

TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Triple Crown Operating LLC

3-20s-24w Ness Co.

2201 Utica Pl STE 100
Tulsa OK 74114

Lane Trust #2-3

ATTN: Sean Deenihan

Job Ticket: 64020

DST#: 2

Test Start: 2018.05.31 @ 00:09:00

GENERAL INFORMATION:

Formation: **Mississippian**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:50:40

Time Test Ended: 08:47:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Cade Gerhard

Unit No: 65

Interval: 4425.00 ft (KB) To 4445.00 ft (KB) (TVD)

Reference Elevations: 2321.00 ft (KB)

Total Depth: 4445.00 ft (KB) (TVD)

2316.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 5.00 ft

Serial #: 8653

Inside

Press@RunDepth: 154.07 psig @ 4426.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2018.05.31

End Date:

2018.05.31

Last Calib.: 2018.05.31

Start Time: 00:09:01

End Time:

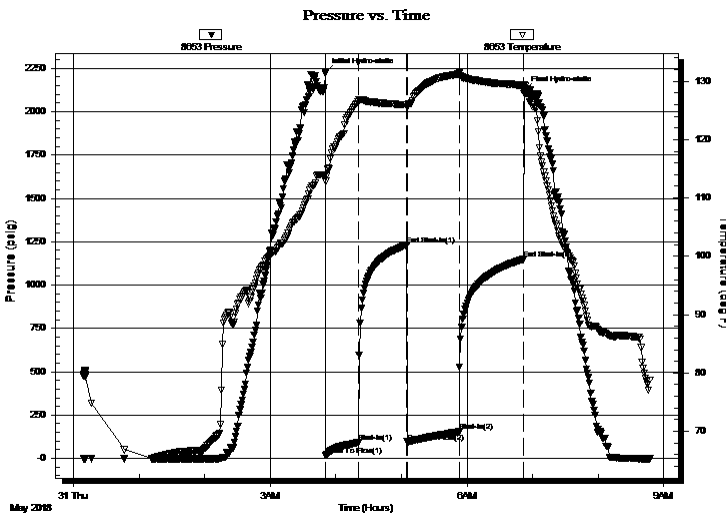
08:47:30

Time On Btm: 2018.05.31 @ 03:50:30

Time Off Btm: 2018.05.31 @ 06:52:00

TEST COMMENT: If-30- Good blow ; built to 7 1/2"
ISI-45- No Blow back
FF-45- Strong blow ; BoB in 35 min; Built 11 1/2"
FSI-60- No blow back

PRESSURE SUMMARY



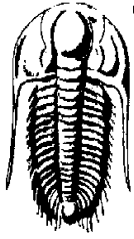
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2226.46	113.95	Initial Hydro-static
1	17.86	112.86	Open To Flow (1)
30	91.57	126.48	Shut-In(1)
75	1230.00	126.02	End Shut-In(1)
75	95.42	125.49	Open To Flow (2)
123	154.07	131.26	Shut-In(2)
182	1148.73	129.27	End Shut-In(2)
182	2120.01	129.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
180.00	MW 50%W 50%M	1.39
198.00	MCW 95%W 5%M	2.81

Gas Rates

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



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TESTING, INC.**

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FLUID SUMMARY

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Lane Trust #2-3

Job Ticket: 64020

DST#: 2

ATTN: Sean Deenihan

Test Start: 2018.05.31 @ 00:09:00

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:

10000 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.37 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
180.00	MW 50%W 50%M	1.385
198.00	MCW 95%W 5%M	2.807

Total Length: 378.00 ft

Total Volume: 4.192 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: LCM-1#

Resistivity- .52 @ 85 deg

Serial #: 8653

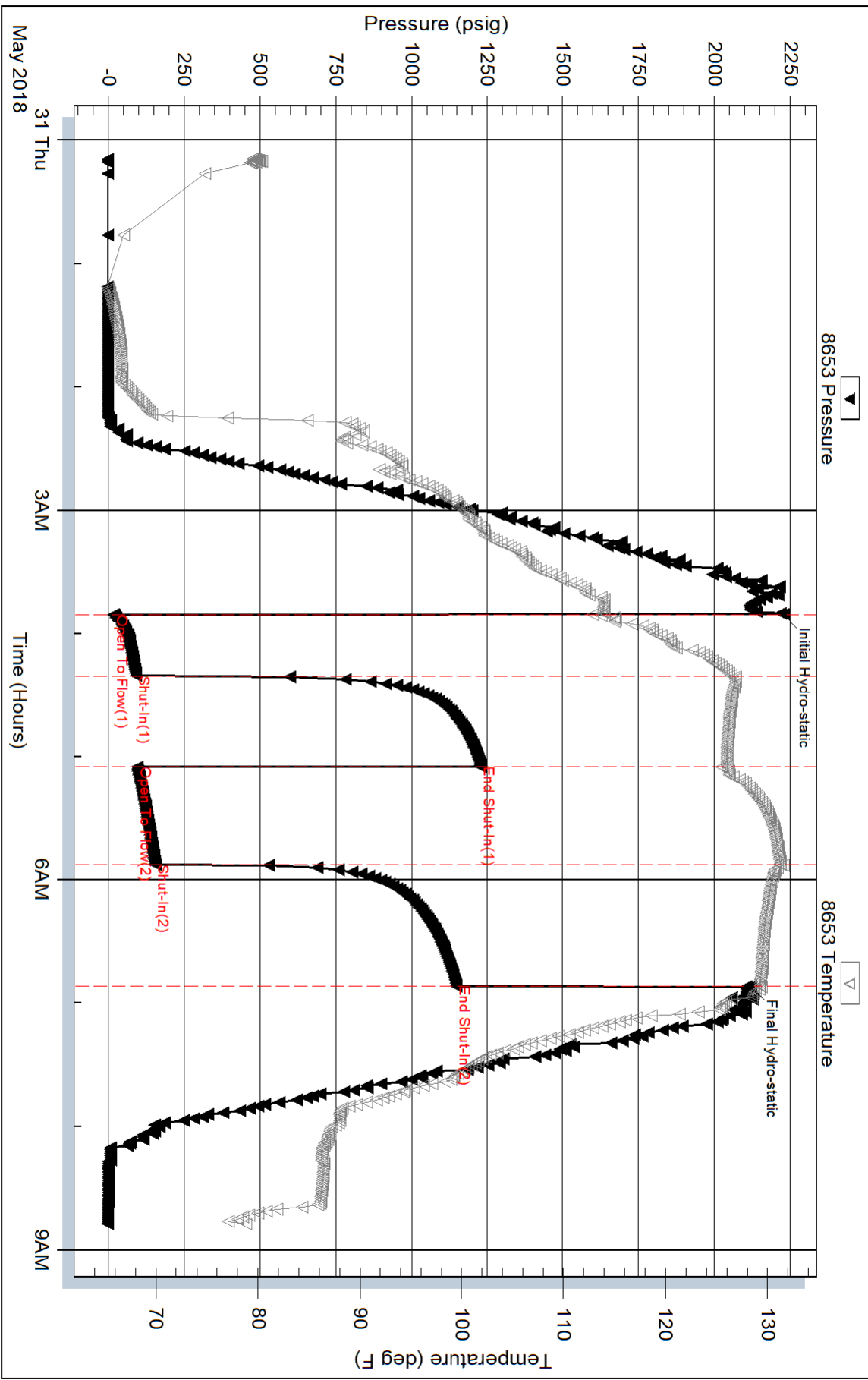
Inside

Triple Crown Operating LLC

Lane Trust#2-3

DST Test Number: 2

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64020

Printed: 2018.05.31 @ 09:28:22

