



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

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

**9-1s-37w**  
**Mears A 2-9**  
 Job Ticket: 43009 **DST#: 3**  
 Test Start: 2012.11.24 @ 13:35:00

## GENERAL INFORMATION:

Formation: **LKC-B,C**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 16:36:00  
 Time Test Ended: 01:38:00  
 Interval: **4228.00 ft (KB) To 4350.00 ft (KB) (TVD)**  
 Total Depth: 4350.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Poor  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Kreuzer Jr.  
 Unit No: 61  
 Reference Elevations: 3254.00 ft (KB)  
 3243.00 ft (CF)  
 KB to GR/CF: 11.00 ft

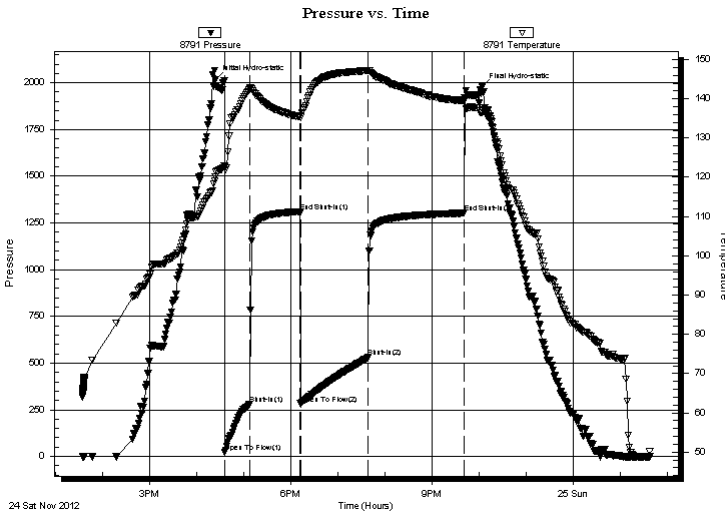
## Serial #: 8791

Inside

Press @ Run Depth: 529.47 psig @ 4229.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.11.24 End Date: 2012.11.25 Last Calib.: 2012.11.25  
 Start Time: 13:35:01 End Time: 01:38:00 Time On Btm: 2012.11.24 @ 16:24:00  
 Time Off Btm: 2012.11.24 @ 22:04:00

**TEST COMMENT:** IF: Fair blow, Built to B.O.B in 22 mins.  
 IS: No blow back over 60 mins.  
 FF: Fair blow, Built to B.O.B in 70 mins.  
 FS: No blow back over 120 mins.

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2018.75	120.18	Initial Hydro-static
12	23.26	122.61	Open To Flow (1)
44	279.37	142.44	Shut-In(1)
108	1307.23	135.41	End Shut-In(1)
109	282.20	135.29	Open To Flow (2)
195	529.47	147.23	Shut-In(2)
317	1302.81	139.44	End Shut-In(2)
340	1976.89	136.48	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
300.00	water-100%	1.48
240.00	mcw-20% m80%w	1.18
186.00	vsocm-2% o98% m	2.61
310.00	ocm-10% o90% m	4.35

\* Recovery from multiple tests

## Gas Rates

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



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## FLUID SUMMARY

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Job Ticket: 43009

**DST#: 3**

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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:

40000 ppm

Viscosity: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1000.00 ppm

Filter Cake: 3.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
300.00	water-100%	1.475
240.00	mcw-20% <del>m</del> 80% <del>w</del>	1.180
186.00	vsocm-2% <del>o</del> 98% <del>m</del>	2.609
310.00	ocm-10% <del>o</del> 90% <del>m</del>	4.348

Total Length: 1036.00 ft

Total Volume: 9.612 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

### Pressure vs. Time

