



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

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

**17/2s/37w Cheyenne KS**  
**Ardene #2-17**  
Job Ticket: 63715      **DST#: 8**  
Test Start: 2018.05.31 @ 13:55:00

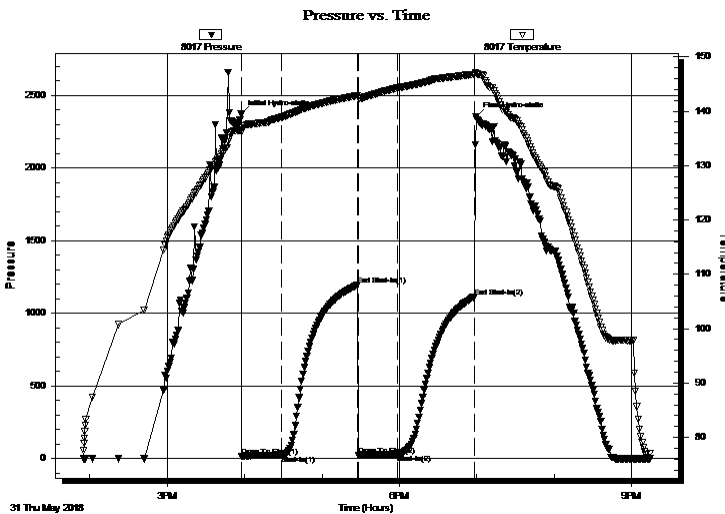
## GENERAL INFORMATION:

Formation: **Cherokee**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 15:57:30  
Time Test Ended: 21:14:15  
Interval: **4665.00 ft (KB) To 4720.00 ft (KB) (TVD)**  
Total Depth: 4720.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: James Winder  
Unit No: 83  
Reference Elevations: 3287.00 ft (KB)  
3279.00 ft (CF)  
KB to GR/CF: 8.00 ft

**Serial #: 8017      Outside**  
Press@RunDepth: 27.28 psig @ 4666.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2018.05.31      End Date: 2018.05.31      Last Calib.: 2018.05.31  
Start Time: 13:55:05      End Time: 21:14:14      Time On Btm: 2018.05.31 @ 15:57:15  
Time Off Btm: 2018.05.31 @ 18:59:30

**TEST COMMENT:** 30 - IF: 1/8" Blow at open, died back, dead at 13 min.  
60 - IS: No blow  
30 - FF: No blow  
60 - FS: No blow

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2369.22	136.87	Initial Hydro-static
1	17.43	136.15	Open To Flow (1)
32	22.57	138.88	Shut-In(1)
91	1193.88	142.86	End Shut-In(1)
91	24.35	142.49	Open To Flow (2)
122	27.28	144.27	Shut-In(2)
181	1112.97	146.79	End Shut-In(2)
183	2353.52	147.13	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
30.00	SOCM 95% m, 5% o	0.15

\* Recovery from multiple tests

## Gas Rates

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



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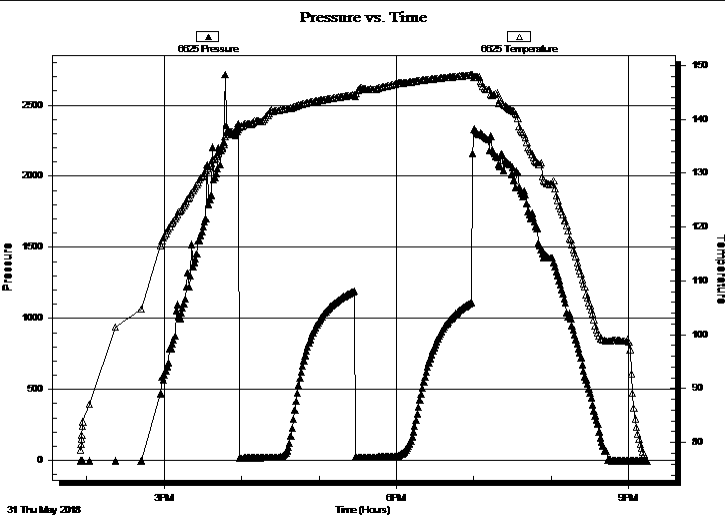
**17/2s/37w Cheyenne KS**  
**Ardene #2-17**  
 Job Ticket: 63715 **DST#: 8**  
 Test Start: 2018.05.31 @ 13:55:00

**GENERAL INFORMATION:**

Formation: **Cherokee**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 15:57:30  
 Time Test Ended: 21:14:15  
 Interval: **4665.00 ft (KB) To 4720.00 ft (KB) (TVD)**  
 Total Depth: 4720.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: James Winder  
 Unit No: 83  
 Reference Elevations: 3287.00 ft (KB)  
 3279.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 6625** Inside  
 Press@RunDepth: psig @ 4666.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2018.05.31 End Date: 2018.05.31 Last Calib.: 2018.05.31  
 Start Time: 13:55:05 End Time: 21:14:29 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30 - IF: 1/8" Blow at open, died back, dead at 13 min.  
 60 - IS: No blow  
 30 - FF: No blow  
 60 - FS: No blow



**PRESSURE SUMMARY**

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

**Recovery**

Length (ft)	Description	Volume (bbl)
30.00	SOCM 95% m, 5% o	0.15

**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

**17/2s/37w Cheyenne KS**

2020 N. Bramblewood  
Wichita, KS 67206

**Ardene #2-17**

Job Ticket: 63715

**DST#: 8**

ATTN: Bryan Bynog

Test Start: 2018.05.31 @ 13:55:00

## 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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.50 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
30.00	SOCM 95% m, 5% o	0.148

Total Length: 30.00 ft      Total Volume: 0.148 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

