



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Caerus Kansas, LLC

31-17s-13w-Barton

PO Box 1378
Hays, KS. 67601

Mortimer #31-32B

Job Ticket: 47847

DST#: 4

ATTN: Justin Carter

Test Start: 2012.08.17 @ 15:18:28

GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 17:22:58

Time Test Ended: 21:09:13

Test Type: Conventional Bottom Hole (Reset)

Tester: Jason McLemore

Unit No: 54

Interval: 3316.00 ft (KB) To 3364.00 ft (KB) (TVD)

Reference Elevations: 1870.00 ft (KB)

Total Depth: 3364.00 ft (KB) (TVD)

1860.00 ft (CF)

Hole Diameter: 7.80 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8366

Inside

Press @ Run Depth: 37.52 psig @ 3351.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.08.17

End Date:

2012.08.17

Last Calib.:

2012.08.17

Start Time: 15:18:30

End Time:

21:09:13

Time On Btm:

2012.08.17 @ 17:22:43

Time Off Btm:

2012.08.17 @ 19:27:43

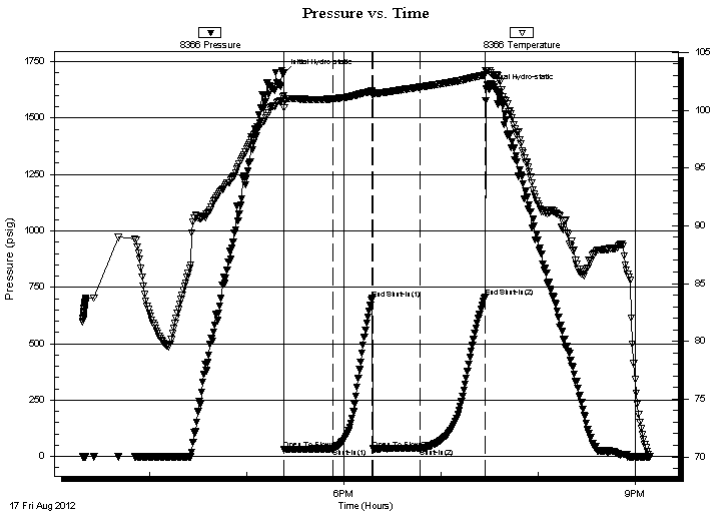
TEST COMMENT: IFP-Weak Blow , Died in 5 Min.

ISI-Dead

FFP-Dead

FSI-Dead

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1698.86	101.26	Initial Hydro-static
1	31.96	100.25	Open To Flow (1)
31	34.48	100.99	Shut-In(1)
55	699.88	101.66	End Shut-In(1)
56	33.89	101.44	Open To Flow (2)
84	37.52	102.00	Shut-In(2)
125	706.58	103.05	End Shut-In(2)
125	1631.50	103.45	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Free Oil	0.07
10.00	OCM-20%O-80%M	0.14

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 47847

DST#: 4

ATTN: Justin Carter

Test Start: 2012.08.17 @ 15:18:28

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: 8.77 in³

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 bbl
5.00	Free Oil	0.070
10.00	OCM-20%O-80%M	0.140

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8366

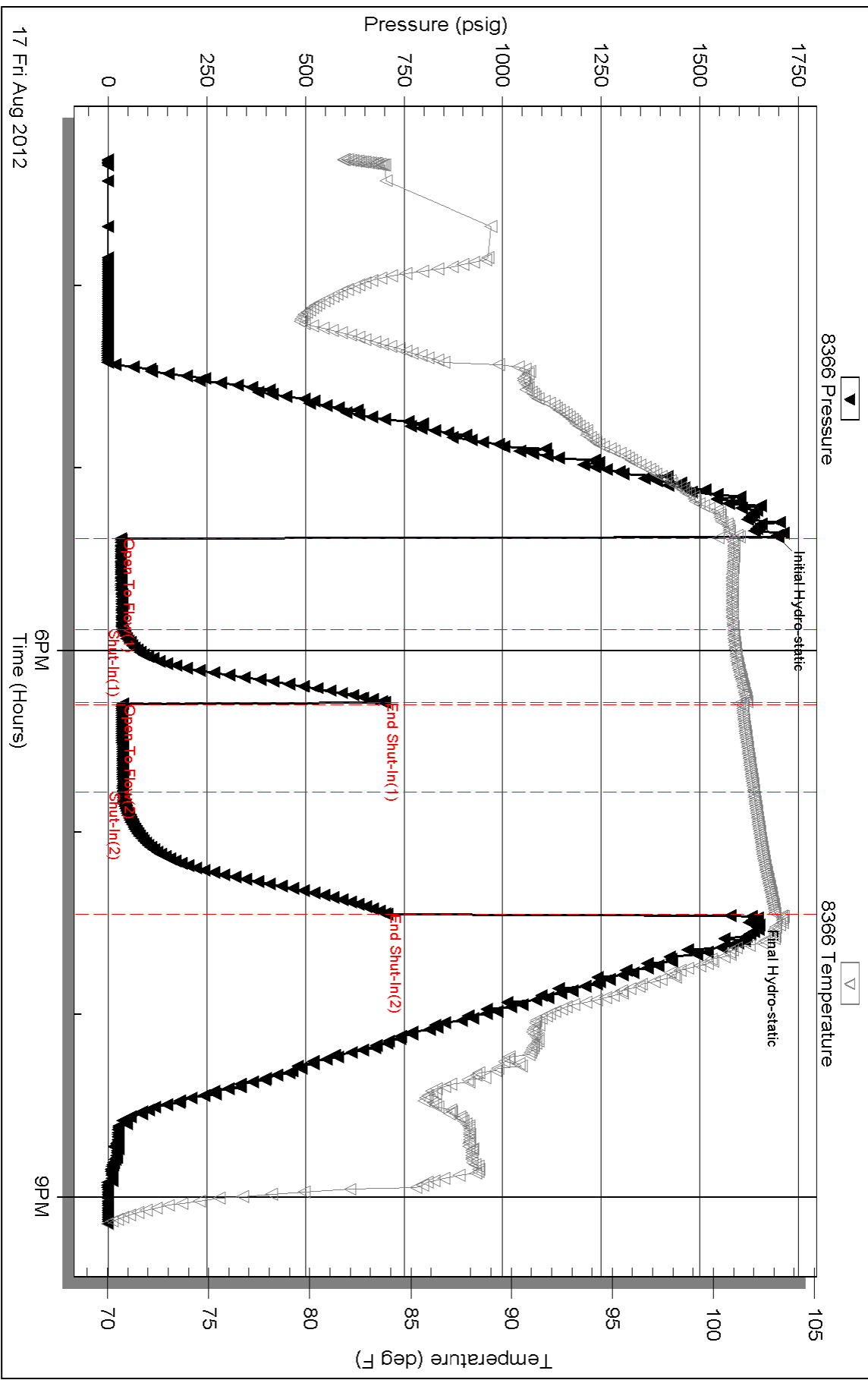
Inside

Caerus Kansas, LLC

Mortimer #31-32B

DST Test Number: 4

Pressure vs. Time



17 Fri Aug 2012

6 PM
Time (Hours)

9 PM