



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Woolsey Operating Co
 125 N Market Ste 1000
 Wichita, KS 67202
 ATTN: Bill Klaver

6-31S-14W Barber

Bibb 1

Job Ticket: 65880

DST#: 1

Test Start: 2019.07.02 @ 07:30:00

GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:43:47

Time Test Ended: 14:26:02

Test Type: Conventional Bottom Hole (Initial)

Tester: Leal Cason

Unit No: 74

Interval: 3664.00 ft (KB) To 3736.00 ft (KB) (TVD)

Total Depth: 3736.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 1742.00 ft (KB)

1729.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 8672 Inside

Press@RunDepth: 54.67 psig @ 3665.00 ft (KB)

Start Date: 2019.07.02

End Date: 2019.07.02

Start Time: 07:30:01

End Time: 14:26:02

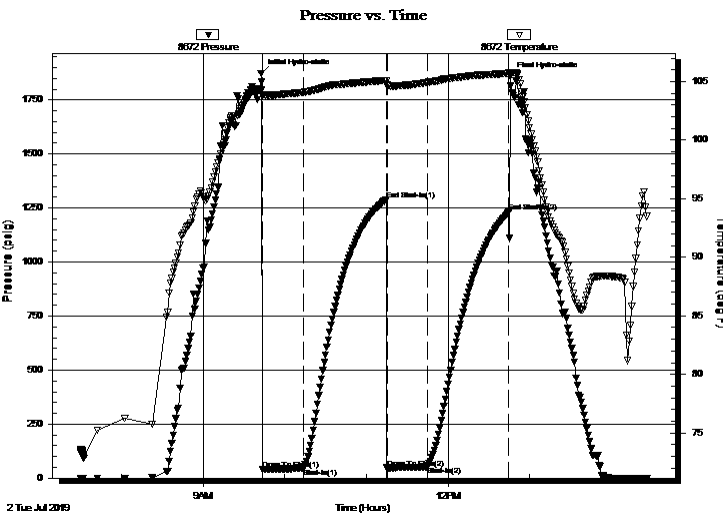
Capacity: psig

Last Calib.: 2019.07.02

Time On Btm: 2019.07.02 @ 09:42:32

Time Off Btm: 2019.07.02 @ 12:45:32

TEST COMMENT: IF: Weak Blow, Built to 3/4 inch, Then Began Dying Off
 IS: No Blow Back
 FF: Weak Blow, Built to 1/2 inch, Died Off By 30 minutes
 FS: No Blow Back



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1872.86	104.24	Initial Hydro-static
2	39.02	103.80	Open To Flow (1)
32	45.80	104.07	Shut-In(1)
92	1288.31	105.04	End Shut-In(1)
93	46.85	104.72	Open To Flow (2)
123	54.67	104.91	Shut-In(2)
183	1230.66	105.71	End Shut-In(2)
183	1859.81	105.76	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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



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1729.00 ft (CF)

KB to GR/CF: 13.00 ft

Serial #: 6751 Outside

Press@RunDepth: psig @ 3665.00 ft (KB)

Capacity: psig

Start Date: 2019.07.02 End Date: 2019.07.02

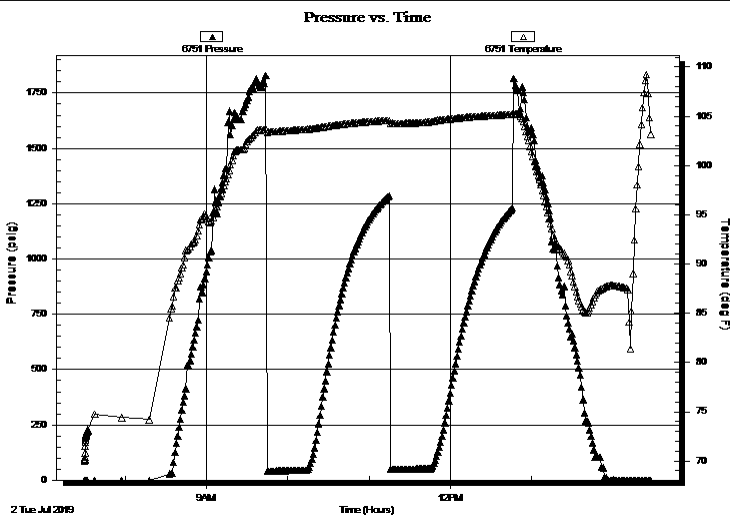
Last Calib.: 2019.07.02

Start Time: 07:30:01 End Time: 14:28:02

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak Blow , Built to 3/4 inch, Then Began Dying Off
IS: No Blow Back
FF: Weak Blow , Built to 1/2 inch, Died Off By 30 minutes
FS: No Blow Back



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud	0.02

Gas Rates

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



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TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Woolsey Operating Co
125 N Market Ste 1000
Wichita, KS 67202
ATTN: Bill Klaver

6-31S-14W Barber
Bibb 1
Job Ticket: 65880 **DST#: 1**
Test Start: 2019.07.02 @ 07:30:00

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: 51.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.99 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 7000.00 ppm			
Filter Cake: 0.02 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

