



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco LLC

22-30s-33w Haskell, KS

2020 N Bramblewood
Wichita, KS 67206

Risa 1-22

Job Ticket: 66067

DST#: 1

ATTN:

Test Start: 2019.11.16 @ 10:00:08

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:12:38

Time Test Ended: 20:09:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: **4162.00 ft (KB) To 4182.00 ft (KB) (TVD)**

Reference Elevations: ft (KB)

Total Depth: 4182.00 ft (KB) (TVD)

ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: ft

Serial #: 8674 Outside

Press@RunDepth: 56.34 psig @ 4163.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2019.11.16

End Date:

2019.11.16

Last Calib.:

2019.11.16

Start Time: 10:00:13

End Time:

20:09:38

Time On Btm:

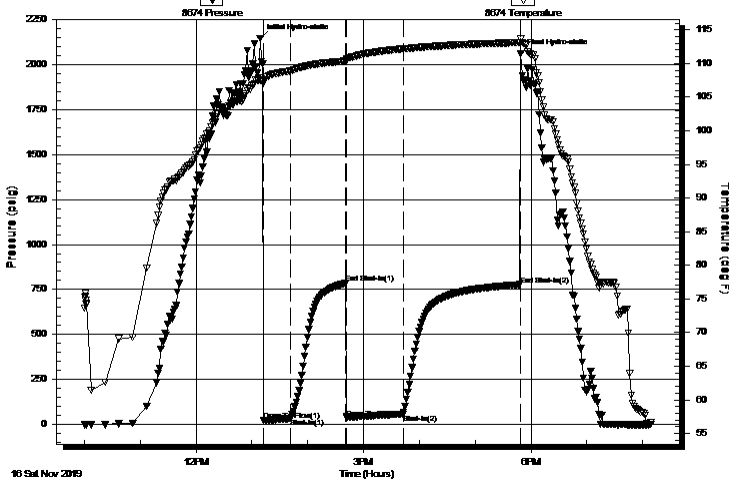
2019.11.16 @ 13:08:38

Time Off Btm:

2019.11.16 @ 17:49:08

TEST COMMENT: IF: BOB in 2 mins. 40 3/4
IS: No return.
FF: BOB in 1 min. 57 1/2
FS: Surface blow built to 1.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2144.48	107.48	Initial Hydro-static
4	21.50	106.95	Open To Flow (1)
33	34.02	108.91	Shut-In(1)
92	783.54	110.35	End Shut-In(1)
94	36.79	110.65	Open To Flow (2)
154	56.34	112.19	Shut-In(2)
280	777.21	113.11	End Shut-In(2)
281	2060.00	113.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
93.00	gocw m 20%g 5%o 5%w 70%m	1.30
10.00	gocm 10%g 10%o 80%m	0.14
0.00	1199 GIP	0.00

Gas Rates

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



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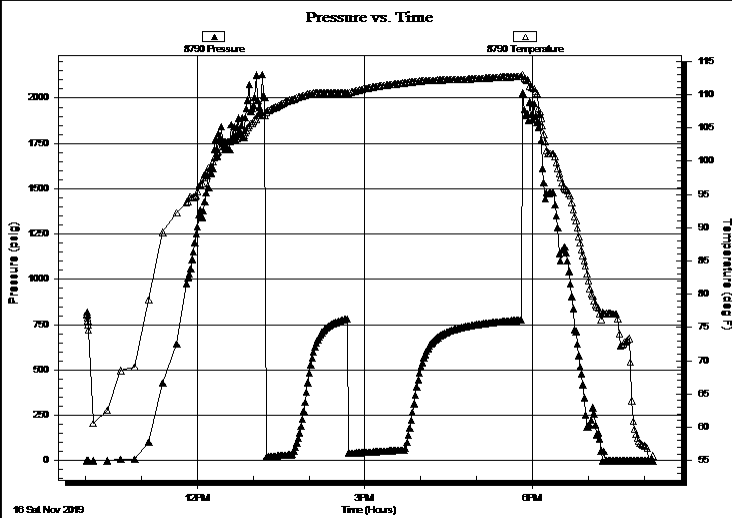
Risa 1-22
Job Ticket: 66067 **DST#: 1**
Test Start: 2019.11.16 @ 10:00:08

GENERAL INFORMATION:

Formation: **Lansing B**
 Deviated: No Whipstock: ft (KB) Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 13:12:38 Tester: Brandon Turley
 Time Test Ended: 20:09:38 Unit No: 79
 Interval: **4162.00 ft (KB) To 4182.00 ft (KB) (TVD)** Reference Elevations: ft (KB)
 Total Depth: 4182.00 ft (KB) (TVD) ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good KB to GR/CF: ft

Serial #: 8790 Inside
 Press@RunDepth: psig @ 4163.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.11.16 End Date: 2019.11.16 Last Calib.: 2019.11.16
 Start Time: 10:00:55 End Time: 20:10:20 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 2 mins. 40 3/4
IS: No return.
FF: BOB in 1 min. 57 1/2
FS: Surface blow built to 1.



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

Recovery		
Length (ft)	Description	Volume (bbl)
93.00	gocw m 20%g 5%o 5%w 70%m	1.30
10.00	gocm 10%g 10%o 80%m	0.14
0.00	1199 GIP	0.00

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco LLC

22-30s-33w Haskell, KS

2020 N Bramblewood
Wichita, KS 67206

Risa 1-22

Job Ticket: 66067

DST#: 1

ATTN:

Test Start: 2019.11.16 @ 10:00:08

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 43.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
93.00	gocw m 20%g 5%o 5%w 70%m	1.305
10.00	gocm 10%g 10%o 80%m	0.140
0.00	1199 GIP	0.000

Total Length: 103.00 ft

Total Volume: 1.445 bbl

Num Fluid Samples: 0

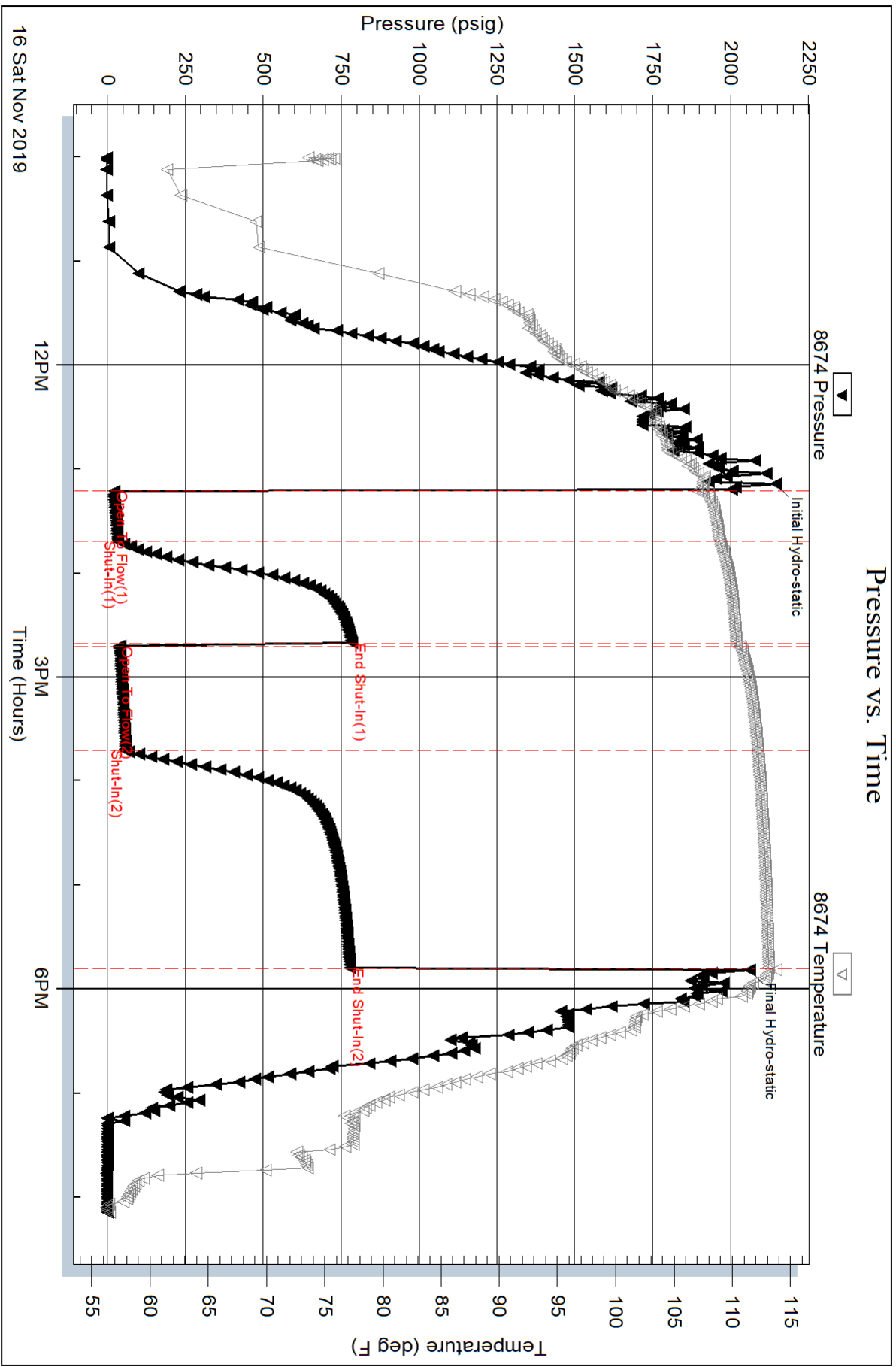
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8790

Inside

Berexco LLC

Risa 1-22

DST Test Number: 1

