



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. and Associates, Inc.

**7-16-16 Rush, Ks**

1515 Wynkoop St. Ste 700  
Denver, CO 80202

**Stramel 2-7**

Job Ticket: 36062

**DST#: 1**

ATTN: Clayton Comozzi

Test Start: 2012.03.03 @ 09:51:47

## GENERAL INFORMATION:

Formation: **LKC "H-J"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:51:47

Time Test Ended: 17:34:17

Test Type: Conventional Bottom Hole (Initial)

Tester: Brian Fairbank

Unit No: 41

**Interval: 3388.00 ft (KB) To 3446.00 ft (KB) (TVD)**

Reference Elevations: 1958.00 ft (KB)

Total Depth: 3446.00 ft (KB) (TVD)

1950.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

**Serial #: 8734 Outside**

Press @ Run Depth: 54.19 psig @ 3428.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.03.03

End Date:

2012.03.03

Last Calib.:

1899.12.30

Start Time: 09:51:48

End Time:

17:34:17

Time On Btm:

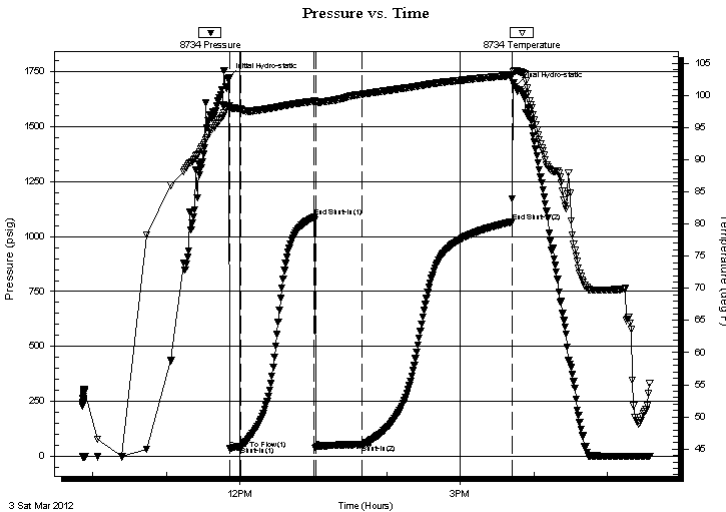
2012.03.03 @ 11:50:47

Time Off Btm:

2012.03.03 @ 15:44:17

**TEST COMMENT:** 10 - IFP - weak blow throughout sur - 2"  
60 - ISI - no blow back  
40 - FFP - BOB 30 sec  
120 - FSI - weak sur blow back - died 17min

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1722.51	98.43	Initial Hydro-static
1	32.98	97.92	Open To Flow (1)
10	44.13	97.85	Shut-In(1)
70	1089.13	99.14	End Shut-In(1)
71	35.40	98.92	Open To Flow (2)
109	54.19	100.19	Shut-In(2)
231	1067.32	103.13	End Shut-In(2)
234	1684.46	103.82	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
55.00	GHOCM 5%G, 30%O, 65%M	0.50
0.00	290' GIP	0.00

## 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:

39 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.78 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
55.00	GHOCM 5%G, 30%O, 65%M	0.498
0.00	290' GIP	0.000

Total Length: 55.00 ft      Total Volume: 0.498 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2500 ml G, 1350 ml O, 150 ml M, 660 LBS

