



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC  
 2020 N Bramblewood  
 Wichita KS 67206+1094  
 ATTN: Bryan Bynog

**9-11S-19W Ellis KS**  
**Gustus #10**  
 Job Ticket: 63218      **DST#: 2**  
 Test Start: 2017.05.22 @ 01:01:00

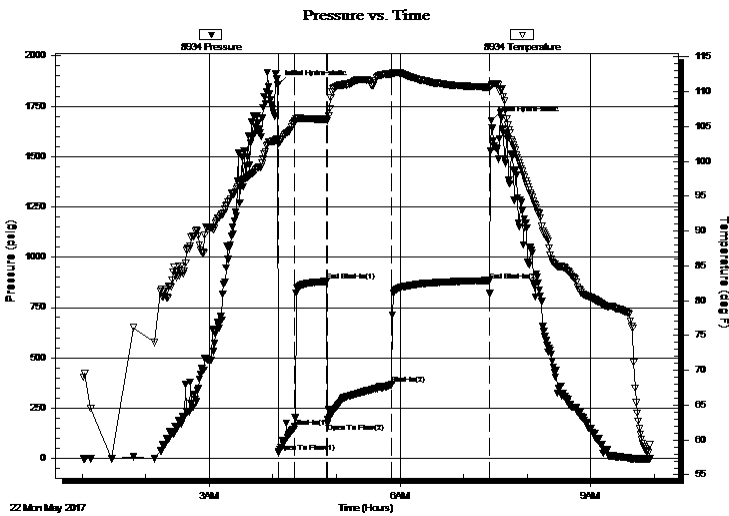
## GENERAL INFORMATION:

Formation: **Conglomerate & Arbuc**  
 Deviated: No      Whipstock:      ft (KB)  
 Time Tool Opened: 04:05:00  
 Time Test Ended: 09:56:00  
 Interval: **3480.00 ft (KB) To 3599.00 ft (KB) (TVD)**  
 Total Depth: 3599.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches      Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Spencer J. Staab  
 Unit No: 84  
 Reference Elevations: 2051.00 ft (KB)  
 2042.00 ft (CF)  
 KB to GR/CF: 9.00 ft

**Serial #: 8934      Inside**  
 Press@RunDepth: 368.10 psig @ 3487.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2017.05.22      End Date: 2017.05.22      Last Calib.: 2017.05.22  
 Start Time: 01:01:15      End Time: 09:56:00      Time On Btm: 2017.05.22 @ 04:04:45  
 Time Off Btm: 2017.05.22 @ 07:26:15

**TEST COMMENT:** 15-IF-Strong Blow ; Built from surface to 9"  
 30-ISI-No Blow Back  
 60-FF-Strong Blow ; Built from surface to BOB in 13 minutes  
 90-FSI-No Blow Back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1857.13	103.26	Initial Hydro-static
1	28.97	102.52	Open To Flow (1)
16	157.19	105.68	Shut-In(1)
46	879.96	106.04	End Shut-In(1)
47	172.63	105.85	Open To Flow (2)
108	368.10	112.52	Shut-In(2)
200	884.13	110.61	End Shut-In(2)
202	1678.26	110.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
505.00	Muddy Water 15%M 85%W	2.48
315.00	Muddy Water w/few specks oil 30%M 70%W	03.83

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/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:

22500 ppm

Viscosity: 62.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 6000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
505.00	Muddy Water 15%M 85%W	2.484
315.00	Muddy Water w/few specks oil 30%M 70%W	3.827

Total Length: 820.00 ft

Total Volume: 6.311 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 6#LCM

RW=.341@60degrees

