



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Berexco, LLC

9/4s/27w Decatur KS

2020 N Bramblewood
Wichita, KS 67206

Petracek #7

Job Ticket: 65351

DST#: 4

ATTN: Bryan Bynog

Test Start: 2019.03.14 @ 22:50:00

GENERAL INFORMATION:

Formation: **LKC H - J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:21:00

Time Test Ended: 07:29:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder/ Shawn

Unit No: 83

Interval: 3655.00 ft (KB) To 3730.00 ft (KB) (TVD)

Reference Elevations: 2668.00 ft (KB)

Total Depth: 3730.00 ft (KB) (TVD)

2660.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 28.74 psig @ 3656.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.03.14

End Date:

2019.03.15

Last Calib.:

2019.03.15

Start Time:

22:50:05

End Time:

07:29:15

Time On Btm:

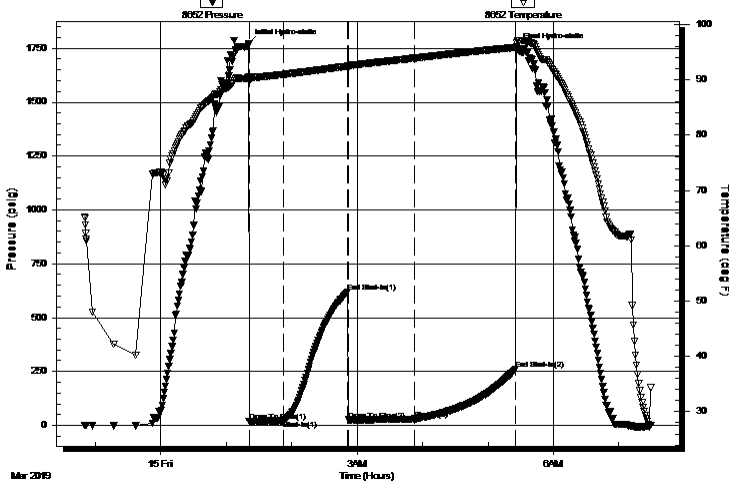
2019.03.15 @ 01:20:45

Time Off Btm:

2019.03.15 @ 05:26:15

TEST COMMENT: 30 IF 1/4"blow at open. Built to 1 1/4"
60 ISI no blow back
60 FF weak blow built to 1/8".
90 FSI no blow back.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.84	90.49	Initial Hydro-static
1	18.38	89.72	Open To Flow (1)
32	21.66	90.98	Shut-In(1)
91	619.90	92.48	End Shut-In(1)
92	25.23	92.28	Open To Flow (2)
152	28.74	93.92	Shut-In(2)
245	260.01	95.85	End Shut-In(2)
246	1755.46	96.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	SOCM 92% m, 8% o,	0.22

* Recovery from multiple tests

Gas Rates

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



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FLUID SUMMARY

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Job Ticket: 65351

DST#: 4

ATTN: Bryan Bynog

Test Start: 2019.03.14 @ 22:50:00

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: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1700.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	SOCM 92% m, 8% o,	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

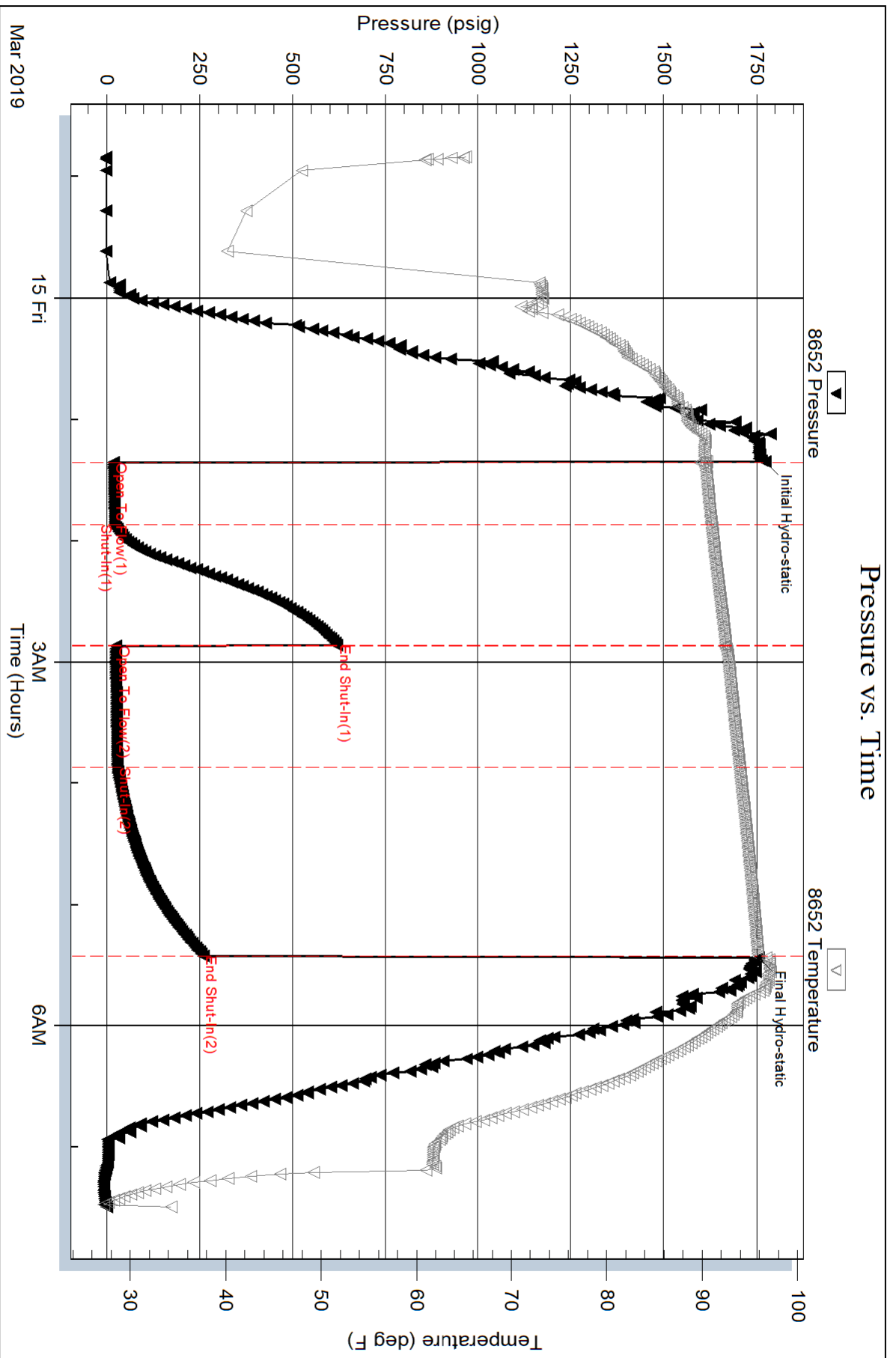
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 6625

Inside

Berexco, LLC

Retracek #7

DST Test Number: 4

