



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC

15 10s 33w Thomas, Ks

2020 N Bramblewood
Wichita, Ks 67206

MRM #1

Job Ticket: 64814

DST#: 2

ATTN: Bryan Bynog

Test Start: 2019.09.28 @ 04:55:00

GENERAL INFORMATION:

Formation: **Toronto - LKC- A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:02:15

Time Test Ended: 14:47:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4032.00 ft (KB) To 4100.00 ft (KB) (TVD)

Reference Elevations: 3156.00 ft (KB)

Total Depth: 4100.00 ft (KB) (TVD)

3148.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 8.00 ft

Serial #: 8522 Inside

Press@RunDepth: 493.78 psig @ 4033.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.09.28 End Date: 2019.09.28

Last Calib.: 2019.09.28

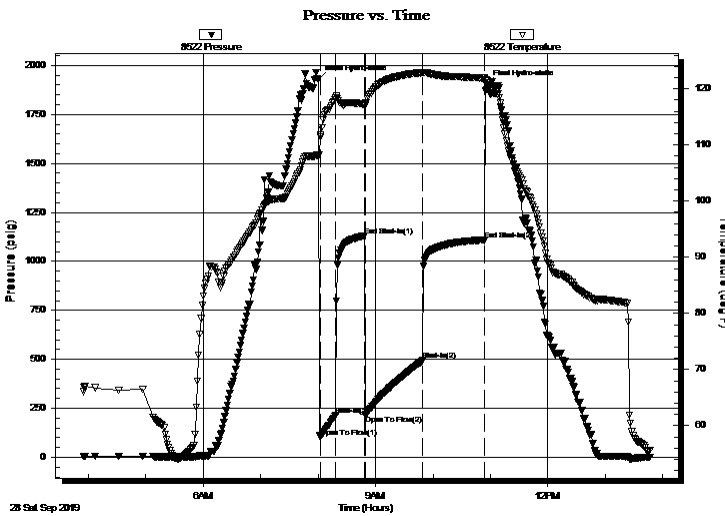
Start Time: 03:55:05 End Time: 13:47:00

Time On Btm: 2019.09.28 @ 08:00:45

Time Off Btm: 2019.09.28 @ 10:55:45

TEST COMMENT: 15- IF: BOB @ 3.5 min. built to 25".
30- IS: 1/2" return.
60- FF: BOB @ 3.5 min. built to 102".
60- FSI: 3.5" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1925.45	108.19	Initial Hydro-static
2	102.05	111.40	Open To Flow (1)
18	213.32	118.35	Shut-In(1)
48	1131.55	117.23	End Shut-In(1)
49	213.77	117.18	Open To Flow (2)
109	493.78	122.87	Shut-In(2)
173	1109.78	121.88	End Shut-In(2)
175	1900.44	121.52	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
230.00	somcw 1o 4m 95w	2.71
330.00	gw mco 30g 20m 20w 30o	4.63
540.00	go 35g 65o	7.57
0.00	150' GIP	0.00

* Recovery from multiple tests

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, Ks

2020 N Bramblewood
Wichita, Ks 67206

MRM #1

Job Ticket: 64814

DST#: 2

ATTN: Bryan Bynog

Test Start: 2019.09.28 @ 04:55:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

26000 ppm

Viscosity: 65.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3200.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
230.00	somcw 1o 4m 95w	2.707
330.00	gw mco 30g 20m 20w 30o	4.629
540.00	go 35g 65o	7.575
0.00	150' GIP	0.000

Total Length: 1100.00 ft Total Volume: 14.911 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .303 @ 60f = 26000ppm

Pressure vs. Time

