

## DRILL STEM TEST REPORT

Prepared For: **Lotus Operating Co LLC**

100 S Main ST STE 420  
Wichita KS 67202

ATTN: Tim Hellman

**1-35s-12w**

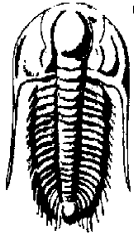
**Molz "L" #2**

Start Date: 2011.05.10 @ 08:53:13

End Date: 2011.05.10 @ 15:47:43

Job Ticket #: 37478                      DST #: 1

Trilobite Testing, Inc  
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TESTING, INC.**

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100 S Main ST STE 420  
Wichita KS 67202  
ATTN: Tim Hellman

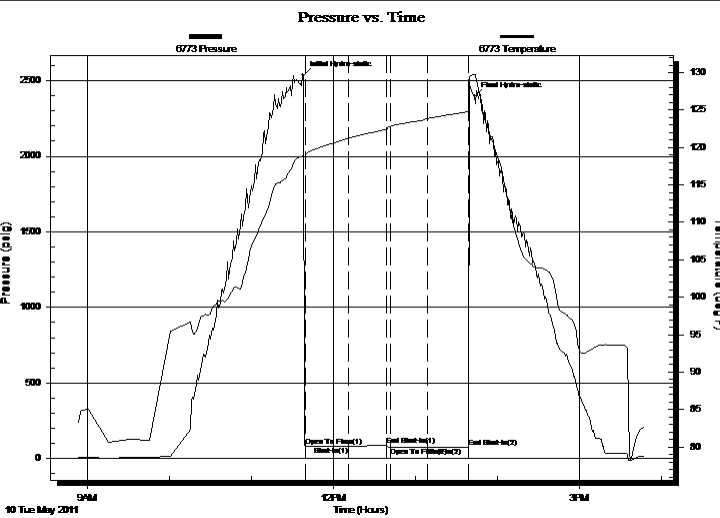
**Molz "L" #2**  
**1-35s-12w**  
Job Ticket: 37478      **DST#: 1**  
Test Start: 2011.05.10 @ 08:53:13

## GENERAL INFORMATION:

Formation: **Misener**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 11:38:58  
Time Test Ended: 15:47:43  
Interval: **5130.00 ft (KB) To 5180.00 ft (KB) (TVD)**  
Total Depth: 5180.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Fair  
Test Type: Conventional Bottom Hole  
Tester: Chris Staats  
Unit No: 34  
Reference Elevations: 1412.00 ft (KB)  
1402.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 6773      Outside**  
Press @ Run Depth: 75.14 psig @ 5131.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2011.05.10      End Date: 2011.05.10      Last Calib.: 2011.05.10  
Start Time: 08:53:18      End Time: 15:47:42      Time On Btm: 2011.05.10 @ 11:37:43  
Time Off Btm: 2011.05.10 @ 13:42:58

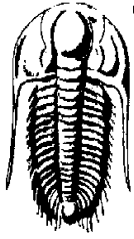
TEST COMMENT: IF: Weak surface blow  
IS: No blow back  
FF: No blow  
FS: No blow back



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2535.20	118.99	Initial Hydro-static
2	84.00	118.93	Open To Flow (1)
34	80.64	121.25	Shut-In(1)
61	86.44	122.44	End Shut-In(1)
64	77.18	122.82	Open To Flow (2)
91	75.14	123.87	Shut-In(2)
121	75.70	124.78	End Shut-In(2)
126	2394.94	129.75	Final Hydro-static

Recovery		
Length (ft)	Description	Volume (bbl)
5.00	mudd 100%	0.02

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



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**FLUID SUMMARY**

Lotus Operating Co LLC

**Molz "L" #2**

100 S Main ST STE 420  
Wichita KS 67202

**1-35s-12w**

Job Ticket: 37478

**DST#: 1**

ATTN: Tim Hellman

Test Start: 2011.05.10 @ 08:53:13

## 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: 45.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 11.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4500.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mudd 100%	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

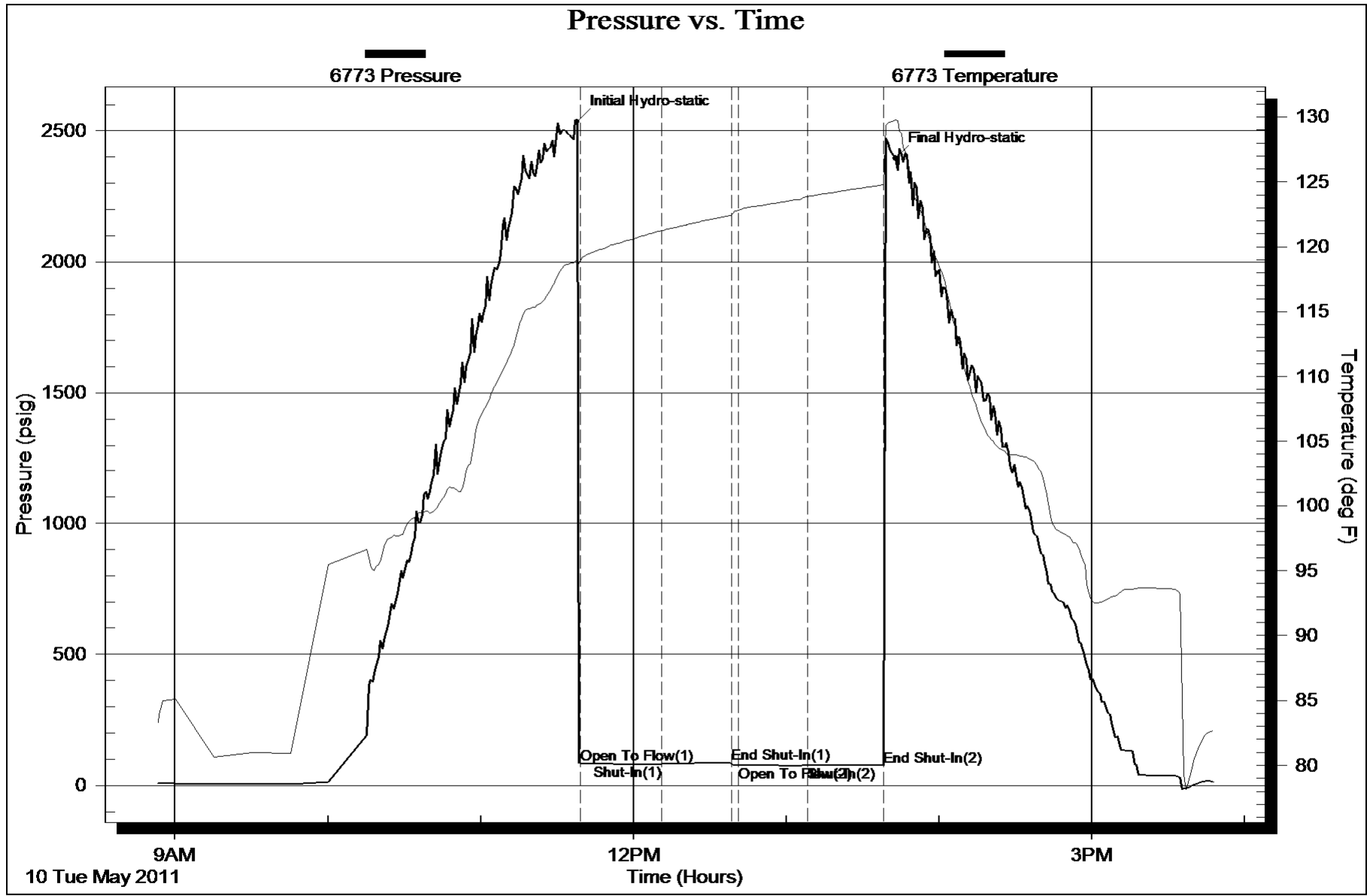
Num Gas Bombs: 0

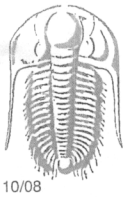
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





# TRILOBITE TESTING INC.

P.O. Box 1733 • Hays, Kansas 67601

RECEIVED  
MAY 12 2011  
BY: \_\_\_\_\_

## Test Ticket

NO. 37478 15741

Well Name & No. MOLZ W L# #2 Test No. 1 Date 5-10-11  
 Company Lotus operating CO LLC Elevation 1412 KB 1402 GL  
 Address 100 S Main ST STE 420 WICHITA KS 67202  
 Co. Rep / Geo. Tim Hellman Rig Duke #7  
 Location: Sec. 1 Twp. 35S Rge. 12W Co. Barber State KS

Interval Tested 5130 - 5180 Zone Tested MISCNER  
 Anchor Length 50 Drill Pipe Run 4941 Mud Wt. 9.3  
 Top Packer Depth 5125 Drill Collars Run 186 Vis 45  
 Bottom Packer Depth 5130 Wt. Pipe Run 0 WL 11.2  
 Total Depth 5180 Chlorides 4500 ppm System LCM OFF  
 Blow Description IF: weak surface blow  
ISI: No blow back  
FF: No blow  
FST: No blow back

Rec	Feet of	%gas	%oil	%water	%mud
<u>5'</u>	<u>modd</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 5 BHT 124 Gravity NA API RW NL@ \_\_\_\_\_ °F Chlorides 4500 ppm  
 (A) Initial Hydrostatic 2535  Test 1325 T-On Location 7:45  
 (B) First Initial Flow 84  Jars \_\_\_\_\_ T-Started 8:53  
 (C) First Final Flow 80  Safety Joint 75 T-Open 11:38  
 (D) Initial Shut-In 86  Circ Sub \_\_\_\_\_ T-Pulled 1:40  
 (E) Second Initial Flow 77  Hourly Standby \_\_\_\_\_ T-Out 3:45  
 (F) Second Final Flow 75  Mileage 100 mi 140 Comments \_\_\_\_\_  
 (G) Final Shut-In 76  Sampler \_\_\_\_\_  
 (H) Final Hydrostatic 2394  Straddle \_\_\_\_\_  
 Shale Packer \_\_\_\_\_  Ruined Shale Packer \_\_\_\_\_  
 Extra Packer \_\_\_\_\_  Ruined Packer \_\_\_\_\_  
 Extra Recorder \_\_\_\_\_  Extra Copies \_\_\_\_\_  
 Day Standby \_\_\_\_\_ Sub Total 0  
 Accessibility \_\_\_\_\_ Total 1540  
 Sub Total 1540

Approved By [Signature] Our Representative Chris [Signature]

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