



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Thoroughbred Associates LLC

**20/4s/35w Rawlins KS**

8100 E 22nd St N  
Bldg 600 STE F  
Wichita, KS 67226  
ATTN: Phil Askey

**Cozza #1-20**

Job Ticket: 62833

**DST#: 2**

Test Start: 2015.07.24 @ 16:30:00

## GENERAL INFORMATION:

Formation: **Lans. "B - C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:13:15

Time Test Ended: 00:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

**Interval: 4182.00 ft (KB) To 4215.00 ft (KB) (TVD)**

Reference Elevations: 3268.00 ft (KB)

Total Depth: 4215.00 ft (KB) (TVD)

3263.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8791**

**Inside**

Press @ Run Depth: 38.58 psig @ 4183.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.07.24

End Date:

2015.07.25

Last Calib.:

2015.07.25

Start Time: 16:30:05

End Time:

00:35:14

Time On Btm:

2015.07.24 @ 19:13:00

Time Off Btm:

2015.07.24 @ 22:33:15

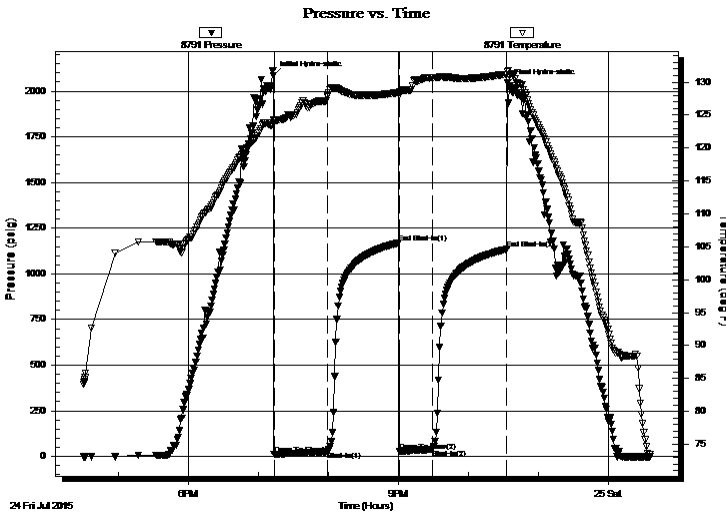
**TEST COMMENT:** 45 - IF: Blow built to 1", slow ly died back, dead at 45 min.

60 - IS: No blow

30 - FF: No blow

60 - FS: No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2083.97	124.20	Initial Hydro-static
1	10.90	123.72	Open To Flow (1)
46	27.14	127.75	Shut-In(1)
107	1169.73	128.41	End Shut-In(1)
108	28.98	127.99	Open To Flow (2)
136	38.58	130.66	Shut-In(2)
200	1134.82	131.18	End Shut-In(2)
201	2043.62	131.54	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
60.00	Mud 100%	0.30
0.00	Trace of Oil in tool	0.00

\* Recovery from multiple tests

## Gas Rates

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



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**FLUID SUMMARY**

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## Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 57.00 sec/qt

Water Loss: 6.37 in<sup>3</sup>

Resistivity: ohm.m

Salinity: 2600.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	Mud 100%	0.295
0.00	Trace of Oil in tool	0.000

Total Length: 60.00 ft      Total Volume: 0.295 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8791

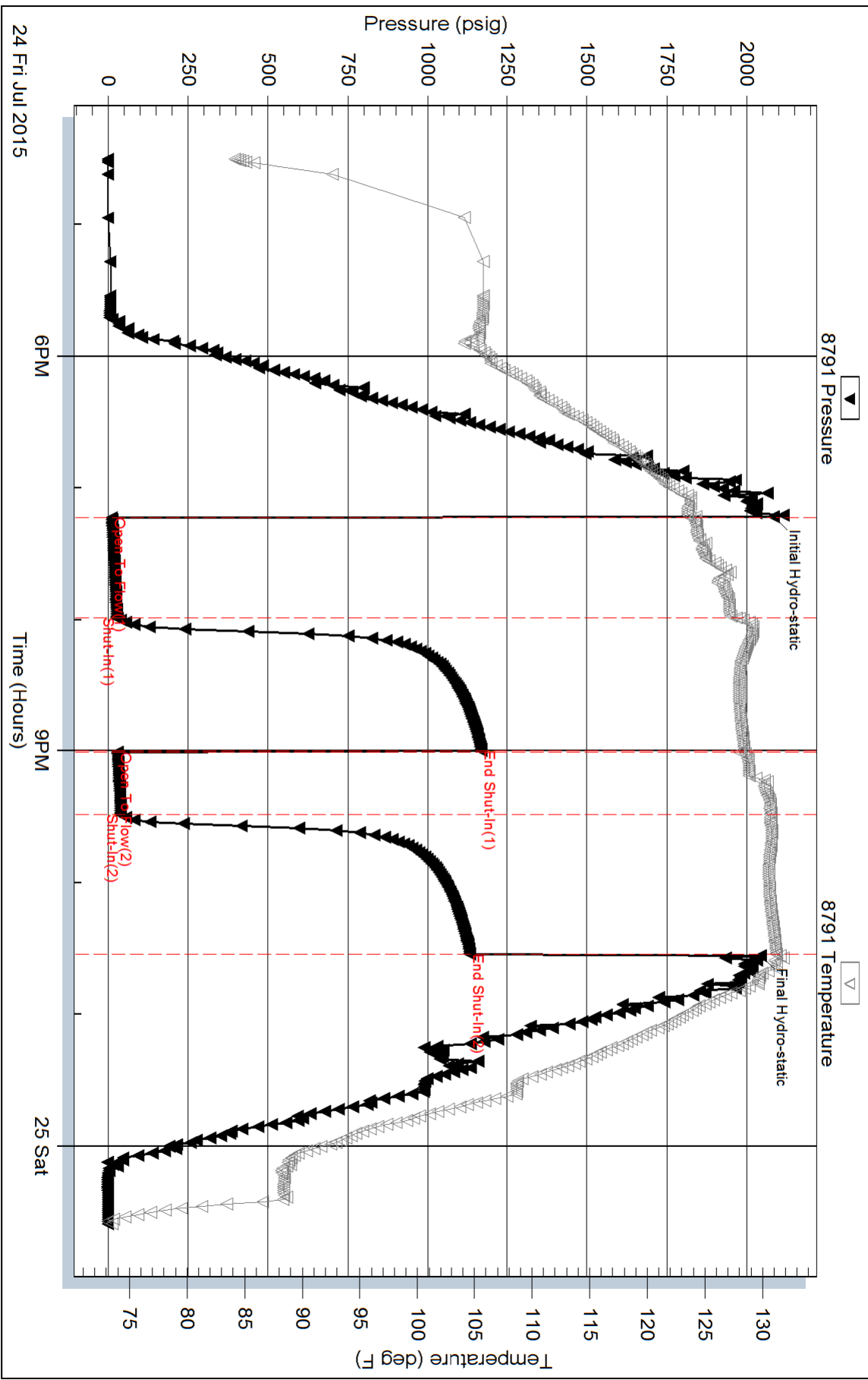
Inside

Thoroughbred Associates LLC

Cozza #1-20

DST Test Number: 2

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 62833

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