



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco, LLC  
2020 N. Bramblewood  
Wichita, KS 67206  
ATTN: Ryan White

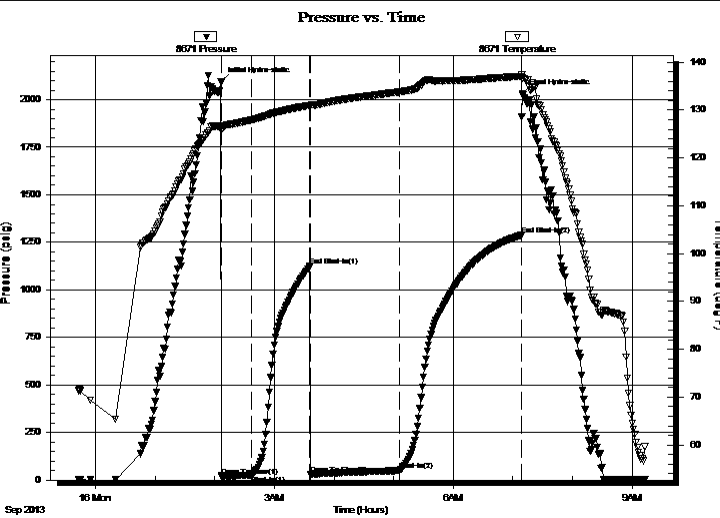
**22/1s/36w Rawlins KS**  
**Michael #2-22**  
Job Ticket: 55083 **DST#: 5**  
Test Start: 2013.09.15 @ 23:43:00

## GENERAL INFORMATION:

Formation: **LKC "D"**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 02:06:30  
Time Test Ended: 09:12:30  
Interval: **4198.00 ft (KB) To 4250.00 ft (KB) (TVD)**  
Total Depth: 4250.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole (Reset)  
Tester: James Winder  
Unit No: 57  
Reference Elevations: 3142.00 ft (KB)  
3129.00 ft (CF)  
KB to GR/CF: 13.00 ft

**Serial #: 8671 Inside**  
Press @ Run Depth: 50.48 psig @ 4199.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2013.09.15 End Date: 2013.09.16 Last Calib.: 2013.09.16  
Start Time: 23:43:05 End Time: 09:12:30 Time On Btm: 2013.09.16 @ 02:06:15  
Time Off Btm: 2013.09.16 @ 07:09:45

**TEST COMMENT:** 30 - IF: Blow built to 2"  
60 - IS: No blow back  
90 - FF: Blow started at 11 min., built to 3"  
120 - FSI: No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2093.61	126.59	Initial Hydro-static
1	20.90	125.76	Open To Flow (1)
31	26.92	127.93	Shut-In(1)
90	1123.68	131.00	End Shut-In(1)
91	29.30	130.95	Open To Flow (2)
180	50.48	133.78	Shut-In(2)
303	1287.68	137.04	End Shut-In(2)
304	2030.38	136.65	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
45.00	MCO 59%o, 35%m, 6%g	0.22
40.00	MCO 80%o, 20%m	0.20

\* Recovery from multiple tests

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



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**FLUID SUMMARY**

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**Michael #2-22**

Job Ticket: 55083

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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:

ppm

Viscosity: 66.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.60 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 2.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
45.00	MCO 59%o, 35%m, 6%g	0.221
40.00	MCO 80%o, 20%m	0.197

Total Length: 85.00 ft      Total Volume: 0.418 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

