



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Pickrell Drlg.Co.Inc.

**34-27s-5w Kingman Ks.**

100 S.Main, Ste.505  
Wichita Ks.67202

**Young RR#1**

Job Ticket: 59791

**DST#: 1**

ATTN: Arron Young

Test Start: 2015.09.01 @ 18:45:28

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:50:13

Time Test Ended: 03:18:58

Test Type: Conventional Bottom Hole (Initial)

Tester: Gary Pevoteaux

Unit No: 80

**Interval: 3754.00 ft (KB) To 3800.00 ft (KB) (TVD)**

Reference Elevations: 1443.00 ft (KB)

Total Depth: 3800.00 ft (KB) (TVD)

1433.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6798 Inside**

Press @RunDepth: 133.50 psig @ 3755.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.09.01 End Date: 2015.09.02

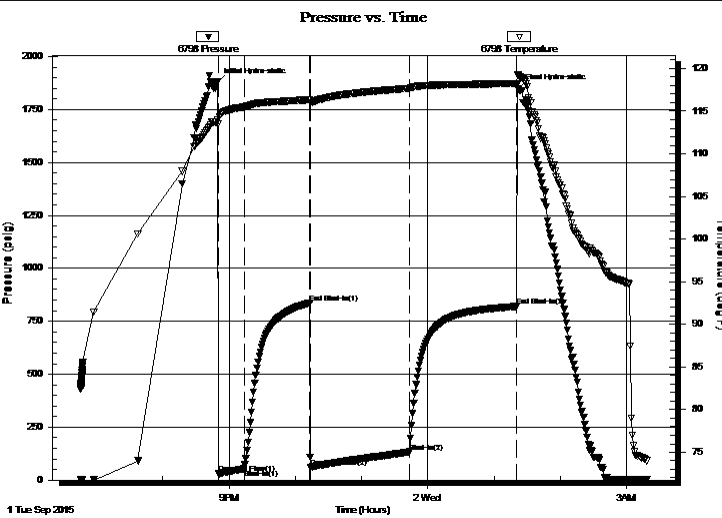
Last Calib.: 2015.09.02

Start Time: 18:45:29 End Time: 03:18:58

Time On Btm: 2015.09.01 @ 20:49:13

Time Off Btm: 2015.09.02 @ 01:21:58

**TEST COMMENT:** IF:Strong blow . B.O.B. in 100 secs.  
IS:Weak blow . 1/2 - 3/4".  
FF:Strong blow . B.O.B. in 20 secs. GTS in 80 mins.  
FS:Fair to strong blow . B.O.B.



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1878.93	113.95	Initial Hydro-static
1	30.47	113.56	Open To Flow (1)
25	53.30	115.48	Shut-In(1)
84	835.92	116.34	End Shut-In(1)
85	61.92	116.02	Open To Flow (2)
174	133.50	117.68	Shut-In(2)
272	820.45	118.25	End Shut-In(2)
273	1848.37	119.31	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
135.00	GCWM 17%g 23%w 60%m	1.89
125.00	GCMW 4%g 6%m 90%w	1.75

## Gas Rates

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





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**FLUID SUMMARY**

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**Young RR#1**

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Test Start: 2015.09.01 @ 18:45:28

## 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:

125000 ppm

Viscosity: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
135.00	GCWM 17%g 23%w 60%m	1.894
125.00	GCMW 4%g 6%m 90%w	1.753

Total Length: 260.00 ft

Total Volume: 3.647 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #: gp-1

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Serial #: 6798

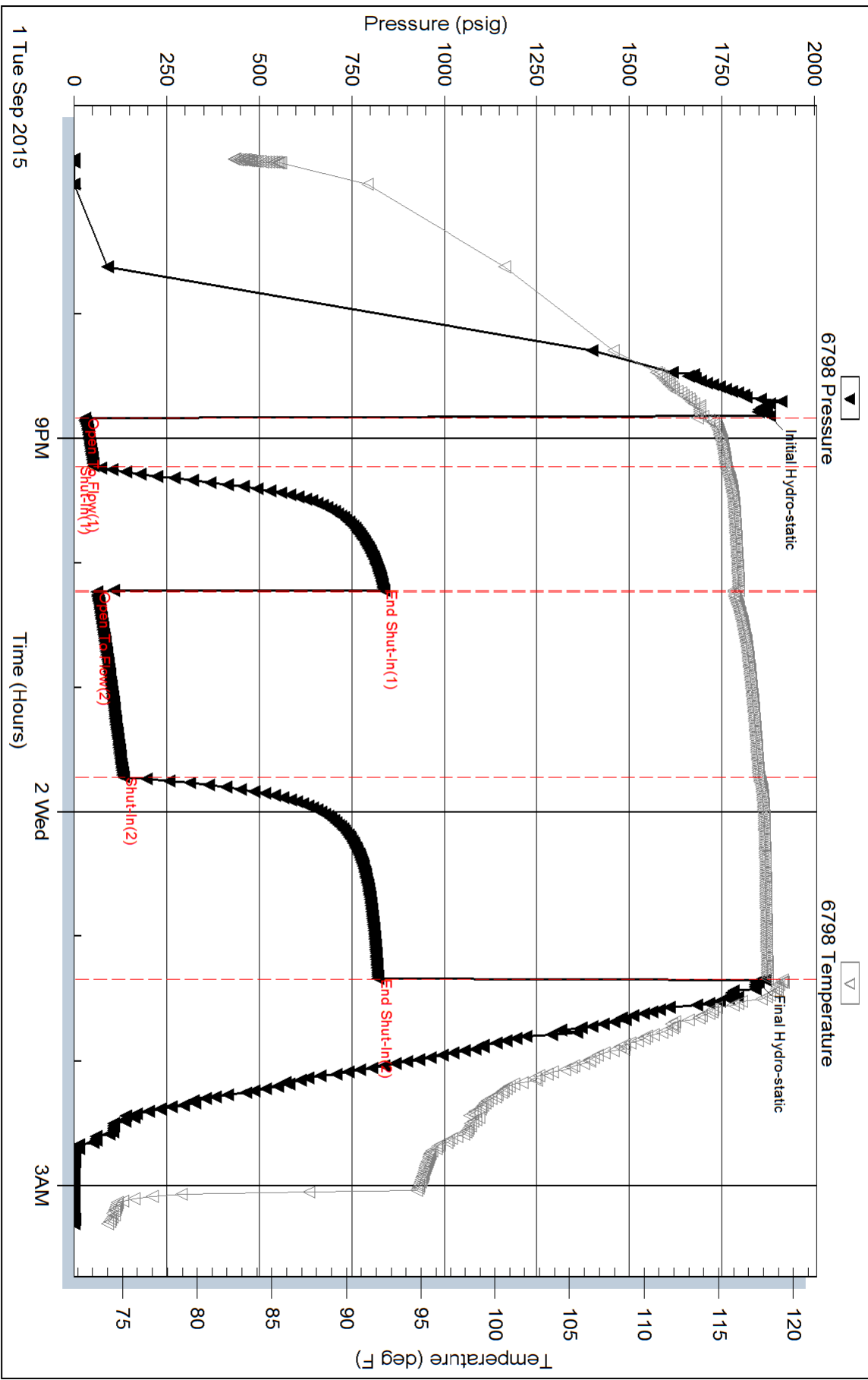
Inside

Pckrell Drly Co, Inc.

Young RR#1

DST Test Number: 1

### Pressure vs. Time



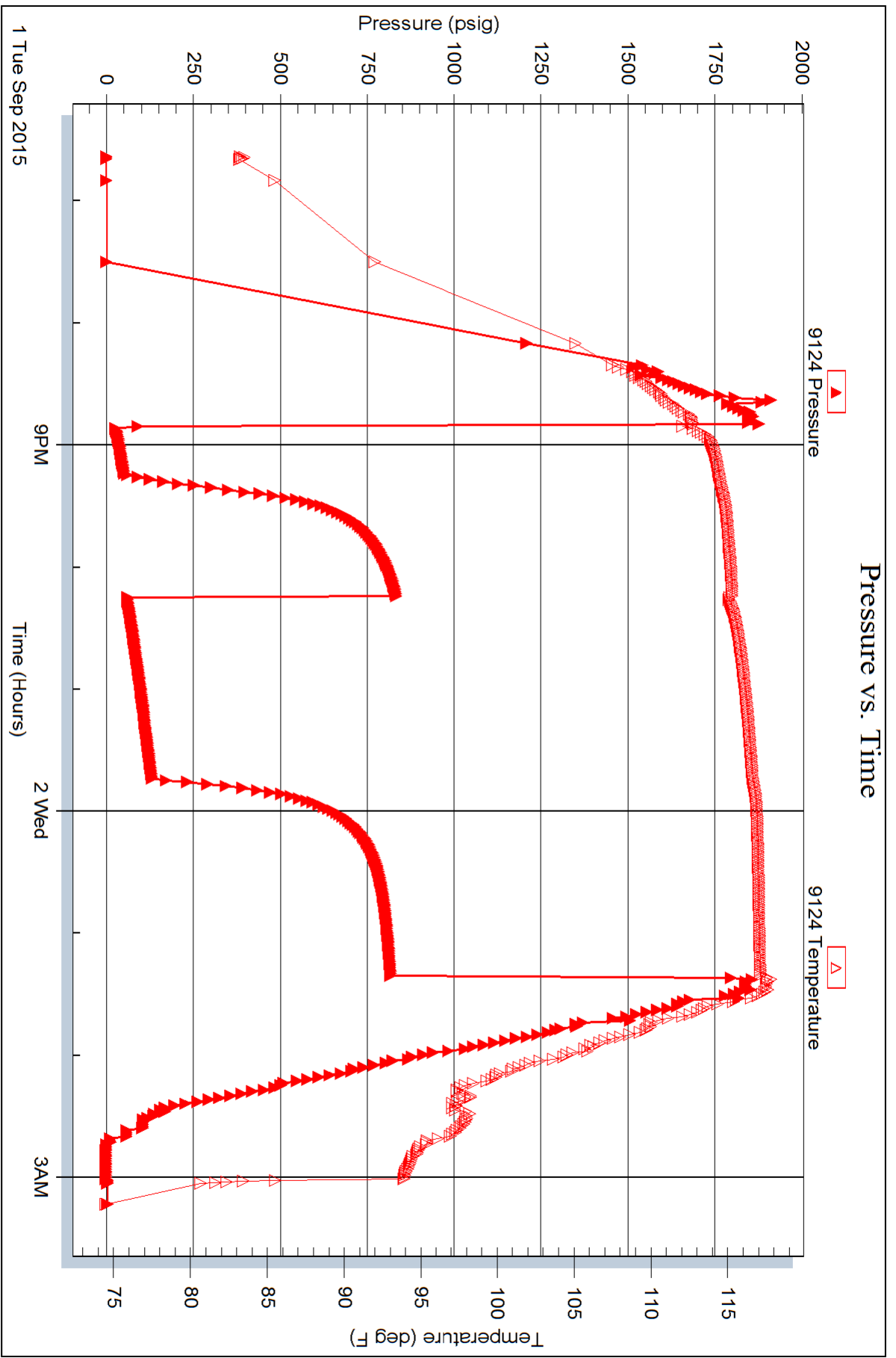
Serial #: 9124

Outside

Pickrell Drig Co, Inc.

Young RR#1

DST Test Number: 1



Trilobite Testing, Inc

Ref. No: 59791

Printed: 2015.09.02 @ 07:15:32