

## DRILL STEM TEST REPORT

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

301 S. Market St.  
Wichita Ks 67202

ATTN: Jay Schweikert

**36-7s-25w Graham**

**Anderson- Murphy #1-36**

Start Date: 2006.01.08 @ 02:56:35

End Date: 2006.01.08 @ 10:17:04

Job Ticket #: 22682                      DST #: 1

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Lario Oil & Gas Co

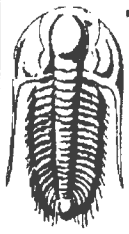
Anderson- Murphy #1-36

36-7s-25w Graham

DST # 1

LKC "B"

2006.01.08



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Co

301 S. Market St.  
Wichita Ks 67202

ATTN: Jay Schweikert

**Anderson- Murphy #1-36**

**36-7s-25w Graham**

Job Ticket: 22682

DST#: 1

Test Start: 2006.01.08 @ 02:56:35

### GENERAL INFORMATION:

Formation: **LKC "B"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 05:10:04

Time Test Ended: 10:17:04

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3766.00 ft (KB) To 3802.00 ft (KB) (TVD)**

Total Depth: **3802.00 ft (KB) (TVD)**

Hole Diameter: **7.85 inches** Hole Condition: **Floor**

Reference Elevations: **2970.00 ft (KB)**

**2965.00 ft (CF)**

KB to GR/CF: **5.00 ft**

### Serial #: 8167

Inside

Press@RunDepth: **273.60 psig @ 3773.01 ft (KB)**

Start Date: **2006.01.08**

End Date: **2006.01.08**

Start Time: **02:56:35**

End Time: **10:17:04**

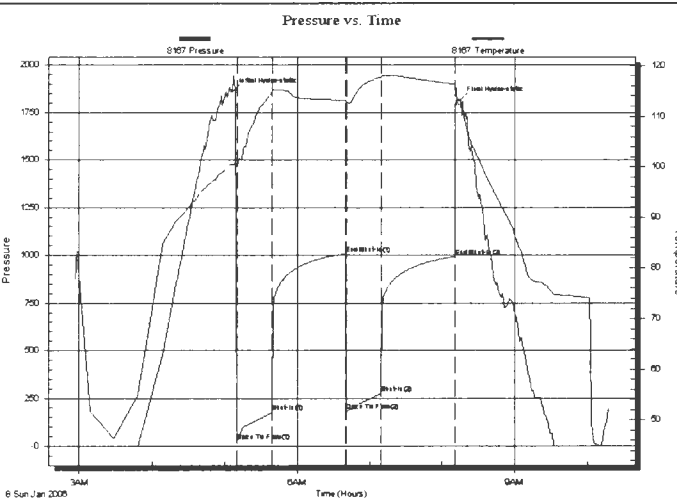
Capacity: **7000.00 psig**

Last Calib.: **2006.01.08**

Time On Btrm: **2006.01.08 @ 05:06:04**

Time Off Btrm: **2006.01.08 @ 08:14:34**

TEST COMMENT: **FFP-wk to strg in 15 min**  
**FFP-wk bl thru-out 1/4" to 3" bl**  
**Times 30-60-30-60**  
**no bl on shut-in**



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1860.73	100.36	Initial Hydro-static
4	26.94	100.07	Open To Flow (1)
33	175.60	114.83	Shut-In(1)
94	1007.30	113.05	End Shut-In(1)
95	180.21	112.77	Open To Flow (2)
124	273.60	117.83	Shut-In(2)
185	992.52	116.30	End Shut-In(2)
189	1814.15	112.44	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 40% M 60% W w/show of oil	0.30
60.00	MW 20% M 80% W	0.30
420.00	Water RW.24@47F	5.34

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

**Anderson- Murphy #1-36**

301 S. Market St.  
Wichita Ks 67202

**.36-7s-25w Graham**

Job Ticket: 22682

**DST#: 1**

ATTN: Jay Schweikert

Test Start: 2006.01.08 @ 02:56:35

### Tool Information

Drill Pipe:	Length: 3580.00 ft	Diameter: 3.80 inches	Volume: 50.22 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: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 51.11 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3766.00 ft			Final 35000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	36.02 ft			
Tool Length:	62.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3741.00	
Shut In Tool	5.00			3746.00	
Hydraulic tool	5.00			3751.00	
Jars	5.00			3756.00	
Packer	5.00			3761.00	26.00 Bottom Of Top Packer
Packer	5.00			3766.00	
Stubb	1.00			3767.00	
Perforations	6.00			3773.00	
Recorder	0.01	8167	Inside	3773.01	
Perforations	26.00			3799.01	
Recorder	0.01	13534	Outside	3799.02	
Bullnose	3.00			3802.02	36.02 Bottom Packers & Anchor

**Total Tool Length: 62.02**



**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Anderson- Murphy #1-36

301 S. Market St.  
Wichita Ks 67202

36-7s-25w Graham

Job Ticket: 22682

DST#: 1

ATTN: Jay Schweikert

Test Start: 2006.01.08 @ 02:56:35

## 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:

47000 ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.75 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 40%M 60%W w/show of oil	0.295
60.00	MW 20%M 80%W	0.295
420.00	Water RW.24@47F	5.345

Total Length: 540.00 ft

Total Volume: 5.935 bbl

Num Fluid Samples: 0

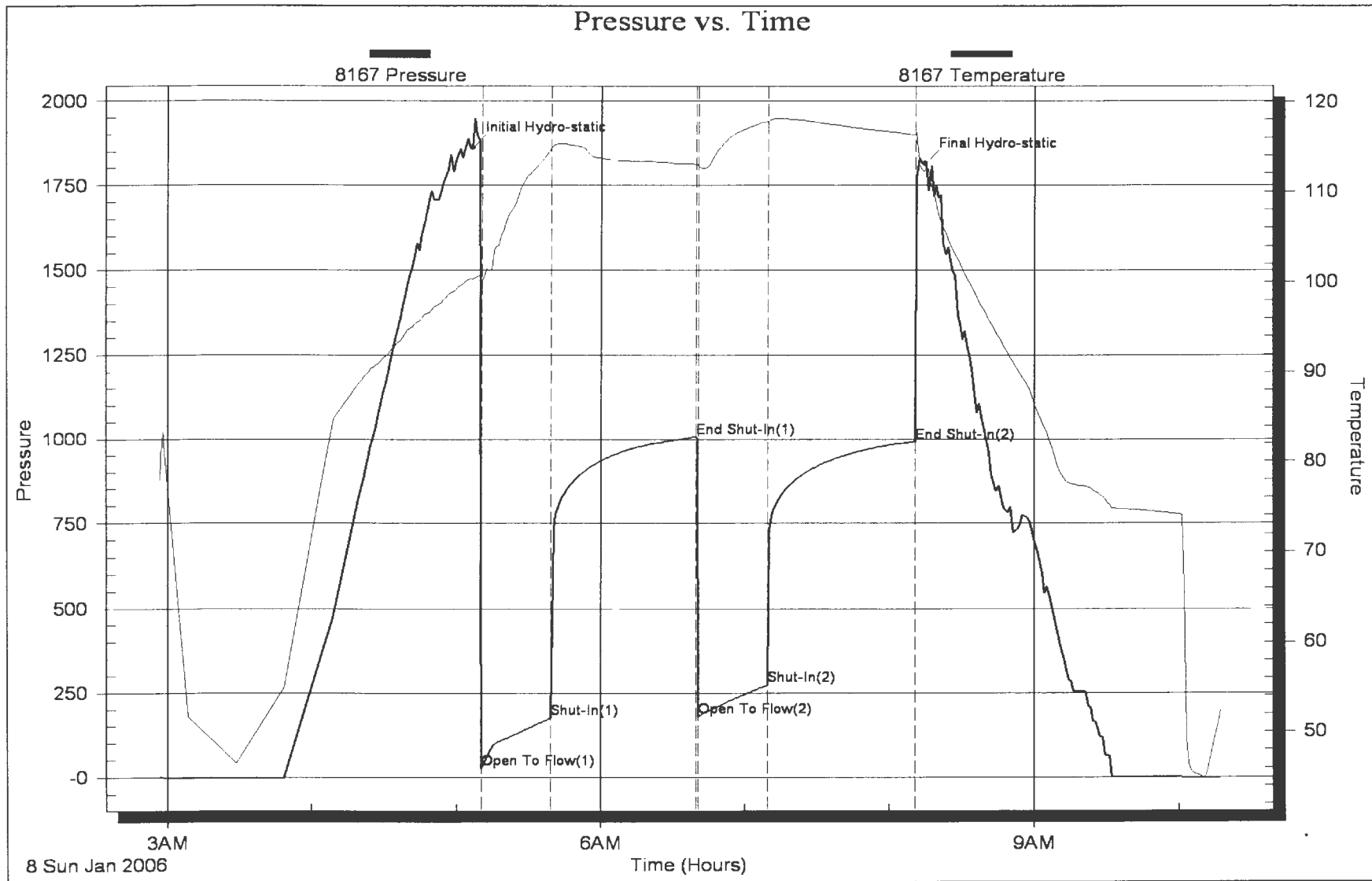
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

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

301 S. Market St.  
Wichita Ks 67202

ATTN: Jay Schweikert

**36-7s-25w Graham**

**Anderson- Murphy #1-36**

Start Date: 2006.01.09 @ 00:35:18

End Date: 2006.01.09 @ 07:49:17

Job Ticket #: 22683                      DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Lario Oil & Gas Co

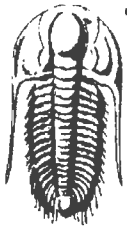
Anderson- Murphy #1-36

36-7s-25w Graham

DST # 2

LKC "H"

2006.01.09



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Co

**Anderson- Murphy #1-36**

301 S. Market St.  
Wichita Ks 67202

**36-7s-25w Graham**

Job Ticket: 22683

**DST#: 2**

ATTN: Jay Schw eikert

Test Start: 2006.01.09 @ 00:35:18

### GENERAL INFORMATION:

Formation: **LKC "H"**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 02:42:17

Time Test Ended: 07:49:17

Test Type: **Conventional Bottom Hole**

Tester: **Ray Schwager**

Unit No: **28**

Interval: **3862.00 ft (KB) To 3897.00 ft (KB) (TVD)**

Reference Elevations: **2970.00 ft (KB)**

Total Depth: **3897.00 ft (KB) (TVD)**

**2965.00 ft (CF)**

Hole Diameter: **7.85 inches** Hole Condition: **Poor**

**KB to GR/CF: 5.00 ft**

**Serial #: 8167**

**Inside**

Press@RunDepth: **132.61 psig @ 3868.01 ft (KB)**

Capacity: **7000.00 psig**

Start Date: **2006.01.09**

End Date:

**2006.01.09**

Last Calib.: **2006.01.09**

Start Time: **00:35:18**

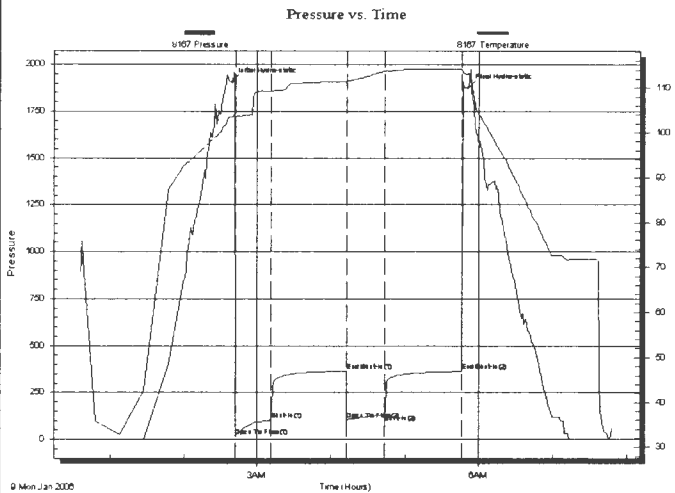
End Time:

**07:49:17**

Time On Btm: **2006.01.09 @ 02:39:17**

Time Off Btm: **2006.01.09 @ 05:51:17**

**TEST COMMENT:** FFP-w k bl thru-out 1/4" to 2 1/2" bl  
FFP-no bl 1st 7 min , 1/4" bl remainder of flow  
Times 30-60-30-60



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1905.91	103.47	Initial Hydro-static
3	17.82	103.20	Open To Flow (1)
33	101.76	109.28	Shut-In(1)
93	365.26	111.44	End Shut-In(1)
94	104.30	111.39	Open To Flow (2)
124	132.61	113.71	Shut-In(2)
187	363.18	114.16	End Shut-In(2)
192	1876.92	113.06	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
60.00	MW 20%M 80%W	0.30
180.00	Water RW.31@32F	1.43

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**TOOL DIAGRAM**

Lario Oil & Gas Co

**Anderson- Murphy #1-36**

301 S. Market St.  
Wichita Ks 67202

**36-7s-25w Graham**

Job Ticket: 22683

**DST#: 2**

ATTN: Jay Schweikert

Test Start: 2006.01.09 @ 00:35:18

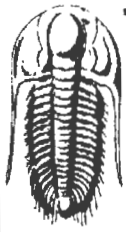
### Tool Information

Drill Pipe:	Length: 3671.00 ft	Diameter: 3.80 inches	Volume: 51.49 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: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 45000.00 lb
			<u>Total Volume: 52.38 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	15.00 ft			String Weight: Initial 32000.00 lb
Depth to Top Packer:	3862.00 ft			Final 32000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.02 ft			
Tool Length:	61.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3837.00	
Shut In Tool	5.00			3842.00	
Hydraulic tool	5.00			3847.00	
Jars	5.00			3852.00	
Packer	5.00			3857.00	26.00 Bottom Of Top Packer
Packer	5.00			3862.00	
Stubb	1.00			3863.00	
Perforations	5.00			3868.00	
Recorder	0.01	8167	Inside	3868.01	
Perforations	26.00			3894.01	
Recorder	0.01	13534	Outside	3894.02	
Bullnose	3.00			3897.02	35.02 Bottom Packers & Anchor

**Total Tool Length: 61.02**



**TRILOBITE**  
TESTING, INC.

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil & Gas Co

**Anderson- Murphy #1-36**

301 S. Market St.  
Wichita Ks 67202

**36-7s-25w Graham**

Job Ticket: 22683

**DST#: 2**

ATTN: Jay Schweikert

Test Start: 2006.01.09 @ 00:35:18

**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:

53000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 7.17 in<sup>3</sup>

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1400.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
60.00	MW 20%M 80%W	0.295
180.00	Water RW.31@32F	1.432

Total Length: 240.00 ft      Total Volume: 1.727 bbl

Num Fluid Samples: 0

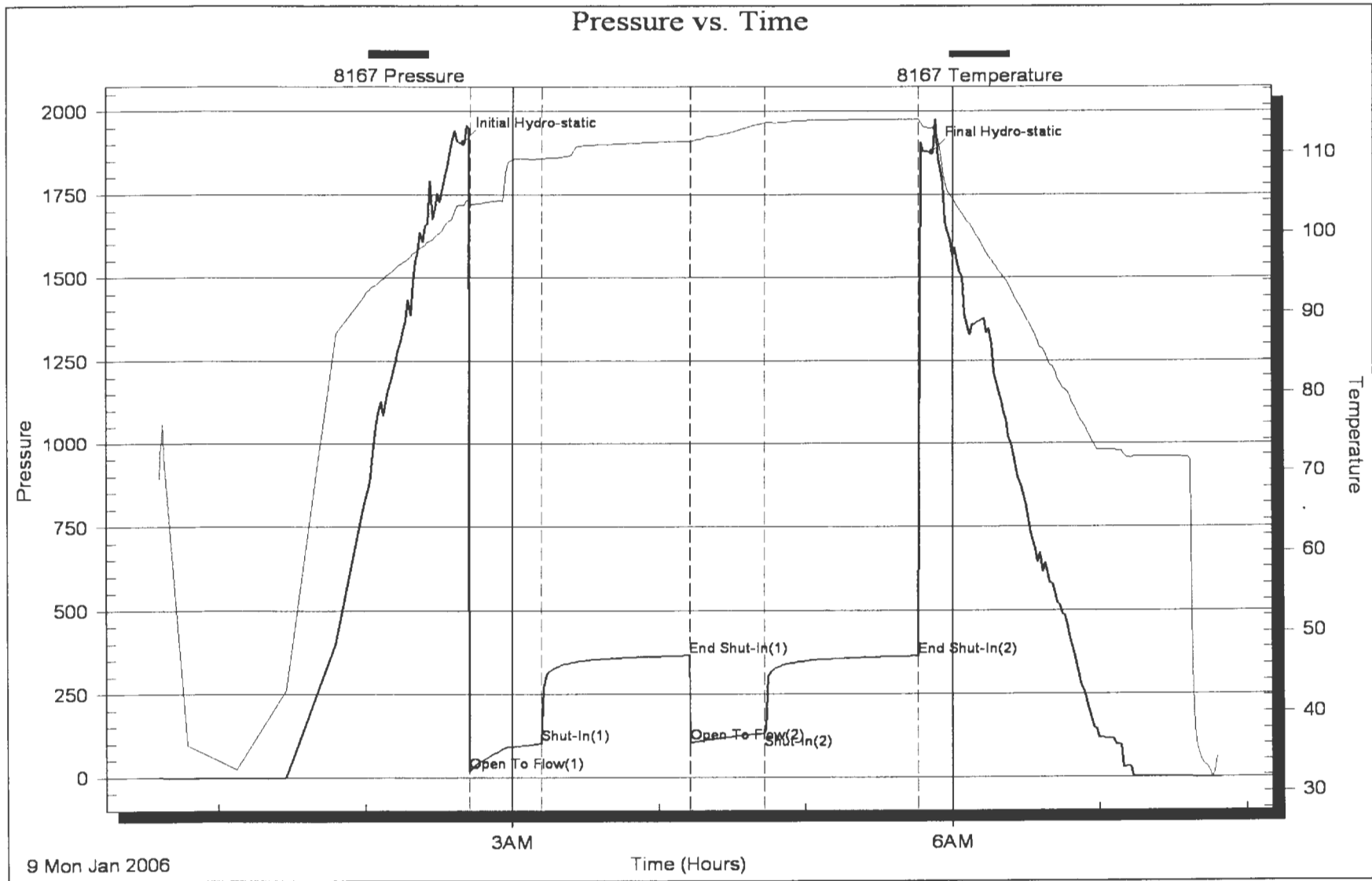
Num Gas Bombs: 0

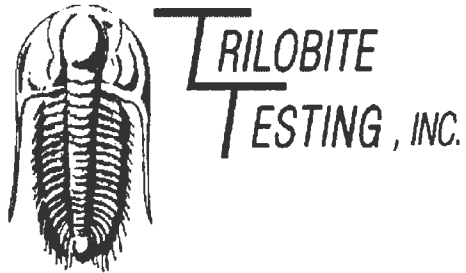
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





## DRILL STEM TEST REPORT

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

301 S. Market St.  
Wichita Ks 67202

ATTN: Jay Schweikert

**36-7s-25w Graham**

**Anderson- Murphy #1-36**

Start Date: 2006.01.09 @ 17:45:50

End Date: 2006.01.10 @ 01:03:49

Job Ticket #: 22684                      DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Lario Oil & Gas Co

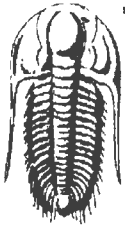
Anderson- Murphy #1-36

36-7s-25w Graham

DST # 3

LKC "I-J"

2006.01.09



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Co

301 S. Market St.  
Wichita Ks 67202

ATTN: Jay Schw eikert

**Anderson- Murphy #1-36**

**36-7s-25w Graham**

Job Ticket: 22684

**DST#: 3**

Test Start: 2006.01.09 @ 17:45:50

### GENERAL INFORMATION:

Formation: **LKC "I-J"**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 20:14:49

Time Test Ended: 01:03:49

Test Type: Conventional Bottom Hole

Tester: Ray Schwager

Unit No: 28

Interval: **3896.00 ft (KB) To 3937.00 ft (KB) (TVD)**

Reference Elevations: 2970.00 ft (KB)

Total Depth: 3937.00 ft (KB) (TVD)

2965.00 ft (CF)

Hole Diameter: 7.85 inches Hole Condition: Poor

KB to GR/CF: 5.00 ft

**Serial #: 8167**

**Inside**

Press@RunDepth: 17.03 psig @ 3903.01 ft (KB)

Capacity: 7000.00 psig

Start Date: 2006.01.09

End Date: 2006.01.10

Last Calib.: 2006.01.10

Start Time: 17:45:50

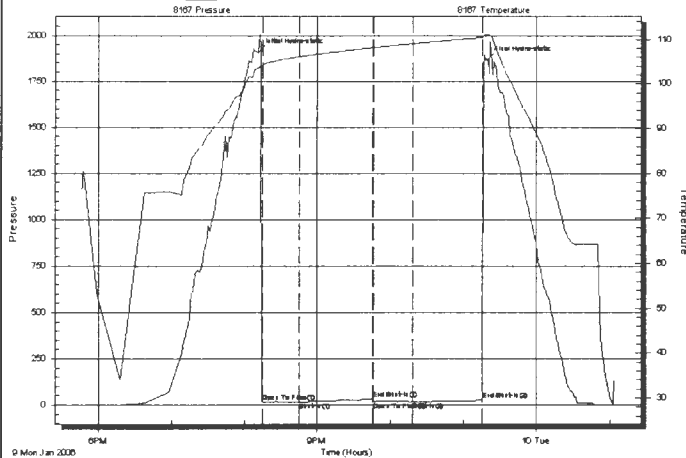
End Time: 01:03:49

Time On Btm: 2006.01.09 @ 20:11:19

Time Off Btm: 2006.01.09 @ 23:19:49

**TEST COMMENT:** IFP-wk bl thru-out 1" to 1 1/4" bl  
FFP-no bl 1st 10 min, surface bl remainder of flow  
Times 30-60-30-60

Pressure vs. Time



### PRESSURE SUMMARY

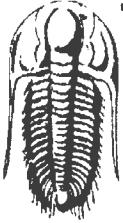
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1909.05	103.50	Initial Hydro-static
4	17.12	104.26	Open To Flow (1)
34	17.45	106.12	Shut-In(1)
94	31.62	108.15	End Shut-In(1)
95	17.79	108.17	Open To Flow (2)
128	17.03	109.05	Shut-In(2)
185	24.16	110.37	End Shut-In(2)
189	1866.64	110.98	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud	0.02

### Gas Rates

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



**TRILOBITE**  
TESTING, INC.

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Co

**Anderson- Murphy #1-36**

301 S. Market St.  
Wichita Ks 67202

**36-7s-25w Graham**

Job Ticket: 22684

DST#: 3

ATTN: Jay Schweikert

Test Start: 2006.01.09 @ 17:45:50

### Tool Information

Drill Pipe:	Length: 3710.00 ft	Diameter: 3.80 inches	Volume: 52.04 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: 25000.00 lb
Drill Collar:	Length: 180.00 ft	Diameter: 2.25 inches	Volume: 0.89 bbl	Weight to Pull Loose: 50000.00 lb
			<u>Total Volume: 52.93 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	20.00 ft			String Weight: Initial 38000.00 lb
Depth to Top Packer:	3896.00 ft			Final 38000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	41.02 ft			
Tool Length:	67.02 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Change Over Sub	1.00			3871.00	
Shut In Tool	5.00			3876.00	
Hydraulic tool	5.00			3881.00	
Jars	5.00			3886.00	
Packer	5.00			3891.00	26.00 Bottom Of Top Packer
Packer	5.00			3896.00	
Stubb	1.00			3897.00	
Perforations	6.00			3903.00	
Recorder	0.01	8167	Inside	3903.01	
Perforations	31.00			3934.01	
Recorder	0.01	13534	Outside	3934.02	
Bullnose	3.00			3937.02	41.02 Bottom Packers & Anchor

**Total Tool Length: 67.02**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

Anderson- Murphy #1-36

301 S. Market St.  
Wichita Ks 67202

36-7s-25w Graham

Job Ticket: 22684

DST#: 3

ATTN: Jay Schweikert

Test Start: 2006.01.09 @ 17:45:50

## 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:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.75 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 2.00 inches			

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud	0.025

Total Length: 5.00 ft      Total Volume: 0.025 bbl

Num Fluid Samples: 0

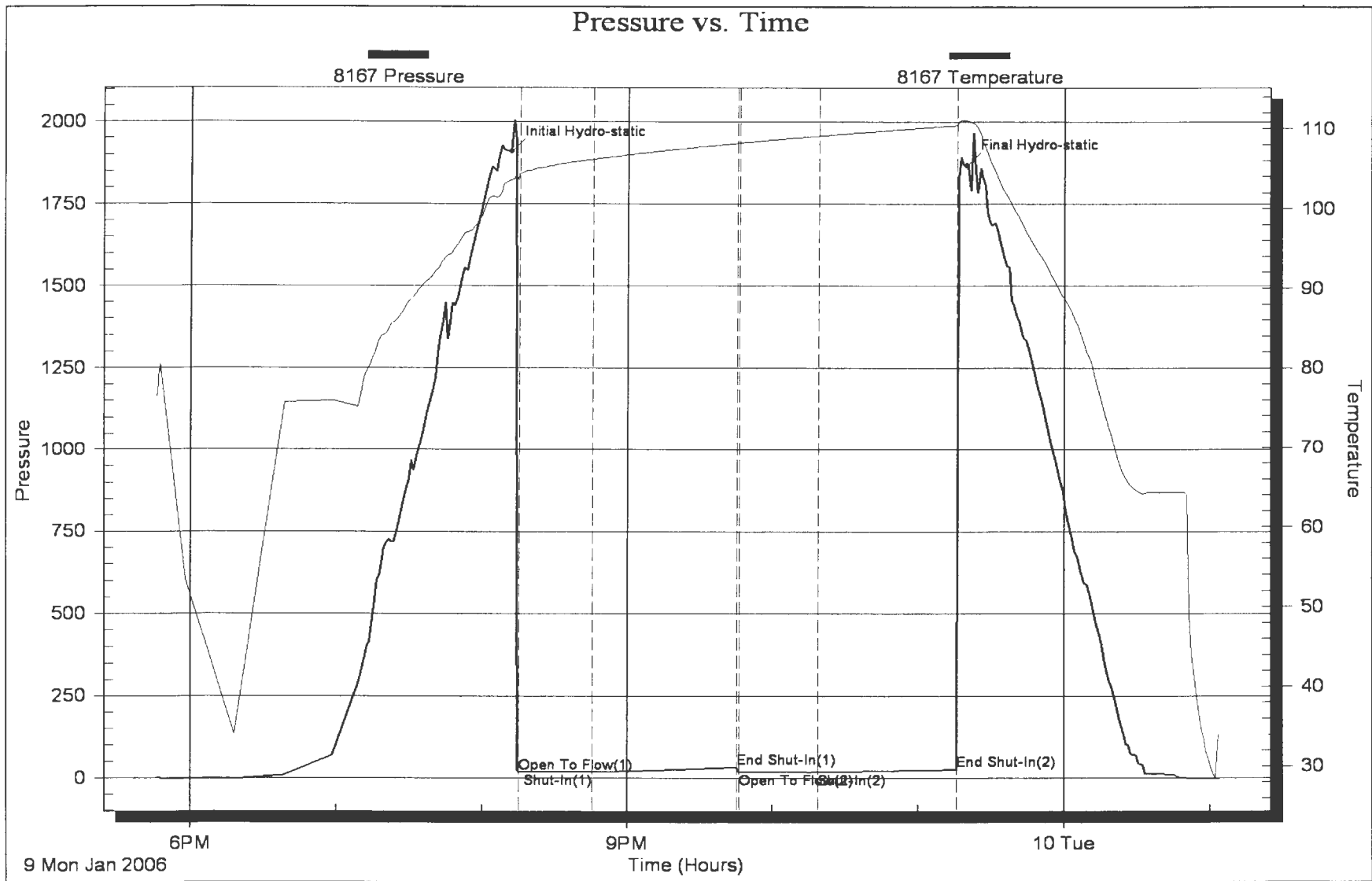
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

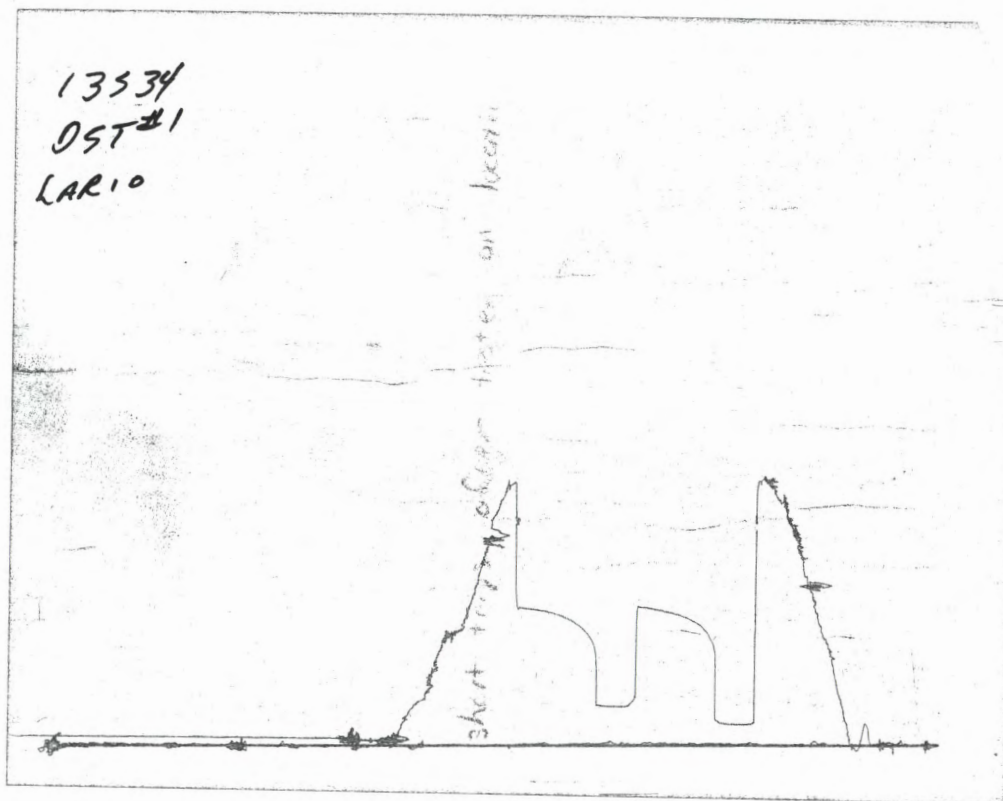
Recovery Comments:

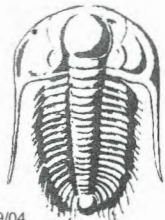




### CHART PAGE

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





# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

No 22683

9/04

## Test Ticket

Well Name & No. Anderson-Murphy #1-36 Test No. 2 Date 1-9-06  
 Company LARIO OIL & GAS Co Zone Tested LKC "H"  
 Address 301 S. MARKET ST, WICHITA, KS 67202 Elevation 2970 KB 2965 GL  
 Co. Rep / Geo. LARRY NICHOLSON Cont. MURFIN 8 Est. Ft. of Pay      Por.      %  
 Location: Sec. 36 Twp. 7<sup>s</sup> Rge. 25<sup>w</sup> Co. GRAHAM State K  
 No. of Copies Reg Distribution Sheet (Y, N)      Turnkey (Y, N)      Evaluation (Y, N)     

Interval Tested 3862-3897 Initial Str Wt./Lbs. 32000 Unseated Str Wt./Lbs. 32000  
 Anchor Length 35 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 45000  
 Top Packer Depth 3857 Tool Weight 2200  
 Bottom Packer Depth 3862 Hole Size 7 7/8"      Rubber Size 6 3/4"       
 Total Depth 3897 Wt. Pipe Run      Drill Collar Run 180  
 Mud Wt. 9.5 LCM      Vis. 56 WL 7.2 Drill Pipe Size 4 1/2 x H Ft. Run 3671  
 Blow Description IFP - WEAK BLOW THRU-OUT 1/2" TO 2 1/2" BLOW  
FFP - NO BLOW FIRST 7 MIN, 1/4" BLOW REMAINDER OF FLOW

Recovery - Total Feet 240 GIP      Ft. in DC 180 Ft. in DP 60  
 Rec. 60 Feet of MW %gas      %oil 80 %water 20 %mud       
 Rec. 180 Feet of WATER %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 114 °F Gravity      °API D @      °F Corrected Gravity      °API  
 RW .31 @ 32 °F Chlorides 52000 ppm Recovery      Chlorides 1400 ppm System

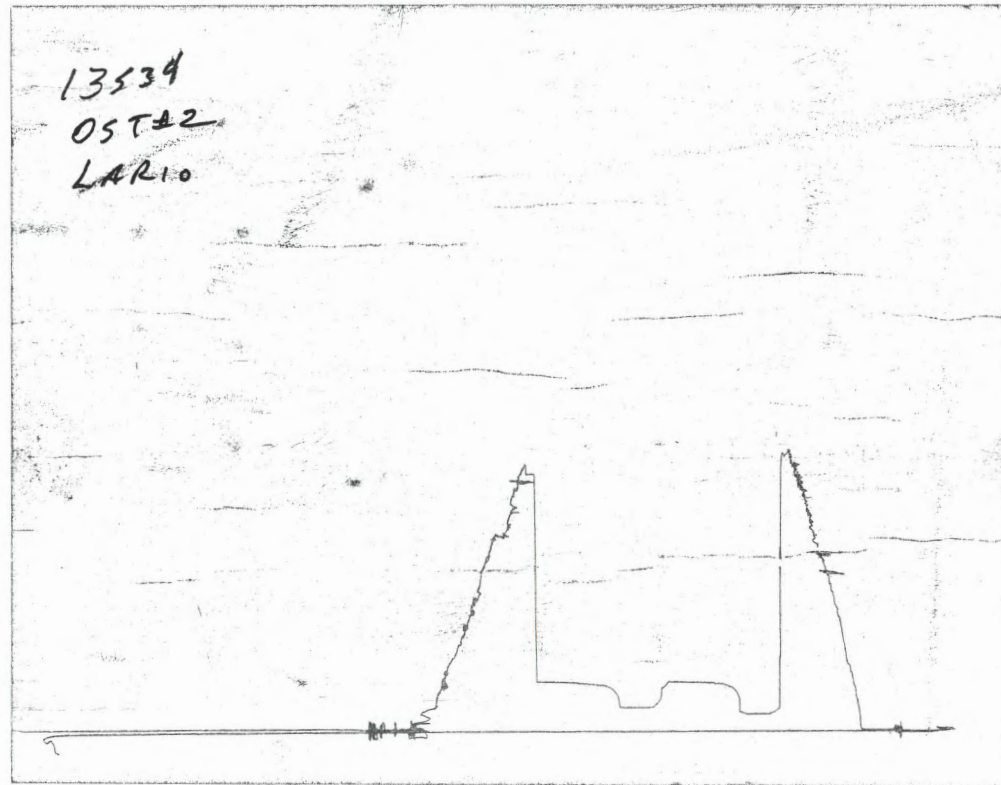
	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1905</u> PSI	<u>1905</u> PSI	<u>8167</u>	<u>1000</u>
(B) First Initial Flow Pressure	<u>17</u> PSI	<u>17</u> PSI	(depth) <u>3868</u>	Jars <u>N/C</u>
(C) First Final Flow Pressure	<u>101</u> PSI	<u>101</u> PSI	Recorder No. <u>13534</u>	Safety Jt. <u>    </u>
(D) Initial Shut-In Pressure	<u>365</u> PSI	<u>365</u> PSI	(depth) <u>3894</u>	Circ Sub <u>    </u>
(E) Second Initial Flow Pressure	<u>104</u> PSI	<u>104</u> PSI	Recorder No. <u>    </u>	Sampler <u>    </u>
(F) Second Final Flow Pressure	<u>132</u> PSI	<u>132</u> PSI	(depth) <u>    </u>	Straddle <u>    </u>
(G) Final Shut-In Pressure	<u>363</u> PSI	<u>363</u> PSI	Initial Opening <u>30</u>	Ext. Packer <u>    </u>
(Q) Final Hydrostatic Mud	<u>1876</u> PSI	<u>1876</u> PSI	Initial Shut-In <u>60</u>	Shale Packer <u>    </u>
			Final Flow <u>30</u>	Ruined Packer <u>    </u>
			Final Shut-In <u>60</u>	Mileage <u>35RT 35</u>
			T-On Location <u>0000</u>	Sub Total: <u>1035</u>
			T-Started <u>0035</u>	Std. By <u>    </u>
			T-Open <u>0240</u>	Other <u>    </u>
			T-Pulled <u>0540</u>	Total: <u>    </u>
			T-Out <u>0749</u>	

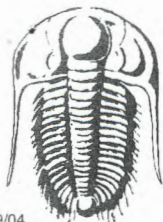
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By L. Nichols  
 Our Representative RAY SCHWAGER Thank you

**CHART PAGE**

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





# TRILOBITE TESTING INC.

No 22684

P.O. Box 362 • Hays, Kansas 67601

9/04

## Test Ticket

Well Name & No. Anderson-Murphy #1-36 Test No. 3 Date 1-9-06  
 Company LARIO OIL + GAS Co. Zone Tested LKC "I-J"  
 Address 301 S. MARKET ST. WICHITA, Ks 67202 Elevation 2970 KB 2965 GL  
 Co. Rep / Geo. LARRY NICHOLSON Cont. MURFIN B Est. Ft. of Pay - Por. - %  
 Location: Sec. 36 Twp. 7<sup>s</sup> Rge. 25<sup>w</sup> Co. GRAHAM State KO  
 No. of Copies Reg Distribution Sheet (Y, N) \_\_\_\_\_ Turnkey (Y, N) \_\_\_\_\_ Evaluation (Y, N) \_\_\_\_\_

Interval Tested 3896-3937 Initial Str Wt./Lbs. 38000 Unseated Str Wt./Lbs. 38000  
 Anchor Length 41 Wt. Set Lbs. 25000 Wt. Pulled Loose/Lbs. 50000  
 Top Packer Depth 3891 Tool Weight 2200  
 Bottom Packer Depth 3896 Hole Size 7 7/8" - Rubber Size 6 3/4" -  
 Total Depth 3937 Wt. Pipe Run - Drill Collar Run 180  
 Mud Wt. 9.6 LCM - Vis. 62 WL 6.8 Drill Pipe Size 4 1/2 XH Ft. Run 3710  
 Blow Description TFP - Weak Blow thru-out 1" to 1 1/4" Blow  
FFP - NO Blow 1st 10 min, surface Blow remainder of flow

Recovery - Total Feet 5 GIP - Ft. in DC 5 Ft. in DP -  
 Rec. 5 Feet of Mud %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 110 °F Gravity - °API D @ - °F Corrected Gravity \_\_\_\_\_ °API  
 RW - @ - °F Chlorides - ppm Recovery \_\_\_\_\_ Chlorides 1500 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud	<u>1909</u> PSI	<u>1909</u> PSI	<u>8167</u>	<input checked="" type="checkbox"/> <u>1000</u>
(B) First Initial Flow Pressure	<u>17</u> PSI	<u>17</u> PSI	(depth) <u>3903</u>	Jars _____
(C) First Final Flow Pressure	<u>17</u> PSI	<u>17</u> PSI	Recorder No. <u>13534</u>	Safety Jt. _____
(D) Initial Shut-In Pressure	<u>31</u> PSI	<u>31</u> PSI	(depth) <u>3934</u>	Circ Sub _____
(E) Second Initial Flow Pressure	<u>17</u> PSI	<u>17</u> PSI	Recorder No. <u>-</u>	Sampler _____
(F) Second Final Flow Pressure	<u>17</u> PSI	<u>17</u> PSI	(depth) <u>-</u>	Straddle _____
(G) Final Shut-In Pressure	<u>24</u> PSI	<u>24</u> PSI	<b>Initial Opening</b> <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud	<u>1866</u> PSI	<u>1866</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____

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Approved By L. Nichol

Our Representative Ray Schwager Thank you

Final Flow 30 Ruined Packer \_\_\_\_\_  
 Final Shut-In 60 Mileage  35RT 35  
**T-On Location** 1430 Sub Total: 1035  
 T-Started 1745 Std. By 2.5 hrs 125  
 T-Open 2015 Other \_\_\_\_\_  
 T-Pulled 2315 Total: 1160  
 T-Out 0103

### CHART PAGE

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

