



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC

**21-23s-31w Finney,KS**

2020 Bramblw ood  
Wichita KS 67206

**Carley #1-21**

Job Ticket: 65134

**DST#: 1**

ATTN: Ed Grieves

Test Start: 2019.04.18 @ 07:45:15

## GENERAL INFORMATION:

Formation: **Basil Sand**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:19:00

Time Test Ended: 18:12:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

**Interval: 4757.00 ft (KB) To 4805.00 ft (KB) (TVD)**

Reference Elevations: 2906.00 ft (KB)

Total Depth: 4805.00 ft (KB) (TVD)

2896.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 8521**

**Inside**

Press@RunDepth: 55.18 psig @ 4795.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.18

End Date:

2019.04.18

Last Calib.:

2019.04.18

Start Time:

07:45:15

End Time:

18:12:30

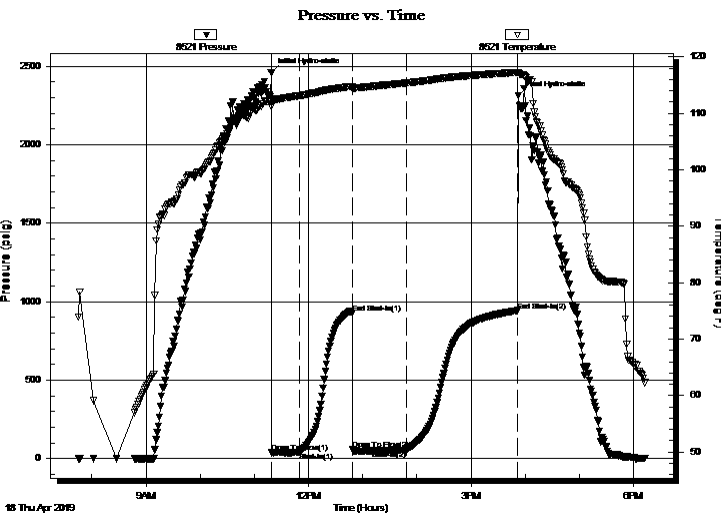
Time On Btm:

2019.04.18 @ 11:18:45

Time Off Btm:

2019.04.18 @ 15:52:15

TEST COMMENT: IF:Built to 9 1/2" blow  
IS:No return bow  
FF:Built to 25" blow  
FS:No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2457.02	112.69	Initial Hydro-static
1	37.72	111.21	Open To Flow (1)
32	40.32	113.11	Shut-In(1)
90	926.78	114.75	End Shut-In(1)
90	60.55	114.28	Open To Flow (2)
150	55.18	115.34	Shut-In(2)
273	942.54	117.22	End Shut-In(2)
274	2312.02	117.16	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
55.00	gcmo 10%g 40%m 40%o	0.77

## Gas Rates

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



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 2020 Bramblwood  
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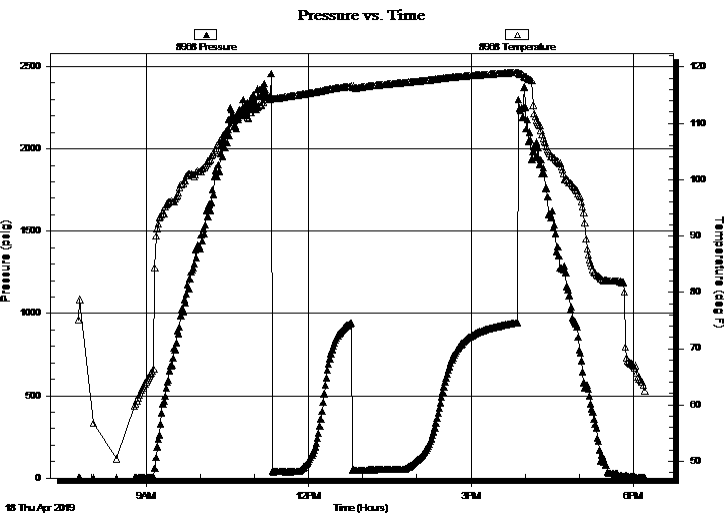
**21-23s-31w Finney, KS**  
**Carley #1-21**  
 Job Ticket: 65134 **DST#: 1**  
 Test Start: 2019.04.18 @ 07:45:15

## GENERAL INFORMATION:

Formation: **Basil Sand**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 11:19:00  
 Time Test Ended: 18:12:30  
 Interval: **4757.00 ft (KB) To 4805.00 ft (KB) (TVD)**  
 Total Depth: 4805.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Mike Roberts  
 Unit No: 81  
 Reference Elevations: 2906.00 ft (KB)  
 2896.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8968 Outside**  
 Press@RunDepth: psig @ 4795.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.04.18 End Date: 2019.04.18 Last Calib.: 2019.04.18  
 Start Time: 07:45:15 End Time: 18:12:15 Time On Btm:  
 Time Off Btm:

TEST COMMENT: IF: Built to 9 1/2" blow  
 IS: No return bow  
 FF: Built to 25" blow  
 FS: No return blow



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
55.00	gcmo 10%g 40%m 40%o	0.77

## Gas Rates

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



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**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Berexco LLC

**21-23s-31w Finney,KS**

2020 Bramblw ood  
Wichita KS 67206

**Carley #1-21**

Job Ticket: 65134

**DST#: 1**

ATTN: Ed Grieves

Test Start: 2019.04.18 @ 07:45:15

**Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 71.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.37 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbf
55.00	gcmo 10%g 40%m 40%o	0.772

Total Length: 55.00 ft      Total Volume: 0.772 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

