



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Caerus Kansas, LLC  
PO Box 1378  
Hays, KS. 67601  
ATTN: Justin Carter

**31-17s-13w-Barton**

**Mortimer #31-32B**

Job Ticket: 47848

**DST#: 5**

Test Start: 2012.08.18 @ 03:30:58

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 05:46:43

Time Test Ended: 10:48:43

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

**Interval: 3364.00 ft (KB) To 3374.00 ft (KB) (TVD)**

Total Depth: 3374.00 ft (KB) (TVD)

Hole Diameter: 7.80 inches Hole Condition: Good

Reference Elevations: 1870.00 ft (KB)

1860.00 ft (CF)

KB to GR/CF: 10.00 ft

**Serial #: 8366**

**Inside**

Press @ Run Depth: 77.76 psig @ 3366.00 ft (KB)

Start Date: 2012.08.18

End Date: 2012.08.18

Start Time: 03:31:00

End Time: 10:48:43

Capacity: 8000.00 psig

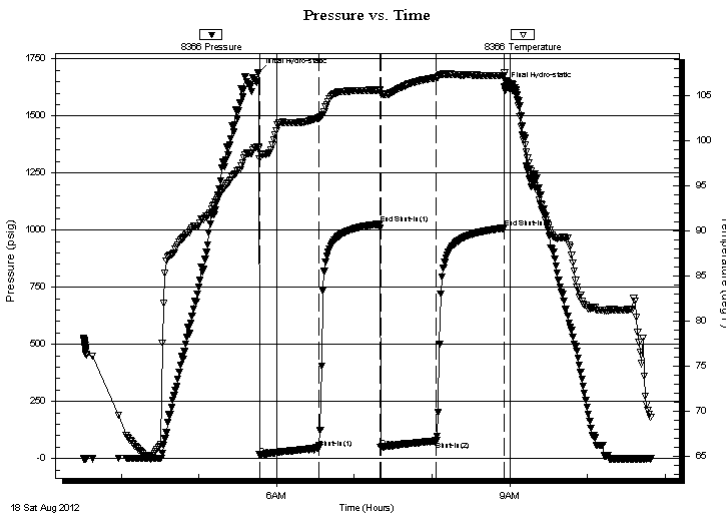
Last Calib.: 2012.08.18

Time On Btm: 2012.08.18 @ 05:46:13

Time Off Btm: 2012.08.18 @ 08:55:58

**TEST COMMENT:** IFP-Fair Blow , Built to 10"  
ISI-Dead  
FFP-fair Blow , Built to 6"  
FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1691.01	99.12	Initial Hydro-static
1	15.77	97.99	Open To Flow (1)
46	46.57	102.47	Shut-In(1)
94	1027.50	105.57	End Shut-In(1)
94	50.31	105.17	Open To Flow (2)
137	77.76	106.94	Shut-In(2)
190	1009.03	107.18	End Shut-In(2)
190	1626.80	107.53	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
150.00	Free Oil	2.10
20.00	OCWM-30%O-10%W-60%M	0.28

## Gas Rates

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

\* Recovery from multiple tests



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## FLUID SUMMARY

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Job Ticket: 47848

**DST#: 5**

ATTN: Justin Carter

Test Start: 2012.08.18 @ 03:30:58

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.76 in<sup>3</sup>

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 bbbl
150.00	Free Oil	2.104
20.00	OCWM-30%O-10%W-60%M	0.281

Total Length: 170.00 ft

Total Volume: 2.385 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

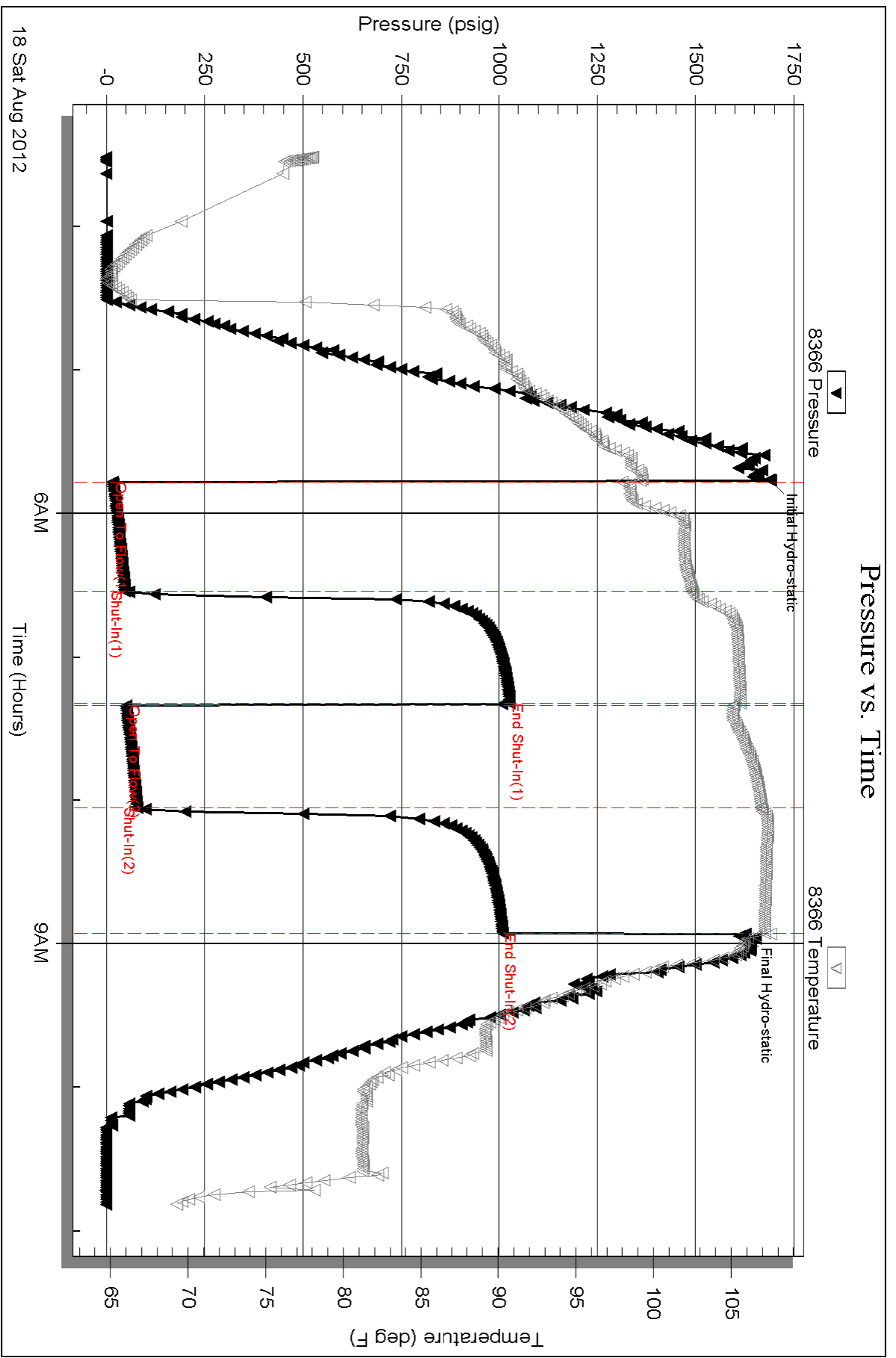
Serial #: 8366

Inside

Caerus Kansas, LLC

Mortimer #31-32B

DST Test Number: 5



Triobite Testing, Inc

Ref. No: 47848

Printed: 2012.08.18 @ 23:45:21