



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

15 10s 33w Thomas, Ks

2020 N Bramblewood
Wichita, Ks 67206

MRM #1

Job Ticket: 64817

DST#: 5

ATTN: Bryan Bynog

Test Start: 2019.09.30 @ 17:20:00

GENERAL INFORMATION:

Formation: **LKC- H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:25:45

Time Test Ended: 04:15:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 78

Interval: 4205.00 ft (KB) To 4245.00 ft (KB) (TVD)

Reference Elevations: 3156.00 ft (KB)

Total Depth: 4245.00 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: 854.70 psig @ 4206.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.09.30

End Date:

2019.10.01

Last Calib.: 2019.10.01

Start Time: 17:20:05

End Time:

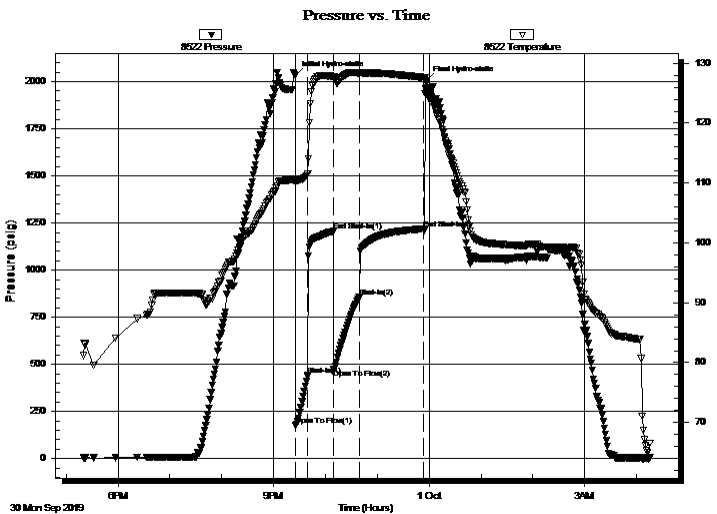
04:15:15

Time On Btm: 2019.09.30 @ 21:25:15

Time Off Btm: 2019.09.30 @ 23:56:15

TEST COMMENT: 15- IF: BOB @ 1 min. built to 130".
30- IS: BOB @ 10 min. built to 20".
30- FF: BOB @ 1 min. built to 211"
60 FSI: 8" return.

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2030.84	110.43	Initial Hydro-static
1	174.52	110.23	Open To Flow (1)
15	443.23	111.61	Shut-In(1)
44	1206.05	127.76	End Shut-In(1)
45	472.10	127.72	Open To Flow (2)
74	854.70	128.32	Shut-In(2)
148	1219.29	127.62	End Shut-In(2)
151	2003.59	125.73	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	gmw co 40g 20m 15w 25o	1.14
2180.00	go 30g 70o	30.58
0.00	260' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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DST#: 5

ATTN: Bryan Bynog

Test Start: 2019.09.30 @ 17:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	gmw co 40g 20m 15w 25o	1.137
2180.00	go 30g 70o	30.580
0.00	260' GIP	0.000

Total Length: 2300.00 ft Total Volume: 31.717 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8522

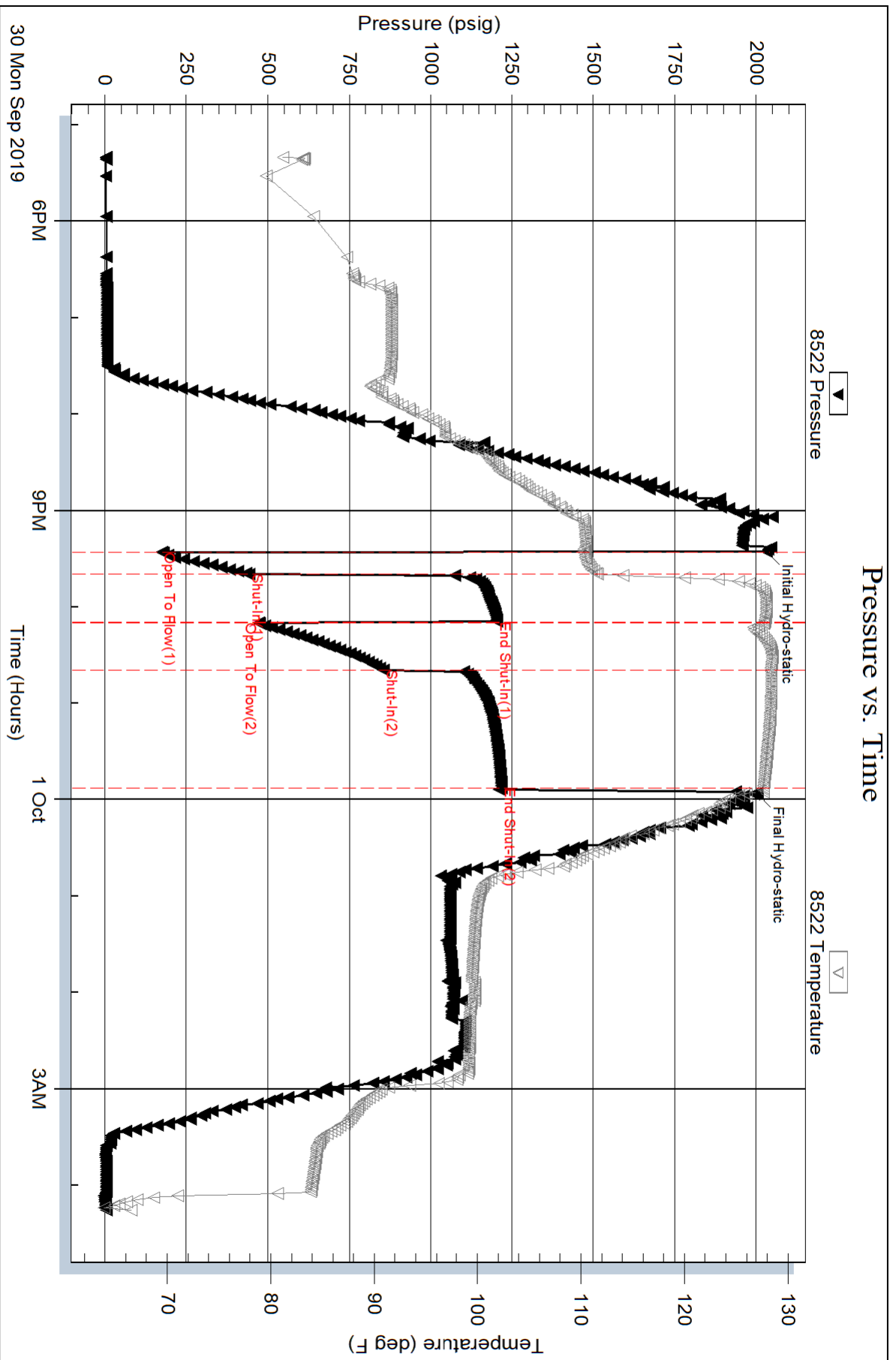
Inside

Berexco, LLC

MRM#1

DST Test Number: 5

Pressure vs. Time



Triobite Testing, Inc

Ref. No: 64817

Printed: 2019.10.01 @ 07:43:14

