



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Caerus Kansas LLC

**23-17-13, Barton, Ks**

PO Box 1378  
Hays Ks 67601

**Hoffman Ranch #23-23**

ATTN: Jeff Lawler

Job Ticket: 46331

**DST#: 3**

Test Start: 2011.12.11 @ 08:26:00

## GENERAL INFORMATION:

Formation: **LKC "C-F"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:43:30

Time Test Ended: 15:47:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cody Bloedorn

Unit No: 47

**Interval: 3153.00 ft (KB) To 3196.00 ft (KB) (TVD)**

Reference Elevations: 1865.00 ft (KB)

Total Depth: 3196.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

## Serial #: 6753

Inside

Press @ Run Depth: 42.88 psig @ 3191.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.11

End Date:

2011.12.11

Last Calib.:

2011.12.11

Start Time: 08:26:05

End Time:

15:46:59

Time On Btm:

2011.12.11 @ 09:43:00

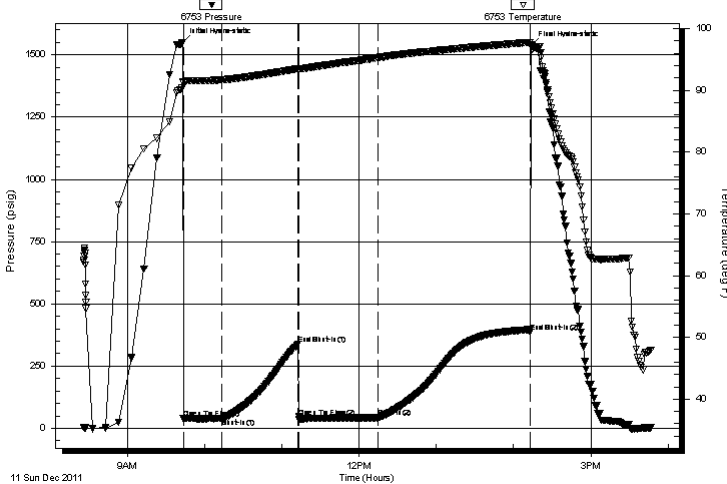
Time Off Btm:

2011.12.11 @ 14:13:30

## TEST COMMENT:

30 - IF- 4" Blow  
60 - IS- Weak surface blow , died in 15 Min.  
60 - FF- B.O.B. in 31 Min.  
120 - FS- No blow back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1550.14	91.33	Initial Hydro-static
1	38.75	91.18	Open To Flow (1)
31	40.00	91.72	Shut-In(1)
90	337.04	93.50	End Shut-In(1)
90	45.79	93.41	Open To Flow (2)
152	42.88	95.25	Shut-In(2)
270	387.66	97.78	End Shut-In(2)
271	1536.53	97.33	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
20.00	5%G, 25%O, 70%M	0.28
0.00	124' of G.I.P.	0.00

## Gas Rates

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

\* Recovery from multiple tests



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**FLUID SUMMARY**

Caerus Kansas LLC

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**Hoffman Ranch #23-23**

Job Ticket: 46331

**DST#: 3**

ATTN: Jeff Lawler

Test Start: 2011.12.11 @ 08:26:00

## 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:

ppm

Viscosity: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.97 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	5%G, 25%O, 70%M	0.281
0.00	124' of G.I.P.	0.000

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 6753

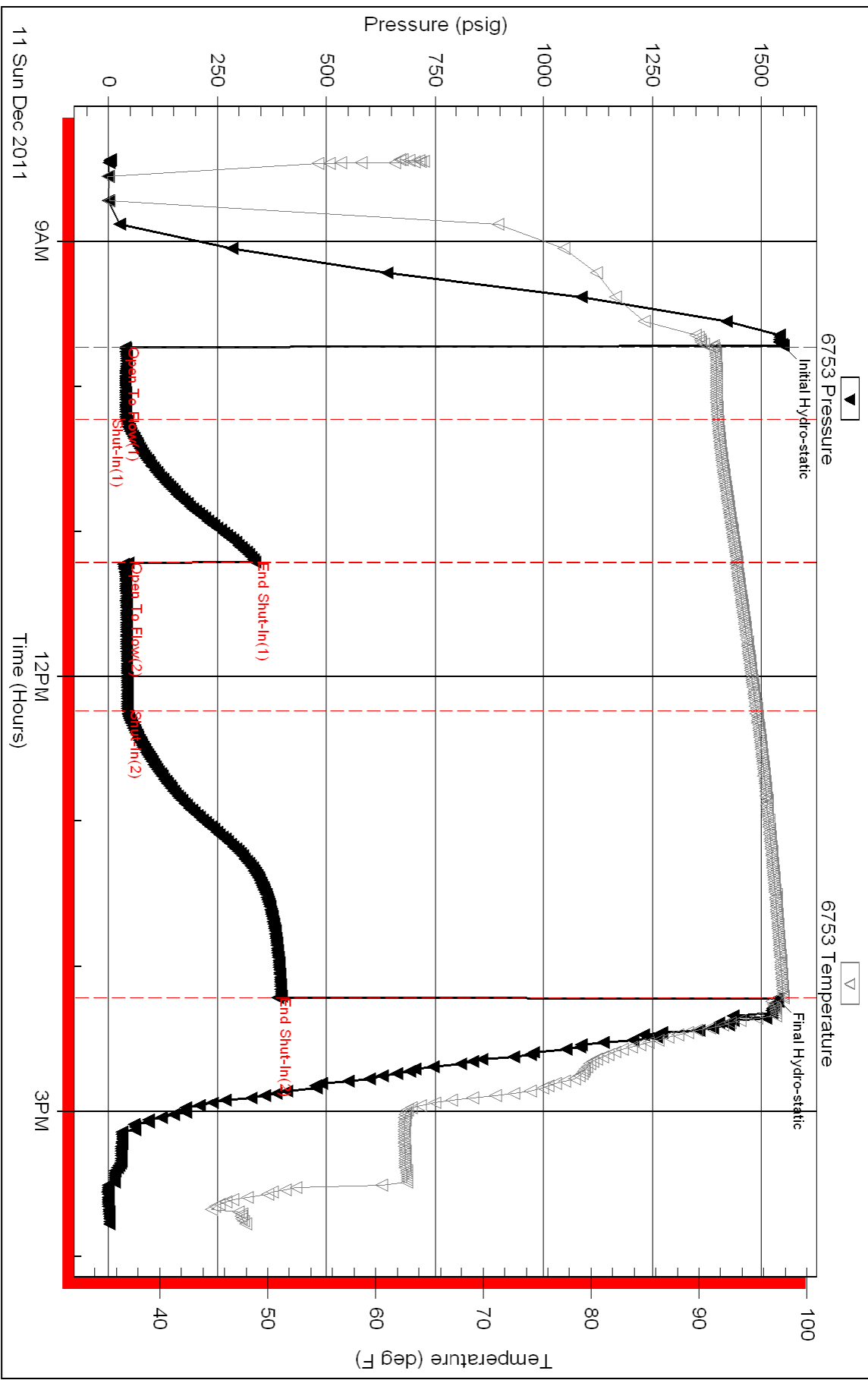
Inside

Caerus Kansas LLC

Hoffman Ranch #23-23

DST Test Number: 3

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 46331

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