



**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: 46214

**DST#: 2**

Test Start: 2011.12.10 @ 16:10:15

## GENERAL INFORMATION:

Formation: **KC"A"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:21:45

Time Test Ended: 22:05:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Brett Dickinson

Unit No: 47

**Interval: 3109.00 ft (KB) To 3144.00 ft (KB) (TVD)**

Reference Elevations: 1865.00 ft (KB)

Total Depth: 3144.00 ft (KB) (TVD)

1856.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 9.00 ft

**Serial #: 6753**

**Inside**

Press @ Run Depth: 27.48 psig @ 3110.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.12.10 End Date: 2011.12.10

Last Calib.: 2011.12.10

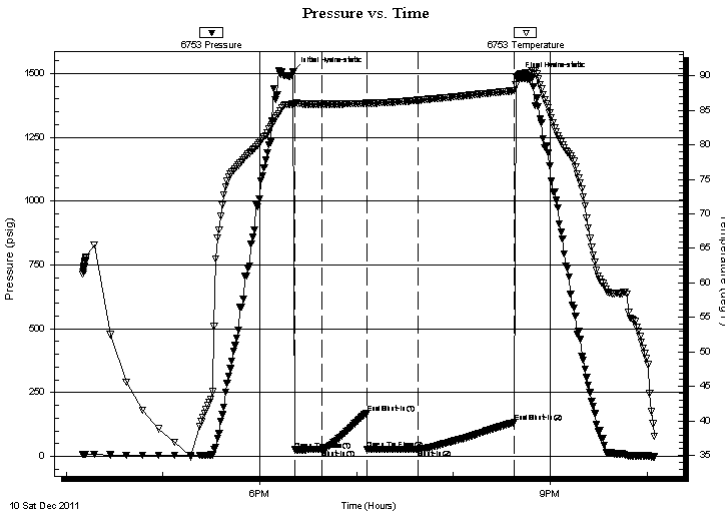
Start Time: 16:10:20 End Time: 22:05:14

Time On Btm: 2011.12.10 @ 18:20:45

Time Off Btm: 2011.12.10 @ 20:40:15

**TEST COMMENT:** IF-1/4in blow  
ISI-No blow  
FF-Very weak surface blow  
FSI-No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1506.00	85.90	Initial Hydro-static
1	25.13	85.85	Open To Flow (1)
18	27.31	85.86	Shut-In(1)
46	167.57	86.02	End Shut-In(1)
46	26.70	85.98	Open To Flow (2)
78	27.48	86.45	Shut-In(2)
137	132.27	87.84	End Shut-In(2)
140	1486.99	90.02	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud	0.21

\* Recovery from multiple tests

## Gas Rates

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



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## 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: 7.98 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
15.00	mud	0.210

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 #: 6753

Inside

Caerus Kansas LLC

Hoffman Ranch #23-23

DST Test Number: 2

