



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC  
2020 N. Bramblewood  
Wichita, KS 67206  
ATTN: Bryan Bynog

**9/1s/37w Cheyenne KS**

**Mears 'A' #3-9**

Job Ticket: 56980

**DST#: 1**

Test Start: 2014.03.27 @ 18:19:00

## GENERAL INFORMATION:

Formation: **Oread**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 22:38:45  
 Time Test Ended: 05:56:15  
 Interval: **4095.00 ft (KB) To 4150.00 ft (KB) (TVD)**  
 Total Depth: 4150.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: James Winder  
 Unit No: 57  
 Reference Elevations: 3263.00 ft (KB)  
 3252.00 ft (CF)  
 KB to GR/CF: 11.00 ft

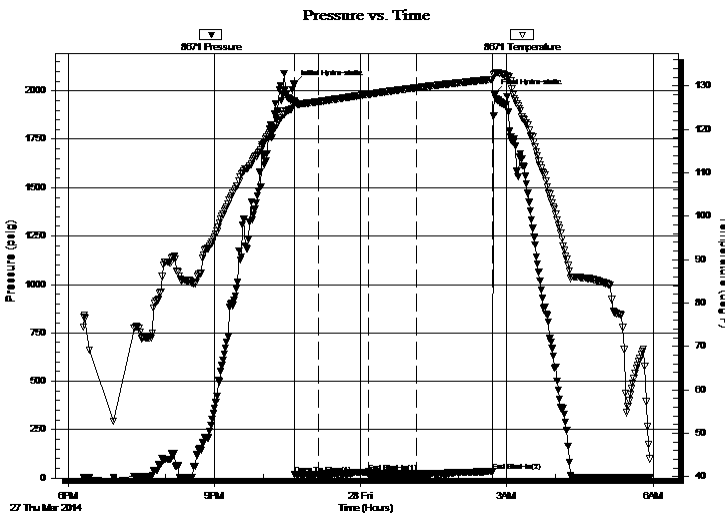
## Serial #: 8671

Inside

Press @ Run Depth: 21.96 psig @ 4096.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.03.27 End Date: 2014.03.28 Last Calib.: 2014.03.28  
 Start Time: 18:19:05 End Time: 05:56:15 Time On Btm: 2014.03.27 @ 22:38:15  
 Time Off Btm: 2014.03.28 @ 02:44:45

**TEST COMMENT:** 30 - IF: 1/8" Blow at open, died back, dead at 8 min.  
 60 - IS: No blow back  
 60 - FF: No blow  
 90 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2034.96	126.55	Initial Hydro-static
1	18.89	125.98	Open To Flow (1)
31	20.63	126.40	Shut-In(1)
91	31.74	128.10	End Shut-In(1)
92	19.87	128.10	Open To Flow (2)
151	21.96	129.60	Shut-In(2)
244	34.18	131.52	End Shut-In(2)
247	1984.47	132.78	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%	0.02
0.00	Oil spots in tool	0.00

## 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: 70.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 600.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100%	0.025
0.00	Oil spots in tool	0.000

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8671

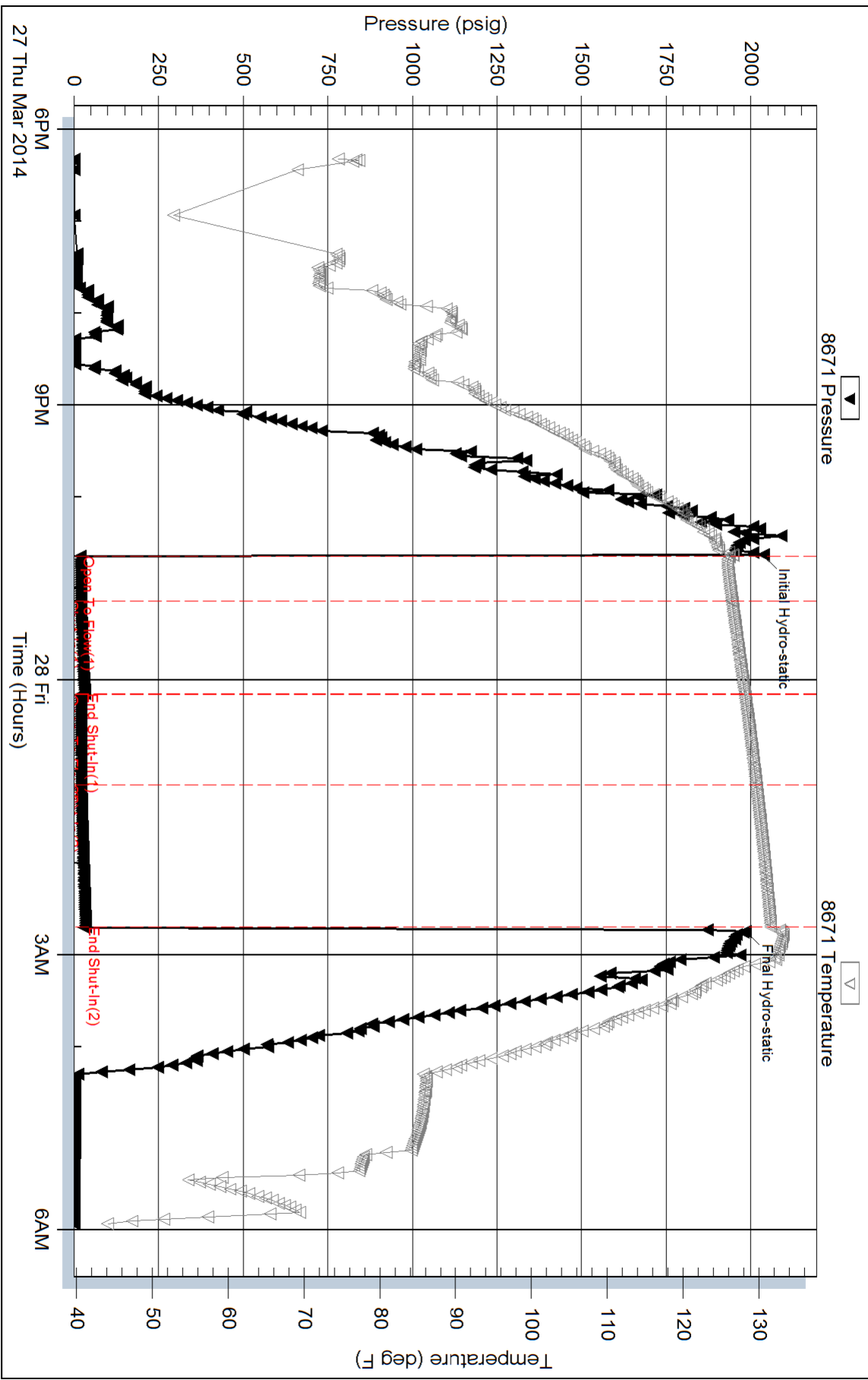
Inside

Berexco, LLC

Mears 'A' #3-9

DST Test Number: 1

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 56980

Printed: 2014.03.28 @ 06:55:20