



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Samuel Gary Jr & Associates

**Funk #1-8**

1515 Wynkoop  
Ste 700  
Denver Co 80202  
ATTN: Tom Fertal

**8-16s-15w Barton**

Job Ticket: 40856 **DST#: 1**

Test Start: 2010.10.04 @ 23:00:57

## GENERAL INFORMATION:

Formation: **LKC C-E**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:40:22

Time Test Ended: 08:52:22

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 42

**Interval: 3252.00 ft (KB) To 3303.00 ft (KB) (TVD)**

Reference Elevations: 1972.00 ft (KB)

Total Depth: 3303.00 ft (KB) (TVD)

1962.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6625 Inside**

Press @ Run Depth: 576.68 psig @ 3286.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2010.10.04

End Date: 2010.10.05

Last Calib.: 2010.10.05

Start Time: 23:00:57

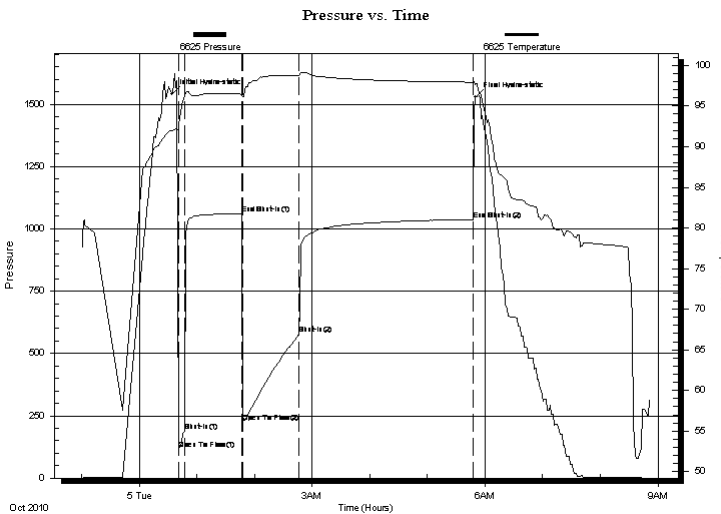
End Time: 08:52:22

Time On Btm: 2010.10.05 @ 00:34:22

Time Off Btm: 2010.10.05 @ 05:50:21

**TEST COMMENT:** IFP-strg bl in 2min Sampler Data:800#PSI 1000ML Gas  
ISIP-1/4"bl bk 1800MLOIL  
FFP-strg bl thru-out 12

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1542.10	92.03	Initial Hydro-static
6	116.70	92.03	Open To Flow (1)
13	189.26	96.30	Shut-In(1)
73	1061.80	96.46	End Shut-In(1)
73	224.65	96.17	Open To Flow (2)
132	576.68	98.80	Shut-In(2)
314	1037.37	97.94	End Shut-In(2)
316	1529.22	97.62	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
186.00	MGO 20%G40%O40%M	2.61
248.00	MGO 20%G60%O20%M	3.48
500.00	CO	7.01
62.00	O&GCW 10%G10%O80%W	0.87
248.00	Water	3.48

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**FLUID SUMMARY**

Samuel Gary Jr & Associates

**Funk #1-8**

1515 Wynkoop  
Ste 700  
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ATTN: Tom Fertal

**8-16s-15w Barton**

Job Ticket: 40856

**DST#: 1**

Test Start: 2010.10.04 @ 23:00:57

## Mud and Cushion Information

Mud Type: Gel Chem  
Mud Weight: 9.00 lb/gal  
Viscosity: 58.00 sec/qt  
Water Loss: 7.52 in<sup>3</sup>  
Resistivity: ohm.m  
Salinity: 3300.00 ppm  
Filter Cake: 1.00 inches

Cushion Type:  
Cushion Length: ft  
Cushion Volume: bbl  
Gas Cushion Type:  
Gas Cushion Pressure: psig

Oil API: 28 deg API  
Water Salinity: 79000 ppm

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
186.00	MGO 20%G40%O40%M	2.609
248.00	MGO 20%G60%O20%M	3.479
500.00	CO	7.014
62.00	O&GCW 10%G10%O80%W	0.870
248.00	Water	3.479

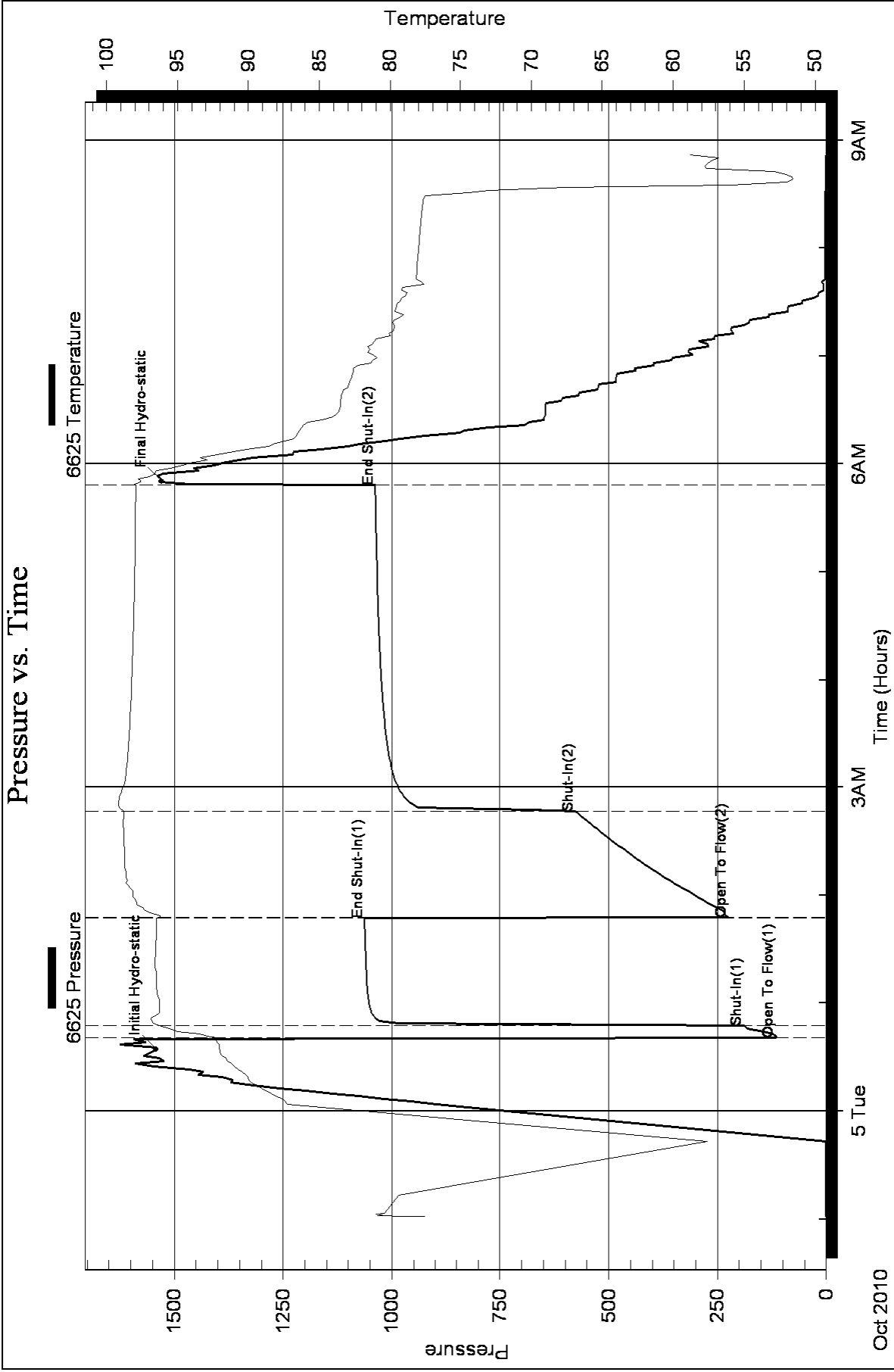
Total Length: 1244.00 ft      Total Volume: 17.451 bbl

Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments: RW .1 @ 65F

### Pressure vs. Time



Serial #: 8700

Fluid

Samuel Gary Jr & Associates

8-16s-15w Barton

DST Test Number: 1

