



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Berexco LLC  
2020 N.Bramblewood  
Wichita Ks.67206  
ATTN: Kent Crisler

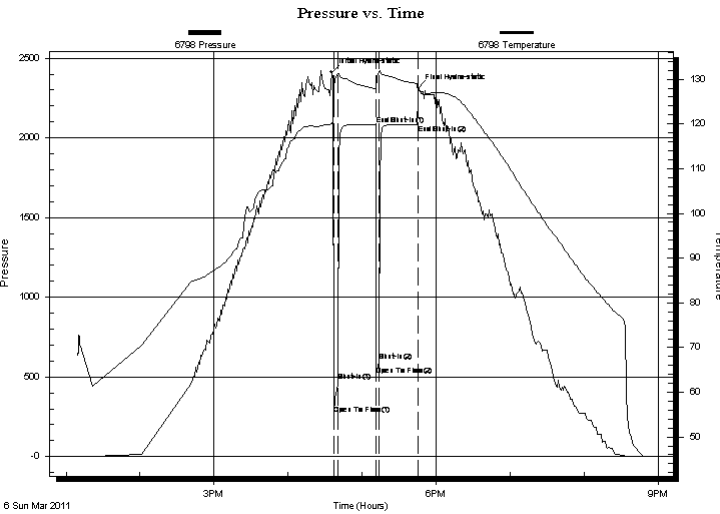
**KGS#1-28**  
**28-31s-1w Sumner Ks.**  
Job Ticket: 041594 **DST#: 3**  
Test Start: 2011.03.06 @ 13:09:17

## GENERAL INFORMATION:

Formation: **Arbuckle**  
Deviated: No Whipstock: ft (KB)  
Time Tool Opened: 16:37:17  
Time Test Ended: 20:49:47  
Interval: **4917.00 ft (KB) To 4937.00 ft (KB) (TVD)**  
Total Depth: 5250.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Reference Elevations: 1270.00 ft (KB)  
1257.00 ft (CF)  
KB to GR/CF: 13.00 ft  
Test Type: Conventional Straddle  
Tester: Leal Cason  
Unit No: 45

**Serial #: 6798 Outside**  
Press @ Run Depth: 598.64 psig @ 4936.00 ft (KB) Capacity: 8000.00 psig  
Start Date: 2011.03.06 End Date: 2011.03.06 Last Calib.: 2011.03.06  
Start Time: 13:09:18 End Time: 20:49:47 Time On Btm: 2011.03.06 @ 16:35:17  
Time Off Btm: 2011.03.06 @ 17:45:47

**TEST COMMENT:** IF: Strong Blow , BOB in 80 Seconds  
IS: Bled Off , No Blow back  
FF: Strong Blow , BOB in 1 minute  
FS: Bled Off , No Blow back



## PRESSURE SUMMARY

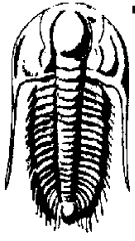
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2411.28	120.02	Initial Hydro-static
2	265.10	128.34	Open To Flow (1)
6	473.21	131.35	Shut-In(1)
36	2081.64	127.89	End Shut-In(1)
36	513.31	127.71	Open To Flow (2)
39	598.64	131.52	Shut-In(2)
70	2082.44	129.03	End Shut-In(2)
71	2312.18	127.77	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
686.00	Salt Water	4.65
186.00	MCW 30%M 70%W	2.61
196.00	WCM 40%W 60%M	2.75

## Gas Rates

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



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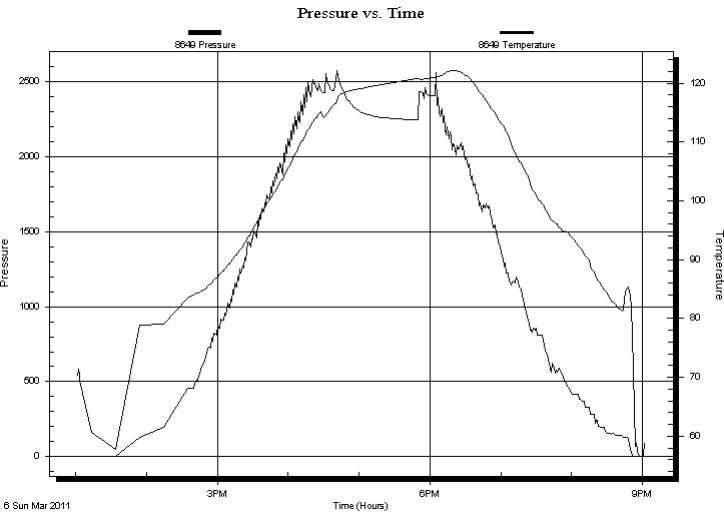
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 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Straddle  
 Tester: Leal Cason  
 Unit No: 45  
 Reference Elevations: 1270.00 ft (KB)  
 1257.00 ft (CF)  
 KB to GR/CF: 13.00 ft

**Serial #: 8649 Below (Straddle)**  
 Press @ Run Depth: psig @ 4941.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.03.06 End Date: 2011.03.06 Last Calib.: 2011.03.06  
 Start Time: 13:01:31 End Time: 21:02:00 Time On Btm:  
 Time Off Btm:

**TEST COMMENT:** IF: Strong Blow , BOB in 80 Seconds  
 IS: Bled Off, No Blow back  
 FF: Strong Blow , BOB in 1 minute  
 FS: Bled Off, No Blow back



### PRESSURE SUMMARY

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

### Recovery

Length (ft)	Description	Volume (bbl)
686.00	Salt Water	4.65
186.00	MCW 30%M 70%W	2.61
196.00	WCM 40%W 60%M	2.75

### Gas Rates

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



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**FLUID SUMMARY**

Berexco LLC

**KGS#1-28**

2020 N.Bramblewood  
Wichita Ks.67206

**28-31s-1w Sumner Ks.**

Job Ticket: 041594

**DST#: 3**

ATTN: Kent Crisler

Test Start: 2011.03.06 @ 13:09:17

## 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:

31000 ppm

Viscosity: 50.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 0.20 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
686.00	Salt Water	4.649
186.00	MCW 30%M 70%W	2.609
196.00	WCM 40%W 60%M	2.749

Total Length: 1068.00 ft      Total Volume: 10.007 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

