



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC

**2/1s/36w Rawlins KS**

2020 Bramblewood  
Wichita, KS 67206

**Schwerdt #1-2**

Job Ticket: 55890

**DST#: 2**

ATTN: Pete Vollmer

Test Start: 2014.01.13 @ 11:31:00

## GENERAL INFORMATION:

Formation: **LKC "A"**  
 Deviated: No Whipstock: ft (KB)  
 Test Type: Conventional Bottom Hole (Reset)  
 Time Tool Opened: 13:39:45  
 Tester: James Winder  
 Time Test Ended: 21:04:15  
 Unit No: 57  
 Interval: **4090.00 ft (KB) To 4170.00 ft (KB) (TVD)**  
 Reference Elevations: 3182.00 ft (KB)  
 Total Depth: 4170.00 ft (KB) (TVD)  
 3169.00 ft (CF)  
 Hole Diameter: 7.88 inches  
 Hole Condition: Fair  
 KB to GR/CF: 13.00 ft

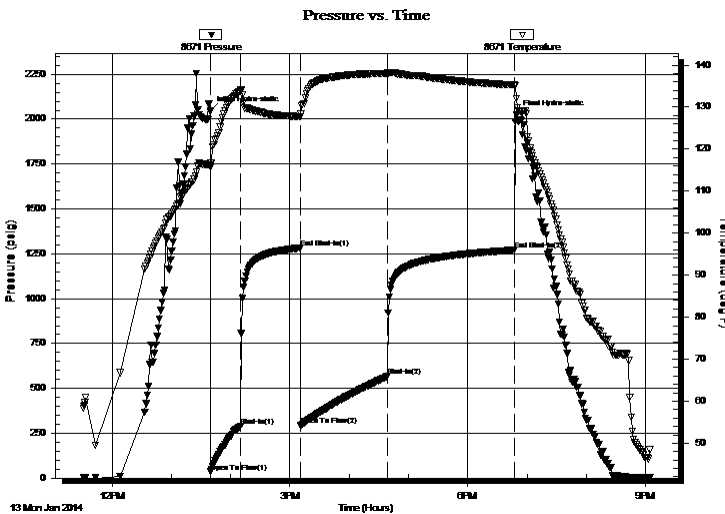
## Serial #: 8671

Inside

Press @ Run Depth: 566.75 psig @ 4091.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2014.01.13 End Date: 2014.01.13 Last Calib.: 2014.01.13  
 Start Time: 11:31:05 End Time: 21:04:15 Time On Btm: 2014.01.13 @ 13:39:30  
 Time Off Btm: 2014.01.13 @ 18:49:15

**TEST COMMENT:** 30 - IF: 1" Blow at open, built to BOB (11") in 9 1/2 min.  
 60 - IS: No blow back  
 90 - FF: Blow built to BOB in 13 min.  
 120 - FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2047.87	116.60	Initial Hydro-static
1	34.96	115.67	Open To Flow (1)
31	287.26	133.78	Shut-In(1)
91	1282.65	127.74	End Shut-In(1)
92	293.93	128.37	Open To Flow (2)
179	566.75	137.98	Shut-In(2)
308	1269.95	135.25	End Shut-In(2)
310	2022.64	132.09	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
905.00	Water 97%w , 3%m	7.88
295.00	MCW 70%w , 30%m	4.14

\* Recovery from multiple tests

## Gas Rates

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



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## 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:

25000 ppm

Viscosity: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 800.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
905.00	Water 97%w , 3%m	7.876
295.00	MCW 70%w , 30%m	4.138

Total Length: 1200.00 ft      Total Volume: 12.014 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW = .409 ohms @ 46.7 deg F

Chlorides = 25,000 ppm

