



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Mull Drilling Company Inc.
1700 N Waterfront Pkw y
Bldg 1200
Wichita KS 67205
ATTN: Phil Askey

34-15s-26w Gove Co KS

Muchmore-Thornburg

Job Ticket: 63935 **DST#: 2**

Test Start: 2019.10.15 @ 21:09:15

GENERAL INFORMATION:

Formation: **Miss**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened:
 Tester: Mike Roberts
 Time Test Ended: 02:52:45
 Unit No: 81
 Interval: **4382.00 ft (KB) To 4479.00 ft (KB) (TVD)**
 Reference Elevations: 2563.00 ft (KB)
 Total Depth: 4479.00 ft (KB) (TVD)
 2558.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Fair
 KB to GR/CF: 5.00 ft

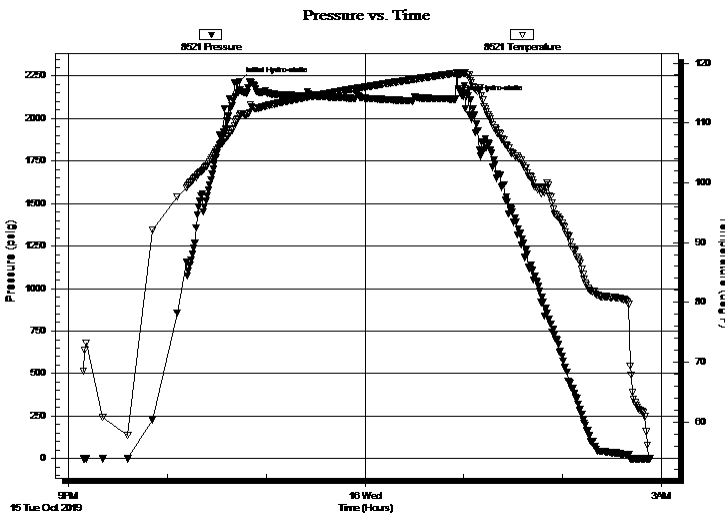
Serial #: 8521

Inside

Press@RunDepth: psig @ 4454.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.10.15 End Date: 2019.10.16 Last Calib.: 2019.10.16
 Start Time: 21:09:15 End Time: 02:52:45 Time On Btm: 2019.10.15 @ 22:43:45
 Time Off Btm: 2019.10.16 @ 00:55:00

TEST COMMENT: IF: Built to weak surface blow - tool didn't open
 IS: No return blow
 FF: Built to weak surface blow
 FS: No return blow

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2217.25	111.20	Initial Hydro-static
132	2113.57	118.30	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% m	0.03

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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ATTN: Phil Askey

Muchmore-Thornburg

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DST#: 2

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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: 76.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.37 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
2.00	mud 100% m	0.028

Total Length: 2.00 ft Total Volume: 0.028 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Tool didnt open

Serial #: 8521

Inside

Mull Drilling Company Inc.

Muchmore-Thornburg

DST Test Number: 2

