

**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 38522

DST#: 1

ATTN: Bruce Meyer

Test Start: 2010.09.17 @ 07:02:06

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.18 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	WCOM 2%O38%W60%M	0.148
60.00	MW with a scum of oil 25%M75%W	0.295

Total Length: 90.00 ft Total Volume: 0.443 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

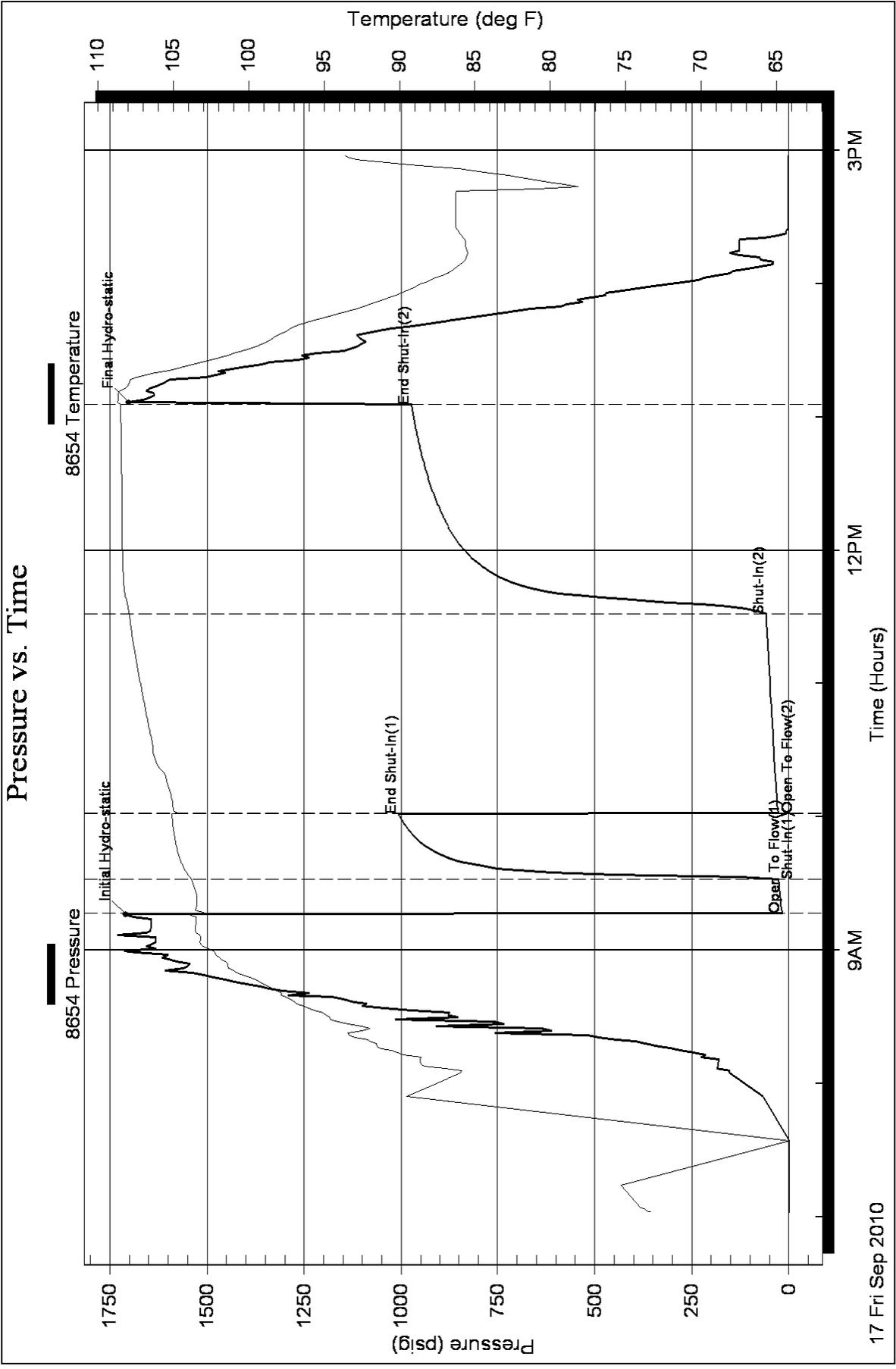
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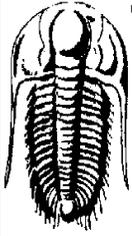
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Berexco, LLC

Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 38523

DST#: 2

ATTN: Bruce Meyer

Test Start: 2010.09.18 @ 04:22:21

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Free oil	0.152
186.00	MW w hith a scum of oil 40%M60%W	0.915
62.00	VSOCMW 10%M2%O88%W	0.305
372.00	MW w ith oil spots 5%M95%W	3.540
0.00	155 GIP	0.000

Total Length: 651.00 ft

Total Volume: 4.912 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

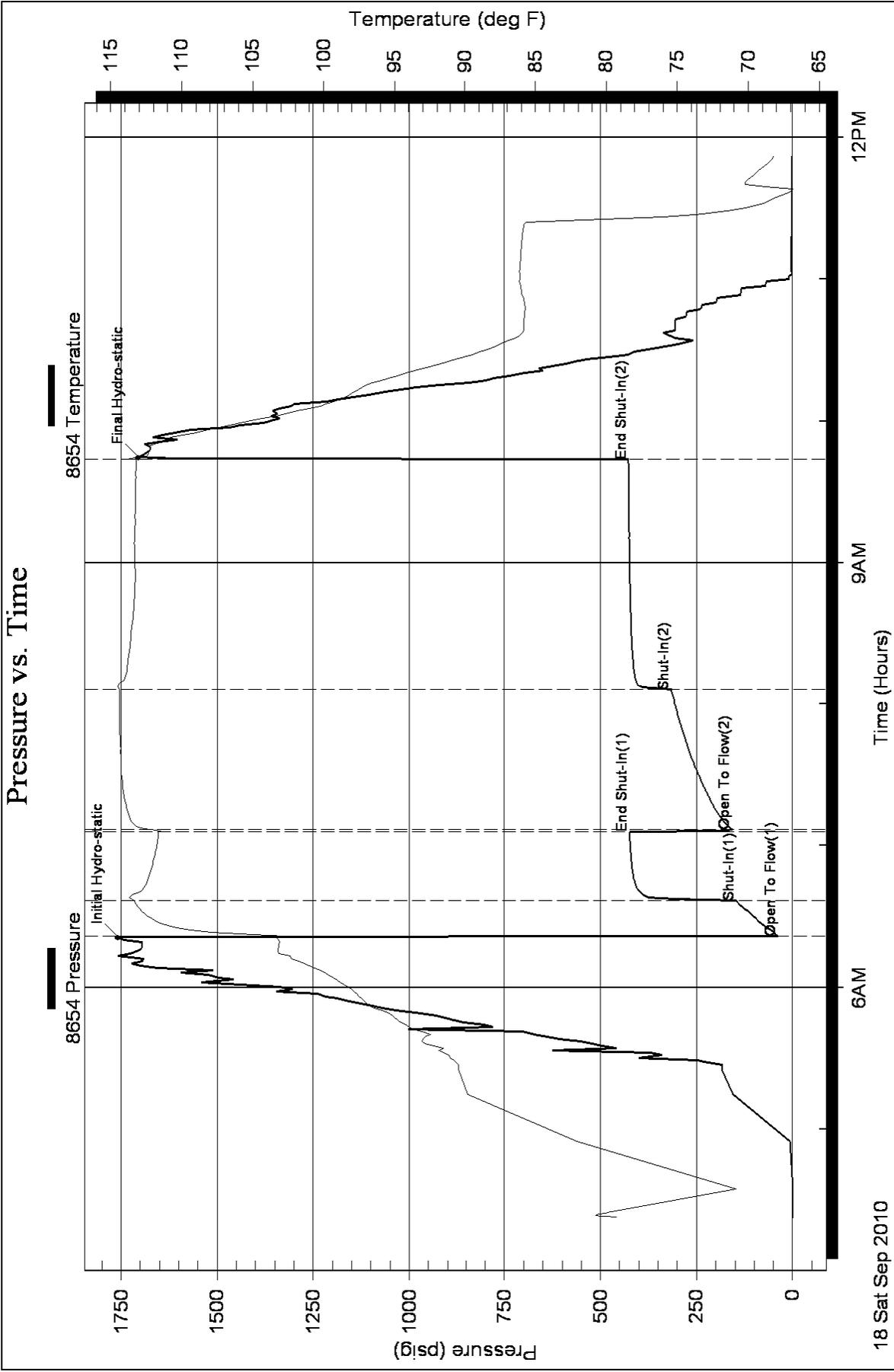
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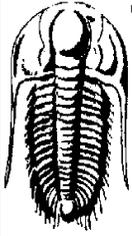
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Berexco, LLC

Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 38524

DST#: 3

ATTN: Bruce Meyer

Test Start: 2010.09.18 @ 20:07:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

85000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
180.00	MW w hit a scum of oil 15%M85%W	0.885
120.00	OCWM 10%O1%W80%M	0.590
40.00	OCM20%O80%M	0.197
27.00	Free Oil	0.162
0.00	105 GIP	0.000

Total Length: 367.00 ft

Total Volume: 1.834 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

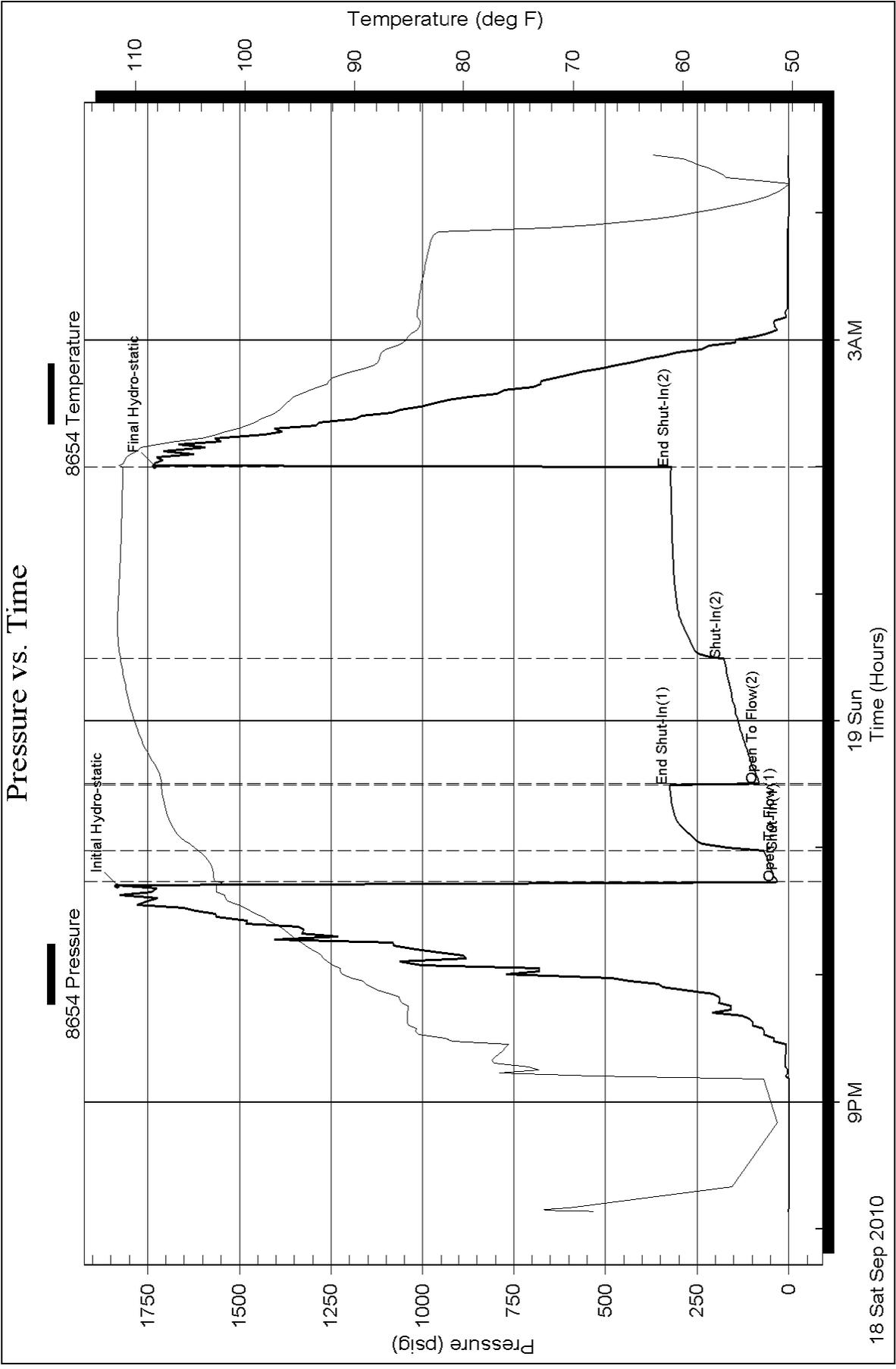
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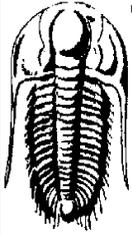
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Berexco, LLC
 Po Box 20380
 Wichita Ks 67208
 ATTN: Bruce Meyer

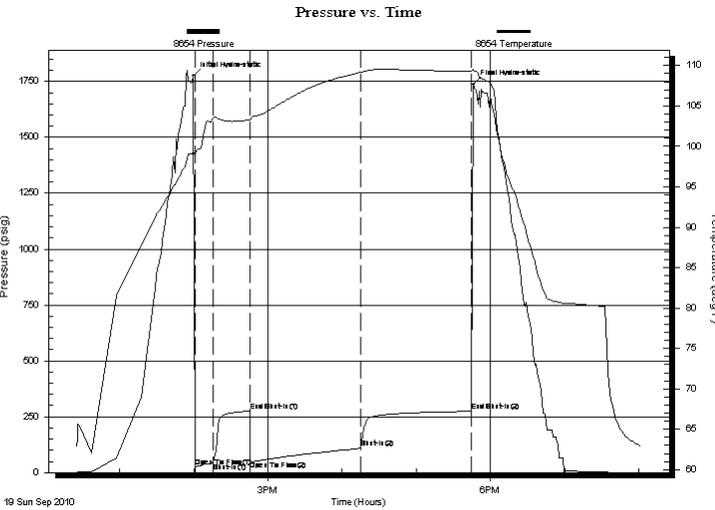
Advent #1
13-11s-23w
 Job Ticket: 38525 **DST#: 4**
 Test Start: 2010.09.19 @ 12:25:22

GENERAL INFORMATION:

Formation: **LKC-"E-F"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 14:00:52
 Time Test Ended: 20:02:22
 Interval: **3604.00 ft (KB) To 3640.00 ft (KB) (TVD)**
 Total Depth: 3640.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jeff Brown
 Unit No: 28
 Reference Elevations: 2290.00 ft (KB)
 2279.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8654 Inside
 Press @ Run Depth: 108.71 psig @ 3609.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.09.19 End Date: 2010.09.19 Last Calib.: 2010.09.19
 Start Time: 12:25:23 End Time: 20:02:22 Time On Btm: 2010.09.19 @ 13:59:52
 Time Off Btm: 2010.09.19 @ 17:46:22

TEST COMMENT: IFP-Fair blow built to 5 in
 ISI-Dead no blow back
 FFP-Strong blow BOB in 71 min
 FSI-Dead no blow back



PRESSURE SUMMARY

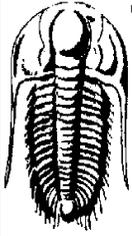
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1774.61	99.35	Initial Hydro-static
1	24.38	98.97	Open To Flow (1)
16	43.19	103.57	Shut-In(1)
46	275.77	103.29	End Shut-In(1)
46	51.35	103.20	Open To Flow (2)
135	108.71	109.17	Shut-In(2)
225	274.37	109.32	End Shut-In(2)
227	1737.21	109.42	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	Free oil	0.01
5.00	SOCWM 5%O25%W70%M	0.02
124.00	V SOCWM 2%o 43%W55%M	0.61
62.00	MW 10%M90%W	0.30

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 38525

DST#: 4

ATTN: Bruce Meyer

Test Start: 2010.09.19 @ 12:25:22

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

40 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

75000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2.00	Free oil	0.010
5.00	SOCWM 5%O25%W70%M	0.025
124.00	V SOCWM 2%o 43%W55%M	0.610
62.00	MW 10%M90%W	0.305

Total Length: 193.00 ft

Total Volume: 0.950 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

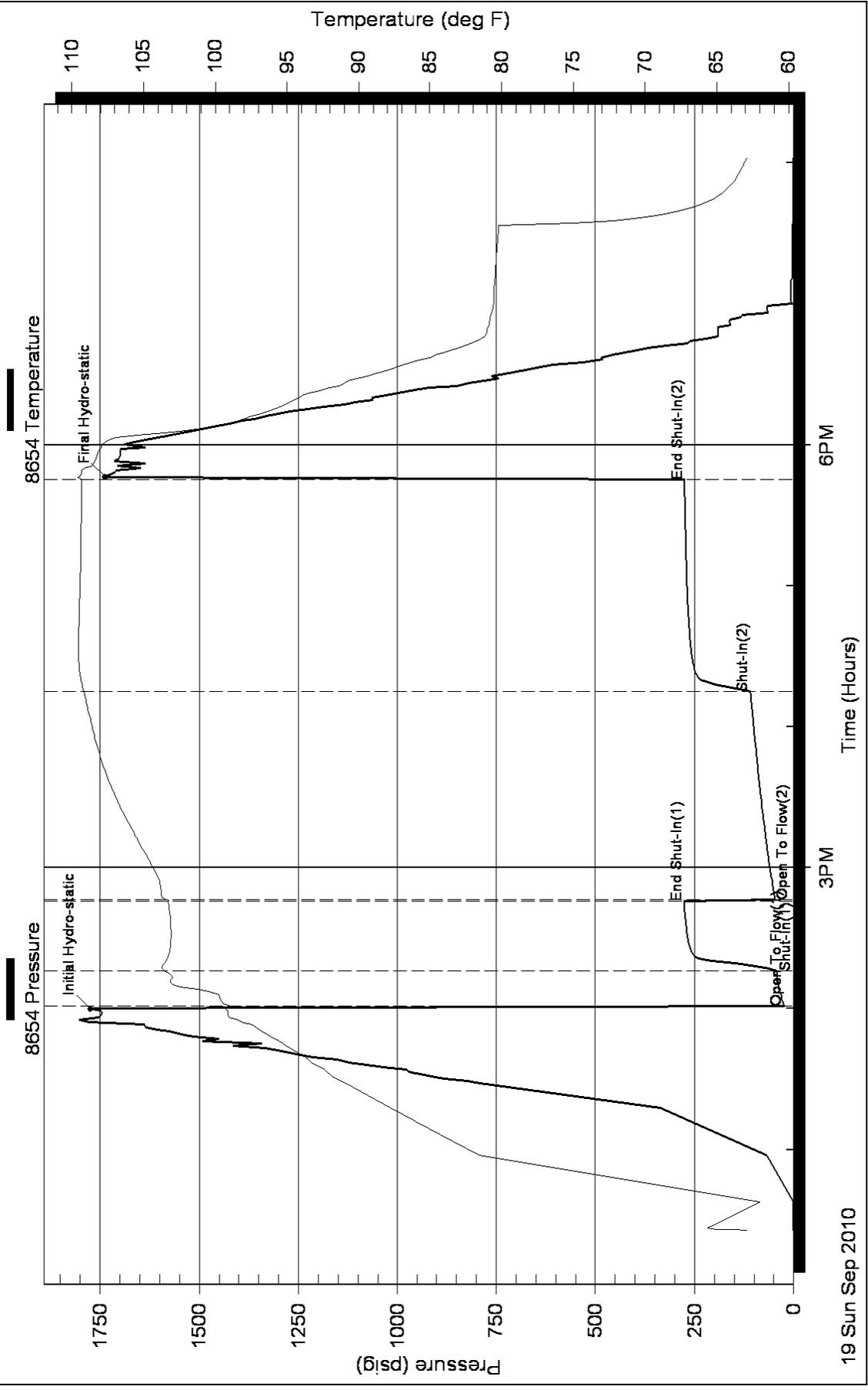
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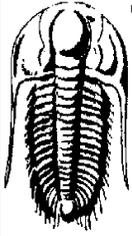
Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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DRILL STEM TEST REPORT

Berexco, LLC
 Po Box 20380
 Wichita Ks 67208
 ATTN: Bruce Meyer

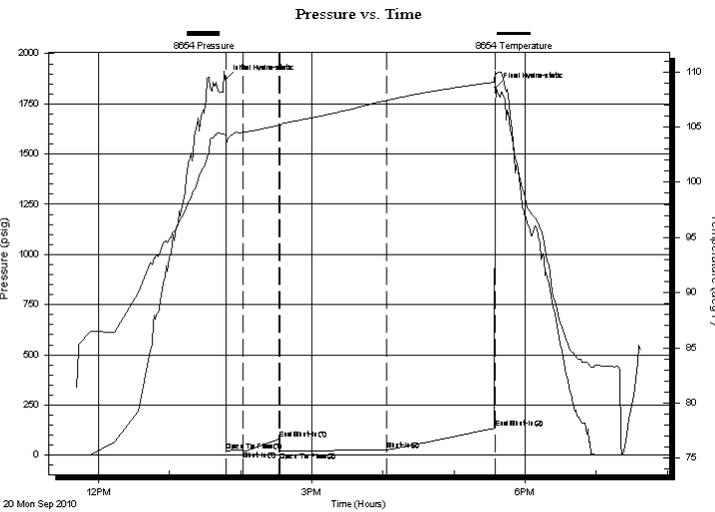
Advent #1
13-11s-23w
 Job Ticket: 040151 **DST#: 5**
 Test Start: 2010.09.20 @ 11:41:24

GENERAL INFORMATION:

Formation: **LKC-"K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:47:54
 Time Test Ended: 19:37:54
 Interval: **3728.00 ft (KB) To 3750.00 ft (KB) (TVD)**
 Total Depth: 3750.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole
 Tester: Jeff Brown
 Unit No: 28
 Reference Elevations: 2290.00 ft (KB)
 2279.00 ft (CF)
 KB to GR/CF: 11.00 ft

Serial #: 8654 Inside
 Press @ Run Depth: 27.63 psig @ 3731.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2010.09.20 End Date: 2010.09.20 Last Calib.: 2010.09.20
 Start Time: 11:41:25 End Time: 19:37:54 Time On Btm: 2010.09.20 @ 13:47:24
 Time Off Btm: 2010.09.20 @ 17:35:24

TEST COMMENT: IFP-Weak blow built to 1/4 in
 ISI-Dead no blow back
 FFP-Weak blow built to 4 in
 FSI-Dead no blow back



PRESSURE SUMMARY

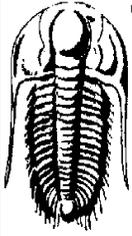
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.46	104.35	Initial Hydro-static
1	20.68	103.46	Open To Flow (1)
15	21.45	104.53	Shut-In(1)
45	80.47	105.17	End Shut-In(1)
46	18.86	105.20	Open To Flow (2)
136	27.63	107.40	Shut-In(2)
227	134.88	109.07	End Shut-In(2)
228	1831.88	109.75	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
20.00	Mud w hit a scum of oil	0.10

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 040151

DST#: 5

ATTN: Bruce Meyer

Test Start: 2010.09.20 @ 11:41:24

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 64.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	Mud w hit a scum of oil	0.098

Total Length: 20.00 ft Total Volume: 0.098 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

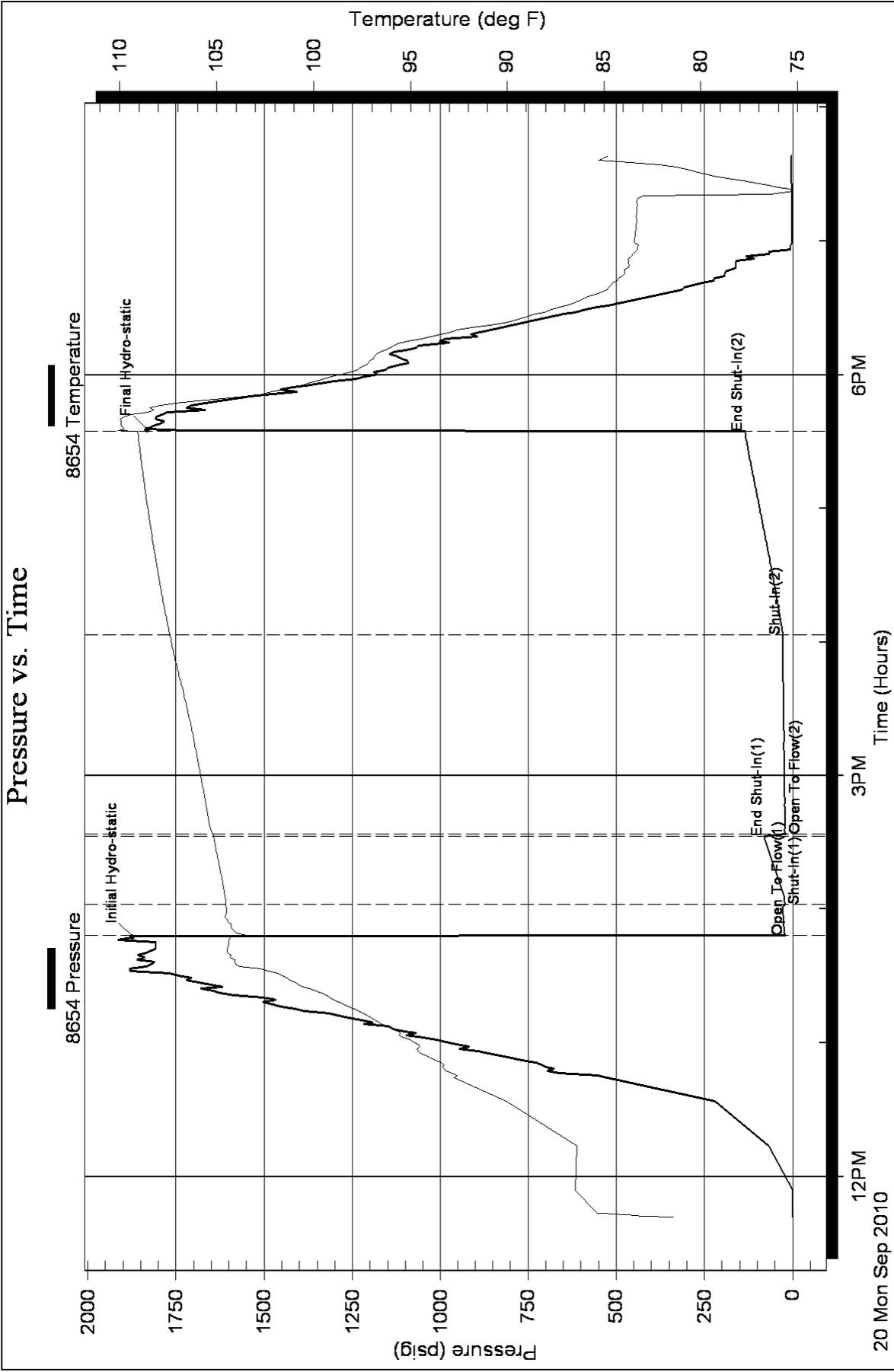
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Berexco, LLC

Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 040152

DST#: 6

ATTN: Bruce Meyer

Test Start: 2010.09.21 @ 13:19:48

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	Free Oil	0.369
60.00	MCO40%M60%O	0.295
0.00	135 GIP	0.000

Total Length: 135.00 ft

Total Volume: 0.664 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

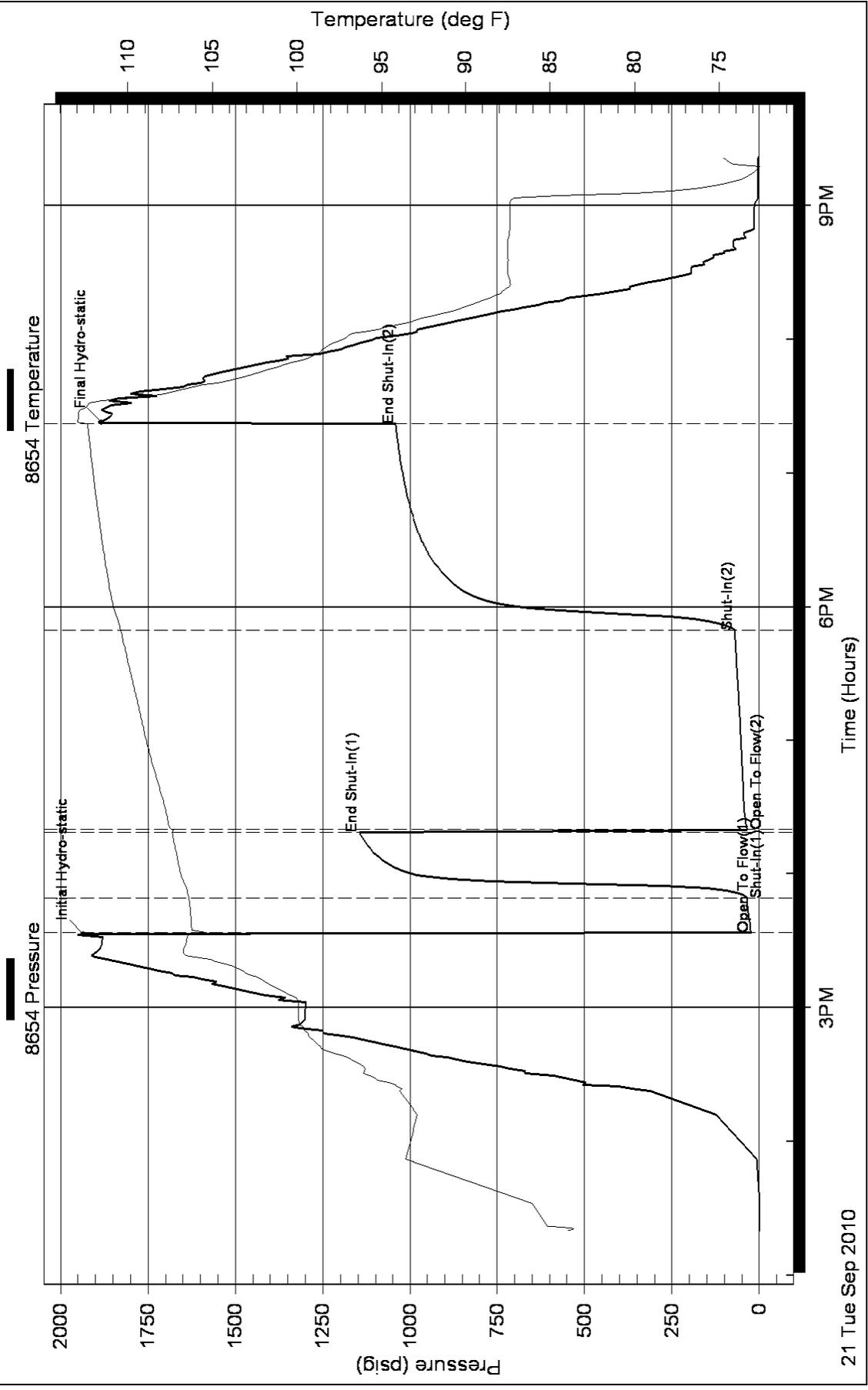
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time





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Berexco, LLC
Po Box 20380
Wichita Ks 67208
ATTN: Bruce Meyer

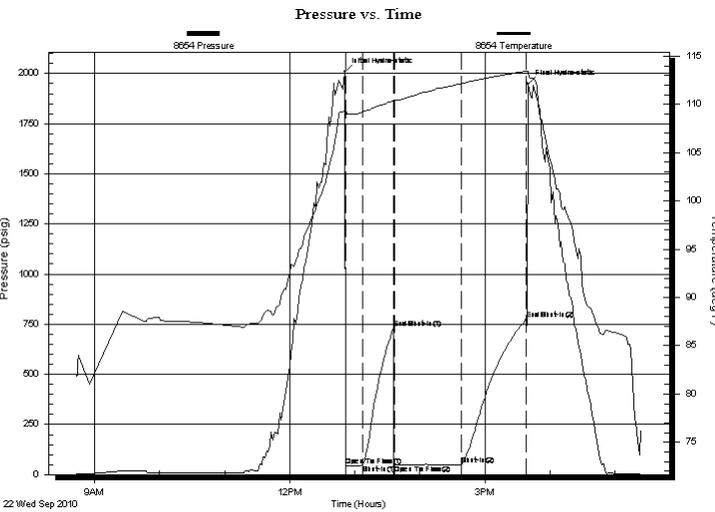
Advent #1
13-11s-23w
Job Ticket: 040153 **DST#: 7**
Test Start: 2010.09.22 @ 08:43:44

GENERAL INFORMATION:

Formation: **Cong**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:51:14
Time Test Ended: 17:24:14
Interval: **3892.00 ft (KB) To 3960.00 ft (KB) (TVD)**
Total Depth: 3960.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole
Tester: Jeff Brown
Unit No: 28
Reference Elevations: 2290.00 ft (KB)
2279.00 ft (CF)
KB to GR/CF: 11.00 ft

Serial #: 8654 Inside
Press @ Run Depth: 49.59 psig @ 3926.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2010.09.22 End Date: 2010.09.22 Last Calib.: 2010.09.22
Start Time: 08:43:45 End Time: 17:24:14 Time On Btm: 2010.09.22 @ 12:50:44
Time Off Btm: 2010.09.22 @ 15:39:14

TEST COMMENT: IFP-Weak blow built to 1/4 in
ISI-Dead no blow back
FFP-Dead no blow
FSI-Dead no blow back



PRESSURE SUMMARY

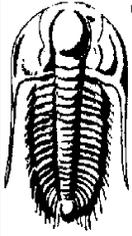
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.23	109.34	Initial Hydro-static
1	43.16	108.58	Open To Flow (1)
17	47.31	109.20	Shut-In(1)
45	729.56	110.36	End Shut-In(1)
46	47.12	110.09	Open To Flow (2)
107	49.59	112.16	Shut-In(2)
168	776.94	113.45	End Shut-In(2)
169	1948.02	113.40	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	MUD w ith oil spots	0.02

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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Advent #1

Po Box 20380
Wichita Ks 67208

13-11s-23w

Job Ticket: 040153

DST#: 7

ATTN: Bruce Meyer

Test Start: 2010.09.22 @ 08:43:44

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	MUD with oil spots	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time

