



**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: 65509 **DST#: 2**  
 Test Start: 2019.01.25 @ 06:46:26

## GENERAL INFORMATION:

Formation: **LKC "H-J"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 10:48:32  
 Time Test Ended: 14:39:17  
 Interval: **3184.00 ft (KB) To 3265.00 ft (KB) (TVD)**  
 Total Depth: 3265.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Brannan Lonsdale  
 Unit No: 73  
 Reference Elevations: 1942.00 ft (KB)  
 1935.00 ft (CF)  
 KB to GR/CF: 7.00 ft

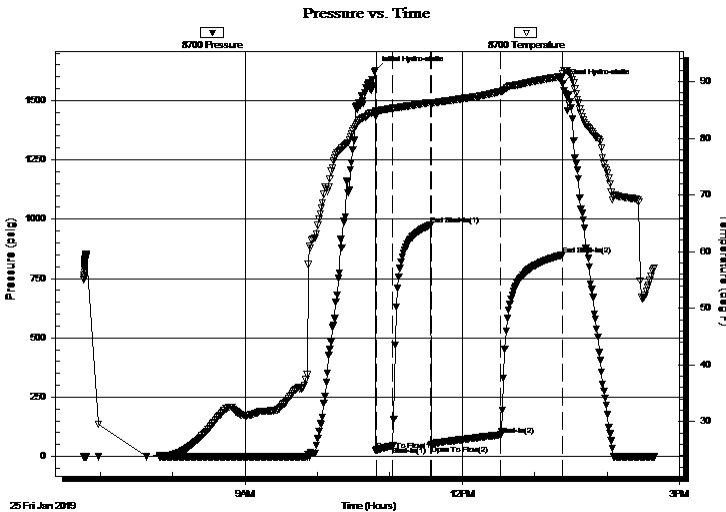
## Serial #: 8700

## Outside

Press@RunDepth: 91.02 psig @ 3185.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2019.01.25 End Date: 2019.01.25 Last Calib.: 2019.01.25  
 Start Time: 06:46:27 End Time: 14:39:17 Time On Btm: 2019.01.25 @ 10:48:02  
 Time Off Btm: 2019.01.25 @ 13:23:17

TEST COMMENT: 15- IF- Slow ly built to 5.73"  
 30- IS- No blow  
 60- FF- BOB 50mins. Built to 13.71"  
 60- FS- Slow ly built to 0.78"

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1627.00	84.86	Initial Hydro-static
1	26.43	84.54	Open To Flow (1)
15	44.49	85.30	Shut-In(1)
46	974.51	86.35	End Shut-In(1)
46	48.14	86.10	Open To Flow (2)
104	91.02	88.28	Shut-In(2)
155	848.92	90.92	End Shut-In(2)
156	1570.19	91.39	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
140.00	Mud w / oil spots	1.98

\* Recovery from multiple tests

## Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

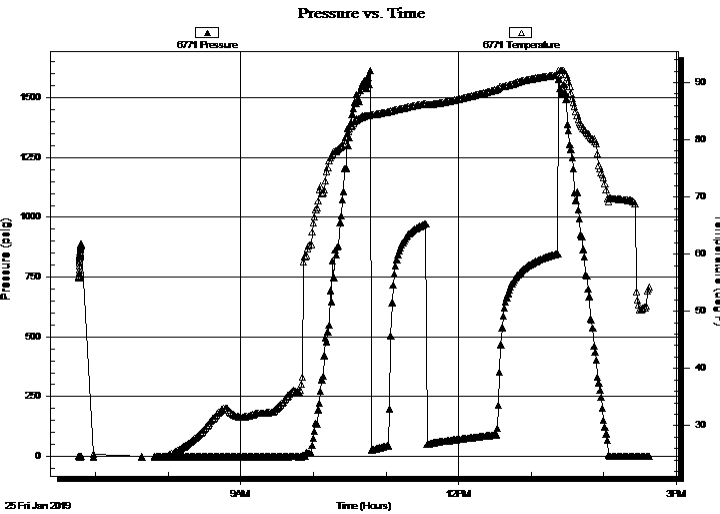
**9-11S-15W Russell, KS**  
**Lebow #10**  
 Job Ticket: 65509      **DST#: 2**  
 Test Start: 2019.01.25 @ 06:46:26

## GENERAL INFORMATION:

Formation: <b>LKC "H-J"</b>				
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Reset)		
Time Tool Opened: 10:48:32		Tester: Brannan Lonsdale		
Time Test Ended: 14:39:17		Unit No: 73		
<b>Interval: 3184.00 ft (KB) To 3265.00 ft (KB) (TVD)</b>		Reference Elevations: 1942.00 ft (KB)		
Total Depth: 3265.00 ft (KB) (TVD)		1935.00 ft (CF)		
Hole Diameter: 7.88 inches	Hole Condition: Fair	KB to GR/CF: 7.00 ft		

<b>Serial #: 6771</b>	<b>Inside</b>				
Press@RunDepth:                    psig @	3185.00 ft (KB)	Capacity:	8000.00 psig		
Start Date: 2019.01.25	End Date: 2019.01.25	Last Calib.:	2019.01.25		
Start Time: 06:46:03	End Time: 14:38:38	Time On Btm:			
		Time Off Btm:			

**TEST COMMENT:** 15- IF- Slow ly built to 5.73"  
 30- IS- No blow  
 60- FF- BOB 50mins. Built to 13.71"  
 60- FS- Slow ly built to 0.78"



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

Recovery		
Length (ft)	Description	Volume (bbl)
140.00	Mud w / oil spots	1.98

\* Recovery from multiple tests

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: 65509

**DST#: 2**

ATTN: Jerry A. Smith

Test Start: 2019.01.25 @ 06:46:26

## 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: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 10.39 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
140.00	Mud w / oil spots	1.985

Total Length: 140.00 ft      Total Volume: 1.985 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

