



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr. & Assoc.

**Juno 1-15**

1515 Wynkoop Ste. 700  
Denver, Co 80202

**15/17S/16W-Rush**

Job Ticket: 41079

**DST#: 4**

ATTN: Clayton Camozzi

Test Start: 2010.10.07 @ 13:39:16

## GENERAL INFORMATION:

Formation: **Arbuckle**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:25:16

Time Test Ended: 20:20:55

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 31

**Interval: 3568.00 ft (KB) To 3576.00 ft (KB) (TVD)**

Reference Elevations: 2009.00 ft (KB)

Total Depth: 3576.00 ft (KB) (TVD)

2000.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 9.00 ft

**Serial #: 8017**

**Inside**

Press @ Run Depth: 28.69 psig @ 3569.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.07

End Date:

2010.10.07

Last Calib.:

2010.10.07

Start Time: 13:39:21

End Time:

20:20:55

Time On Btm:

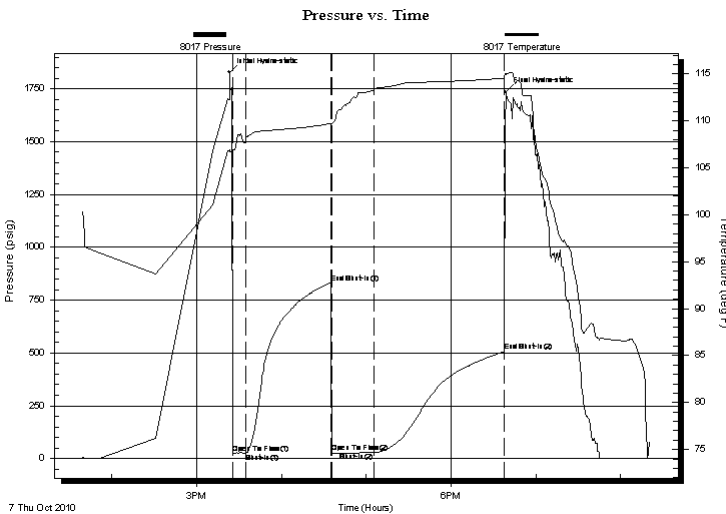
2010.10.07 @ 15:23:16

Time Off Btm:

2010.10.07 @ 18:38:36

**TEST COMMENT:** IF- Weak surface blow . Built to 1/2 inch.  
IS- No Return.  
FF- Weak surface blow . Died off and on.  
FS- No Return.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1827.63	106.88	Initial Hydro-static
2	25.47	105.63	Open To Flow (1)
12	26.94	108.18	Shut-In(1)
72	832.65	109.70	End Shut-In(1)
73	28.73	109.59	Open To Flow (2)
102	28.69	113.29	Shut-In(2)
195	506.70	114.56	End Shut-In(2)
196	1736.20	115.09	Final Hydro-static

## Recovery

## Gas Rates

Length (ft)	Description	Volume (bbl)
15.00	100%Mud/Skim Oil	0.21

	Choke (inches)	Pressure (psig)	Gas Rate (MMcf/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: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.80 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7200.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbf
15.00	100%Mud/Skim Oil	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

