



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Shelby Resources LLC

18-18s-14w

621 17th STE 1155
Denver Co, 80293+1101

Schneider Unit #1-18

Job Ticket: 61864

DST#: 4

ATTN: Jeremy Schwartz/ Chr

Test Start: 2016.11.24 @ 19:58:00

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:57:00

Time Test Ended: 03:50:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Spencer J. Staab

Unit No: 84

Interval: 3512.00 ft (KB) To 3520.00 ft (KB) (TVD)

Reference Elevations: 1948.00 ft (KB)

Total Depth: 3520.00 ft (KB) (TVD)

1937.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 11.00 ft

Serial #: 8368

Press@RunDepth: 1166.83 psig @ ft (KB)

Capacity: 8000.00 psig

Start Date: 2016.11.24

End Date:

2016.11.25

Last Calib.:

2016.11.25

Start Time: 19:58:15

End Time:

03:50:30

Time On Btm:

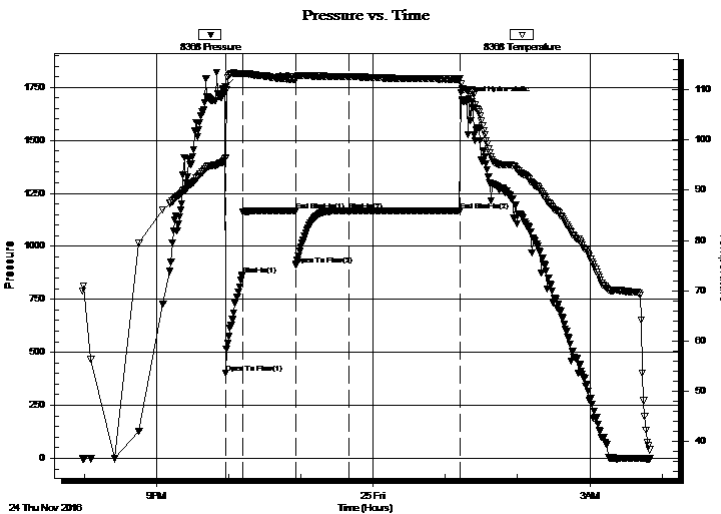
2016.11.24 @ 21:56:45

Time Off Btm:

2016.11.25 @ 01:14:00

TEST COMMENT: 15-IF-BOB in 10-15 seconds;
45-ISI-Very weak surface blow; few bubbles
45-FF-BOB in 20 seconds;
90-FSI-No Blow Back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1751.65	96.24	Initial Hydro-static
1	401.97	96.45	Open To Flow (1)
15	865.02	113.13	Shut-In(1)
59	1166.70	112.00	End Shut-In(1)
59	910.94	111.98	Open To Flow (2)
104	1166.83	112.57	Shut-In(2)
196	1167.29	112.08	End Shut-In(2)
198	1685.99	110.15	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2650.00	Salt Water 100% W	35.20

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Test Start: 2016.11.24 @ 19:58:00

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:

9350 ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 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 bbl
2650.00	Salt Water 100% W	35.196

Total Length: 2650.00 ft Total Volume: 35.196 bbl

Num Fluid Samples: 0

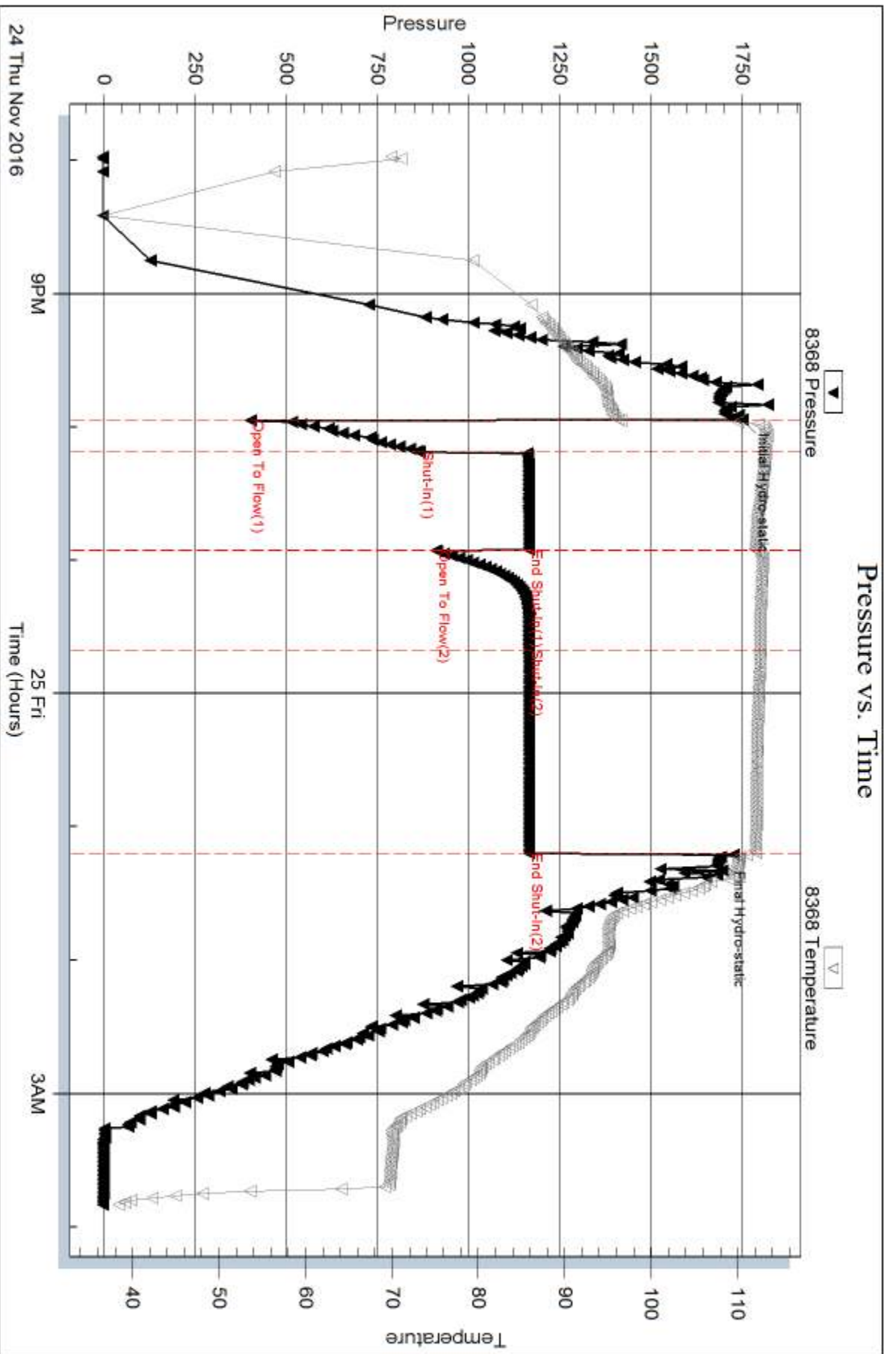
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



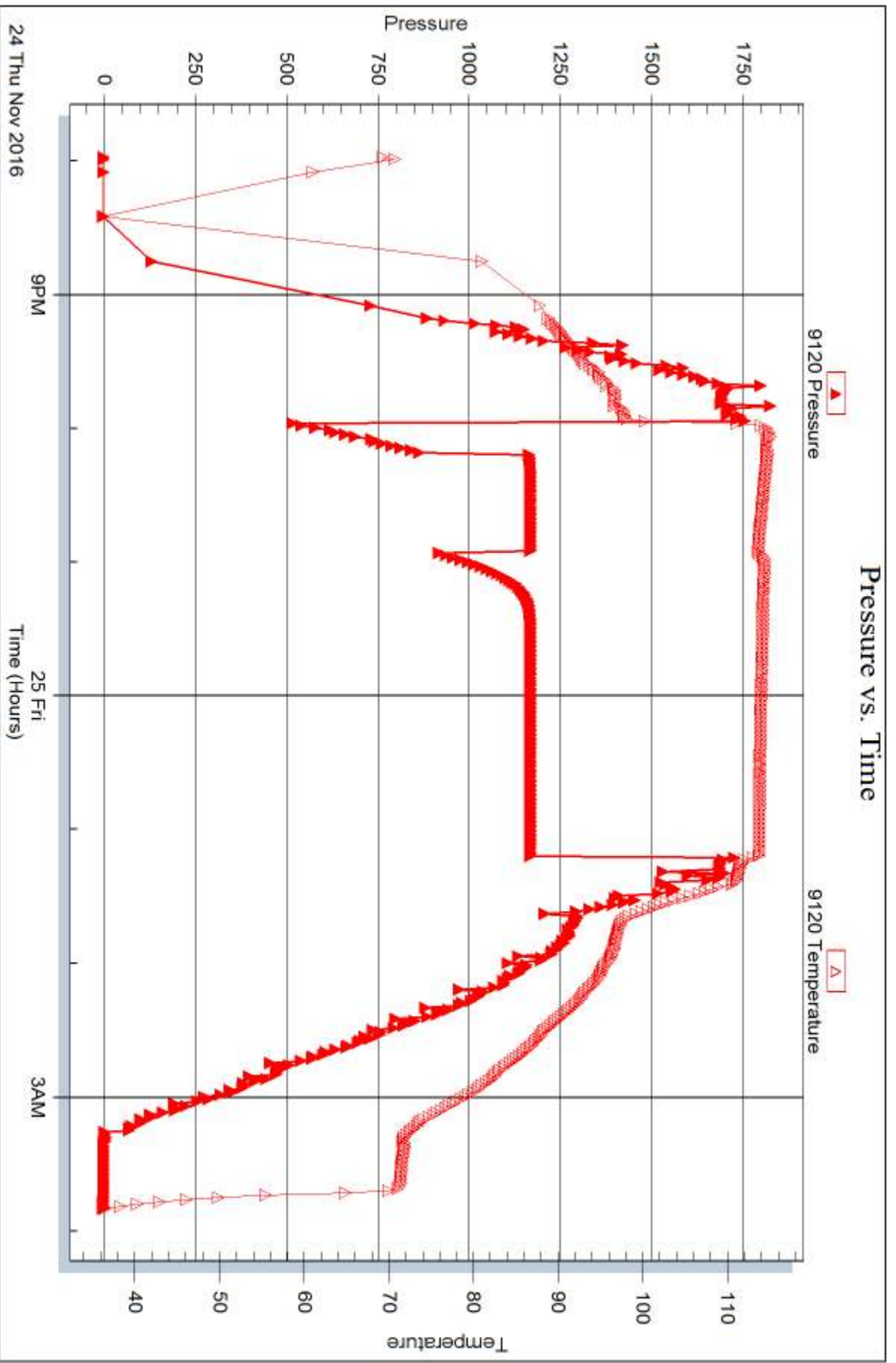
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Inside

Shelby Resources LLC

Schneider Unit #1-18

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 61864

Printed: 2016.11.25 @ 08:10:34