



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N Bramblewood  
Wichita KS 67206  
ATTN: Bryan Bynog

**27 1S 36W Rawlins KS**

**Theresa 1-27**

Job Ticket: 60824

**DST#: 1**

Test Start: 2015.03.21 @ 19:00:00

## GENERAL INFORMATION:

Formation: **LKC "A"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 21:33:30  
 Time Test Ended: 03:16:00  
 Interval: **4025.00 ft (KB) To 4113.00 ft (KB) (TVD)**  
 Total Depth: 4113.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Robert Zodrow  
 Unit No: 66  
 Reference Elevations: 3133.00 ft (KB)  
 3122.00 ft (CF)  
 KB to GR/CF: 11.00 ft

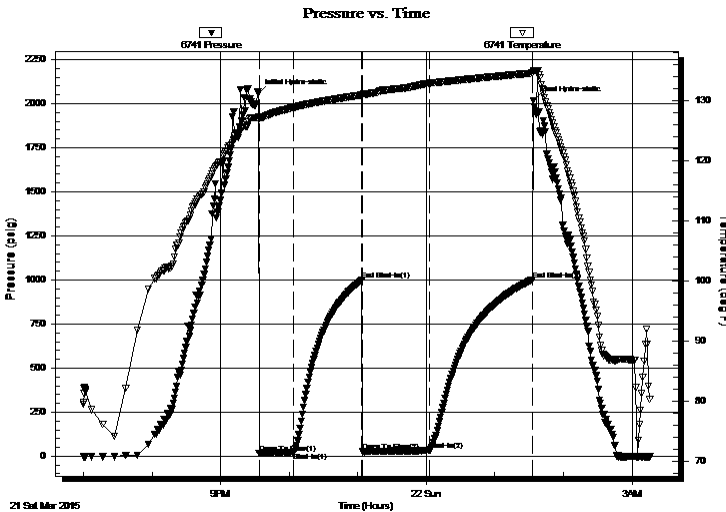
## Serial #: 6741

Inside

Press @ Run Depth: 32.34 psig @ 4026.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.03.21 End Date: 2015.03.22 Last Calib.: 2015.03.22  
 Start Time: 19:00:05 End Time: 03:15:59 Time On Btm: 2015.03.21 @ 21:33:00  
 Time Off Btm: 2015.03.22 @ 01:33:30

TEST COMMENT: 30-IF- Blow built to 1/2" died back to 1/4"  
 60-ISI- No return  
 60-FF- No blow  
 90-FSI- No return

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2056.50	127.18	Initial Hydro-static
1	16.77	126.95	Open To Flow (1)
31	23.17	128.79	Shut-In(1)
91	1000.16	130.87	End Shut-In(1)
91	25.39	130.78	Open To Flow (2)
150	32.34	132.82	Shut-In(2)
240	1000.14	134.50	End Shut-In(2)
241	2018.77	134.91	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w ith oil spots 100%M	0.02

## Gas Rates

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



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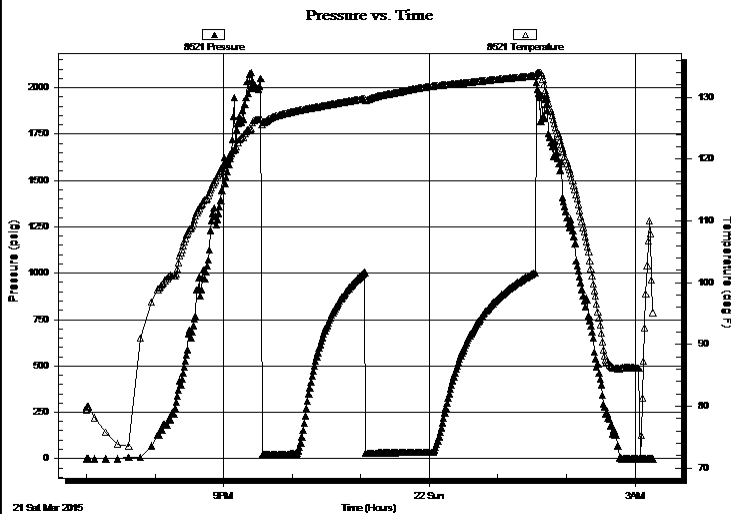
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 Unit No: 66  
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 3122.00 ft (CF)  
 KB to GR/CF: 11.00 ft

**Serial #: 8521**

**Outside**

Press @ Run Depth: psig @ 4026.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2015.03.21 End Date: 2015.03.22 Last Calib.: 2015.03.22  
 Start Time: 19:00:05 End Time: 03:15:59 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** 30-IF- Blow built to 1/2" died back to 1/4"  
 60-ISI- No return  
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## PRESSURE SUMMARY

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

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud w ith oil spots 100%M	0.02

## Gas Rates

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



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# DRILL STEM TEST REPORT

## FLUID SUMMARY

Berexco LLC

**27 1S 36W Rawlins KS**

2020 N Bramblewood  
Wichita KS 67206

**Theresa 1-27**

Job Ticket: 60824

**DST#: 1**

ATTN: Bryan Bynog

Test Start: 2015.03.21 @ 19:00:00

### 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: 76.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 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
5.00	Mud with oil spots 100%M	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

