



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

DNOC  
PO Box 372  
Hays, Ks  
67601  
ATTN: Al Downing

**LTD 3-3**  
**3-14-21/Trego**  
Job Ticket: 41779 **DST#: 1**  
Test Start: 2011.02.09 @ 21:30:41

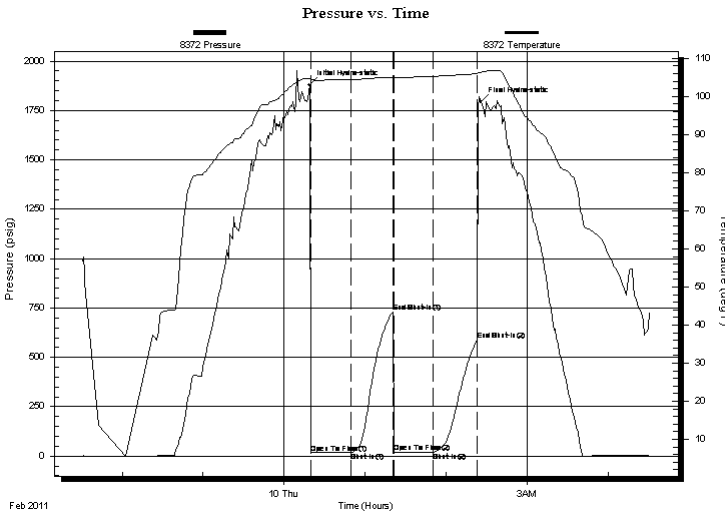
## GENERAL INFORMATION:

Formation: **LKC "E"**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 00:19:41  
 Time Test Ended: 04:31:11  
 Interval: **3696.00 ft (KB) To 3714.00 ft (KB) (TVD)**  
 Total Depth: 4117.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition:  
 Test Type: Conventional Straddle  
 Tester: Brian Fairbank  
 Unit No: 41  
 Reference Elevations: 2293.00 ft (KB)  
 2285.00 ft (CF)  
 KB to GR/CF: 8.00 ft

**Serial #: 8372 Inside**  
 Press @ RunDepth: 20.81 psig @ 3699.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2011.02.09 End Date: 2011.02.10 Last Calib.: 2011.02.10  
 Start Time: 21:30:42 End Time: 04:31:11 Time On Btm: 2011.02.10 @ 00:18:41  
 Time Off Btm: 2011.02.10 @ 02:25:41

**TEST COMMENT:** IFP - 3/4" blow - died 14 min  
 ISI - no blow back  
 FFP - no blow  
 FSI - no blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1879.17	104.79	Initial Hydro-static
1	15.36	104.32	Open To Flow (1)
31	18.56	104.45	Shut-In(1)
62	729.86	105.11	End Shut-In(1)
63	18.54	104.90	Open To Flow (2)
92	20.81	105.29	Shut-In(2)
124	589.52	105.95	End Shut-In(2)
127	1794.10	106.41	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud 100%	0.05

## Gas Rates

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



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**FLUID SUMMARY**

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Job Ticket: 41779

**DST#: 1**

ATTN: Al Downing

Test Start: 2011.02.09 @ 21:30:41

**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: 52.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 9.58 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	mud 100%	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

