



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

15-10s-33w Thomas Co KS

2020 N Bramblewood
Wichita KS
67206
ATTN: Bryan Bynog

MRM #2

Job Ticket: 63939

DST#: 2

Test Start: 2019.10.29 @ 19:45:15

GENERAL INFORMATION:

Formation: **A -B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:21:45

Time Test Ended: 03:58:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

Interval: 4080.00 ft (KB) To 4135.00 ft (KB) (TVD)

Reference Elevations: 3160.00 ft (KB)

Total Depth: 4135.00 ft (KB) (TVD)

3150.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 8521

Inside

Press@RunDepth: 139.29 psig @ 4120.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.10.29

End Date:

2019.10.30

Last Calib.: 2019.10.30

Start Time: 19:45:15

End Time:

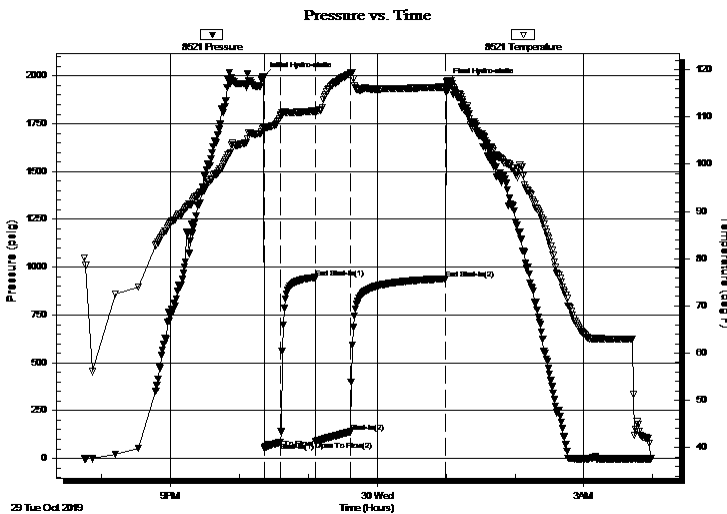
03:58:15

Time On Btm: 2019.10.29 @ 22:21:15

Time Off Btm: 2019.10.30 @ 01:00:30

TEST COMMENT: IF: Built to 7" blow
IS: No return blow
FF: Built to 11" blow
FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1994.30	107.91	Initial Hydro-static
1	52.81	107.42	Open To Flow (1)
15	84.02	110.31	Shut-In(1)
45	942.65	111.24	End Shut-In(1)
45	89.93	110.76	Open To Flow (2)
76	139.29	119.07	Shut-In(2)
159	939.33	116.36	End Shut-In(2)
160	1967.43	116.49	Final Hydro-static

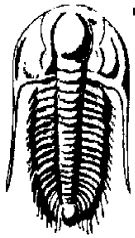
Recovery

Length (ft)	Description	Volume (bbl)
182.00	socm 2%o 98% m	2.02

Gas Rates

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

* Recovery from multiple tests



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 Job Ticket: 63939 **DST#: 2**
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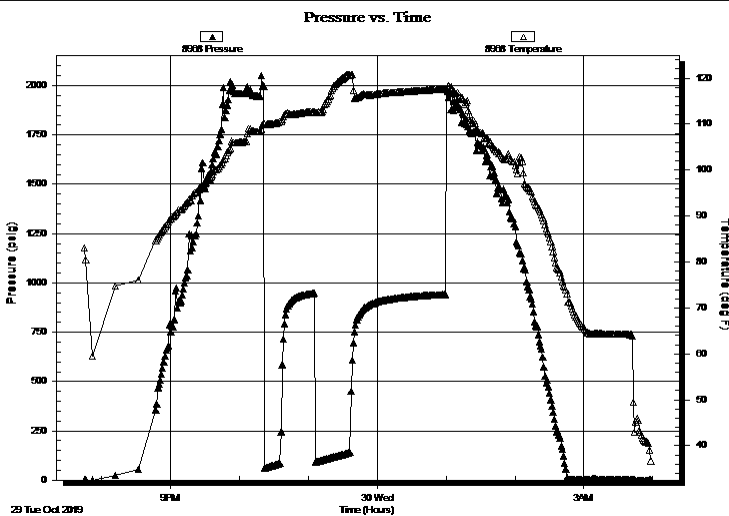
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 Time Test Ended: 03:58:15 Unit No: 81
Interval: 4080.00 ft (KB) To 4135.00 ft (KB) (TVD) Reference Elevations: 3160.00 ft (KB)
 Total Depth: 4135.00 ft (KB) (TVD) 3150.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 10.00 ft

Serial #: 8968

Outside

Press@RunDepth: psig @ 4120.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.10.29 End Date: 2019.10.30 Last Calib.: 2019.10.30
 Start Time: 19:45:15 End Time: 03:58:15 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: Built to 7" blow
 IS: No return blow
 FF: Built to 11" blow
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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
182.00	socm 2%o 98%m	2.02

* Recovery from multiple tests

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

15-10s-33w Thomas Co KS

2020 N Bramblewood
Wichita KS
67206
ATTN: Bryan Bynog

MRM #2

Job Ticket: 63939

DST#: 2

Test Start: 2019.10.29 @ 19:45:15

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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
182.00	socm 2%o 98%m	2.025

Total Length: 182.00 ft Total Volume: 2.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8521

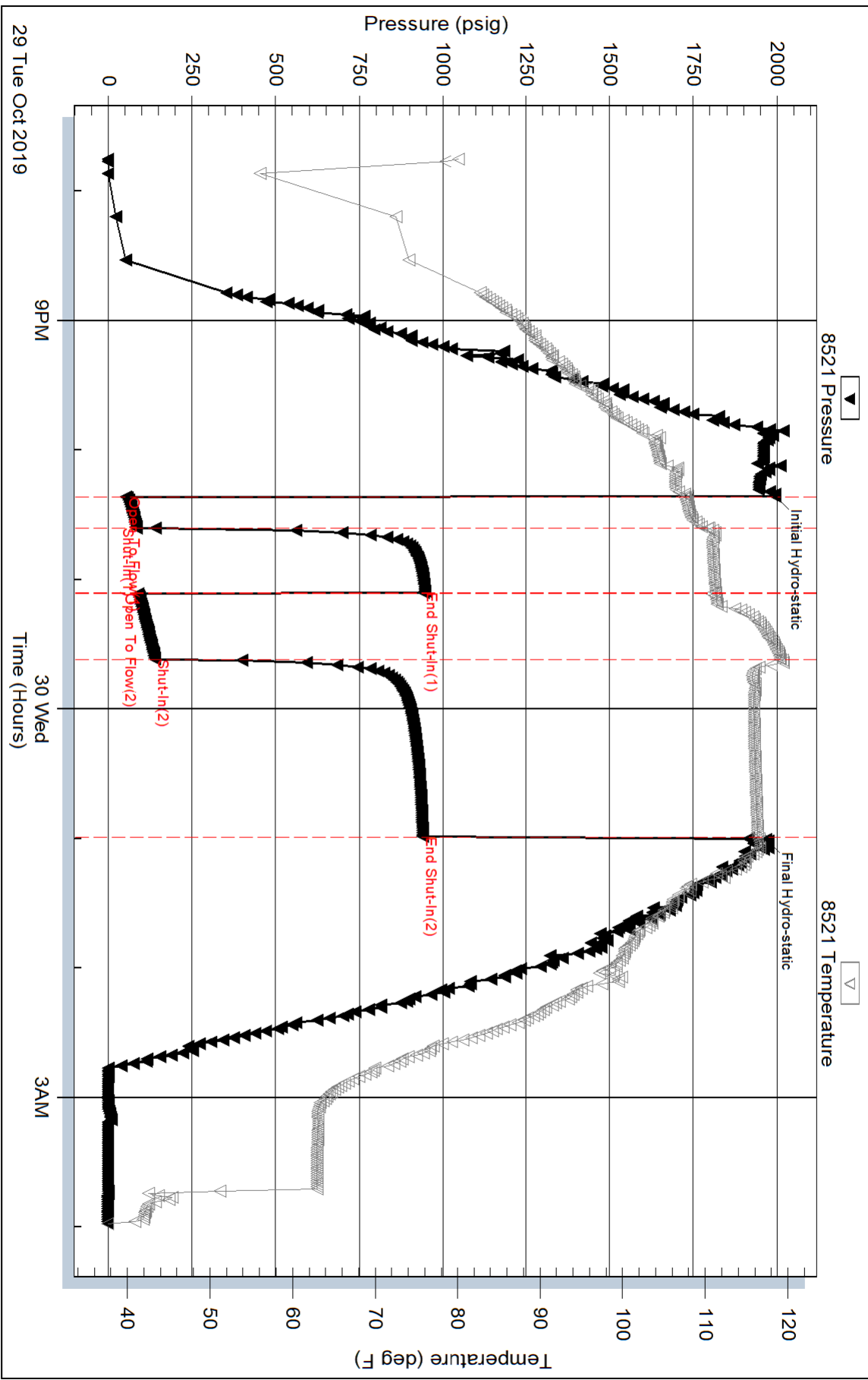
Inside

Berexco LLC

MRM#2

DST Test Number: 2

Pressure vs. Time



Serial #: 8968

Outside Berexco LLC

MRM#2

DST Test Number: 2

