



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Associates

**15-17s-15w-Barton**

1515 Wynkoop  
Suite 700  
Denver, CO. 80202  
ATTN: Chris Mitchell

**Sharon #1-15**

Job Ticket: 48742

**DST#: 1**

Test Start: 2012.11.29 @ 13:52:37

## GENERAL INFORMATION:

Formation: **H-I**  
 Deviated: No Whipstock: 0.00 ft (KB)  
 Time Tool Opened: 15:38:22  
 Time Test Ended: 19:57:37  
 Interval: **3400.00 ft (KB) To 3446.00 ft (KB) (TVD)**  
 Total Depth: 3446.00 ft (KB) (TVD)  
 Hole Diameter: 7.80 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Jason McLemore  
 Unit No: 54  
 Reference Elevations: 1981.00 ft (KB)  
 1971.00 ft (CF)  
 KB to GR/CF: 10.00 ft

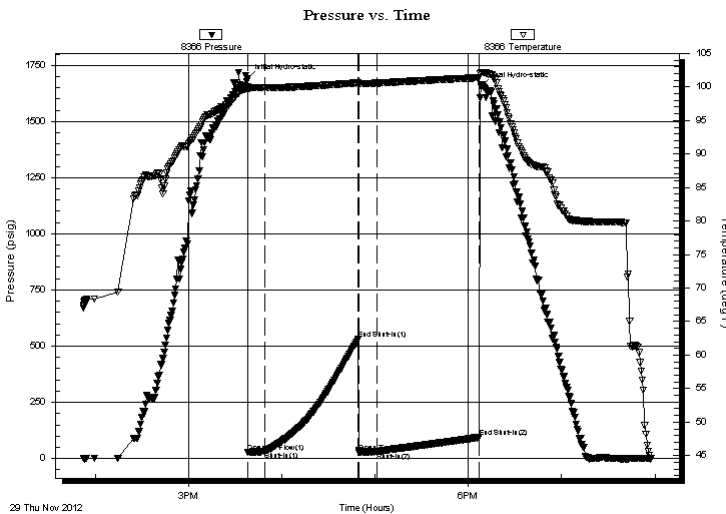
## Serial #: 8366

Inside

Press @ Run Depth: 28.13 psig @ 3435.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.11.29 End Date: 2012.11.29 Last Calib.: 2012.11.29  
 Start Time: 13:52:39 End Time: 19:57:37 Time On Btm: 2012.11.29 @ 15:38:07  
 Time Off Btm: 2012.11.29 @ 18:08:07

TEST COMMENT: IFP-Weak Surface Blow  
 ISI-Dead  
 FFP-Weak Blow , Built to 1/4"  
 FSI-Dead

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1689.16	100.09	Initial Hydro-static
1	28.53	99.58	Open To Flow (1)
12	31.54	99.89	Shut-In(1)
71	529.96	100.62	End Shut-In(1)
72	26.85	100.46	Open To Flow (2)
83	28.13	100.57	Shut-In(2)
149	94.81	101.39	End Shut-In(2)
150	1654.13	102.17	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud W/Oil Specks	0.07

## 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: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5300.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud W/Oil Specks	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: Sampler: 45#, 250ml Oil 2750ml Mud

