



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC

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

2020 N Bramblewood  
Wichita, KS 67206

**Theron #1-17**

Job Ticket: 63355

**DST#: 6**

ATTN: Bryan Bynog

Test Start: 2018.02.11 @ 22:35:00

## GENERAL INFORMATION:

Formation: **Upper Cherokee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:37:30

Time Test Ended: 13:21:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder

Unit No: 83

**Interval: 4814.00 ft (KB) To 4860.00 ft (KB) (TVD)**

Reference Elevations: 3413.00 ft (KB)

Total Depth: 4860.00 ft (KB) (TVD)

3405.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

**Serial #: 8017 Outside**

Press@RunDepth: 168.17 psig @ 4815.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.11

End Date:

2018.02.12

Last Calib.:

2018.02.12

Start Time: 22:35:05

End Time:

13:21:15

Time On Btm:

2018.02.12 @ 04:37:00

Time Off Btm:

2018.02.12 @ 09:42:30

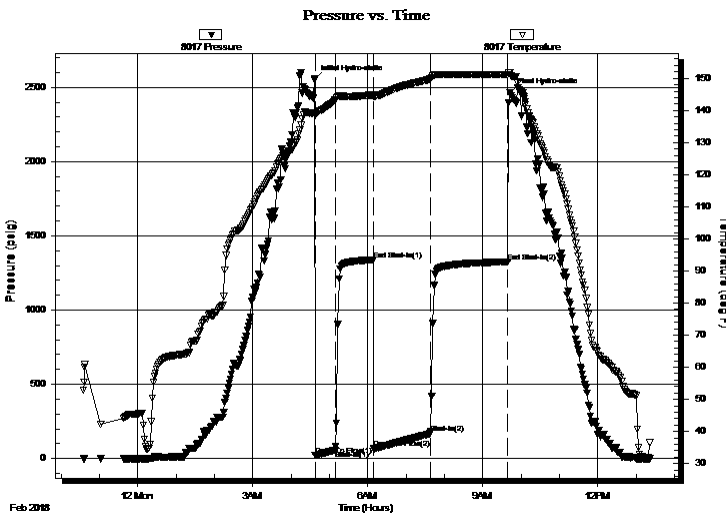
**TEST COMMENT:** 30 - IF: Blow built to 9" (Diesel in bucket)

60 - IS: Weak surface Blow back

90 - FF: Blow built to 5 1/4"

120 - FS: Weak surface blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2554.85	139.41	Initial Hydro-static
1	19.47	138.54	Open To Flow (1)
32	57.30	143.26	Shut-In(1)
92	1337.68	144.81	End Shut-In(1)
93	65.37	144.43	Open To Flow (2)
181	168.17	149.90	Shut-In(2)
302	1324.03	151.21	End Shut-In(2)
306	2465.96	151.82	Final Hydro-static

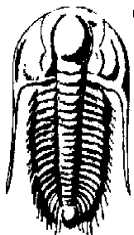
## Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM 65% <sub>m</sub> , 30% <sub>o</sub> , 5% <sub>g</sub>	0.25
350.00	CGO 85% <sub>o</sub> , 15% <sub>g</sub>	1.72
0.00	GIP = 310'	0.00

## Gas Rates

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

\* Recovery from multiple tests



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Total Depth: 4860.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 3413.00 ft (KB)

3405.00 ft (CF)

KB to GR/CF: 8.00 ft

**Serial #: 6625**

Inside

Press@RunDepth: psig @ 4815.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.02.11

End Date:

2018.02.12

Last Calib.:

2018.02.12

Start Time: 22:35:05

End Time:

13:21:45

Time On Btm:

Time Off Btm:

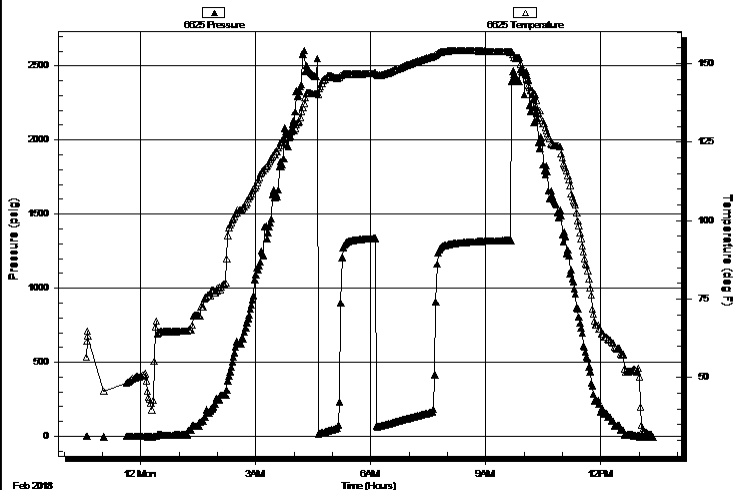
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Pressure vs. Time



## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
50.00	OCM 65%o, 30%g, 5%g	0.25
350.00	CGO 85%o, 15%g	1.72
0.00	GIP = 310'	0.00

## 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

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2020 N Bramblewood  
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**Theron #1-17**

Job Ticket: 63355

**DST#: 6**

ATTN: Bryan Bynog

Test Start: 2018.02.11 @ 22:35:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

27.8 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 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
50.00	OCM 65% <sub>m</sub> , 30% <sub>o</sub> , 5% <sub>g</sub>	0.246
350.00	CGO 85% <sub>o</sub> , 15% <sub>g</sub>	1.721
0.00	GIP = 310'	0.000

Total Length: 400.00 ft      Total Volume: 1.967 bbl

Num Fluid Samples: 0

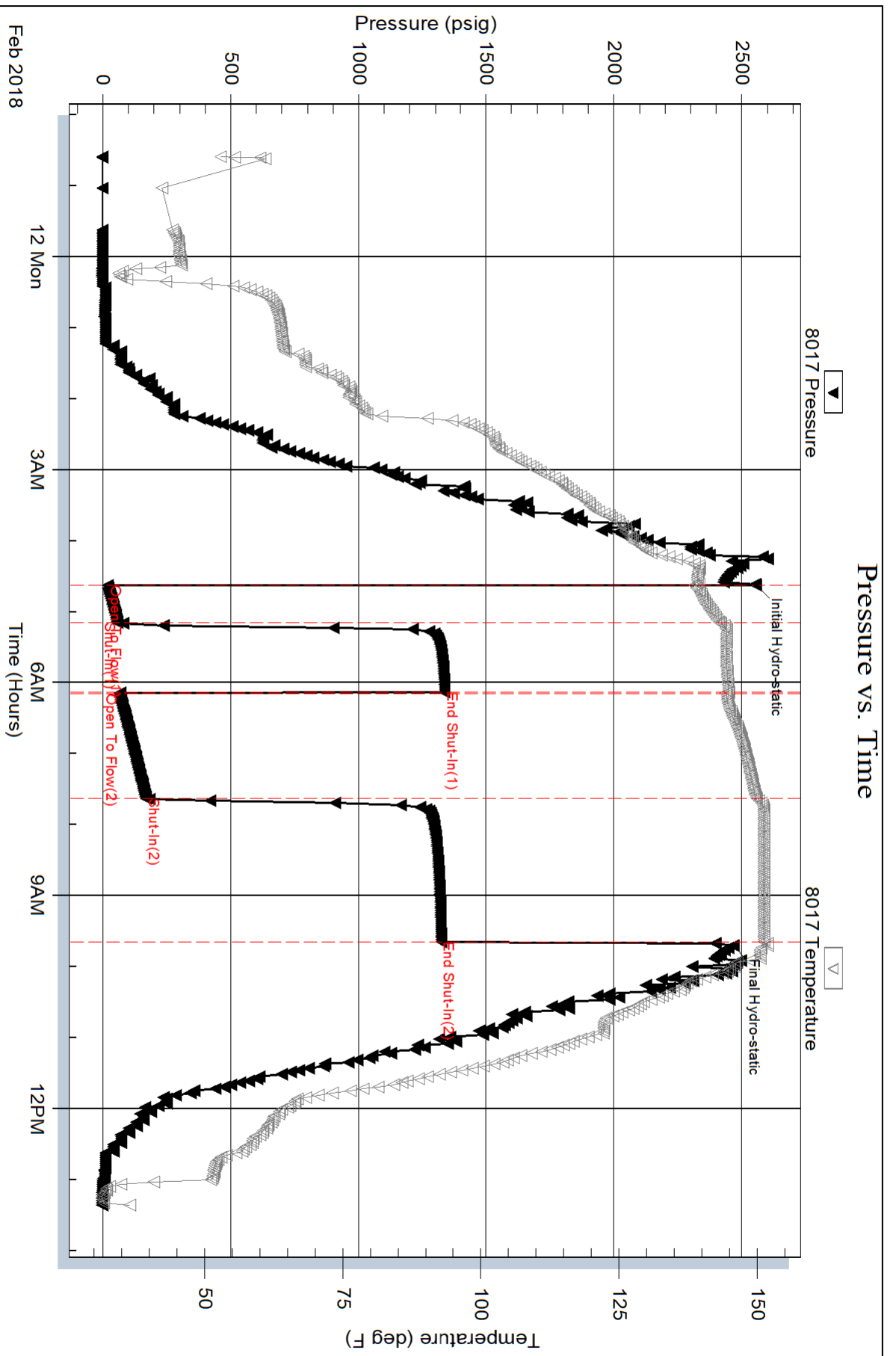
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 25 api @ 32 deg F  
Corrected Gravity = 27.8 api



Serial #: 6625

Inside

Berexco, LLC

Theron #1-17

DST Test Number: 6

