



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary And Associates

**Yarmer et al #1-26**

1515 Wynkoop Ste #700  
Denver, CO 80202

**26/16S/16W-Rush**

Job Ticket: 42787

**DST#: 2**

ATTN: Neal Sharp

Test Start: 2011.04.03 @ 12:48:12

## GENERAL INFORMATION:

Formation: **Lansing 'C'**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:22:42

Time Test Ended: 22:49:42

Test Type: Conventional Bottom Hole

Tester: Dustin Rash

Unit No: 42

**Interval: 3272.00 ft (KB) To 3291.00 ft (KB) (TVD)**

Reference Elevations: 1975.00 ft (KB)

Total Depth: 3291.00 ft (KB) (TVD)

1965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 321.96 psig @ 3275.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.03

End Date: 2011.04.03

Last Calib.: 2011.04.04

Start Time: 12:48:17

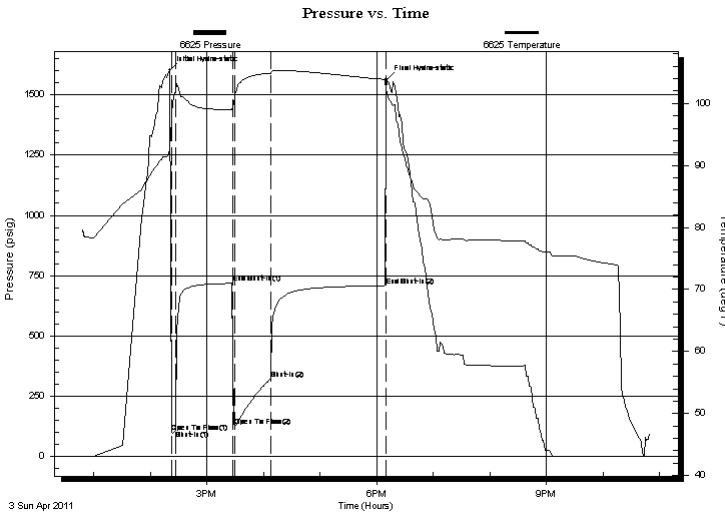
End Time: 22:49:42

Time On Btm: 2011.04.03 @ 14:20:42

Time Off Btm: 2011.04.03 @ 18:10:42

**TEST COMMENT:** IF-Strong building blow . BOB in 15 seconds.  
ISI-Return @ 15 seconds. BOB in 1.5 minutes. GTS @ 13 minutes.  
FF-Strong building blow . BOB in 15 seconds. Gauged Gas.  
FSI-Return @ 15 seconds. BOB in 1

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1600.72	92.74	Initial Hydro-static
2	100.20	98.62	Open To Flow (1)
6	109.74	101.92	Shut-In(1)
67	718.27	99.00	End Shut-In(1)
69	127.47	100.97	Open To Flow (2)
107	321.96	104.90	Shut-In(2)
229	709.56	103.89	End Shut-In(2)
230	1564.01	101.76	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
880.00	75%Oil/25%Gas	12.34
0.00	2375' G.I.P.	0.00

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.13	1.00	5.76
Last Gas Rate	0.13	4.00	6.89
Max. Gas Rate	0.13	5.00	7.26



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Total Depth: 3291.00 ft (KB) (TVD)

1965.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 10.00 ft

## Serial #: 8374 Fluid

Press @ Run Depth: psig @ 3243.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2011.04.03 End Date: 2011.04.03

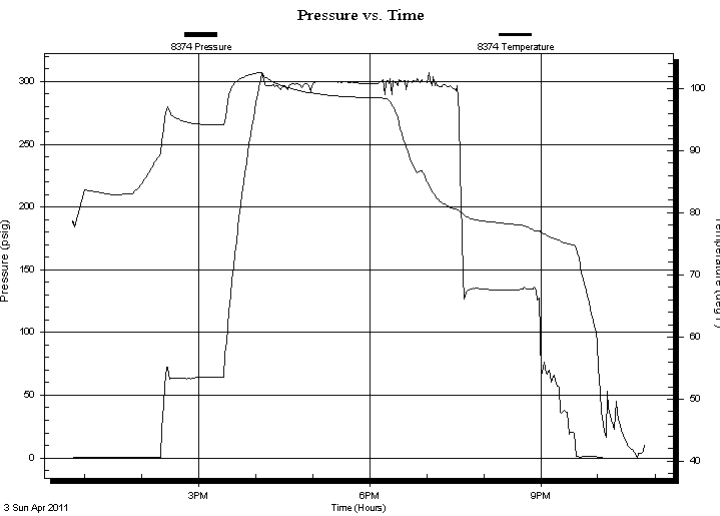
Last Calib.: 2011.04.04

Start Time: 12:47:58 End Time: 22:48:57

Time On Btm:

Time Off Btm:

**TEST COMMENT:** IF-Strong building blow . BOB in 15 seconds.  
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## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

## Recovery

Length (ft)	Description	Volume (bbl)
880.00	75%Oil/25%Gas	12.34
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First Gas Rate	0.13	1.00	5.76
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## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

47 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
880.00	75%Oil/25%Gas	12.344
0.00	2375' G.I.P.	0.000

Total Length: 880.00 ft      Total Volume: 12.344 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

# Pressure vs. Time

