



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Berexco, LLC
 2020 N. Bramblewood
 Wichita, KS 67206
 ATTN: Jerry A. Smith

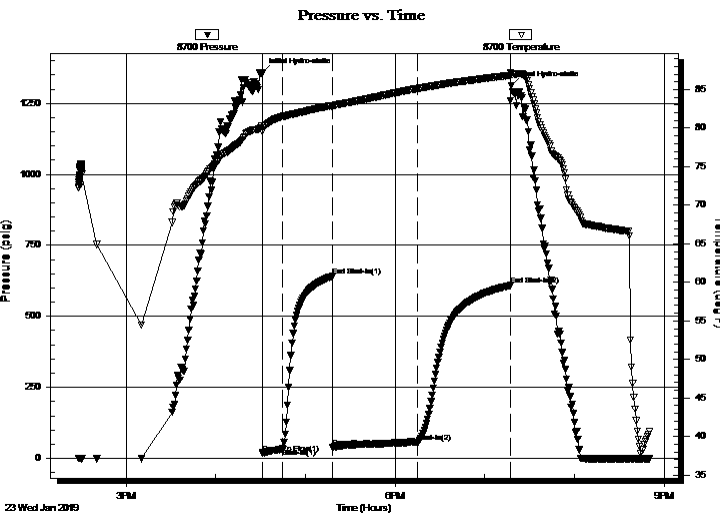
9-11S-15W Russell, KS
Lebow #10
 Job Ticket: 65508 **DST#: 1**
 Test Start: 2019.01.23 @ 14:28:22

GENERAL INFORMATION:

Formation: **Topeka**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 16:31:13 Tester: Brannan Lonsdale
 Time Test Ended: 20:50:28 Unit No: 73
 Interval: **2774.00 ft (KB) To 2815.00 ft (KB) (TVD)** Reference Elevations: 1942.00 ft (KB)
 Total Depth: 2815.00 ft (KB) (TVD) 1935.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Fair KB to GR/CF: 7.00 ft

Serial #: 8700 Outside
 Press@RunDepth: 57.04 psig @ 2775.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2019.01.23 End Date: 2019.01.23 Last Calib.: 2019.01.23
 Start Time: 14:28:23 End Time: 20:50:28 Time On Btm: 2019.01.23 @ 16:30:58
 Time Off Btm: 2019.01.23 @ 19:17:43

TEST COMMENT: 15- IF- Slow ly built to 2.87"
 30- IS- No blow
 60- FF- Slow ly built to 7.67"
 60- FSI- No blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1357.12	80.35	Initial Hydro-static
1	16.57	79.50	Open To Flow (1)
14	33.47	81.46	Shut-In(1)
47	640.74	82.94	End Shut-In(1)
48	37.58	82.67	Open To Flow (2)
104	57.04	85.13	Shut-In(2)
166	608.70	86.86	End Shut-In(2)
167	1311.76	87.01	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	WOSM, 20%W 80%M	0.30
20.00	OSM	0.26

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Berexco, LLC

9-11S-15W Russell, KS

2020 N. Bramblewood
Wichita, KS 67206

Lebow #10

Job Ticket: 65508

DST#: 1

ATTN: Jerry A. Smith

Test Start: 2019.01.23 @ 14:28:22

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:

27000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	WOSM, 20%W 80%M	0.295
20.00	OSM	0.265

Total Length: 80.00 ft Total Volume: 0.560 bbl

Num Fluid Samples: 0

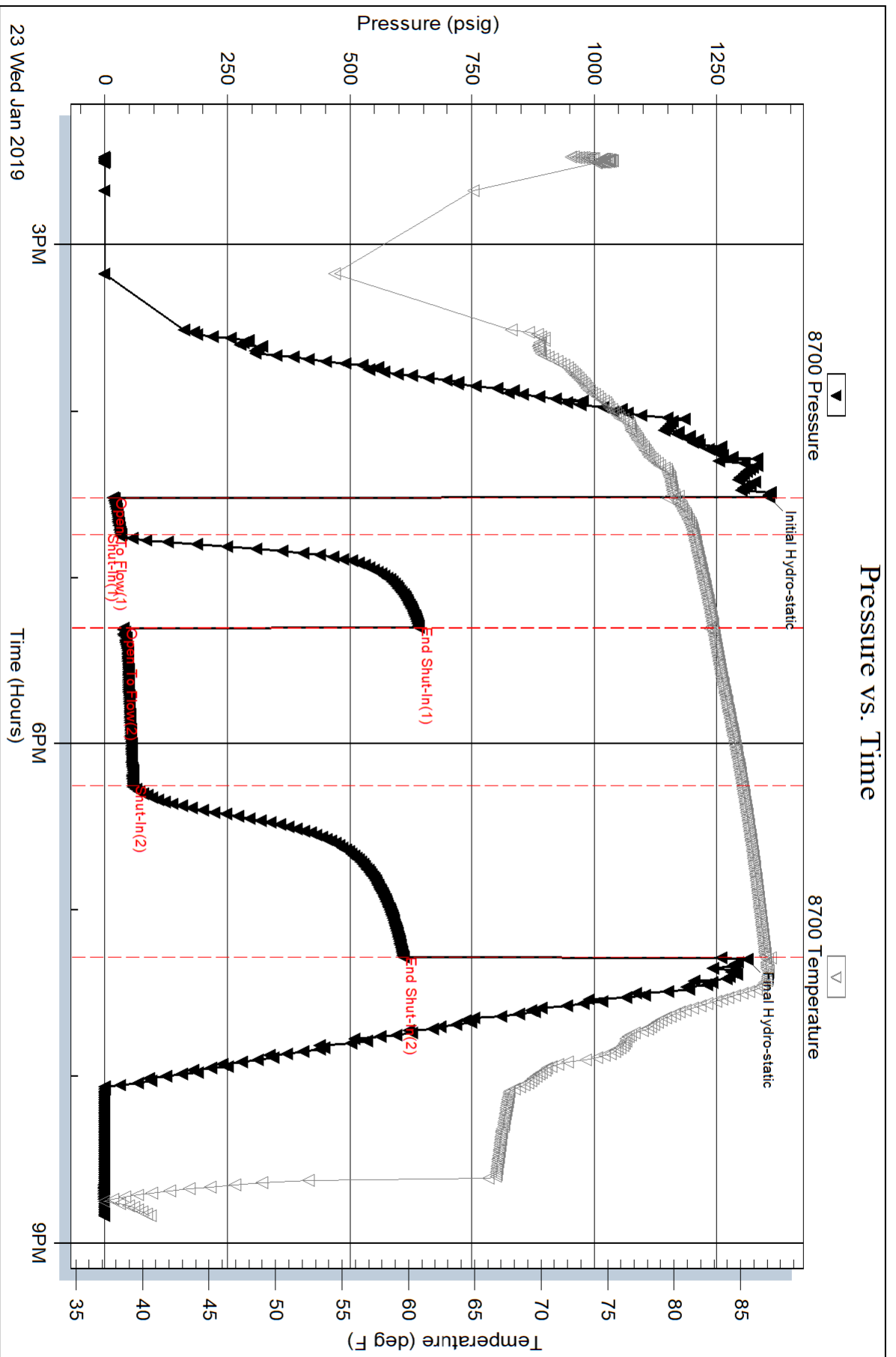
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .35@49deg



Serial #: 6771

Inside

Berexco, LLC

Lebow #10

DST Test Number: 1

