



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

12/25/37W Cheyenne KS

2020 N Bramblewood
Wichita KS 67206

Bud #1-12

Job Ticket: 65360

DST#: 3

ATTN: Bryan Bynog

Test Start: 2019.04.16 @ 21:09:00

GENERAL INFORMATION:

Formation: **LKC "C"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:57:45

Time Test Ended: 07:34:15

Test Type: Conventional Bottom Hole (Reset)

Tester: James Winder/Shaw n W

Unit No: 83

Interval: 4398.00 ft (KB) To 4460.00 ft (KB) (TVD)

Reference Elevations: 3397.00 ft (KB)

Total Depth: 4460.00 ft (KB) (TVD)

3389.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 336.42 psig @ 4399.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.04.16

End Date:

2019.04.17

Last Calib.:

2019.04.17

Start Time:

21:09:05

End Time:

07:34:15

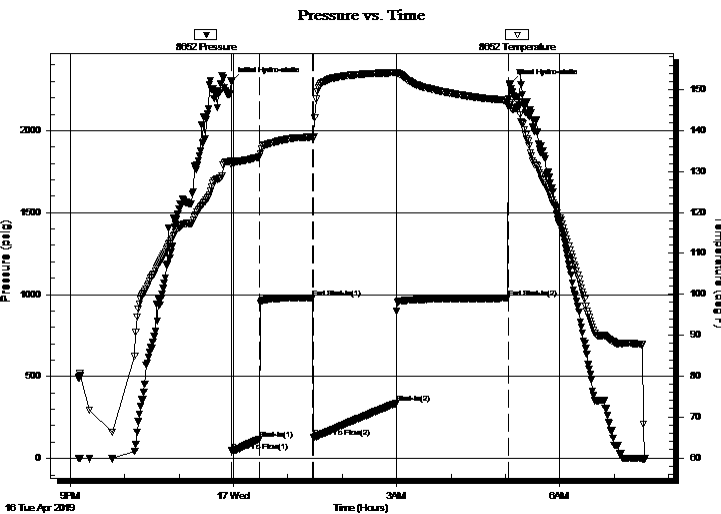
Time On Btm:

2019.04.16 @ 23:57:30

Time Off Btm:

2019.04.17 @ 05:05:00

TEST COMMENT: 30-IF-1" Blow at open, built to BOB (11") at 19 1/2 min, built to 15 1/2"
60-ISI-No blow back
90-FF-Blow built to BOB at 28 min, built to 40 1/4"
120-FSI-No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2295.70	132.53	Initial Hydro-static
1	47.02	131.65	Open To Flow (1)
31	118.23	133.59	Shut-In(1)
90	979.63	138.51	End Shut-In(1)
91	128.94	138.25	Open To Flow (2)
182	336.42	154.13	Shut-In(2)
306	976.69	147.41	End Shut-In(2)
308	2283.94	146.35	Final Hydro-static

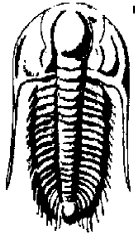
Recovery

Length (ft)	Description	Volume (bbl)
625.00	SMCW 97%W, 3%M	8.20
95.00	MCW 73%W, 27%M	1.33

Gas Rates

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

* Recovery from multiple tests



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Wichita KS 67206
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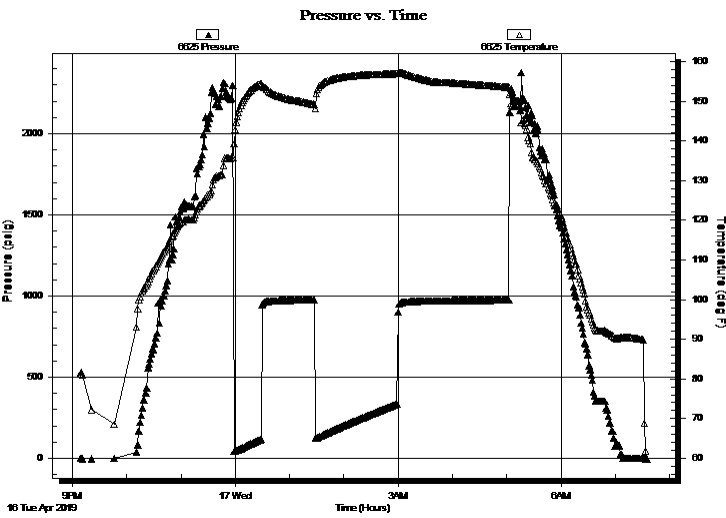
12/25/37W Cheyenne KS
Bud #1-12
Job Ticket: 65360 **DST#: 3**
Test Start: 2019.04.16 @ 21:09:00

GENERAL INFORMATION:

Formation: **LKC "C"**
Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Reset)
Time Tool Opened: 23:57:45 Tester: James Winder/Shaw n W
Time Test Ended: 07:34:15 Unit No: 83
Interval: 4398.00 ft (KB) To 4460.00 ft (KB) (TVD) Reference Elevations: 3397.00 ft (KB)
Total Depth: 4460.00 ft (KB) (TVD) 3389.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 8.00 ft

Serial #: 6625 Inside
Press@RunDepth: psig @ 4399.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2019.04.16 End Date: 2019.04.17 Last Calib.: 2019.04.17
Start Time: 21:09:05 End Time: 07:34:45 Time On Btm:
Time Off Btm:

TEST COMMENT: 30-IF-1" Blow at open, built to BOB (11") at 19 1/2 min, built to 15 1/2"
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PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
625.00	SMCW 97%W, 3%M	8.20
95.00	MCW 73%W, 27%M	1.33

Gas Rates

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

* Recovery from multiple tests



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FLUID SUMMARY

Berexco LLC

12/25/37W Cheyenne KS

2020 N Bramblewood
Wichita KS 67206

Bud #1-12

Job Ticket: 65360

DST#: 3

ATTN: Bryan Bynog

Test Start: 2019.04.16 @ 21:09:00

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:

18000 ppm

Viscosity: 69.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
625.00	SMCW 97%W, 3%M	8.202
95.00	MCW 73%W, 27%M	1.333

Total Length: 720.00 ft Total Volume: 9.535 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

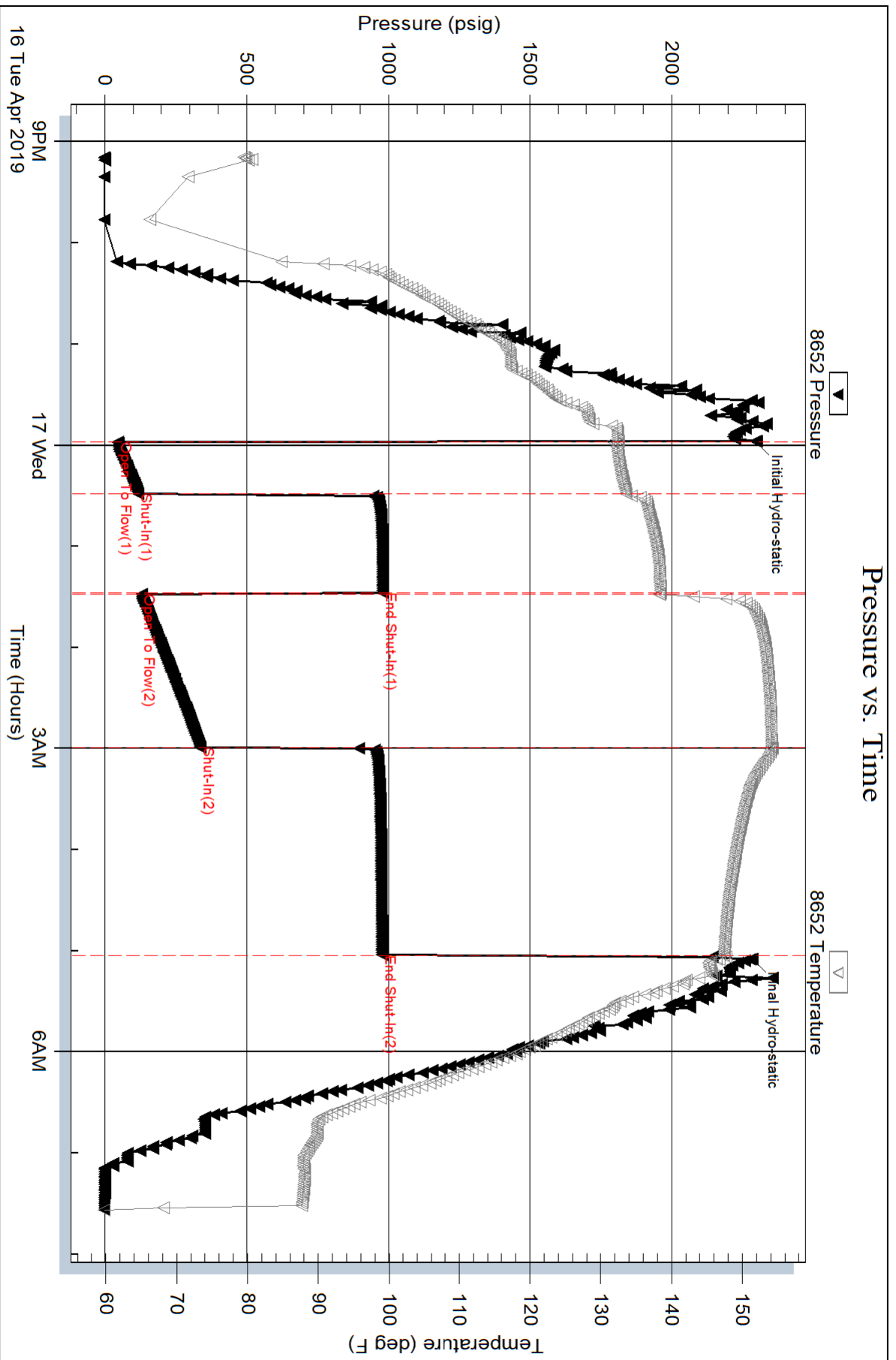
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW .539@ 49.6 deg F Chlorides 18000 PPM

Pressure vs. Time



Serial #: 6625

Inside

Berexco LLC

Bud #1-12

DST Test Number: 3

