



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

8/3s/35w Rawlins KS
Pochop #1-8
 Job Ticket: 63427 **DST#: 3**
 Test Start: 2017.11.15 @ 02:34:00

GENERAL INFORMATION:

Formation: **Lans. "E"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 06:24:15 Tester: James Winder
 Time Test Ended: 13:26:45 Unit No: 83
 Interval: **4318.00 ft (KB) To 4375.00 ft (KB) (TVD)** Reference Elevations: 3250.00 ft (KB)
 Total Depth: 4375.00 ft (KB) (TVD) 3242.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

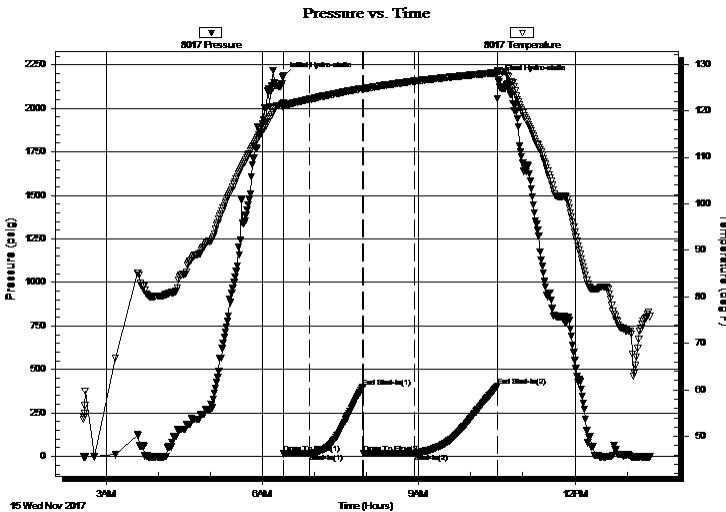
Serial #: 8017

Outside

Press@RunDepth: 20.33 psig @ 4319.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2017.11.15 End Date: 2017.11.15 Last Calib.: 2017.11.15
 Start Time: 02:34:05 End Time: 13:26:45 Time On Btm: 2017.11.15 @ 06:24:00
 Time Off Btm: 2017.11.15 @ 10:31:30

TEST COMMENT: 30 - IF: Blow built to 1/4", died back, dead at 20 min.
 60 - IS: No blow
 60 - FF: No blow
 90 - FS: No blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2184.54	121.60	Initial Hydro-static
1	16.12	120.66	Open To Flow (1)
31	18.02	122.46	Shut-In(1)
92	399.56	124.79	End Shut-In(1)
92	18.45	124.65	Open To Flow (2)
151	20.33	126.34	Shut-In(2)
247	403.33	128.19	End Shut-In(2)
248	2164.95	128.58	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud w /trace oil 100%m	0.05

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 3

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Test Start: 2017.11.15 @ 02:34:00

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: bbl

Water Loss: 7.59 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure: psig

Salinity: 3300.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	Mud w /trace oil 100%m	0.049

Total Length: 10.00 ft Total Volume: 0.049 bbl

Num Fluid Samples: 0

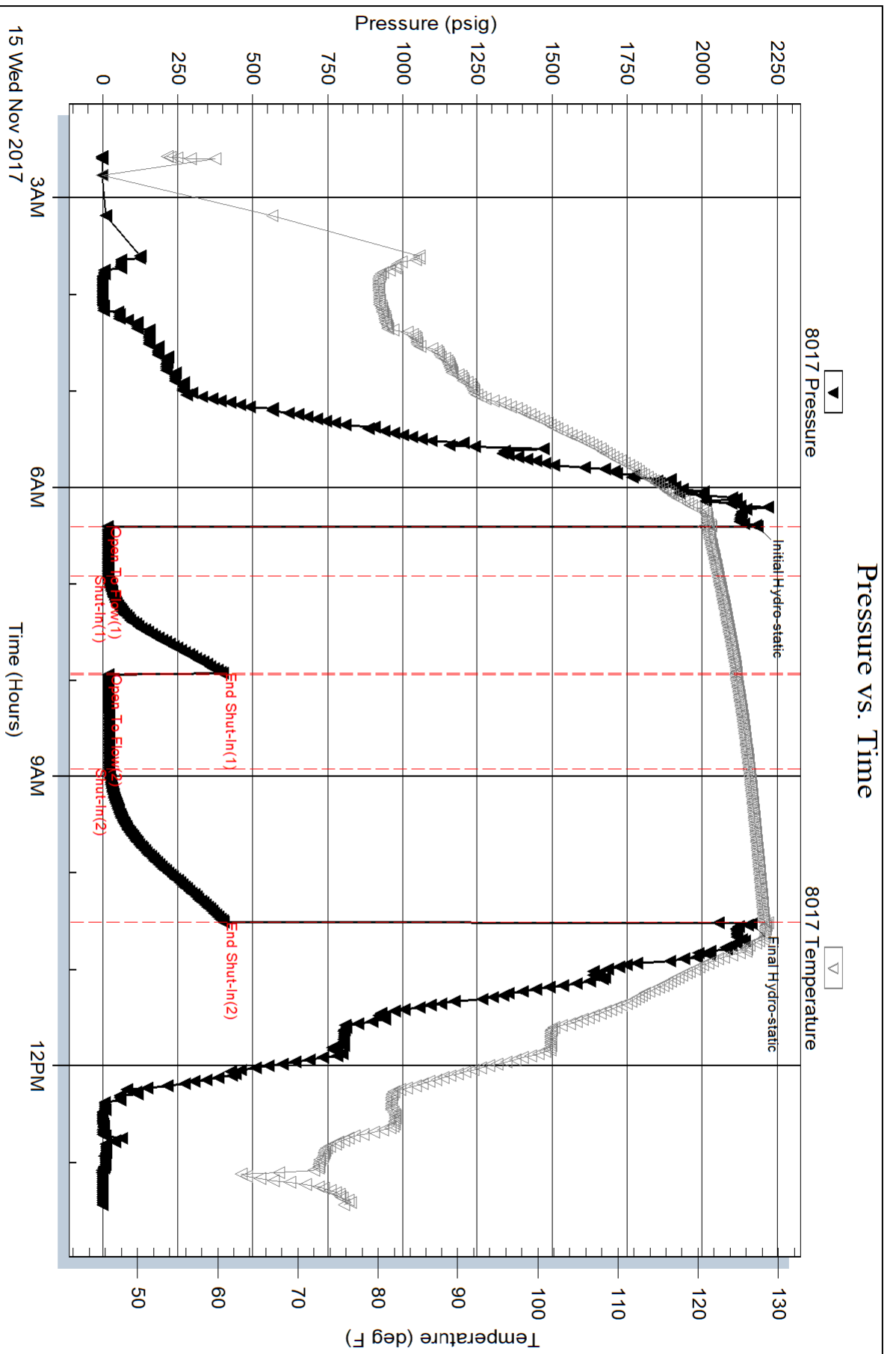
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6625

Inside

Berexco, LLC

Pochop #1-8

DST Test Number: 3

