



## 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: 2012.07.16 @ 19:51:54

End Date: 2012.07.17 @ 04:13:39

Job Ticket #: 47616                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

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**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Caerus Kansas LLC

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

PO Box 1378  
Hays, KS 67601

**Hoffman 18-31**

Job Ticket: 47616

**DST#: 2**

ATTN: JUSTIN CARTER

Test Start: 2012.07.16 @ 19:51:54

## GENERAL INFORMATION:

Formation: **Lansing F & G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:22:24

Time Test Ended: 04:13:39

Test Type: Conventional Bottom Hole (Reset)

Tester: Leal Cason

Unit No: 45

**Interval: 3266.00 ft (KB) To 3301.00 ft (KB) (TVD)**

Reference Elevations: 1963.00 ft (KB)

Total Depth: 3301.00 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: 94.65 psig @ 3267.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.07.16

End Date:

2012.07.17

Last Calib.:

2012.07.17

Start Time: 19:51:55

End Time:

04:13:39

Time On Btm:

2012.07.16 @ 21:21:39

Time Off Btm:

2012.07.17 @ 02:25:09

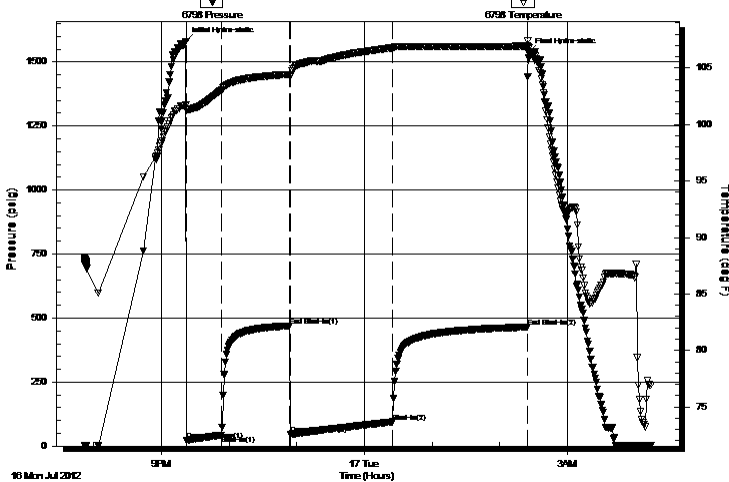
TEST COMMENT: IF: Weak Blow, 1 1/2 inches

IS: No Blow Back

FF: Weak Blow, 3 inches

FS: No Blow Back

Pressure vs. Time



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1580.40	101.75	Initial Hydro-static
1	22.13	101.26	Open To Flow (1)
32	43.32	103.05	Shut-In(1)
93	469.49	104.45	End Shut-In(1)
93	44.65	104.29	Open To Flow (2)
183	94.65	106.79	Shut-In(2)
303	464.22	106.94	End Shut-In(2)
304	1535.82	106.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
130.00	Muddy Water 10%M 90%W	1.82

## Gas Rates

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

\* Recovery from multiple tests





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TESTING, INC.**

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## FLUID SUMMARY

Caerus Kansas LLC

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

PO Box 1378  
Hays, KS 67601

**Hoffman 18-31**

Job Ticket: 47616

**DST#: 2**

ATTN: jUSTINcARTER

Test Start: 2012.07.16 @ 19:51:54

### 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: 95000 ppm

Viscosity: 43.00 sec/qt

Cushion Volume: bbl

Water Loss: 8.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 4000.00 ppm

Filter Cake: 0.02 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
130.00	Muddy Water 10%M 90%W	1.824

Total Length: 130.00 ft      Total Volume: 1.824 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW w as .075 @ 78 degrees

