



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

**27-27s-24w Ford Ks.**

2020 N.Bramblewood  
Wichita Ks. 67206

**Roesener #1-27**

ATTN: Mac Armstrong

Job Ticket: 45727

**DST#: 3**

Test Start: 2012.01.21 @ 08:41:06

## GENERAL INFORMATION:

Formation: **Miss.**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:36:36

Time Test Ended: 19:50:06

Test Type: Conventional Bottom Hole (Reset)

Tester: Gary Pevoteaux

Unit No: 56

**Interval: 5048.00 ft (KB) To 5070.00 ft (KB) (TVD)**

Reference Elevations: 2534.00 ft (KB)

Total Depth: 5070.00 ft (KB) (TVD)

2521.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 13.00 ft

**Serial #: 8167 Inside**

Press @ Run Depth: 11.57 psig @ 5049.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.21

End Date: 2012.01.21

Last Calib.: 2012.01.21

Start Time: 08:41:07

End Time: 19:50:06

Time On Btm: 2012.01.21 @ 12:32:51

Time Off Btm: 2012.01.21 @ 16:19:06

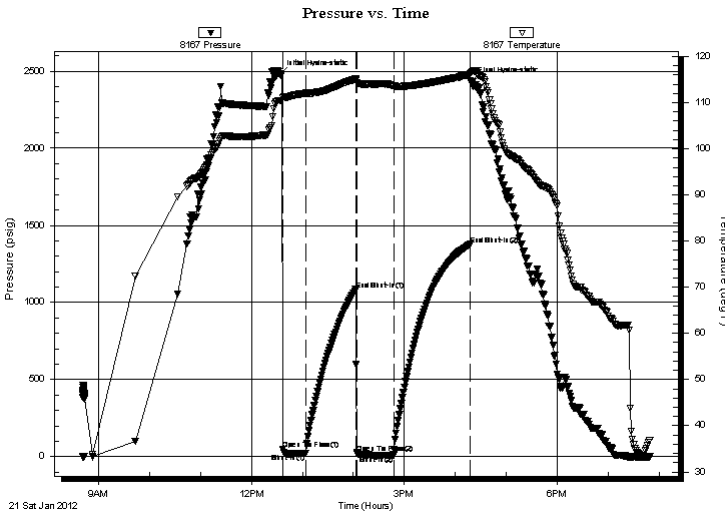
**TEST COMMENT:** IF: Strong blow . GTS in 5 mins. (see gas flow report)

IS: Weak blow . (surface)

FF: Strong blow . (see gas flow report)

FS: Weak blow . (surface)

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2480.26	110.45	Initial Hydro-static
4	47.68	111.08	Open To Flow (1)
32	20.24	112.07	Shut-In(1)
90	1084.21	115.11	End Shut-In(1)
92	22.41	114.26	Open To Flow (2)
135	11.57	113.63	Shut-In(2)
225	1376.04	116.15	End Shut-In(2)
227	2432.91	116.52	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	GCM 10%g 90%m	0.25

\* Recovery from multiple tests

## Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.43
Last Gas Rate	0.25	0.50	23.64
Max. Gas Rate	0.25	6.00	32.36



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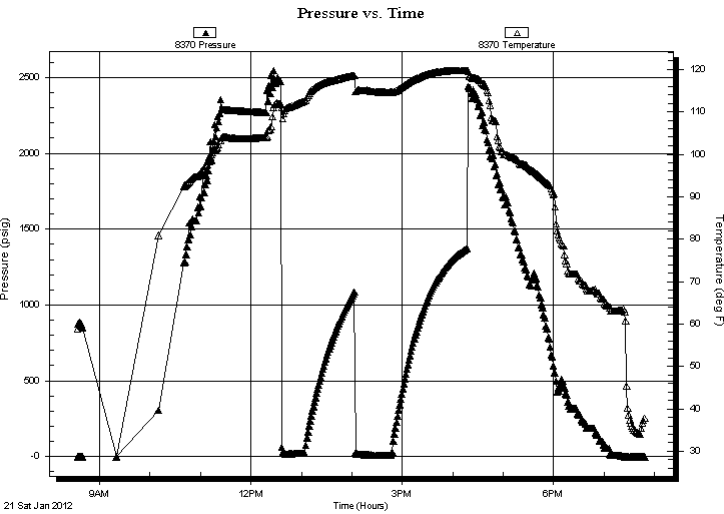
**27-27s-24w Ford Ks.**  
**Roesener #1-27**  
 Job Ticket: 45727 **DST#: 3**  
 Test Start: 2012.01.21 @ 08:41:06

**GENERAL INFORMATION:**

Formation: **Miss.**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 12:36:36  
 Time Test Ended: 19:50:06  
**Interval: 5048.00 ft (KB) To 5070.00 ft (KB) (TVD)**  
 Total Depth: 5070.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Gary Pevoteaux  
 Unit No: 56  
 Reference Elevations: 2534.00 ft (KB)  
 2521.00 ft (CF)  
 KB to GR/CF: 13.00 ft

**Serial #: 8370 Outside**  
 Press @ Run Depth: psig @ 5049.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.01.21 End Date: 2012.01.21 Last Calib.: 2012.01.21  
 Start Time: 08:34:10 End Time: 19:48:20 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: Strong blow . GTS in 5 mins. (see gas flow report)  
 IS: Weak blow . (surface)  
 FF: Strong blow . (see gas flow report)  
 FS: Weak blow . (surface)



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
50.00	GCM 10%g 90%m	0.25

\* Recovery from multiple tests

**Gas Rates**

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
First Gas Rate	0.25	1.00	24.43
Last Gas Rate	0.25	0.50	23.64
Max. Gas Rate	0.25	6.00	32.36



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# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Berexco LLC

**27-27s-24w Ford Ks.**

2020 N.Bramblewood  
Wichita Ks. 67206

**Roesener #1-27**

Job Ticket: 45727

**DST#: 3**

ATTN: Mac Armstrong

Test Start: 2012.01.21 @ 08:41:06

## 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:

3500 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	GCM 10%g 90%m	0.246

Total Length: 50.00 ft

Total Volume: 0.246 bbl

Num Fluid Samples: 0

Num Gas Bombs: 1

Serial #: gp-3

Laboratory Name: Caraway

Laboratory Location: Liberal, KS

Recovery Comments:

Serial #: 8167

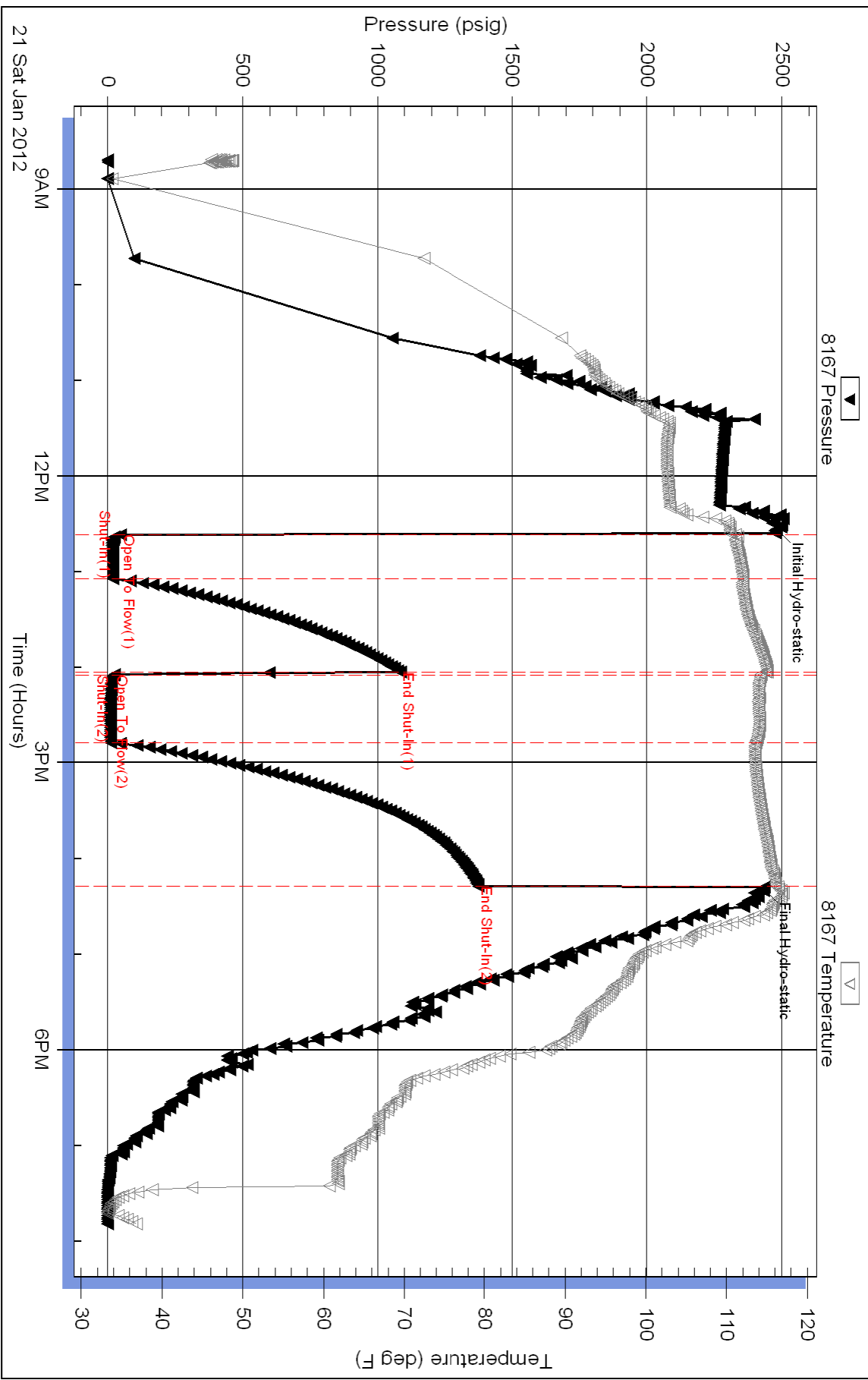
Inside

Berexco LLC

Roesener #1-27

DST Test Number: 3

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 45727

Printed: 2012.01.21 @ 22:02:00

Serial #: 8370

Outside Berexco LLC

Roesener #1-27

DST Test Number: 3

