



**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Berexco LLC  
2020 N Bramblewood  
Wichita, KS 67206  
ATTN: Ed Grieves

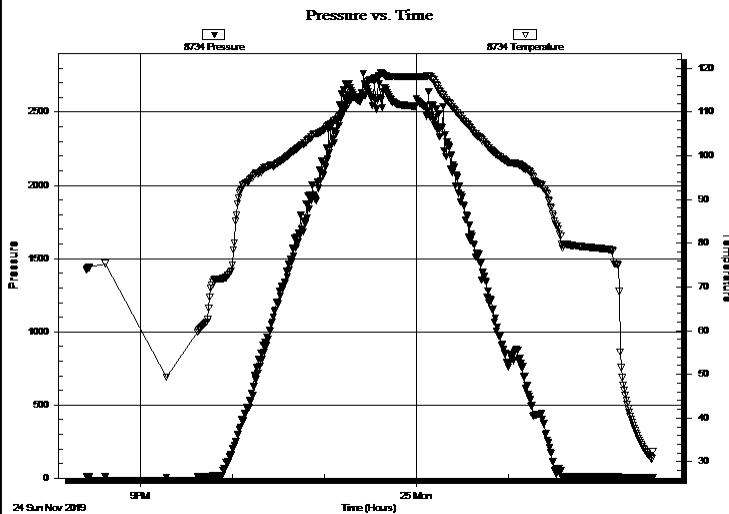
**22-30s-33w Haskell, KS**  
**Risa 1-22**  
Job Ticket: 66102 **DST#: 6**  
Test Start: 2019.11.24 @ 20:25:00

**GENERAL INFORMATION:**

Formation: **Morrow**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened:  
Time Test Ended: 02:34:20  
Interval: **5327.00 ft (KB) To 5381.00 ft (KB) (TVD)**  
Total Depth: 5381.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Martine Salinas  
Unit No: 82  
Reference Elevations: ft (KB)  
ft (CF)  
KB to GR/CF: ft

**Serial #: 8734 Outside**  
Press@RunDepth: psig @ 5328.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2019.11.24 End Date: 2019.11.25 Last Calib.: 2019.11.25  
Start Time: 20:25:01 End Time: 02:34:20 Time On Btm:  
Time Off Btm:

**TEST COMMENT:** Mis-Run Opened tool & lost fluid in hole, Picked up & bled off floor manifold & tried to reseal packers, Lost fluid again, Pull tool



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
160.00	100% Mud	2.24

**Gas Rates**

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

\* Recovery from multiple tests



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## DRILL STEM TEST REPORT

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Time Test Ended: 02:34:20

Test Type: Conventional Bottom Hole (Reset)

Tester: Martine Salinas

Unit No: 82

Interval: **5327.00 ft (KB) To 5381.00 ft (KB) (TVD)**

Reference Elevations: ft (KB)

Total Depth: 5381.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

**Serial #: 8959** Inside

Press@RunDepth: psig @ 5328.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.11.24 End Date: 2019.11.25

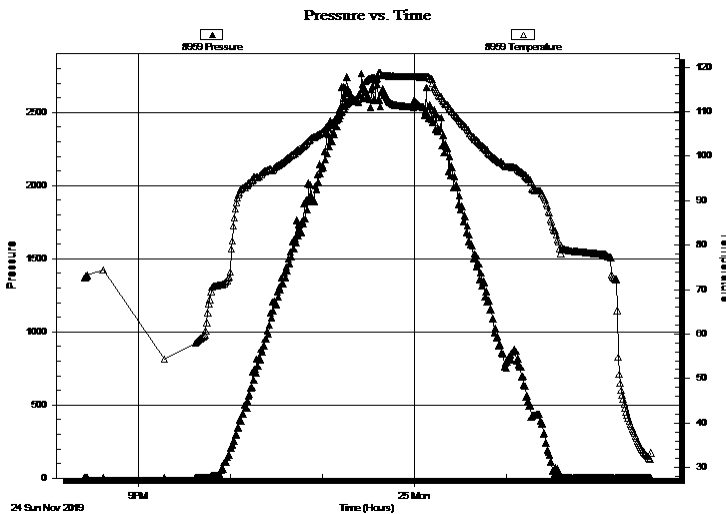
Last Calib.: 2019.11.25

Start Time: 20:25:01 End Time: 02:34:10

Time On Btm:

Time Off Btm:

**TEST COMMENT:** Mis-Run Opened tool & lost fluid in hole, Picked up & bled off floor manifold & tried to reseat packers, Lost fluid again, Pull tool



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
160.00	100% Mud	2.24

### Gas Rates

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

\* Recovery from multiple tests



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**22-30s-33w Haskell, KS**

2020 N Bramblewood  
Wichita, KS 67206

**Risa 1-22**

Job Ticket: 66102

**DST#: 6**

ATTN: Ed Grieves

Test Start: 2019.11.24 @ 20:25:00

### 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: 61.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
160.00	100% Mud	2.244

Total Length: 160.00 ft      Total Volume: 2.244 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Mis-Run opened tool & lost fluid in hole, Picked up & bled off floor manifold & tried to re seat packers lost fluid again, Pull tool  
Pulled 38K over STWT had to set off jars to come loose

