



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

15 10s 33w Thomas, Ks

2020 N Bramblewood
Wichita, Ks 67206

MRM #1

Job Ticket: 64813

DST#: 1

ATTN: Bryan Bynog

Test Start: 2019.09.27 @ 10:25:00

GENERAL INFORMATION:

Formation: **Lower Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:04:15

Time Test Ended: 19:30:45

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 78

Interval: 3991.00 ft (KB) To 4061.00 ft (KB) (TVD)

Reference Elevations: 3156.00 ft (KB)

Total Depth: 4061.00 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: 973.86 psig @ 3992.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.09.27

End Date:

2019.09.27

Last Calib.:

2019.09.27

Start Time: 10:25:05

End Time:

19:30:45

Time On Btm:

2019.09.27 @ 14:03:30

Time Off Btm:

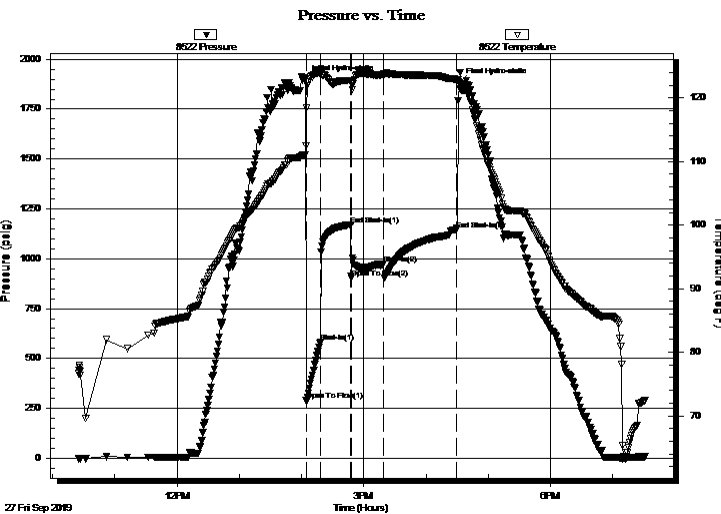
2019.09.27 @ 16:31:45

TEST COMMENT: 15- IF: BOB @ 1 1/2 min. built to 130"

30- IS: No return.

30- FF: BOB @ 3 min. built to 112".

60- FSI: 26" return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1897.72	111.03	Initial Hydro-static
1	290.38	112.46	Open To Flow (1)
15	582.37	123.92	Shut-In(1)
44	1170.79	122.73	End Shut-In(1)
45	903.10	122.43	Open To Flow (2)
76	973.86	123.72	Shut-In(2)
146	1146.42	122.82	End Shut-In(2)
149	1881.09	122.28	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2370.00	somcw 1o 2m 97w	32.70
30.00	oil 100o	0.42

Gas Rates

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



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FLUID SUMMARY

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Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

36 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

32000 ppm

Viscosity: 66.00 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
2370.00	somcw 1o 2m97w	32.698
30.00	oil 100o	0.421

Total Length: 2400.00 ft Total Volume: 33.119 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .188 @ 78f = 3200

Pressure vs. Time

