



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

John O Farmer

**15 5s 20w Phillips KS**

Box 352  
Russell KS

**States A #1**

Job Ticket: 47955

**DST#: 4**

ATTN: John, Matt, Austin

Test Start: 2012.06.19 @ 10:32:45

## GENERAL INFORMATION:

Formation: **LKC "H-K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:53:05

Time Test Ended: 16:20:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Rash

Unit No: 38

**Interval: 3387.00 ft (KB) To 3472.00 ft (KB) (TVD)**

Reference Elevations: 3135.00 ft (KB)

Total Depth: 3472.00 ft (KB) (TVD)

3130.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

**Serial #: 8520 Outside**

Press @ Run Depth: 81.74 psig @ 3457.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.06.19 End Date: 2012.06.19

Last Calib.: 2012.06.19

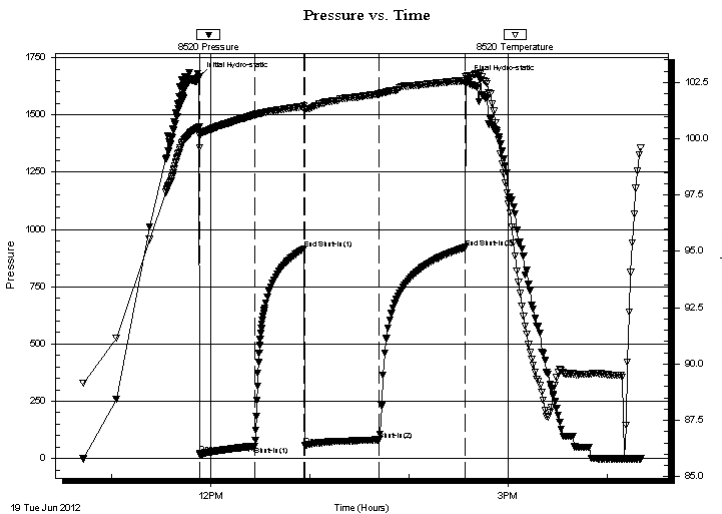
Start Time: 10:42:45 End Time: 16:20:45

Time On Btm: 2012.06.19 @ 11:52:55

Time Off Btm: 2012.06.19 @ 14:35:15

**TEST COMMENT:** IF-Very weak building blow . Built to 1&3/4 inches.  
IS-No Return.  
FF-Very weak building blow . Built to 1&1/2 inches.  
FS-No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1667.83	100.52	Initial Hydro-static
1	21.53	99.59	Open To Flow (1)
34	54.14	101.06	Shut-In(1)
64	915.13	101.45	End Shut-In(1)
64	58.37	101.26	Open To Flow (2)
109	81.74	101.98	Shut-In(2)
161	921.24	102.58	End Shut-In(2)
163	1656.16	102.79	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
135.00	2%Oil/98%Mud	0.80

## Gas Rates

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



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**FLUID SUMMARY**

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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: 59.00 sec/qt

Cushion Volume: bbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 2000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
135.00	2%Oil/98%Mud	0.801

Total Length: 135.00 ft      Total Volume: 0.801 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

