

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

McElvain, Oil&Gas Properties, Inc
 Denver CO 80265
 1050 17th St STE 1800
 ATTN: Mark Dow ning

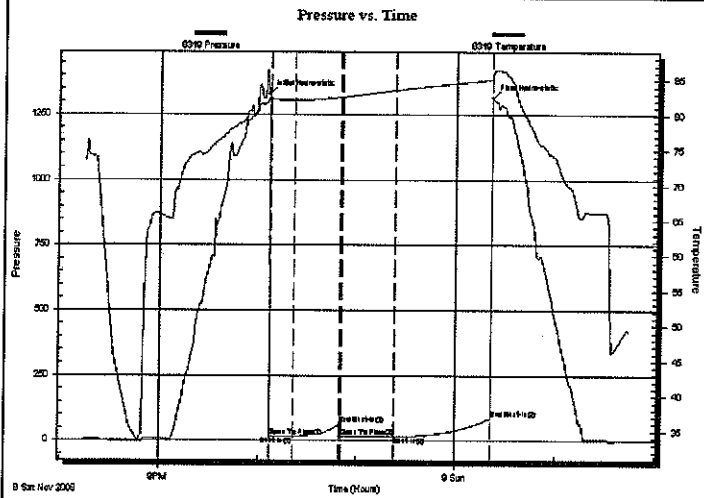
Duncan #1-32
32Twp.6sRge.17w
 Job Ticket: 33057 **DST#: 1**
 Test Start: 2008.11.08 @ 20:15:00

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:07:00
 Time Test Ended: 01:44:30
 Interval: **2809.00 ft (KB) To 2839.00 ft (KB) (TVD)**
 Total Depth: 2839.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole
 Tester: Brett Dickinson
 Unit No: #31
 Reference Elevations: 1895.00 ft (KB)
 1890.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8319 Inside
 Press@RunDepth: 15.29 psig @ 2836.00 ft (KB)
 Start Date: 2008.11.08 End Date: 2008.11.09
 Start Time: 20:15:05 End Time: 01:44:29
 Capacity: 7000.00 psig
 Last Calib.: 2008.11.09
 Time On Btm: 2008.11.08 @ 22:05:30
 Time Off Btm: 2008.11.09 @ 00:21:30

TEST COMMENT: IF-1/8in blow died back to a very weak surface blow
 IS- No blow
 FF-Very weak surface blow died in 2min
 FSI- No blow

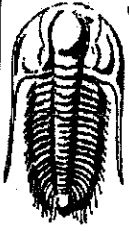


Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1328.20	82.47	Initial Hydro-static
2	14.65	82.21	Open To Flow (1)
16	14.49	82.13	Shut-In(1)
44	63.11	82.57	End Shut-In(1)
45	15.24	82.58	Open To Flow (2)
78	15.29	83.54	Shut-In(2)
136	85.42	85.07	End Shut-In(2)
136	1313.55	85.72	Final Hydro-static

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Length (ft)	Description	Volume (bbl)
5.00	Oils cum Mud	0.02

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



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FLUID SUMMARY

McElvain, Oil&Gas Properties, Inc

Duncan #1-32

Denver CO 80265
1050 17th St STE 1800

32Twp.6sRge.17w

Job Ticket: 33057

DST#: 1

ATTN: Mark Dow ning

Test Start: 2008.11.08 @ 20:15:00

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	Oilscum Mud	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:

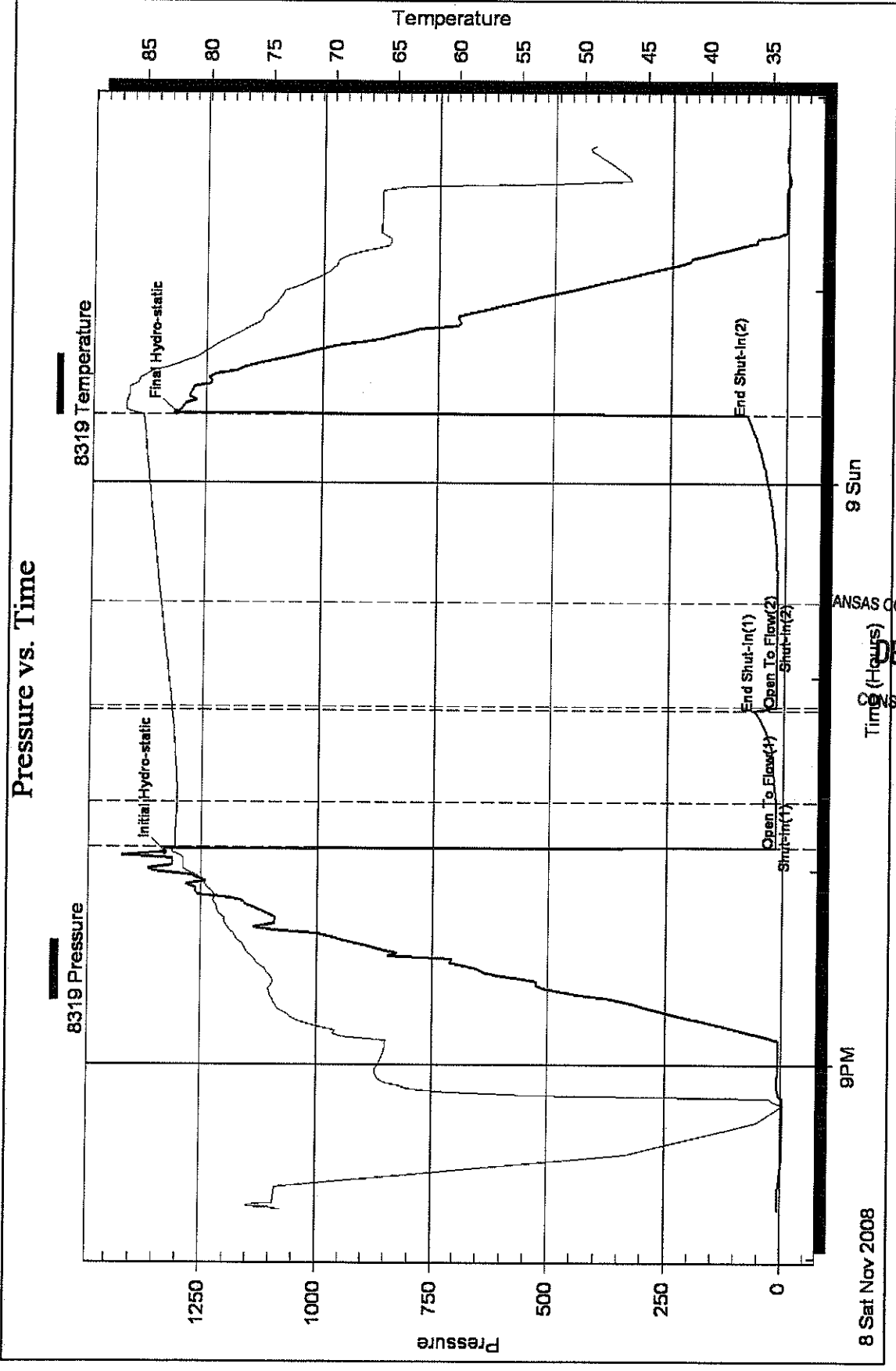
Recovery Comments:

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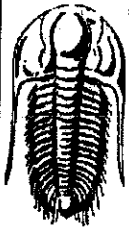
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Pressure vs. Time



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McElvain, Oil&Gas Properties, Inc

Duncan #1-32

Denver CO 80265
1050 17th St STE 1800

32Twp.6sRge.17w

Job Ticket: 33058 DST#: 2

ATTN: Mark Downing

Test Start: 2008.11.09 @ 12:16:37

GENERAL INFORMATION:

Formation: **Plattsmouth**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:51:07

Time Test Ended: 18:14:07

Test Type: Conventional Bottom Hole

Tester: Brett Dickinson

Unit No: #31

Interval: **2958.00 ft (KB) To 2990.00 ft (KB) (TVD)**

Reference Elevations: 1895.00 ft (KB)

Total Depth: 2839.00 ft (KB) (TVD)

1890.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 5.00 ft

Serial #: 8369

Inside

Press@RunDepth: 28.31 psig @ 2987.00 ft (KB)

Capacity: 7000.00 psig

Start Date: 2008.11.09

End Date:

2008.11.09

Last Calib.: 2008.11.09

Start Time: 12:16:42

End Time:

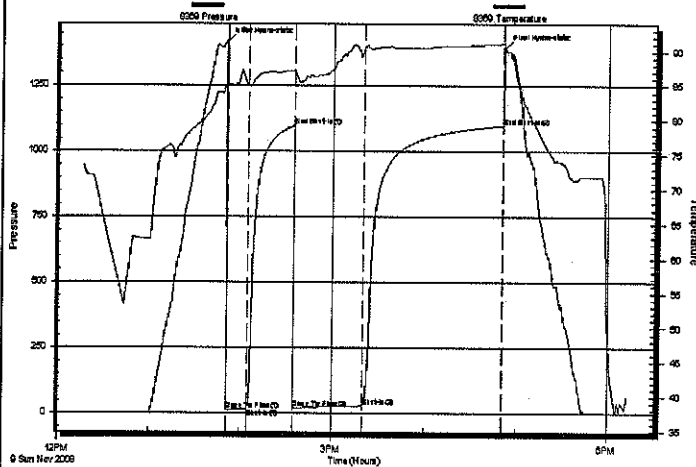
18:14:06

Time On Btm: 2008.11.09 @ 13:50:37

Time Off Btm: 2008.11.09 @ 16:51:36

TEST COMMENT: IF- Very weak surface blow built to 1/4in
IS- No blow
FF-very weak surface blow blew throughout
FSI- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1416.31	85.52	Initial Hydro-static
1	11.90	85.20	Open To Flow (1)
15	17.00	85.02	Shut-In(1)
44	1095.11	87.20	End Shut-In(1)
45	18.28	86.90	Open To Flow (2)
90	28.31	90.54	Shut-In(2)
180	1097.57	91.17	End Shut-In(2)
181	1393.81	90.56	Final Hydro-static

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Recovery

Length (ft)	Description	Volume (bbl)
35.00	Oil spotted w cm 20%W 80%M	0.22

Gas Rates

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



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FLUID SUMMARY

McElvain, Oil&Gas Properties, Inc
Denver CO 80265
1050 17th St STE 1800
ATTN: Mark Dow ning

Duncan #1-32
32Twp.6sRge.17w
Job Ticket: 33058 **DST#: 2**
Test Start: 2008.11.09 @ 12:16:37

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:	28000 ppm
Viscosity: 52.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.58 in ²	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 700.00 ppm			
Filter Cake: inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
35.00	Oil spotted w cm 20%W 80%M	0.218

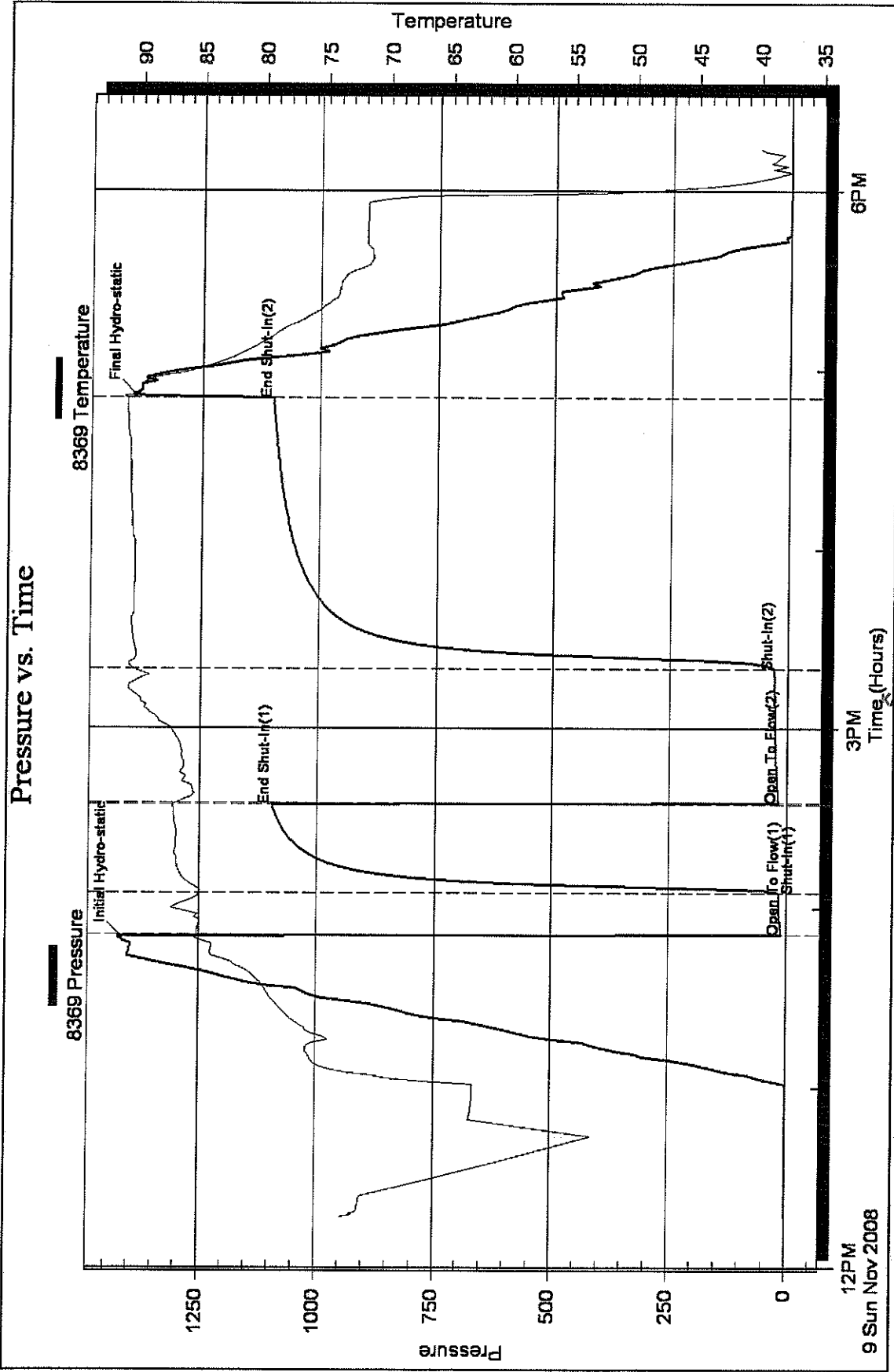
Total Length: 35.00 ft Total Volume: 0.218 bbl
Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

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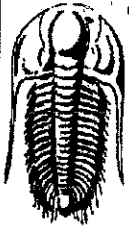
Pressure vs. Time



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Ref. No: 33058

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 Denver CO 80265
 1050 17th St STE 1800
 ATTN: Mark Downing

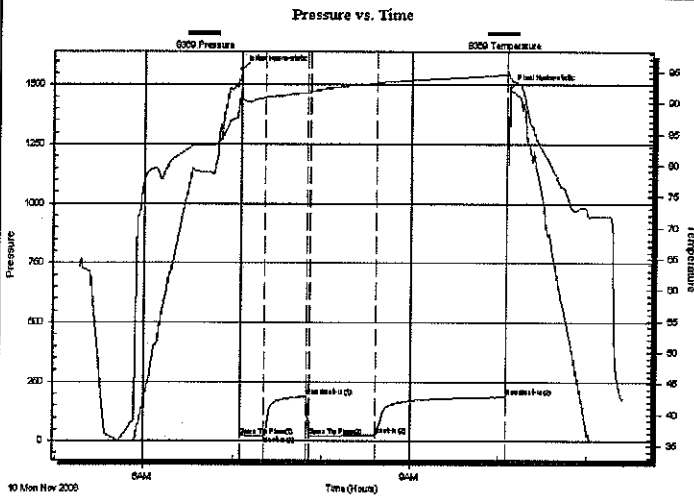
Duncan #1-32
32Twp.6sRge.17w
 Job Ticket: 33059 **DST#: 3**
 Test Start: 2008.11.10 @ 05:16:33

GENERAL INFORMATION:

Formation: **LKC "G"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 07:05:03
 Time Test Ended: 11:25:33
 Interval: **3123.00 ft (KB) To 3140.00 ft (KB) (TVD)**
 Total Depth: 2839.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 5.00 ft
 Test Type: Conventional Bottom Hole
 Tester: Brett Dickinson
 Unit No: #31
 Reference Elevations: 1895.00 ft (KB)
 1890.00 ft (CF)

Serial #: 8369 **Inside**
 Press@RunDepth: 25.42 psig @ 3137.00 ft (KB) Capacity: 7000.00 psig
 Start Date: 2008.11.10 End Date: 2008.11.10 Last Calib.: 2008.11.10
 Start Time: 05:16:38 End Time: 11:25:32 Time On Btm: 2008.11.10 @ 07:04:33
 Time Off Btm: 2008.11.10 @ 10:07:03

TEST COMMENT: IF- Surface blow built to 1in
 IS- No blow
 FF- No blow
 FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1563.13	91.28	Initial Hydro-static
1	20.43	90.91	Open To Flow (1)
17	22.05	90.82	Shut-In (1)
45	187.21	91.68	End Shut-In (1)
47	20.77	91.71	Open To Flow (2)
92	25.42	93.18	Shut-In (2)
180	185.86	94.51	End Shut-In (2)
183	1486.59	94.01	Final Hydro-static

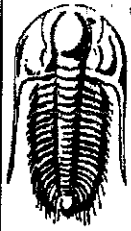
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Recovery

Length (ft)	Description	Volume (bbl)
15.00	Oil spotted WCM 5%W 95%M	0.07

Gas Rates

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



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Job Ticket: 33059

DST#: 3

ATTN: Mark Dow ning

Test Start: 2008.11.10 @ 05:16:33

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: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Oil spotted WCM 5%W 95%M	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial#:

Laboratory Name:

Laboratory Location:

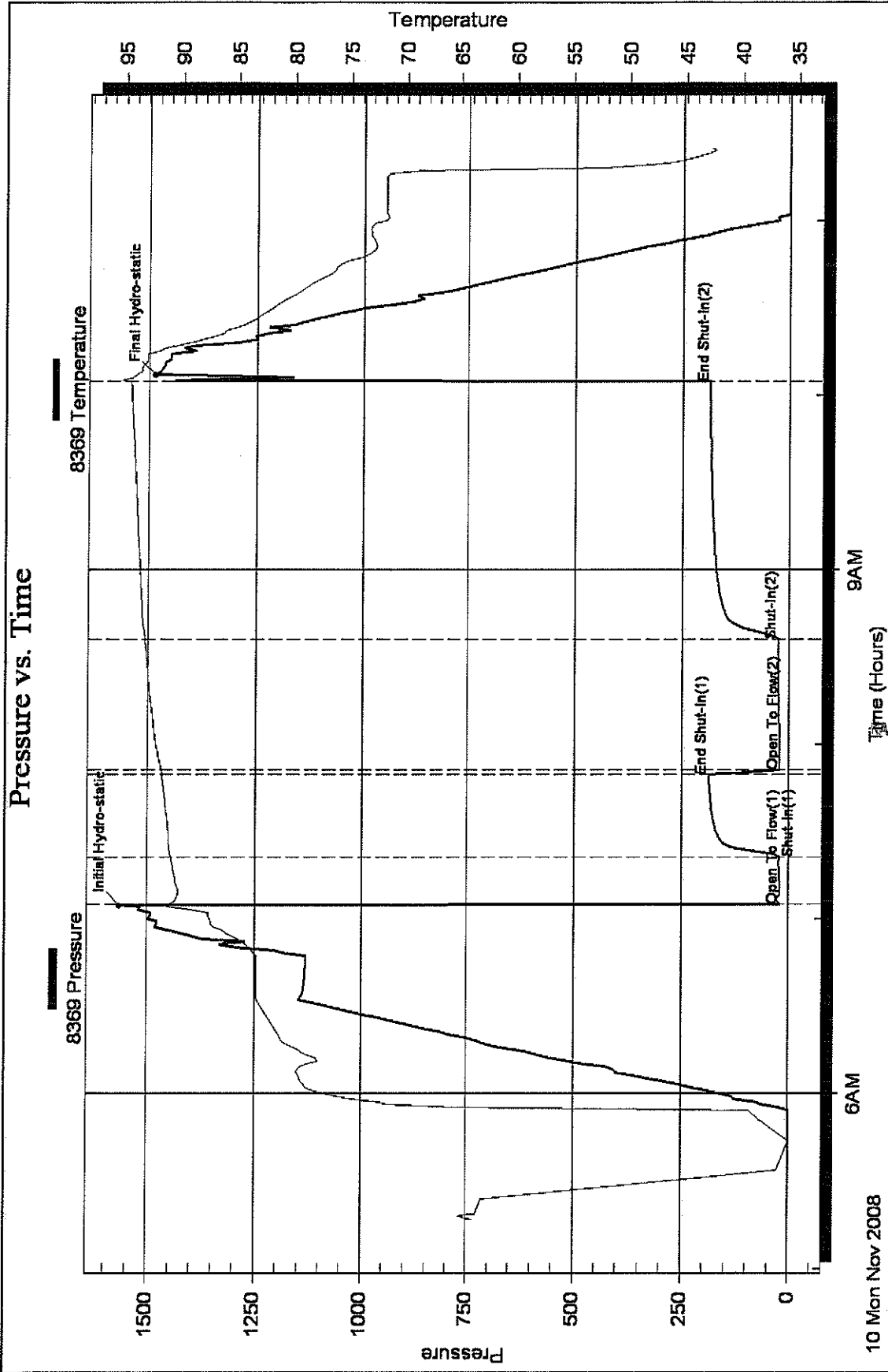
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Pressure vs. Time



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