



## DRILL STEM TEST REPORT

Prepared For: **Caerus Kansas LLC**

PO Box 1378  
Hays, KS 67601

ATTN: JUSTIN cARTER

**Hoffman 18-31**

**18-17S-13W Barton**

Start Date: 2012.07.18 @ 12:00:31

End Date: 2012.07.18 @ 18:32:01

Job Ticket #: 47618                      DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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**18-17S-13W Barton**

PO Box 1378  
Hays, KS 67601

**Hoffman 18-31**

Job Ticket: 47618

**DST#: 4**

ATTN: JUSTIN CARTER

Test Start: 2012.07.18 @ 12:00:31

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:33:16

Time Test Ended: 18:32:01

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

**Interval: 3406.00 ft (KB) To 3451.00 ft (KB) (TVD)**

Reference Elevations: 1963.00 ft (KB)

Total Depth: 3451.00 ft (KB) (TVD)

1953.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

**Serial #: 6798**

**Inside**

Press @ Run Depth: 27.27 psig @ 3407.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.18

End Date:

2012.07.18

Last Calib.:

2012.07.18

Start Time: 12:00:32

End Time:

18:32:01

Time On Btm:

2012.07.18 @ 13:32:46

Time Off Btm:

2012.07.18 @ 16:35:46

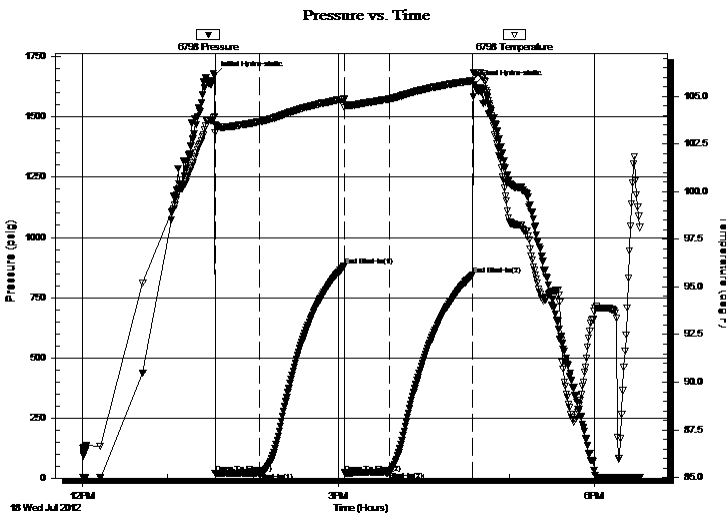
TEST COMMENT: IF: Weak Surface Blow, Dead @ 15 minutes

IS: No Blow Back

FF: No Blow

FS: No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1671.18	103.91	Initial Hydro-static
1	20.39	103.10	Open To Flow (1)
32	22.34	103.66	Shut-In(1)
92	880.21	104.85	End Shut-In(1)
92	21.95	104.40	Open To Flow (2)
123	27.27	104.85	Shut-In(2)
182	844.06	105.82	End Shut-In(2)
183	1634.49	106.22	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	VSOSM -1%O +99%M	0.07

## Gas Rates

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

\* Recovery from multiple tests





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**FLUID SUMMARY**

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PO Box 1378  
Hays, KS 67601

**Hoffman 18-31**

Job Ticket: 47618

**DST#: 4**

ATTN: jUSTINcARTER

Test Start: 2012.07.18 @ 12:00:31

## 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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	VSOSM-1%O +99%M	0.070

Total Length: 5.00 ft      Total Volume: 0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

