



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

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

15-10s-33w Thomas Co KS

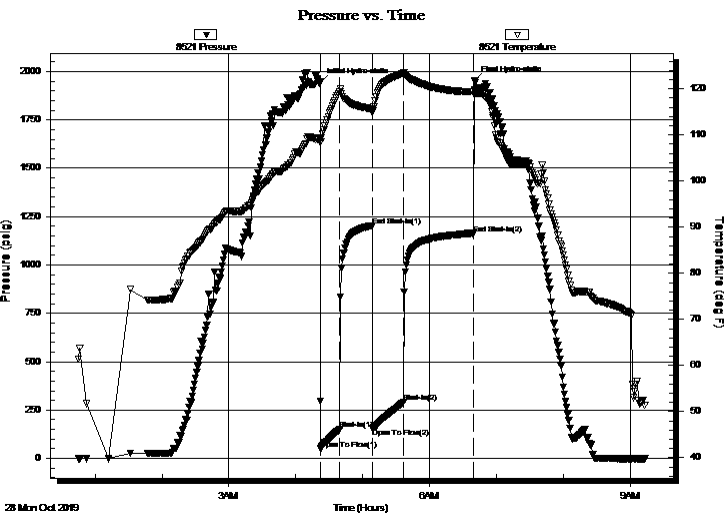
MRM #2
 Job Ticket: 63938 **DST#: 1**
 Test Start: 2019.10.28 @ 00:45:15

GENERAL INFORMATION:

Formation: **Plattsmouth-Toronto**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 04:22:30
 Time Test Ended: 09:13:30
 Interval: **4030.00 ft (KB) To 4080.00 ft (KB) (TVD)**
 Total Depth: 4080.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Mike Roberts
 Unit No: 81
 Reference Elevations: 3160.00 ft (KB)
 3150.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8521 Inside
 Press@RunDepth: 288.78 psig @ 4065.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.10.28 End Date: 2019.10.28 Last Calib.: 2019.10.29
 Start Time: 00:45:15 End Time: 09:13:30 Time On Btm: 2019.10.28 @ 04:22:00
 Time Off Btm: 2019.10.28 @ 06:40:45

TEST COMMENT: IF:BOB in 9 min Built to 17" blow
 IS:No return blow
 FF:BOB in 8 min Built to 22 3/4" blow
 FS:No return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1944.63	109.07	Initial Hydro-static
1	49.11	108.57	Open To Flow (1)
18	149.82	119.47	Shut-In(1)
47	1203.31	115.58	End Shut-In(1)
47	156.62	114.86	Open To Flow (2)
75	288.78	123.31	Shut-In(2)
138	1159.22	119.41	End Shut-In(2)
139	1953.04	119.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	wcm 10%w 90%m	3.82
248.00	mcsw 10%m 90%sw	3.48

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

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

15-10s-33w Thomas Co KS

MRM #2
Job Ticket: 63938 **DST#: 1**
Test Start: 2019.10.28 @ 00:45:15

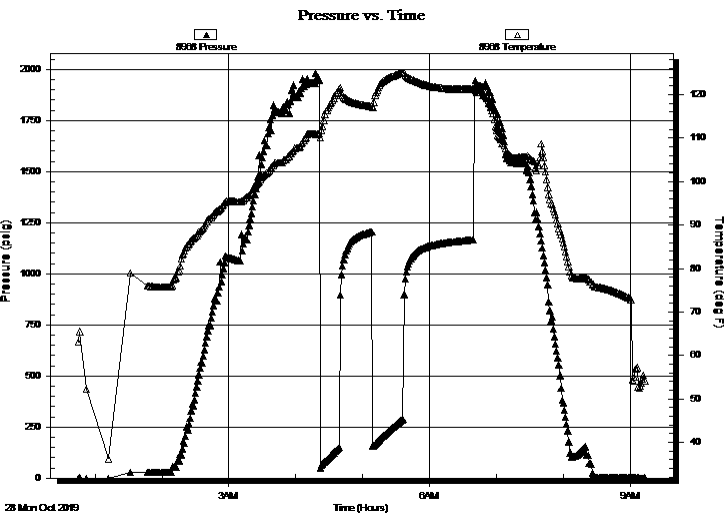
GENERAL INFORMATION:

Formation: **Plattsmouth-Toronto**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 04:22:30
Time Test Ended: 09:13:30
Interval: **4030.00 ft (KB) To 4080.00 ft (KB) (TVD)**
Total Depth: 4080.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair
Test Type: Conventional Bottom Hole (Initial)
Tester: Mike Roberts
Unit No: 81
Reference Elevations: 3160.00 ft (KB)
3150.00 ft (CF)
KB to GR/CF: 10.00 ft

Serial #: 8968

Press@RunDepth: psig @ ft (KB) Capacity: 8000.00 psig
Start Date: 2019.10.28 End Date: 2019.10.28 Last Calib.: 2019.10.29
Start Time: 00:45:15 End Time: 09:13:30 Time On Btm:
Time Off Btm:

TEST COMMENT: IF:BOB in 9 min Built to 17" blow
IS:No return blow
FF:BOB in 8 min Built to 22 3/4" blow
FS:No return blow



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
310.00	wcm 10%w 90%m	3.82
248.00	mcsw 10%m 90%sw	3.48

Gas Rates

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



**TRILOBITE
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: 63938

DST#: 1

Test Start: 2019.10.28 @ 00:45:15

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:

34000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.00 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
310.00	wcm 10%w 90%m	3.820
248.00	mcsw 10%m 90%sw	3.479

Total Length: 558.00 ft Total Volume: 7.299 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW= .289@45.8= 34,000 ppm

Pressure vs. Time

