



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Suncoast Technical Services, Inc

**Sec. 27-8s-23w Graham, KS**

P.O. Box 860037  
Plano, TX 75086

**Roaring Fork #1**

Job Ticket: 61000

**DST#: 1**

ATTN: Jeff Lawler/Anita Ba

Test Start: 2015.01.31 @ 21:40:00

## GENERAL INFORMATION:

Formation: **LKC "H-I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:44:30

Time Test Ended: 06:27:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Phillip Gage

Unit No: 77

**Interval: 3714.00 ft (KB) To 3760.00 ft (KB) (TVD)**

Reference Elevations: 2255.00 ft (KB)

Total Depth: 3760.00 ft (KB) (TVD)

2247.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8898 Outside**

Press @ RunDepth: 18.50 psig @ 3715.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2015.01.31

End Date:

2015.02.01

Last Calib.:

2015.02.01

Start Time: 21:40:01

End Time:

06:27:00

Time On Btm:

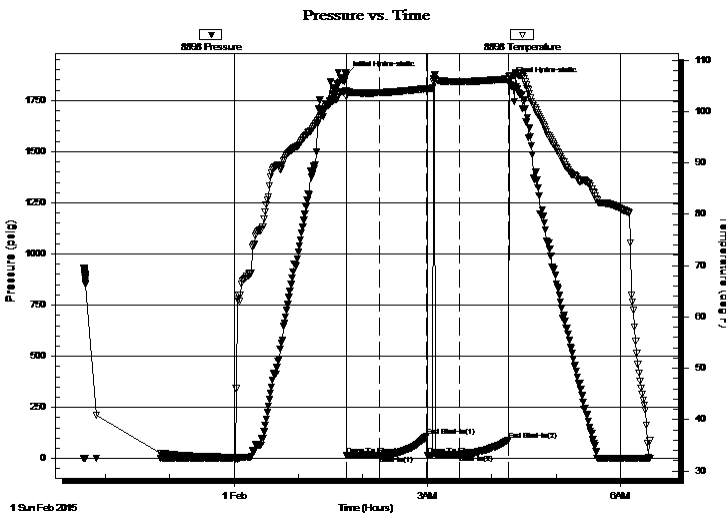
2015.02.01 @ 01:44:20

Time Off Btm:

2015.02.01 @ 04:16:00

**TEST COMMENT:** 30-IF-Weak Surface Blow  
45-ISI-No Return  
30-FF-No Blow, Flushed Tool, No Blow  
45-FSI-No Return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1873.84	104.10	Initial Hydro-static
1	14.63	102.88	Open To Flow (1)
31	15.20	103.64	Shut-In(1)
75	108.31	104.45	End Shut-In(1)
76	16.12	104.42	Open To Flow (2)
106	18.50	105.79	Shut-In(2)
152	90.91	106.34	End Shut-In(2)
152	1840.91	106.76	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
5.00	M, 100% m	0.02

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: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	M, 100% m	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

