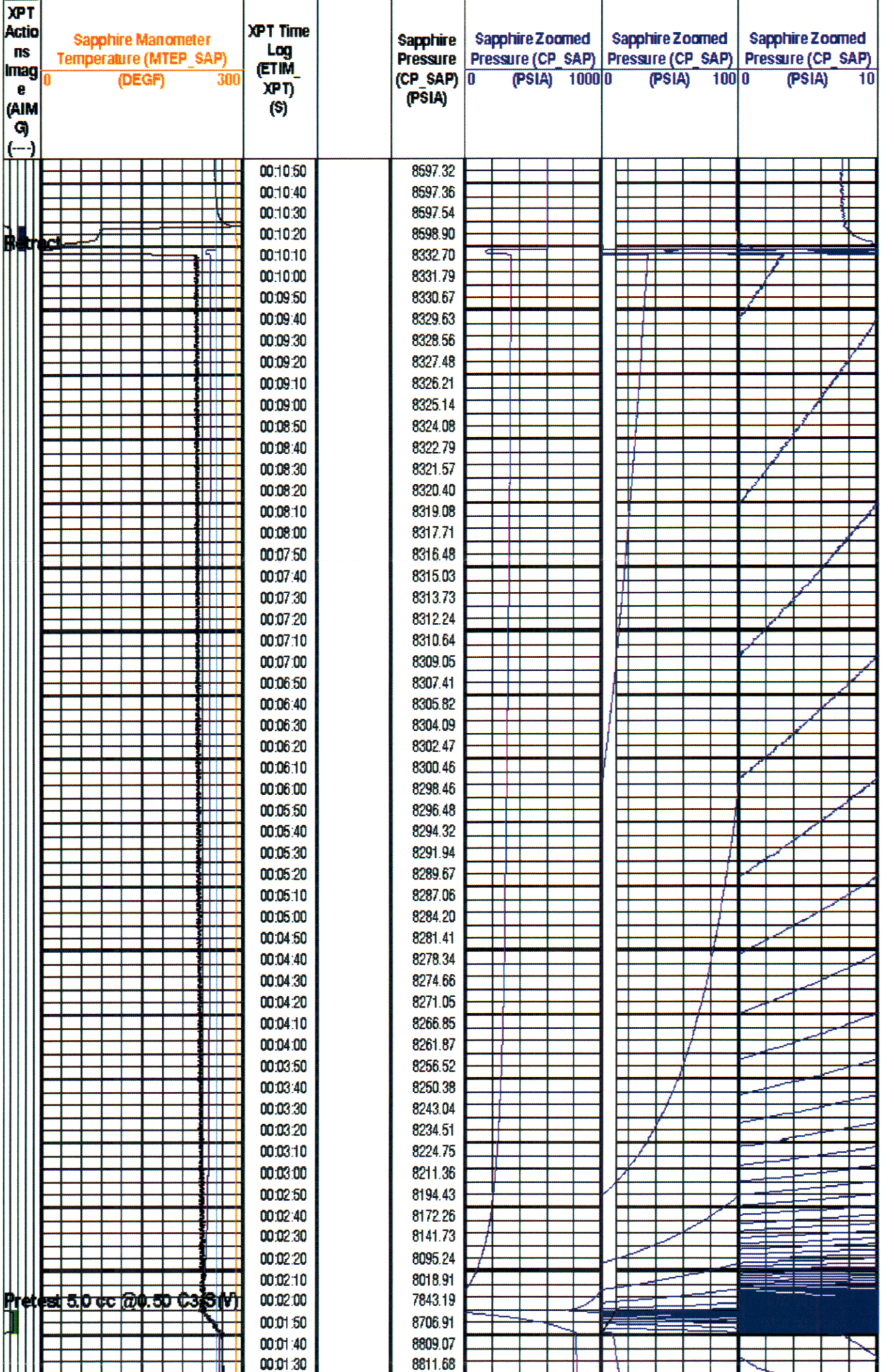
Mobility Based Flow Volume: 0.7 cc

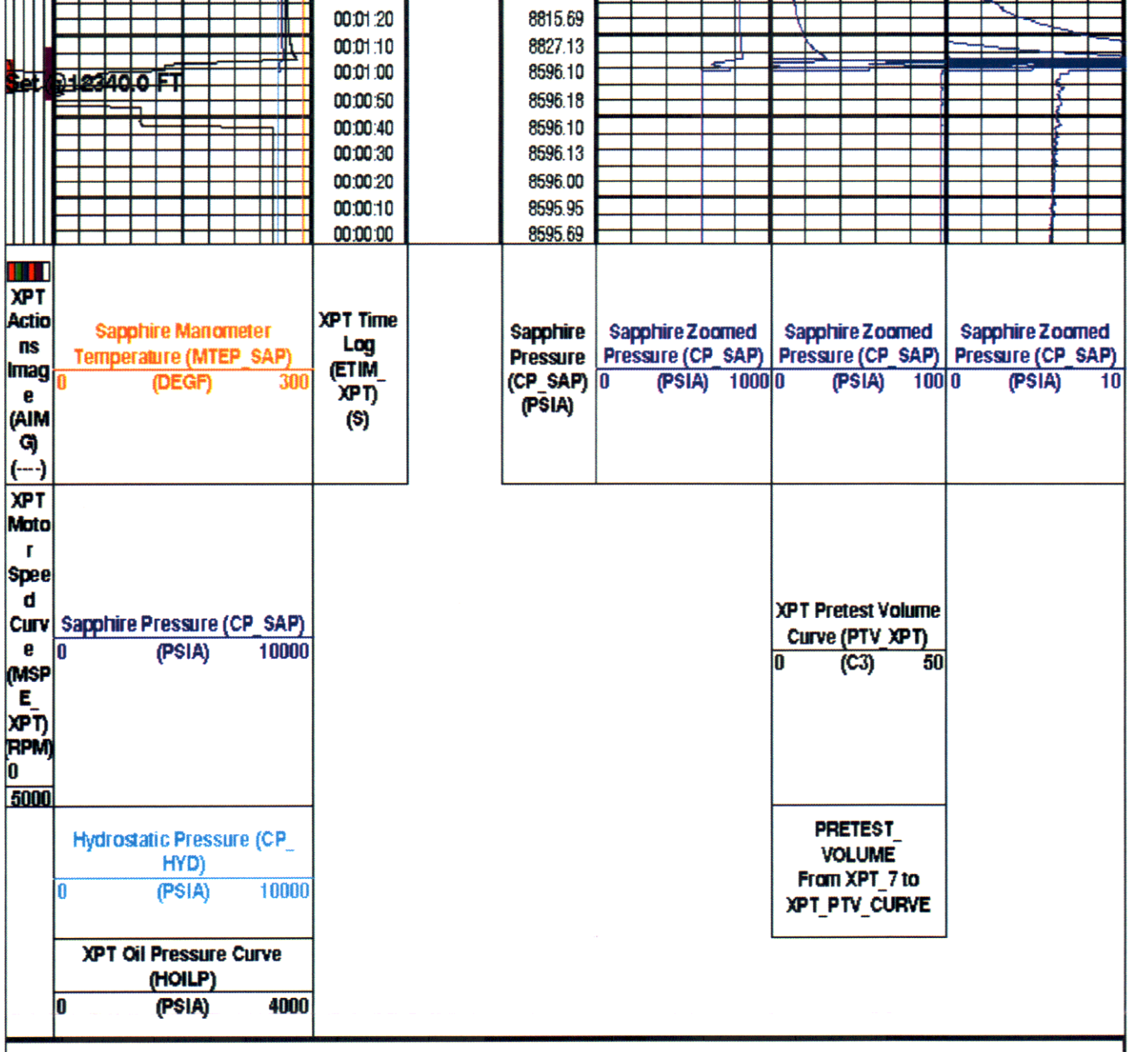
Total Pretest Volume: 5.0 cc · XPT-BA CP_SAP Resolution: 0.010psi

Output DLIS Files

DEFAULT	UBI_IS_XPT_183LTP	FN:303	PRODUCER	25-Jan-2011 05:35	12375.8 FT
RTBU	UBI_IS_XPT_183LTP	FN:304	PRODUCER	25-Jan-2011 05:36	12375.8 FT




XPT Actions Image (AIMG) (---)
Sapphire Manometer Temperature (MTEP_SAP)
0 (DEGF) 300
XPT Time Log (ETIM_XPT) (S)
Sapphire Pressure (CP_SAP) (PSIA)
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 1000
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 100
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 10
Retract
Pretest 5.0 cc @0.50 C3(SIV)
00:10:50 8597.32
00:10:40 8597.36
00:10:30 8597.54
00:10:20 8598.90
00:10:10 8332.70
00:10:00 8331.79
00:09:50 8330.67
00:09:40 8329.63
00:09:30 8328.56
00:09:20 8327.48
00:09:10 8326.21
00:09:00 8325.14
00:08:50 8324.08
00:08:40 8322.79
00:08:30 8321.57
00:08:20 8320.40
00:08:10 8319.08
00:08:00 8317.71
00:07:50 8316.48
00:07:40 8315.03
00:07:30 8313.73
00:07:20 8312.24
00:07:10 8310.64
00:07:00 8309.05
00:06:50 8307.41
00:06:40 8305.82
00:06:30 8304.09
00:06:20 8302.47
00:06:10 8300.46
00:06:00 8298.46
00:05:50 8296.48
00:05:40 8294.32
00:05:30 8291.94
00:05:20 8289.67
00:05:10 8287.06
00:05:00 8284.20
00:04:50 8281.41
00:04:40 8278.34
00:04:30 8274.66
00:04:20 8271.05
00:04:10 8266.85
00:04:00 8261.87
00:03:50 8256.52
00:03:40 8250.38
00:03:30 8243.04
00:03:20 8234.51
00:03:10 8224.75
00:03:00 8211.36
00:02:50 8194.43
00:02:40 8172.26
00:02:30 8141.73
00:02:20 8095.24
00:02:10 8018.91
00:02:00 7843.19
00:01:50 8706.91
00:01:40 8809.07
00:01:30 8811.68



XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value
XPT-BA: Xpress Pressure Tool - BA		
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995261
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01572
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000235567
BTB_SAP	Sapphire Board Temperature B Coefficient	0.00036594
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES
BTCT_SAP	Sapphire Board Temperature Coefficients Read From Data Channels	YES

DDPL_XPT	Pretest Drawdown Limit	3000	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01759	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00413	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000343746	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000694197	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.5	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01013	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.02039	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000687749	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000453988	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

Output DLIS Files

DEFAULT	UBI_IS_XPT_183LTP	FN:303	PRODUCER	25-Jan-2011 05:35
RTBU	UBI_IS_XPT_183LTP	FN:304	PRODUCER	25-Jan-2011 05:36

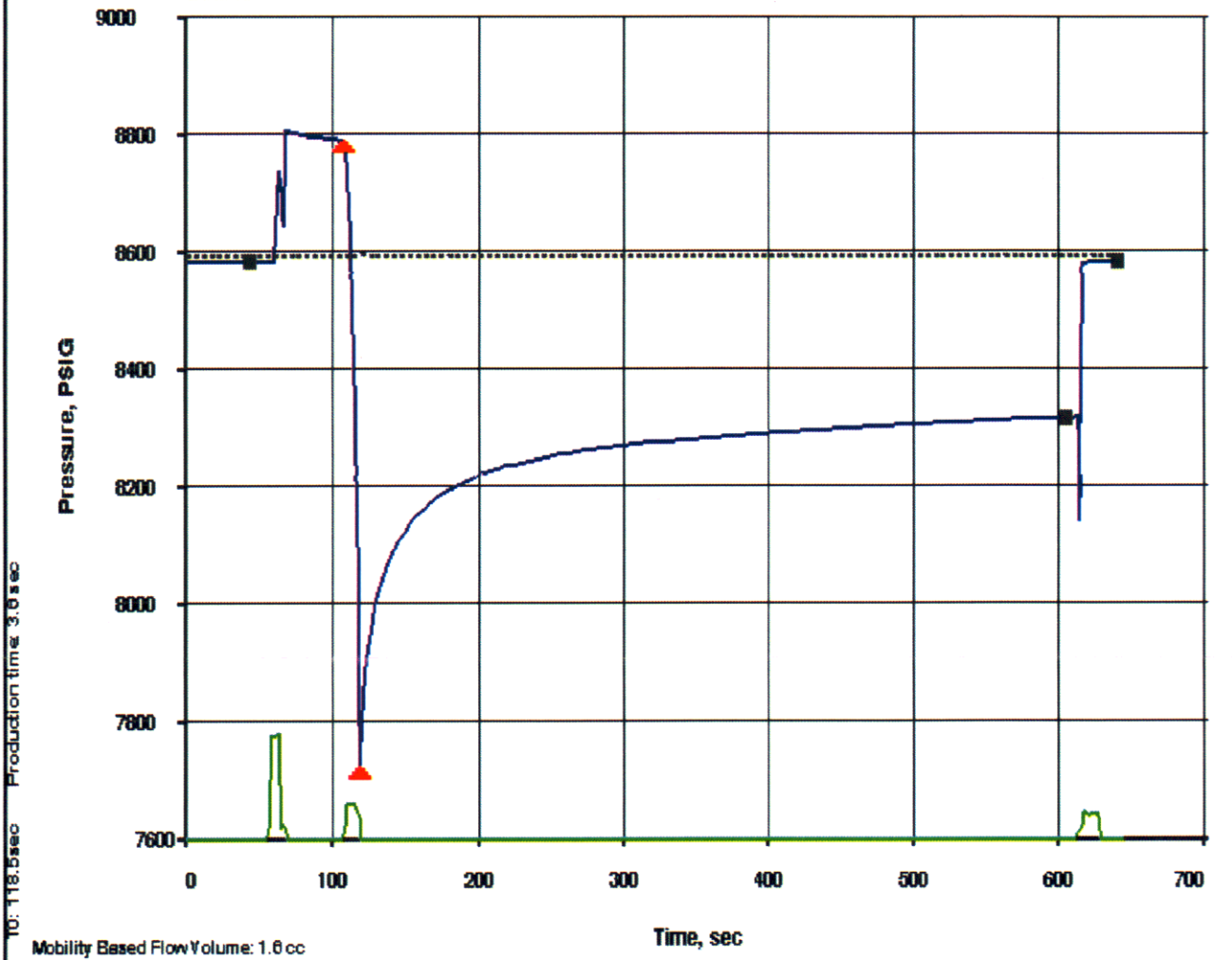
File 183 Depth, FT: 12339.98 Normal Pretest - Large-Diameter probe

21-Jan-2011 OXYUS LA BASIN

Dominguez

DOM-001

Mud Pressure before test, PSIG:	8581.47
Mud Pressure after test, PSIG:	8582.66
Last build-up pressure, PSIG:	8317.63
Draw-down mobility, md/cp:	0.1

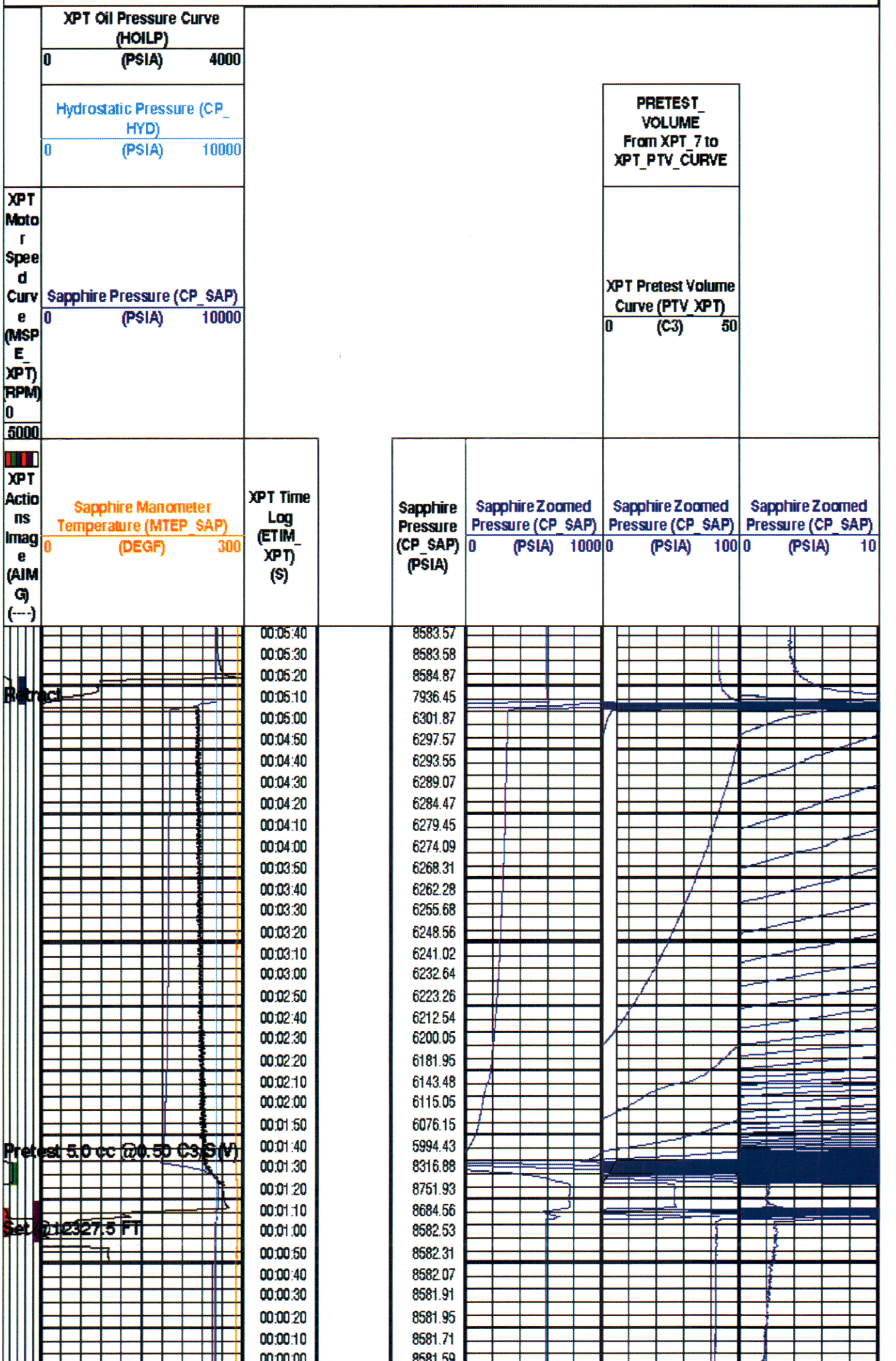


Mobility Based Flow Volume: 1.6 cc

Total Pretest Volume: 5.0 cc - XPT-BA CP_SAP Resolution: 0.010psi

Output DLIS Files

DEFAULT	UBI_IS_XPT_184LTP	FN:305	PRODUCER	25-Jan-2011 05:49	12363.3 FT
RTBU	UBI_IS_XPT_184LTP	FN:306	PRODUCER	25-Jan-2011 05:49	12363.3 FT


XPT Oil Pressure Curve (HOILP)
0 (PSIA) 4000
Hydrostatic Pressure (CP_HYD)
0 (PSIA) 10000
PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE
XPT Motor Speed Curve (MSPE_XPT) (RPM)
0
5000
Sapphire Pressure (CP_SAP)
0 (PSIA) 10000
XPT Pretest Volume Curve (PTV_XPT)
0 (C3) 50
XPT Actions Image (AIMG) (----)
Sapphire Manometer Temperature (MTEP_SAP)
0 (DEGF) 300
XPT Time Log (ETIM_XPT) (S)
Sapphire Pressure (CP_SAP) (PSIA)
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 1000
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 100
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 10
Retract
Pretest 5.0 cc @0.50 C3/S(V)
Set @12327.5 FT
00:05:40 8583.57
00:05:30 8583.58
00:05:20 8584.87
00:05:10 7936.45
00:05:00 6301.87
00:04:50 6297.57
00:04:40 6293.55
00:04:30 6289.07
00:04:20 6284.47
00:04:10 6279.45
00:04:00 6274.09
00:03:50 6268.31
00:03:40 6262.28
00:03:30 6255.68
00:03:20 6248.56
00:03:10 6241.02
00:03:00 6232.64
00:02:50 6223.26
00:02:40 6212.54
00:02:30 6200.05
00:02:20 6181.95
00:02:10 6143.48
00:02:00 6115.05
00:01:50 6076.15
00:01:40 5994.43
00:01:30 8316.88
00:01:20 8751.93
00:01:10 8684.56
00:01:00 8582.53
00:00:50 8582.31
00:00:40 8582.07
00:00:30 8581.91
00:00:20 8581.95
00:00:10 8581.71
00:00:00 8581.59

XPT Actions Image (AIMG) (----)	Sapphire Manometer Temperature (MTEP_SAP) 0 (DEGF) 300	XPT Time Log (ETIM_XPT) (S)	Sapphire Pressure (CP_SAP) (PSIA)	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 1000	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 100	Sapphire Zoomed Pressure (CP_SAP) 0 (PSIA) 10
XPT Motor Speed Curve (MSPE_XPT) (RPM) 0 5000	Sapphire Pressure (CP_SAP) 0 (PSIA) 10000				XPT Pretest Volume Curve (PTV_XPT) 0 (C3) 50	
	Hydrostatic Pressure (CP_HYD) 0 (PSIA) 10000				PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE	
	XPT Oil Pressure Curve (HOILP) 0 (PSIA) 4000					

XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995263	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01572	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000237058	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000367462	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	3000	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01759	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00414	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.000342223	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000694953	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSR	Pretest Rate	0.5	C3/S

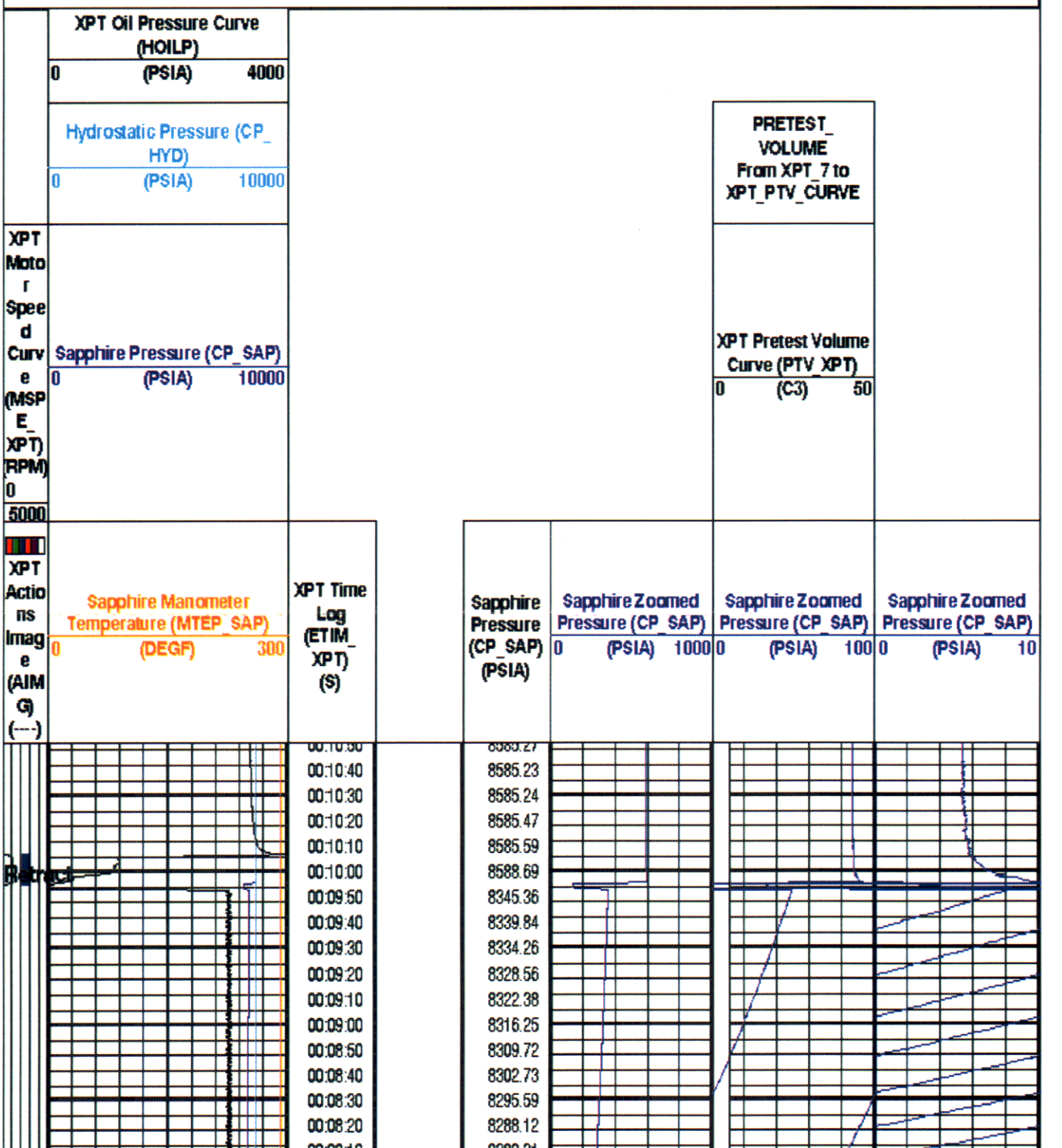
PRSP	Pretest Rate	55	55/0
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01012	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.0204	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000690015	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000457048	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

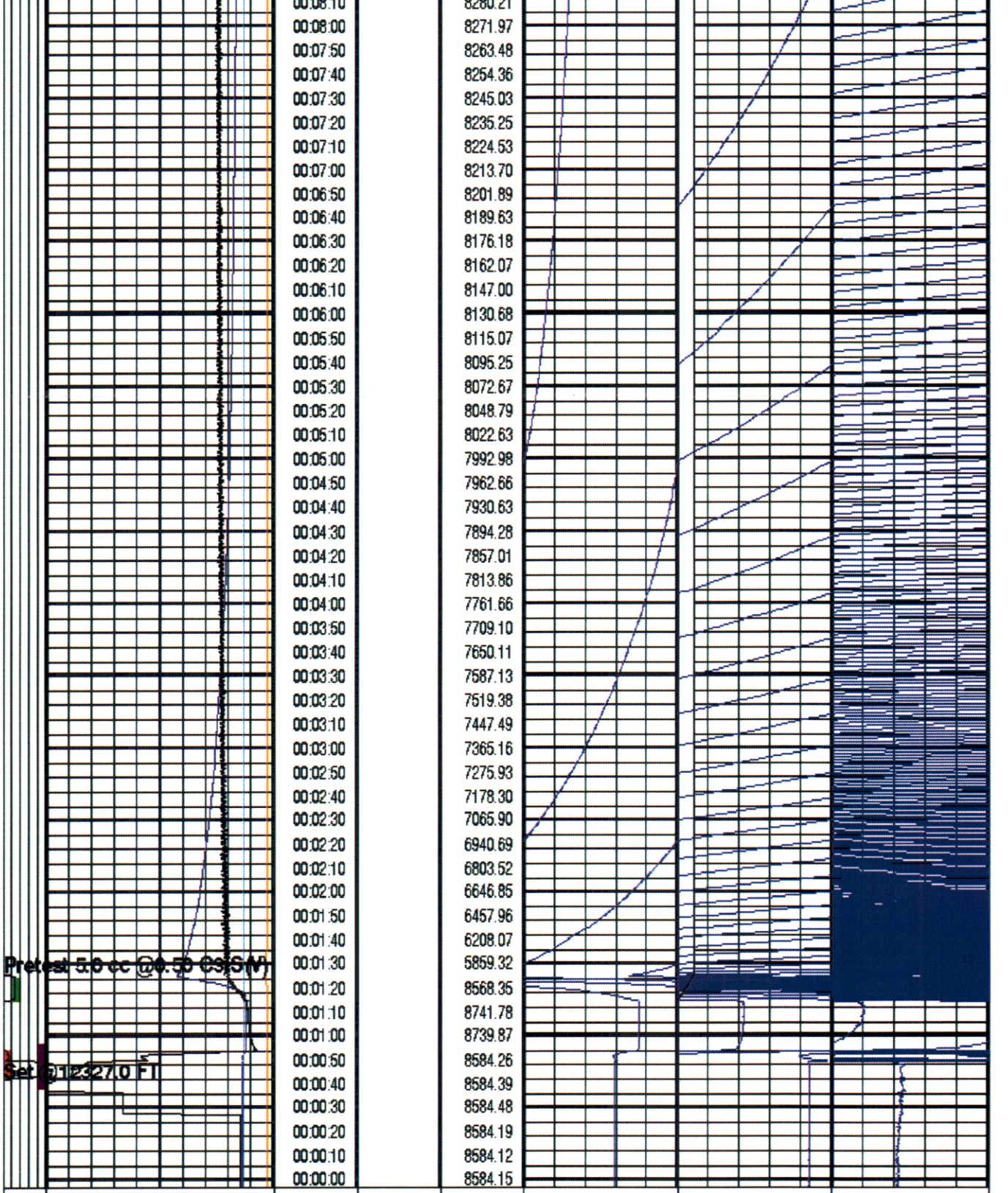
Output DLIS Files

DEFAULT	UBI_IS_XPT_184LTP	FN:305	PRODUCER	25-Jan-2011 05:49	
RTBU	UBI_IS_XPT_184LTP	FN:306	PRODUCER	25-Jan-2011 05:49	

Output DLIS Files

DEFAULT	UBI_IS_XPT_185LTP	FN:307	PRODUCER	25-Jan-2011 05:57	12362.8 FT
RTBU	UBI_IS_XPT_185LTP	FN:308	PRODUCER	25-Jan-2011 05:57	12362.8 FT




Pretest 5.0 cc @0.50 CC/S(M)
Set @12327.0 FT
00:08:10
00:08:00
00:07:50
00:07:40
00:07:30
00:07:20
00:07:10
00:07:00
00:06:50
00:06:40
00:06:30
00:06:20
00:06:10
00:06:00
00:05:50
00:05:40
00:05:30
00:05:20
00:05:10
00:05:00
00:04:50
00:04:40
00:04:30
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00:04:10
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00:03:50
00:03:40
00:03:30
00:03:20
00:03:10
00:03:00
00:02:50
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00:00:30
00:00:20
00:00:10
00:00:00
8280.21
8271.97
8263.48
8254.36
8245.03
8235.25
8224.53
8213.70
8201.89
8189.63
8176.18
8162.07
8147.00
8130.68
8115.07
8095.25
8072.67
8048.79
8022.63
7992.98
7962.66
7930.63
7894.28
7857.01
7813.86
7761.66
7709.10
7650.11
7587.13
7519.38
7447.49
7365.16
7275.93
7178.30
7065.90
6940.69
6803.52
6646.85
6457.96
6208.07
5859.32
8568.35
8741.78
8739.87
8584.26
8584.39
8584.48
8584.19
8584.12
8584.15
XPT Actions Image (AIMG) (----)
Sapphire Manometer Temperature (MTEP_SAP)
0 (DEGF) 300
XPT Time Log (ETIM_XPT) (S)
Sapphire Pressure (CP_SAP) (PSIA)
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 1000
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 100
Sapphire Zoomed Pressure (CP_SAP)
0 (PSIA) 10
XPT Motor Speed Curve
Sapphire Pressure (CP_SAP)
0 (PSIA) 10000
XPT Pretest Volume Curve (PTV_XPT)

e (MSPE_XPT) (RPM) 0	0 (PSIA) 10000	0 (C3) 50
5000	Hydrostatic Pressure (CP_HYD) 0 (PSIA) 10000	PRETEST_VOLUME From XPT_7 to XPT_PTV_CURVE
	XPT Oil Pressure Curve (HOILP) 0 (PSIA) 4000	

XPT Actions Image

WHITE: No Action / COLORED: Action in progress
Left to right:

1. Set (Red)
2. Pretest (Green)
3. Retract (Blue)
4. Init Pretest (Orange)
5. ACom Calibration (Purple)

XPT Dynamic Compensation Status

Quartz Gauge Pressure not compensated and corrected
Sapphire Gauge Pressure compensated and corrected
Hydrostatic Sapphire Gauge Pressure compensated and corrected

Parameters

DLIS Name	Description	Value	
XPT-BA: Xpress Pressure Tool - BA			
BTA_HYD	Hydrostatic Gauge Board Temperature A Coefficient	0.995275	
BTA_SAP	Sapphire Board Temperature A Coefficient	1.01572	
BTB_HYD	Hydrostatic Gauge Board Temperature B Coefficient	-0.000239297	
BTB_SAP	Sapphire Board Temperature B Coefficient	0.000368223	
BTCT_HYD	Hydrostatic Gauge Board Temperature Coefficients Read From Data Channels	YES	
BTCT_SAP	Sapphire Board Temperature Coefficients Read Fram Data Channels	YES	
DDPL_XPT	Pretest Drawdown Limit	3000	PSIG
GDSV	Gauges Downhole Software Version	2.1	
PAC_SAP	Sapphire Gauge Pressure A Coefficient	1.01759	
PA_HYD	Hydrostatic Gauge Pressure A Coefficient	1.00414	
PBC_SAP	Sapphire Gauge Pressure B Coefficient	0.00034451	
PB_HYD	Hydrostatic Gauge Pressure B Coefficient	-0.000694954	
PCT_HYD	Hydrostatic Gauge Pressure Coefficients Read From Data Channels	YES	
PCT_SAP	Sapphire Pressure Coefficients Read From Data Channels	YES	
PDCO_XPT	XPT Probe Depth Correction Offset	0	FT
PGSR	Pressure Gauges Sampling Rate	300	ms
PRSP	Pretest Rate	0.5	C3/S
PTM_XPT	Pretest Type	MANUAL	
PTVO_XPT	Pretest Volume	5	C3
TAC_SAP	Sapphire Gauge Temperature A Coefficient	1.01013	
TA_HYD	Hydrostatic Gauge Temperature A Coefficient	1.0204	
TBC_SAP	Sapphire Gauge Temperature B Coefficient	0.000689265	
TB_HYD	Hydrostatic Gauge Temperature B Coefficient	-0.000455518	
TCT_HYD	Hydrostatic Gauge Temperature Coefficients Read > From Data Channels	YES	
TCT_SAP	Sapphire Temperature Coefficients Read From Data Channels	YES	

Output DLIS Files

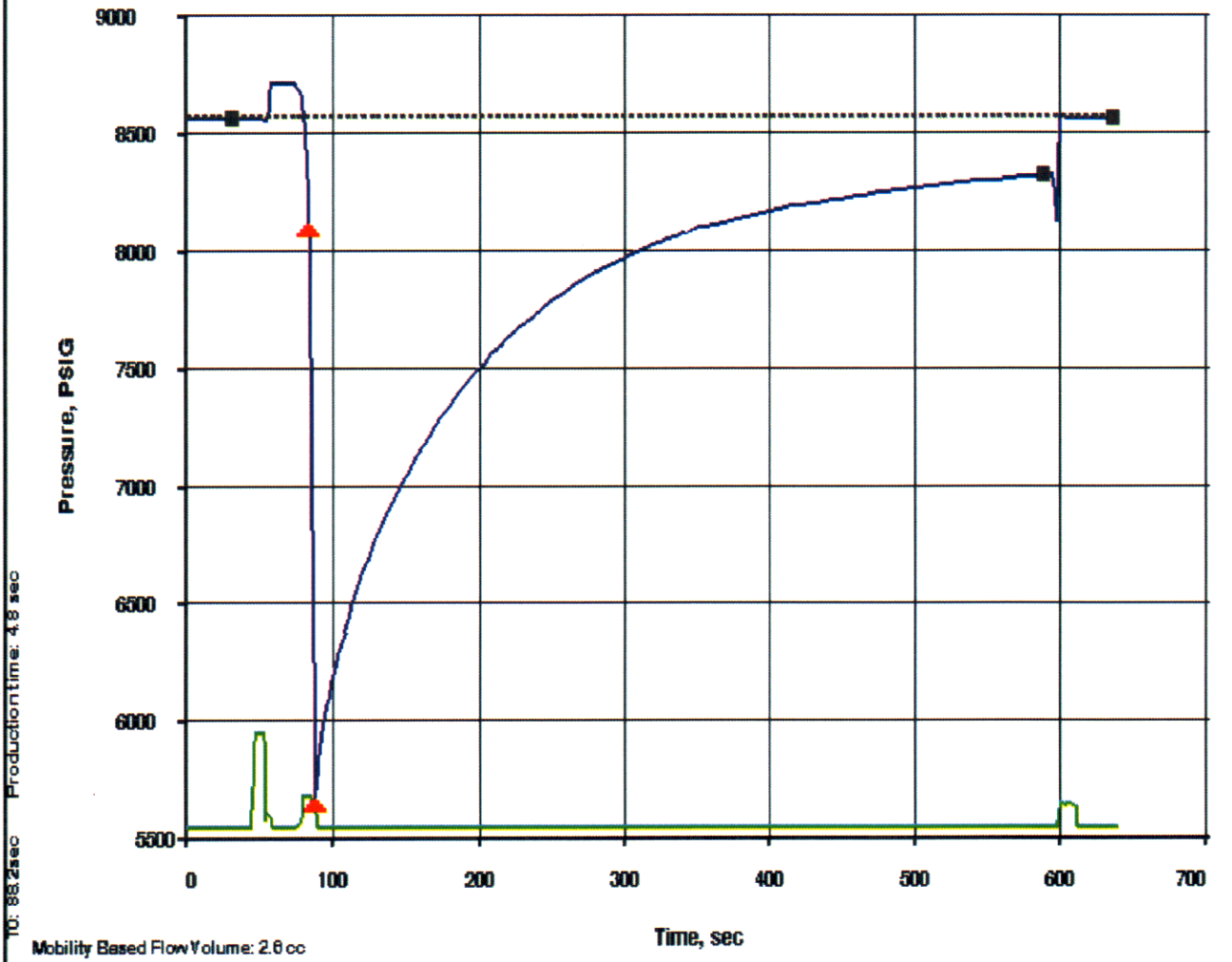
DEFAULT	UBI_IS_XPT_185LTP	FN:307	PRODUCER	25-Jan-2011 05:57
RTBU	UBI_IS_XPT_185LTP	FN:308	PRODUCER	25-Jan-2011 05:57

21-Jan-2011 OXY US LA BASIN

Dominguez

DOM-001

Mud Pressure before test, PSIG:	8569.62
Mud Pressure after test, PSIG:	8570.58
Last build-up pressure, PSIG:	8329.65
Draw-down mobility, md/cp:	0.02



Mobility Based Flow Volume: 2.6 cc

Total Pretest Volume: 5.0 cc - XPT-BA CP_SAP Resolution: 0.010psi

Schlumberger

CORRELATION

MAXIS Field Log

Company: OXY US LA BASIN Well: DOM-001

Input DLIS Files

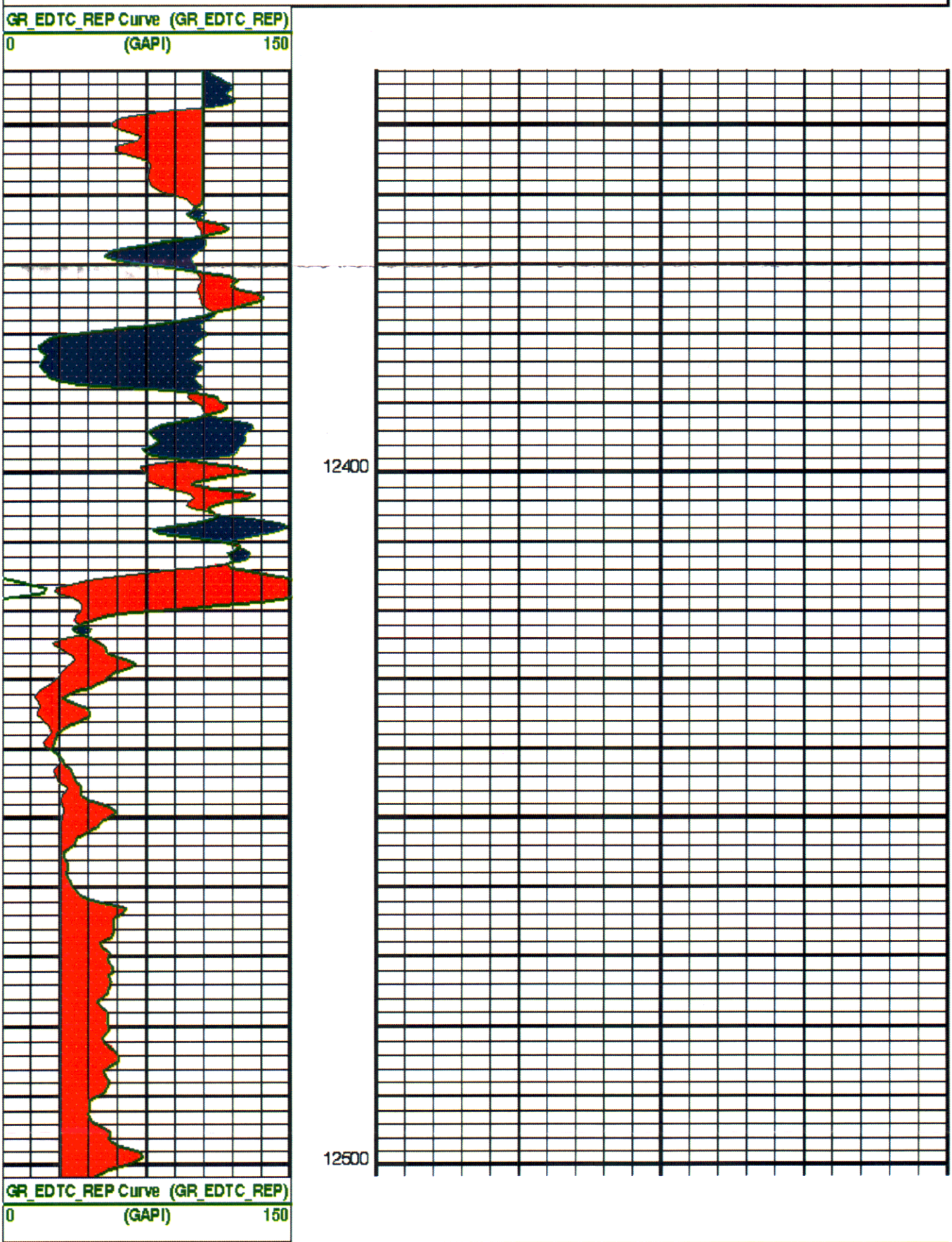
DEFAULT	AIT_TLD_MCFL_CNL_111PUP	FN:199	PRODUCER	24-Jan-2011 14:49	12915.0 FT	10797.5 FT

Output DLIS Files

DEFAULT	UBI_IS_XPT_173LUP	FN:283	PRODUCER	25-Jan-2011 03:44	12501.5 FT	12342.0 FT
RTBU	UBI_IS_XPT_173LUP	FN:284	PRODUCER	25-Jan-2011 03:44	12501.5 FT	12342.0 FT

OP System Version: 19C0-187

UBI-D	19C0-187	GPIT-F	19C0-187
XPT-BA	19C0-187	EDTC-B	19C0-187



Parameters

DLIS Name	Description	Value
System and Miscellaneous		
DORL	Depth Offset for Repeat Analysis	0.0 FT

Format: CORRELATION_EDTCB_REP Vertical Scale: 5" per 100' Graphics File Created: 25-Jan-2011 03:44

OP System Version: 19C0-187

UBI-D	19C0-187	GPIT-F	19C0-187
XPT-BA	19C0-187	EDTC-B	19C0-187

Input DLIS Files

DEFAULT	AIT_TLD_MCFL_CNL_111PUP	FN:199	PRODUCER	24-Jan-2011 14:49	12915.0 FT	10797.5 FT

Output DLIS Files

DEFAULT	UBI_IS_XPT_173LUP	FN:283	PRODUCER	25-Jan-2011 03:44
RTBU	UBI_IS_XPT_173LUP	FN:284	PRODUCER	25-Jan-2011 03:44

Schlumberger

GAUGE REPORT

MAXIS Field Log

Client:		Tool:	XPT
Field:		Sub Type:	----
Well:		Sensor:	Sapphire
Run date:			

XPT Sapphire Gauge 20kPsi

Information	COEFFICIENTS FOR GAUGE XPT-160degC.4770 FORMATION:
Sensor Serial NB	4770
Calib Date ddmmyy	140110
Matrix Size	66
Coefficients Checksum	OK

Pres Coeff

	Temp**0	Temp**1	Temp**2
Pres**0	-.917429661145E+03	+.695582916128E+04	-.190398477987E+05
Pres**1	+.954730603503E+04	+.302261819538E+05	-.605035301444E+04
Pres**2	-.382137278673E+03	+.312602700823E+04	-.529428283687E+04
Pres**3	-.717175029729E+03	+.973745483713E+03	+.183681320841E+04
Pres**4	+.369242034772E+03	-.191496375389E+04	0.0
Pres**5	+.419364361128E+03	0.0	0.0

	Temp**3	Temp**4	Temp**5
Pres**0	+.171867508845E+05	-.568599160705E+04	0.0
Pres**1	+.285774807026E+04	-.971897082696E+03	0.0
Pres**2	+.730501925038E+03	0.0	0.0
Pres**3	0.0	0.0	0.0
Pres**4	0.0	0.0	0.0

Pres**5	0.0	0.0	0.0

XPT Sapphire Gauge 20kPsi

Information	:
Sensor Serial NB	4770
Calib Date ddmmyy	140110
Matrix Size	66
Coefficients Checksum	OK

Temp Coeff

	Pres**0	Pres**1	Pres**2
Temp**0	-.244430789977E+03	+.485360643994E+01	+.379248581438E+01
Temp**1	+.409640524301E+03	-.194356501199E+02	-.165128707242E+01
Temp**2	+.429266896018E+02	+.277878810015E+02	-.486295799132E+01
Temp**3	+.924666555411E+01	-.102938607195E+02	0.0
Temp**4	0.0	0.0	0.0
Temp**5	0.0	0.0	0.0

	Pres**3	Pres**4	Pres**5
Temp**0	-.155011981877E+02	+.112484300398E+02	0.0
Temp**1	+.212999070694E+02	-.154880985396E+02	0.0
Temp**2	0.0	0.0	0.0
Temp**3	0.0	0.0	0.0
Temp**4	0.0	0.0	0.0
Temp**5	0.0	0.0	0.0

XPT Sapphire Gauge 20kPsi

Information	:
Sensor Serial NB	152_0513
Calib Date ddmmyy	040805
Matrix Size	16
Coefficients Checksum	OK

Board Temp Coeff

Temp**0	Temp**1	Temp**2
-.247508000000E+03	+.419690000000E+03	+.276870000000E+02

Temp**3	Temp**4	Temp**5
+.258090000000E+02	-.134220000000E+02	+.425600000000E+01

Client:		Tool:	XPT
Field:		Sub Type:	----
Well:		Sensor:	Hydrostatic
Run date:			

XPT Hydrostatic Sapphire Gauge 20kPsi

Information	COEFFICIENTS FOR GAUGE XPT-160degC.5202 HYDROSTATIC:
Sensor Serial NB	5202
Calib Date ddmmyy	140110
Matrix Size	66
Coefficients Checksum	OK

Pres Coeff

	Temp**0	Temp**1	Temp**2
Pres**0	-.208042602306E+04	+.683846876795E+04	-.137340296053E+05
Pres**1	+.153515022515E+05	+.543285998924E+05	-.200956972049E+05
Pres**2	+.614762147812E+03	+.326123047428E+04	-.929229084168E+04
Pres**3	-.445147827118E+04	+.104200678475E+05	+.714400338793E+04
Pres**4	+.838143810691E+03	-.183228152409E+05	0.0
Pres**5	+.869237605855E+04	0.0	0.0

	Temp**3	Temp**4	Temp**5
Pres**0	+.118533755702E+05	-.394442176235E+04	0.0
Pres**1	+.134438703710E+05	-.436057216235E+04	0.0
Pres**2	-.235377023223E+02	0.0	0.0
Pres**3	0.0	0.0	0.0
Pres**4	0.0	0.0	0.0
Pres**5	0.0	0.0	0.0

XPT Hydrostatic Sapphire Gauge 20kPsi

Information	:
Sensor Serial NB	5202
Calib Date ddmmyy	140110
Matrix Size	66
Coefficients Checksum	OK

Temp Coeff

	Pres**0	Pres**1	Pres**2
Temp**0	-.245086222524E+03	+.643544619280E+01	+.106534747806E+02
Temp**1	+.412206869056E+03	-.256692231535E+02	-.553364436379E+01
Temp**2	+.387142135901E+02	+.376130510490E+02	-.120523858745E+02
Temp**3	+.101585829270E+02	-.135303686559E+02	0.0
Temp**4	0.0	0.0	0.0
Temp**5	0.0	0.0	0.0

	Pres**3	Pres**4	Pres**5
Temp**0	-.688248200206E+02	+.829185409179E+02	0.0
Temp**1	+.939984897681E+02	-.113833611965E+03	0.0
Temp**2	0.0	0.0	0.0
Temp**3	0.0	0.0	0.0
Temp**4	0.0	0.0	0.0
Temp**5	0.0	0.0	0.0

XPT Hydrostatic Sapphire Gauge 20kPsi

Information	:
Sensor Serial NB	182_0516
Calib Date ddmmyy	040805
Matrix Size	16
Coefficients Checksum	OK

Board Temp Coeff

Temp**0	Temp**1	Temp**2
-.247508000000E+03	+.419690000000E+03	+.276870000000E+02

Temp**3	Temp**4	Temp**5
+.258090000000E+02	-.134220000000E+02	+.425600000000E+01

Well:	DOM-001
Field:	Dominguez
County:	Los Angeles
State:	California

EXPRESS PRESSURE TESTER
GAMMA RAY TIE IN