

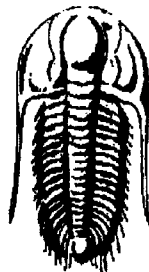
CONFIDENTIAL

ORIGINAL

RECEIVED  
APR 01 2004  
KCC WICHITA

KCC  
MAR 30 2004

CONFIDENTIAL



**TRILOBITE**  
**TESTING, INC.**

**DRILL STEM TEST REPORT**

Prepared For: **Lario Oil and Gas Co**

301 South Market  
Wichita, Ks 67202

15-095-21859

ATTN: Tim Lauer

**01-28s-05w**

**Casley #1-1**

Start Date: 2003.12.06 @ 06:33:27

End Date: 2003.12.06 @ 11:06:27

Job Ticket #: 17992. DST #: 1

Lario Oil and Gas Co

Casley #1-1

01-28s-05w

DST # 1

Indian Cave

2003.12.06

Trilobite Testing, Inc  
PO Box 362 Hays, KS 67601  
ph: 785-625-4778 fax: 785-625-5620





**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Lario Oil and Gas Co

**Casley #1-1**

301 South Market  
Wichita, Ks 67202

**01-28s-05w**

Job Ticket: 17992

**DST#: 1**

ATTN: Tim Lauer

Test Start: 2003.12.06 @ 06:33:27

### Tool Information

Drill Pipe:	Length: 1505.00 ft	Diameter: 3.80 inches	Volume: 21.11 bbl	Tool Weight: 2200.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 24000.00 lb
Drill Collar:	Length: 177.00 ft	Diameter: 2.25 inches	Volume: 0.87 bbl	Weight to Pull Loose: 62000.00 lb
			<u>Total Volume: 21.98 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	24.00 ft			String Weight: Initial 56000.00 lb
Depth to Top Packer:	1680.00 ft			Final 56000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	40.00 ft			
Tool Length:	62.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

**RECEIVED  
APR 01 2004  
KCC WICHITA**

### Tool Description

**Length (ft) Serial No. Position Depth (ft) Accum. Lengths**

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			1659.00	
Shut In Tool	5.00			1664.00	
Hydraulic tool	5.00			1669.00	
Safety Joint	2.00			1671.00	
Packer	4.00			1675.00	22.00 Bottom Of Top Packer
Packer	5.00			1680.00	
Stubb	1.00			1681.00	
Recorder	0.00	6751	Inside	1681.00	
Perforations	36.00			1717.00	
Recorder	0.00	13630	Outside	1717.00	
Bullnose	3.00			1720.00	40.00 Bottom Packers & Anchor

**Total Tool Length: 62.00**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil and Gas Co

**Casley #1-1**

301 South Market  
Wichita, Ks 67202

**01-28s-05w**

Job Ticket: 17992

**DST#: 1**

ATTN: Tim Lauer

Test Start: 2003.12.06 @ 06:33:27

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

96000 ppm

Viscosity: 29.00 sec/qt

Cushion Volume:

bbbl

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

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 115000.00 ppm

Filter Cake: 0.02 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	Watery Mud	1.333

Total Length: 210.00 ft

Total Volume: 1.333 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

**RECEIVED  
APR 01 2004  
KCC WICHITA**

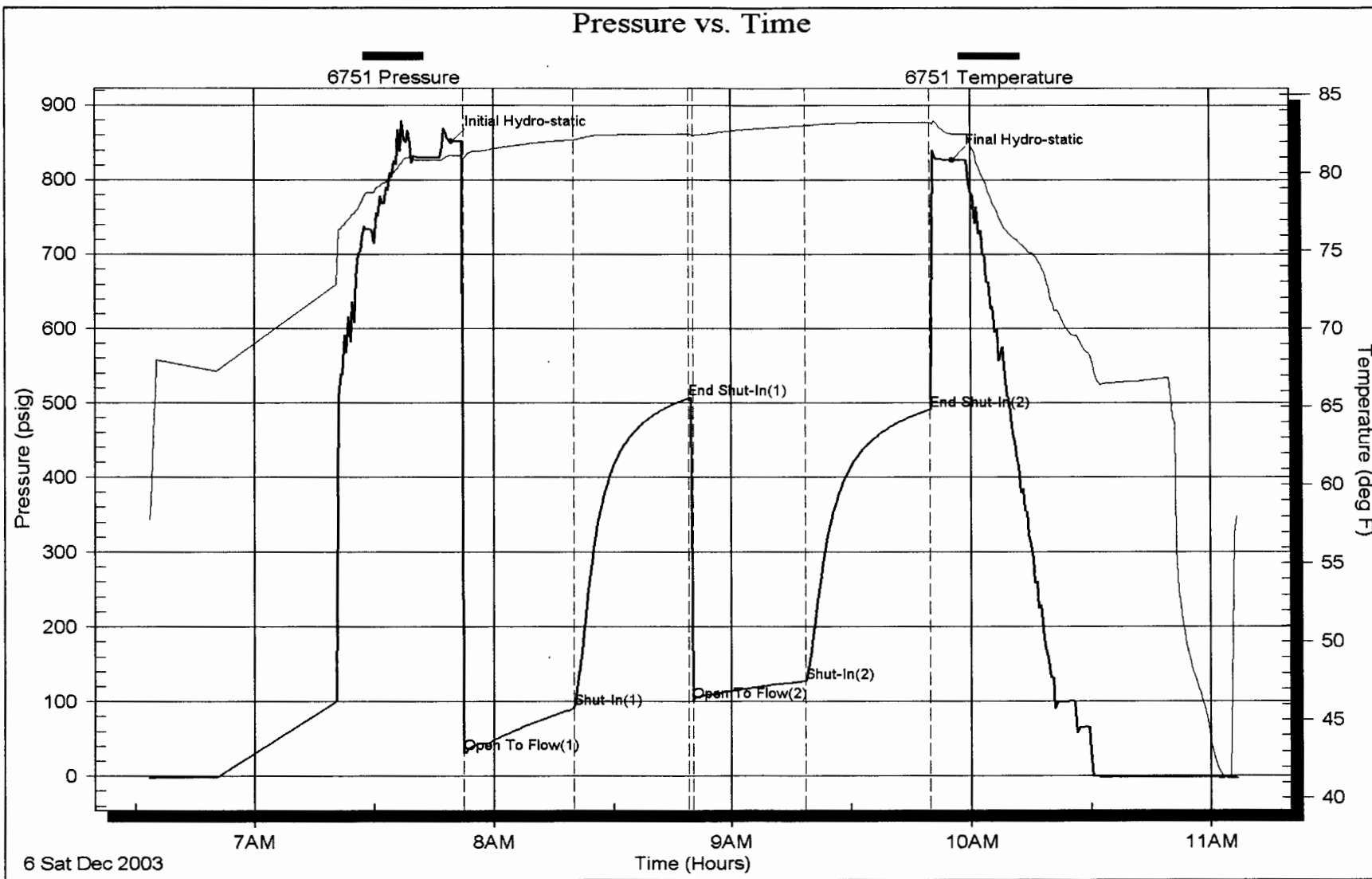
Casley #(-1)

Serial #: 6751

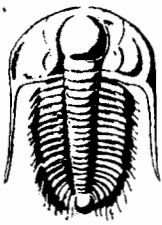
Inside Lario Oil and Gas Co

01-28s-05w

DST Test Number: 1



RECEIVED  
APR 01 2004  
KCC WICHITA



# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No. 17992

05/03

*IMV 6062*

## Test Ticket

Well Name & No. <u>Casley #1-1</u>	Test No. <u>1</u>	Date <u>12/6/03</u>
Company <u>Lario Oil + Gas</u>	Zone Tested <u>Indian Cave</u>	
Address <u>301 South Market Wichita, Ks 67202</u>	Elevation <u>1461</u> KB <u>1393</u> GL	
Co. Rep / Geo. <u>Tim Lauer</u>	Cont. <u>Duke Drly #2</u>	Est. Ft. of Pay _____ Por. _____ %
Location: Sec. <u>01</u> Twp. <u>28S</u> Rge. <u>05W</u> Co. <u>Kingman</u> State <u>Ks</u>		
No. of Copies _____	Disbtribution Sheet (Y, N) _____	Turnkey (Y, N) _____ Evaluation (Y, N) _____

Interval Tested <u>1680 - 1720</u>	Initial Str Wt./Lbs. <u>56,000</u>	Unseated Str Wt/Lbs. <u>62,000</u>
Anchor Length <u>40'</u>	Wt. Set Lbs. <u>24,000</u>	Wt. Pulled Loose/Lbs. <u>62,000</u>
Top Packer Depth <u>1675</u>	Tool Weight <u>2200</u>	
Bottom Packer Depth <u>1680</u>	Hole Size 7 7/8" <input checked="" type="checkbox"/>	Rubber Size 6 3/4" <input checked="" type="checkbox"/>
Total Depth <u>1720</u>	Wt. Pipe Run <u>0</u>	Drill Collar Run <u>177</u>
Mud Wt. <u>9.7</u> LCM _____ Vis. <u>29</u> WL _____	Drill Pipe Size <u>4 1/2</u>	Ft. Run <u>1505</u>
Blow Description <u>IF - Strong blow off bottom of Bucket in 8 min</u>		
<u>ISI - No Blow</u>		
<u>FF - Fair Blow off bottom of Bucket in 13 min</u>		
<u>FSI - No Blow</u>		

Recovery - Total Feet <u>210</u>	GIP <u>None</u>	Ft. in DC <u>177</u>	Ft. in DP <u>33</u>
Rec. <u>210</u> Feet of <u>Watery Mud</u>	%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. _____ Feet of _____	%gas _____ %oil _____ %water _____ %mud _____		

BHT \_\_\_\_\_ °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API

RW \_\_\_\_\_ @ 126 °F Chlorides 96,000 ppm Recovery \_\_\_\_\_ Chlorides 115,000 ppm System

83 AK-1 Alpine

(A) Initial Hydrostatic Mud _____	<u>851</u> PSI	Recorder No. <u>6751</u>	Test <u>700</u>
(B) First Initial Flow Pressure _____	<u>9232</u> PSI	(depth) <u>1681</u>	Elec. Rec. <u>150</u>
(C) First Final Flow Pressure _____	<u>50692</u> PSI	Recorder No. <u>13630</u>	Jars _____
(D) Initial Shut-In Pressure _____	<u>104506</u> PSI	(depth) <u>1717</u>	Safety Jt. <u>50</u>
(E) Second Initial Flow Pressure _____	<u>127101</u> PSI	Recorder No. _____	Circ Sub _____
(F) Second Final Flow Pressure _____	<u>491127</u> PSI	(depth) _____	Sampler _____
(G) Final Shut-In Pressure _____	<u>8491</u> PSI	Initial Opening <u>30</u>	Straddle _____
(Q) Final Hydrostatic Mud _____	<u>826</u> PSI	Initial Shut-In <u>30</u>	Ext. Packer _____
		Final Flow <u>30</u>	Shale Packer _____
		Final Shut-In <u>30</u>	Mileage <u>67</u>
		T-On Location <u>5:30</u>	Sub Total: <u>967</u>
		T-Started <u>6:33</u>	Std. By _____
		T-Open <u>7:52</u>	Other _____
		T-Pulled <u>9:52</u>	Total: _____
		T-Out <u>11:15</u>	

TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST OR DAMAGED IN THE HOLE SHALL BE PAID FOR AT COST BY THE PARTY FOR WHOM THE TEST IS MADE.

Approved By Tim Lauer

Our Representative Neil Barry

# CHART PAGE

This is a photocopy of the actual AK-1 recorder chart

