



WELL COMPLETION FORM  
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Address 1: \_\_\_\_\_

Address 2: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_ + \_\_\_\_\_

Contact Person: \_\_\_\_\_

Phone: ( \_\_\_\_\_ ) \_\_\_\_\_

CONTRACTOR: License # \_\_\_\_\_

Name: \_\_\_\_\_

Wellsite Geologist: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Designate Type of Completion:

- New Well       Re-Entry       Workover
- Oil       WSW       SWD       SIOW
- Gas       D&A       ENHR       SIGW
- OG       GSW       Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic       Other (Core, Expl., etc.): \_\_\_\_\_

If Workover/Re-entry: Old Well Info as follows:

Operator: \_\_\_\_\_

Well Name: \_\_\_\_\_

Original Comp. Date: \_\_\_\_\_ Original Total Depth: \_\_\_\_\_

- Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD
- Conv. to GSW
- Plug Back: \_\_\_\_\_ Plug Back Total Depth \_\_\_\_\_
- Commingled      Permit #: \_\_\_\_\_
- Dual Completion      Permit #: \_\_\_\_\_
- SWD      Permit #: \_\_\_\_\_
- ENHR      Permit #: \_\_\_\_\_
- GSW      Permit #: \_\_\_\_\_

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - \_\_\_\_\_

Spot Description: \_\_\_\_\_

\_\_\_\_\_-\_\_\_\_\_-\_\_\_\_\_- Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

\_\_\_\_\_ Feet from  North /  South Line of Section

\_\_\_\_\_ Feet from  East /  West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE       NW       SE       SW

County: \_\_\_\_\_

Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Field Name: \_\_\_\_\_

Producing Formation: \_\_\_\_\_

Elevation: Ground: \_\_\_\_\_ Kelly Bushing: \_\_\_\_\_

Total Depth: \_\_\_\_\_ Plug Back Total Depth: \_\_\_\_\_

Amount of Surface Pipe Set and Cemented at: \_\_\_\_\_ Feet

Multiple Stage Cementing Collar Used?  Yes  No

If yes, show depth set: \_\_\_\_\_ Feet

If Alternate II completion, cement circulated from: \_\_\_\_\_

feet depth to: \_\_\_\_\_ w/ \_\_\_\_\_ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: \_\_\_\_\_ ppm Fluid volume: \_\_\_\_\_ bbls

Dewatering method used: \_\_\_\_\_

Location of fluid disposal if hauled offsite: \_\_\_\_\_

Operator Name: \_\_\_\_\_

Lease Name: \_\_\_\_\_ License #: \_\_\_\_\_

Quarter \_\_\_\_\_ Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West

County: \_\_\_\_\_ Permit #: \_\_\_\_\_

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Letter of Confidentiality Received  
Date: \_\_\_\_\_
- Confidential Release Date: \_\_\_\_\_
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_



Operator Name: \_\_\_\_\_ Lease Name: \_\_\_\_\_ Well #: \_\_\_\_\_

Sec. \_\_\_\_\_ Twp. \_\_\_\_\_ S. R. \_\_\_\_\_  East  West County: \_\_\_\_\_

**INSTRUCTIONS:** Show important tops and base of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i>  Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No  Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Submitted Electronically <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(If no, Submit Copy)</i>  List All E. Logs Run:	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
_____ Perforate _____ Protect Casing _____ Plug Back TD _____ Plug Off Zone				

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD:      Size: \_\_\_\_\_ Set At: \_\_\_\_\_ Packer At: \_\_\_\_\_ Liner Run:  Yes  No

Date of First, Resumed Production, SWD or ENHR. \_\_\_\_\_ Producing Method:  Flowing  Pumping  Gas Lift  Other *(Explain)* \_\_\_\_\_

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity
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DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Ziegler Trust 2-31
Doc ID	1049867

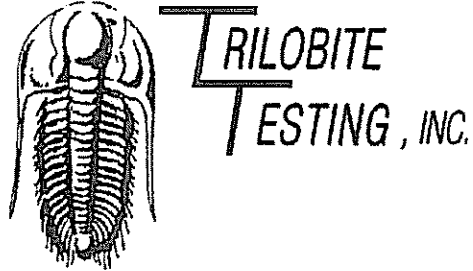
All Electric Logs Run

CDL/CNL
PE
DIL
SON
MEL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Ziegler Trust 2-31
Doc ID	1049867

Tops

Name	Top	Datum
Heebner	3954	-984
Lansing	3988	-1018
Stark Shale	4225	-1255
Hushpuckney	4261	-1291
Base KC	4297	-1327
Ft. Scott	4457	-1487
Basal Penn	4575	-1605
Mississippian	4649	-1679



## DRILL STEM TEST REPORT

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

301 S Market  
Wichita KS 67202

ATTN: Brad Rine

**31 12 34W Gove KS**

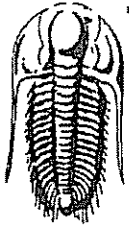
**Ziegler Trust 1-31**

Start Date: 2007.05.25 @ 07:16:01

End Date: 2007.05.25 @ 13:52:55

Job Ticket #: 27676                      DST #: 1

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



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

Ziegler Trust 1-31

301 S Market  
Wichita KS 67202

31 12 34W Gove KS

Job Ticket: 27676

DST#: 1

ATTN: Brad Rine

Test Start: 2007.05.25 @ 07:16:01

## GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock ft (KB)

Time Tool Opened: 09:19:26

Time Test Ended: 13:52:55

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4526.00 ft (KB) To 4575.00 ft (KB) (TVD)

Total Depth: 4575.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2961.00 ft (KB)

2956.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772 Inside

Press@RunDepth: 19.32 psig @ 4527.00 ft (KB)

Start Date: 2007.05.25

End Date:

2007.05.25

Start Time: 07:16:01

End Time:

13:52:55

Capacity: 7000.00 psig

Last Calib.: 2007.05.25

Time On Btm: 2007.05.25 @ 09:18:56

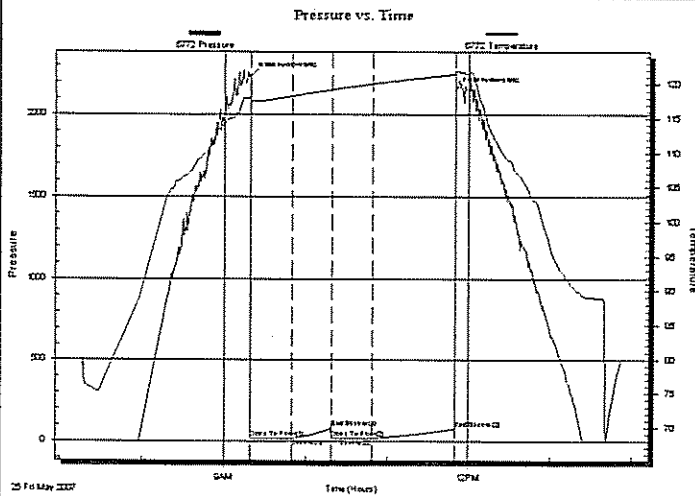
Time Off Btm: 2007.05.25 @ 11:49:55

TEST COMMENT: IF 1/4 blow died in 9 min.

IS No return

FF No blow

FS No return



## PRESSURE SUMMARY

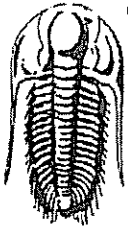
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2234.27	117.97	Initial Hydro-static
1	18.95	117.51	Open To Flow (1)
31	19.57	118.23	Shut-In(1)
60	82.64	119.18	End Shut-In(1)
60	19.59	119.19	Open To Flow (2)
91	19.32	120.04	Shut-In(2)
151	78.15	121.45	End Shut-In(2)
151	2146.59	121.93	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	OCM 5%O 95%M	0.07

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company

Ziegler Trust 1-31

301 S Market  
Wichita KS 67202

31 12 34W Gove KS

Job Ticket: 27676

DST#: 1

ATTN: Brad Rine

Test Start: 2007.05.25 @ 07:16:01

### Tool Information

Drill Pipe:	Length: 4536.00 ft	Diameter: 3.88 inches	Volume: 66.34 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 300000.0 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 65000.00 lb
			<u>Total Volume: 66.34 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	32.00 ft			String Weight: Initial 45000.00 lb
Depth to Top Packer:	4526.00 ft			Final 45000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	49.00 ft			
Tool Length:	71.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		
Tool Comments:				

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4505.00	
Shut In Tool	5.00			4510.00	
Hydraulic tool	5.00			4515.00	
Safety Joint	2.00			4517.00	
Packer	5.00			4522.00	22.00 Bottom Of Top Packer
Packer	4.00			4526.00	
Stubb	1.00			4527.00	
Recorder	0.00	6772	Inside	4527.00	
Perforations	10.00			4537.00	
Change Over Sub	1.00			4538.00	
Drill Pipe	31.00			4569.00	
Change Over Sub	1.00			4570.00	
Recorder	0.00	7437	Outside	4570.00	
Bullnose	5.00			4575.00	49.00 Bottom Packers & Anchor
<b>Total Tool Length:</b>	<b>71.00</b>				



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Ziegler Trust 1-31

301 S Market  
Wichita KS 67202

31 12 34W Gove KS

Job Ticket: 27676

DST#: 1

ATTN: Brad Rine

Test Start: 2007.05.25 @ 07:16:01

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	OCM 5%O 95%M	0.073

Total Length: 5.00 ft      Total Volume: 0.073 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

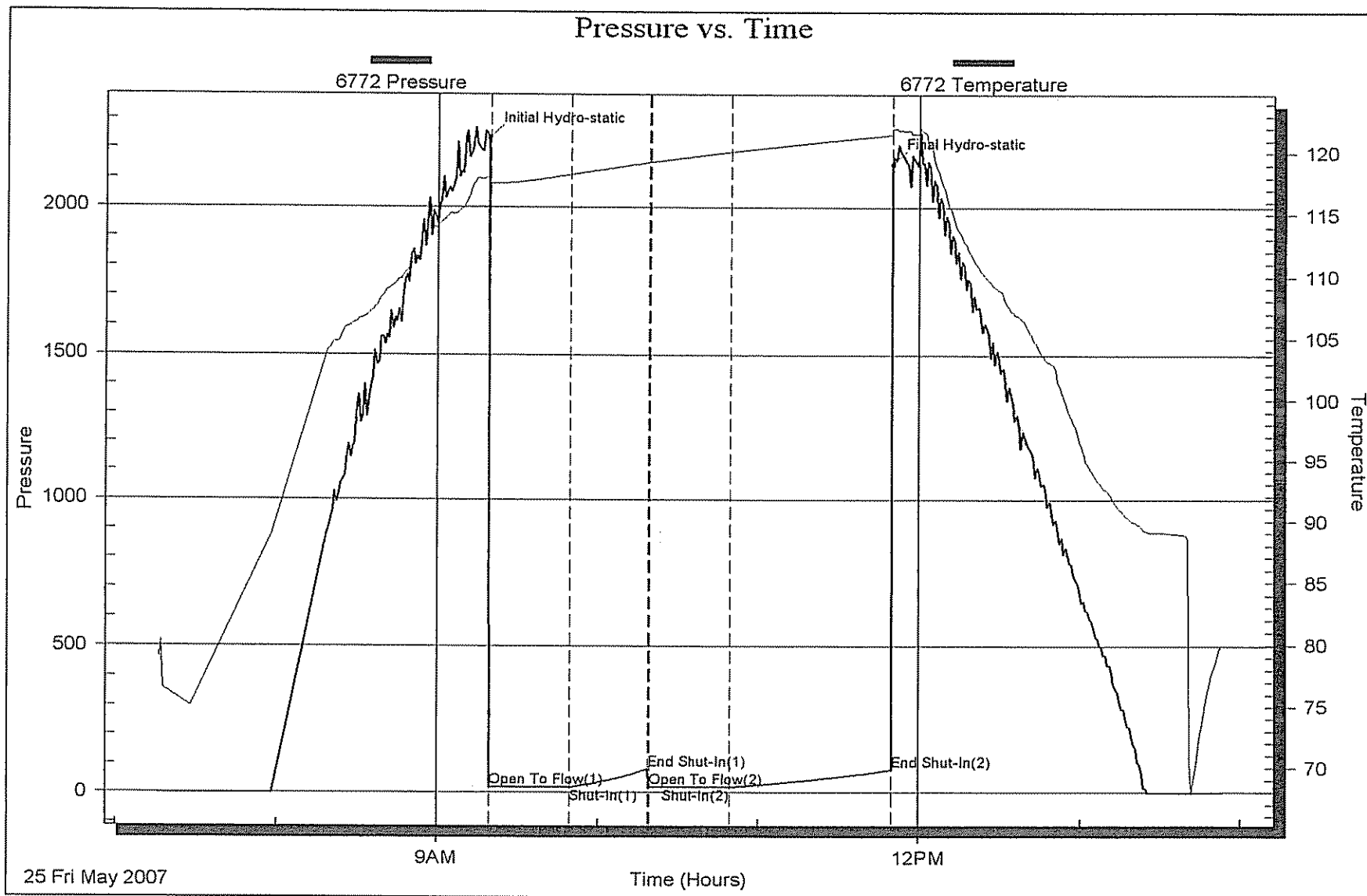
Serial #:

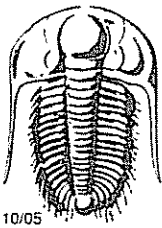
Laboratory Name:

Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27676

## Test Ticket

Well Name & No. Ziegler Trust #1-31 Test No. 1 Date 5-25-07  
 Company Lario Oil & Gas Company Zone Tested Johnson  
 Address 301 S. Market Wichita, KS 67202 Elevation 2961 KB 2956 GL  
 Co. Rep / Geo. Brad Rine Rig U91 #4  
 Location: Sec. 31 Twp. 12S Rge. 34W Co. 900E State KS  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4526 4575 Initial Str Wt./Lbs. 45000 Unseated Str Wt/Lbs. 45,000  
 Anchor Length \_\_\_\_\_ 49 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 65,000  
 Top Packer Depth \_\_\_\_\_ 4521 Tool Weight 1500  
 Bottom Packer Depth \_\_\_\_\_ 4528 Hole Size 7 7/8" ✓ Rubber Size 6 3/4" ✓  
 Total Depth \_\_\_\_\_ 4575 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run \_\_\_\_\_  
 Mud Wt. 9.0 LCM 1 Vis. 51 WL 7.2 Drill Pipe Size 4 1/2 x 4 Ft. Run 4536

Blow Description IF: 1/4 blow died in 9 min.  
IS: No return.  
FF: No blow.  
FS: No return.

Recovery - Total Feet 5 GIP \_\_\_\_\_ Ft. in DC \_\_\_\_\_ Ft. in DP 5  
 Rec. 5 Feet of OCM %gas 5 %oil \_\_\_\_\_ %water 95 %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 121 °F Gravity \_\_\_\_\_ °API D @ \_\_\_\_\_ °F Corrected Gravity \_\_\_\_\_ °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 2300 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2275</u> PSI	<u>6772</u>	<u>1200.00</u>
(B) First Initial Flow Pressure		<u>18</u> PSI	(depth) <u>4527</u>	Jars _____
(C) First Final Flow Pressure		<u>19</u> PSI	Recorder No. <u>7437</u>	Safety Jt. <u>75.00</u>
(D) Initial Shut-In Pressure		<u>82</u> PSI	(depth) <u>4574</u>	Circ Sub <u>X</u>
(E) Second Initial Flow Pressure		<u>19</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>19</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>78</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2219</u> PSI	Initial Shut-In <u>30</u>	Shale Packer _____
			Final Flow <u>30</u>	Ruined Packer _____
			Final Shut-In <u>60</u>	Mileage <u>80-100.00</u>

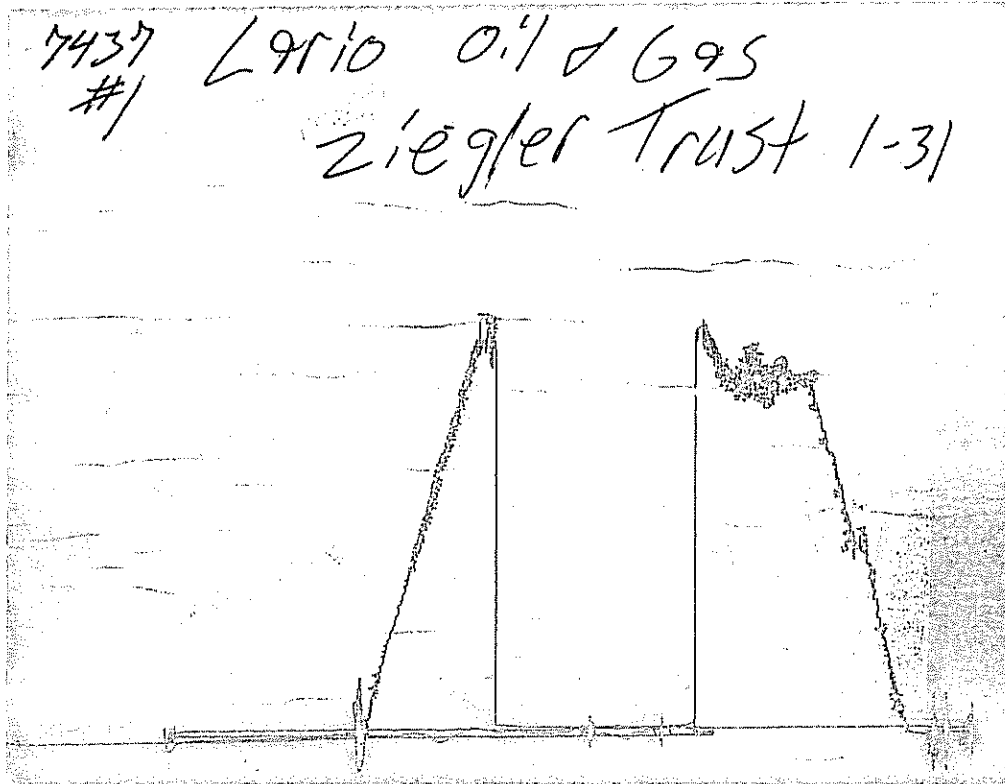
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

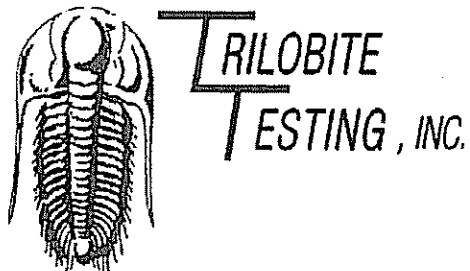
Approved By Brad Rine  
 Our Representative [Signature]

T-On Location 6:15 Sub Total: \_\_\_\_\_  
 T-Started 7:15 Std. By \_\_\_\_\_  
 T-Open 9:09 Acc. Chg: \_\_\_\_\_  
 T-Pulled 11:49 Other: 1375  
 T-Out 13:55 Total: \_\_\_\_\_

**CHART PAGE**

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





## DRILL STEM TEST REPORT

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

301 S Market  
Wichita KS 67202

ATTN: Brad Rine

**31 12 34W Gove KS**

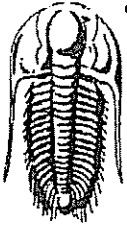
**Ziegler Trust 1-31**

Start Date: 2007.05.25 @ 23:13:57

End Date: 2007.05.26 @ 08:57:22

Job Ticket #: 27677                      DST #: 2

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



**TRILOBITE  
TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

Ziegler Trust 1-31

301 S Market  
Wichita KS 67202

31 12 34W Gove KS

Job Ticket: 27677

DST#: 2

ATTN: Brad Rine

Test Start: 2007.05.25 @ 23:13:57

## GENERAL INFORMATION:

Formation: Cherokee

Deviated: No Whipstock ft (KB)

Time Tool Opened: 01:27:07

Time Test Ended: 08:57:22

Test Type: Conventional Bottom Hole

Tester: Brandon Turley

Unit No: 35

Interval: 4567.00 ft (KB) To 4602.00 ft (KB) (TVD)

Total Depth: 4602.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2961.00 ft (KB)

2956.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 6772

Inside

Press@RunDepth: 443.00 psig @ 4568.00 ft (KB)

Start Date: 2007.05.25

End Date:

2007.05.26

Start Time: 23:13:57

End Time:

08:57:22

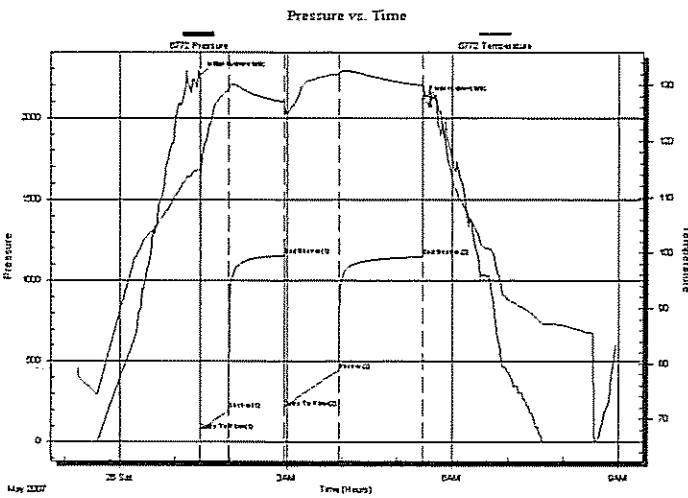
Capacity: 7000.00 psig

Last Calib.: 2007.05.26

Time On Blm: 2007.05.26 @ 01:26:52

Time Off Blm: 2007.05.26 @ 05:27:51

TEST COMMENT: IF 1/4 blow BOB in 3 min.  
IS Surface blow BOB in 6 min.  
FF Surface blow built to 6 in 60 min.  
FS Surface blow never built



## PRESSURE SUMMARY

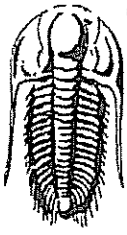
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2262.16	114.90	Initial Hydro-static
1	70.24	114.23	Open To Flow (1)
31	196.95	129.06	Shut-In(1)
91	1156.21	127.02	End Shut-In(1)
91	212.86	126.48	Open To Flow (2)
150	443.00	131.95	Shut-In(2)
241	1148.66	129.99	End Shut-In(2)
241	2109.49	130.29	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
124.00	GOCM 25%G 25%O 50%M	1.81
248.00	GOCM 20%G 10%O 70%M	3.63
620.00	GO 25%G 75%O	9.07
248.00	GO 15%G 85%O	3.63

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company  
301 S Market  
Wichita KS 67202  
ATTN: Brad Rine

Ziegler Trust 1-31  
31 12 34W Gove KS  
Job Ticket: 27677      DST#: 2  
Test Start: 2007.05.25 @ 23:13:57

### Tool Information

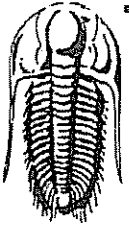
Drill Pipe:	Length: 4568.00 ft	Diameter: 3.88 inches	Volume: 66.80 bbl	Tool Weight: 1500.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight set on Packer: 30000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter: 0.00 inches	Volume: 0.00 bbl	Weight to Pull Loose: 70000.00 lb
			<u>Total Volume: 66.80 bbl</u>	Tool Chased 0.00 ft
Drill Pipe Above KB:	23.00 ft			String Weight: Initial 46000.00 lb
Depth to Top Packer:	4567.00 ft			Final 52000.00 lb
Depth to Bottom Packer:	ft			
Interval between Packers:	35.00 ft			
Tool Length:	57.00 ft			
Number of Packers:	2	Diameter: 6.75 inches		

Tool Comments:

### Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Stubb	1.00			4546.00	
Shut In Tool	5.00			4551.00	
Hydraulic tool	5.00			4556.00	
Safety Joint	2.00			4558.00	
Packer	5.00			4563.00	22.00      Bottom Of Top Packer
Packer	4.00			4567.00	
Stubb	1.00			4568.00	
Recorder	0.00	6772	Inside	4568.00	
Perforations	29.00			4597.00	
Recorder	0.00	7437	Outside	4597.00	
Bullnose	5.00			4602.00	35.00      Bottom Packers & Anchor

**Total Tool Length: 57.00**



**TRILOBITE**  
TESTING, INC

# DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

Ziegler Trust 1-31

301 S Market  
Wichita KS 67202

31 12 34W Gove KS

Job Ticket: 27677

DST#: 2

ATTN: Brad Rine

Test Start: 2007.05.25 @ 23:13:57

## Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 35 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 51.00 sec/qt	Cushion Volume: bbl	
Water Loss: 7.19 in <sup>3</sup>	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 2300.00 ppm		
Filter Cake: 1.00 inches		

## Recovery Information

Recovery Table

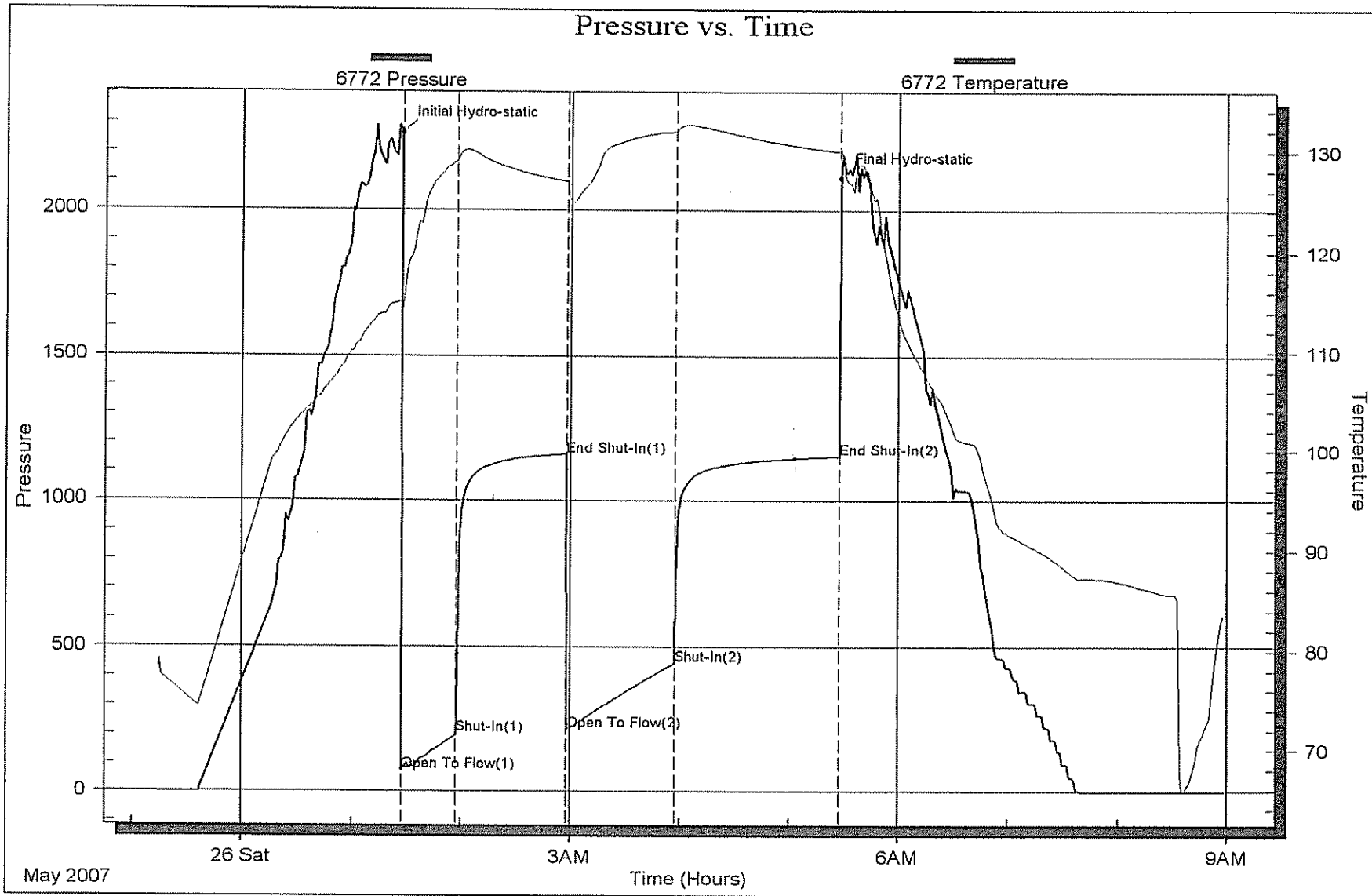
Length ft	Description	Volume bbl
124.00	GOCM 25%G 25%O 50%M	1.813
248.00	GOCM 20%G 10%O 70%M	3.627
620.00	GO 25%G 75%O	9.067
248.00	GO 15%G 85%O	3.627

Total Length: 1240.00 ft      Total Volume: 18.134 bbl

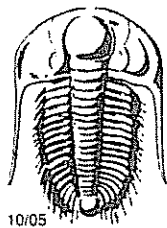
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:

Laboratory Name:      Laboratory Location:

Recovery Comments:







# TRILOBITE TESTING INC.

P.O. Box 362 • Hays, Kansas 67601

27677

## Test Ticket

Well Name & No. Ziegler Trust 131 Test No. 2 Date 5-25-07  
 Company Lario Oil & Gas Company Zone Tested Cherokee  
 Address 301 S. Market Wichita, KS 67202 Elevation 2961 KB 2956 GL  
 Co. Rep / Geo. Brad Rine Rig W91 #4  
 Location: Sec. 31 Twp. 12S Rge. 34W Co. 900L State KS  
 Comment: \_\_\_\_\_ Release date / time: \_\_\_\_\_

Interval Tested 4567 4602 Initial Str Wt./Lbs. 46,000 Unseated Str Wt./Lbs. 52,000  
 Anchor Length \_\_\_\_\_ 35 Wt. Set Lbs. 30,000 Wt. Pulled Loose/Lbs. 70,000  
 Top Packer Depth \_\_\_\_\_ 4562 Tool Weight 1500  
 Bottom Packer Depth \_\_\_\_\_ 4567 Hole Size 7 7/8"  Rubber Size 6 3/4"   
 Total Depth \_\_\_\_\_ 4602 Wt. Pipe Run \_\_\_\_\_ Drill Collar Run \_\_\_\_\_  
 Mud Wt. 9.0 LCM 1 Vis. 51 WL 7.2 Drill Pipe Size 4 1/2 KH Ft. Run 4568  
 Blow Description IF: 1/4 blow BOB in 3 min.  
IS: Surface blow BOB in 6 min.  
FF: 1/4 blow built to 6 in 60 min.  
FS: Surface blow never built.

Recovery - Total Feet 1240 GIP 2728 Ft. in DC \_\_\_\_\_ Ft. in DP 1240  
 Rec. 248 Feet of 90 15% gas 85% oil %water %mud  
 Rec. 620 Feet of 90 25% gas 75% oil %water %mud  
 Rec. 248 Feet of 90 LCM 20% gas 10% oil %water 70 %mud  
 Rec. 124 Feet of 90 LCM 25% gas 25% oil %water 50 %mud  
 Rec. \_\_\_\_\_ Feet of \_\_\_\_\_ %gas %oil %water %mud  
 BHT 129 °F Gravity 35 °API D @ 60 °F Corrected Gravity 35 °API  
 RW \_\_\_\_\_ @ \_\_\_\_\_ °F Chlorides \_\_\_\_\_ ppm Recovery \_\_\_\_\_ Chlorides 2300 ppm System

	AK-1	Alpine	Recorder No.	Test
(A) Initial Hydrostatic Mud		<u>2336</u> PSI	<u>6772</u>	<u>1200.00</u>
(B) First Initial Flow Pressure		<u>70</u> PSI	(depth) <u>4568</u>	Jars _____
(C) First Final Flow Pressure		<u>196</u> PSI	Recorder No. <u>7437</u>	Safety Jt. <u>X 75.00</u>
(D) Initial Shut-In Pressure		<u>1156</u> PSI	(depth) <u>4601</u>	Circ Sub <u>X N/C</u>
(E) Second Initial Flow Pressure		<u>212</u> PSI	Recorder No. _____	Sampler _____
(F) Second Final Flow Pressure		<u>443</u> PSI	(depth) _____	Straddle _____
(G) Final Shut-In Pressure		<u>1148</u> PSI	Initial Opening <u>30</u>	Ext. Packer _____
(Q) Final Hydrostatic Mud		<u>2191</u> PSI	Initial Shut-In <u>60</u>	Shale Packer _____
			Final Flow <u>60</u>	Ruined Packer <u>X</u>
			Final Shut-In <u>90</u>	Mileage <u>80-100.00</u>

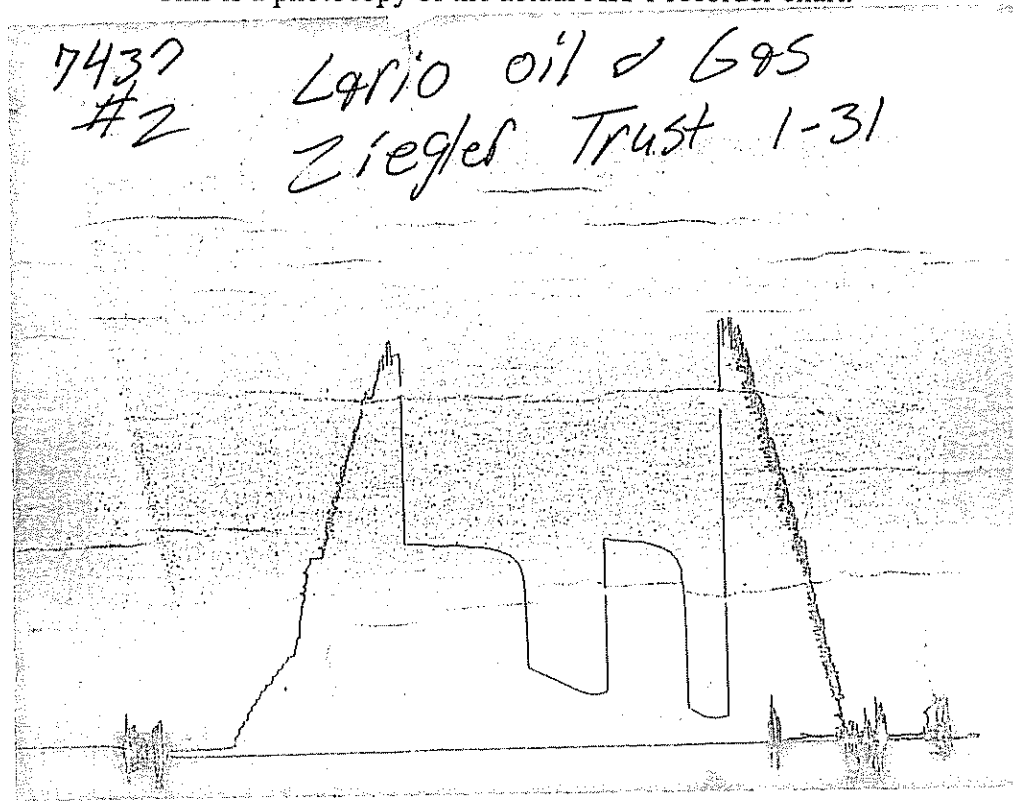
TRILOBITE TESTING INC. SHALL NOT BE LIABLE FOR DAMAGED OF ANY KIND OF THE PROPERTY OR PERSONNEL OF THE ONE FOR WHOM A TEST IS MADE, OR FOR ANY LOSS SUFFERED OR SUSTAINED, DIRECTLY OR INDIRECTLY, THROUGH THE USE OF ITS EQUIPMENT, OR ITS STATEMENTS OR OPINION CONCERNING THE RESULTS OF ANY TEST. TOOLS LOST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

Approved By Brad Rine  
 Our Representative [Signature]

T-On Location 22:20 Sub Total: \_\_\_\_\_  
 T-Started 23:13 Std. By 1/2 50  
 T-Open 1:26 Acc. Chg: \_\_\_\_\_  
 T-Pulled 5:26 Other: 71425  
 T-Out 9:00 Total: 71425

**CHART PAGE**

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



Allied Cementing Co., LLC  
 24 S. Lincoln  
 P.O. Box 31  
 Russell, KS 67665

\*\*\*\*\*  
 \* \* \* \* \*  
 \* I N V O I C E \*  
 \* \* \* \* \*  
 \*\*\*\*\*

Invoice Number: 108972

Invoice Date: 05/30/07

Sold Lario Oil & Gas Co.  
 To: P. O. Box 307  
 Kingman, KS  
 67068

*Jim Holladay*  
 6.6.07

Cust I.D.....: Lario AFE #07-014  
 P.O. Number...: Ziegler Trust #1  
 P.O. Date.....: 05/30/07 (Longstring casing)

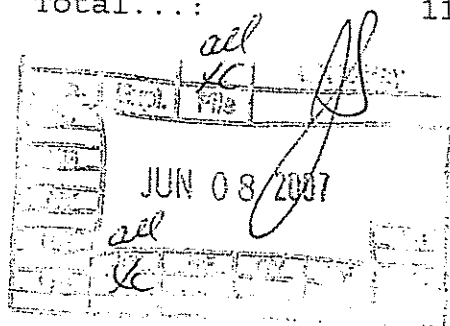
Due Date.: 06/29/07  
 Terms....: Net 30

Salesperson...:

Item I.D./Desc.	Ordered	Unit	Price	Net	TX
Gel	3.00	SKS	16.6500	49.95	T
ASC	185.00	SKS	14.2000	2627.00	T
Salt	18.00	SKS	19.2000	345.60	T
Gilsonite	925.00	LBS	0.7000	647.50	T
WFR-2	500.00	GAL	1.0000	500.00	T
Handling	234.00	SKS	1.9000	444.60	E
Mileage	14.00	MILE	21.0600	294.84	E
234 sks @>09 per sk per mi					
Bottom Stage	1.00	JOB	1750.0000	1750.00	E
Mileage pmp trk	14.00	MILE	6.0000	84.00	E
Head Rent	1.00	PER	100.0000	100.00	E
Latch Down	1.00	EACH	325.0000	325.00	T
AFU Float Shoe	1.00	EACH	200.0000	200.00	T
G. Cent.	9.00	EACH	60.0000	540.00	T
Basket	1.00	EACH	130.0000	130.00	T
Stage Collar	1.00	EACH	3250.0000	3250.00	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of 1128.85  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 11288.49  
 Tax.....: 607.36  
 Payments: 0.00  
 Total....: 11895.85



# ALLIED CEMENTING CO., INC.

28560

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

OAKLEY

DATE <u>5-27-07</u>	SEC <u>31</u>	TWP. <u>12S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>4:30 PM</u>	JOB START <u>11:15 PM</u>	JOB FINISH <u>11:50 PM</u>
LEASE <u>ZIEGLER</u>	WELL# <u>1-31</u>	LOCATION <u>OAKLEY 115-3E-N IN</u>			COUNTY <u>GOVE</u>	STATE <u>KS</u>	
OLD OR <input checked="" type="radio"/> NEW (Circle one)							

CONTRACTOR <u>VIA ORLG. REG<sup>®</sup></u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PRODUCTION STRING "BOTTOM STAGE"</u>	
HOLE SIZE <u>7 7/8"</u> T.D. <u>4750'</u>	CEMENT
CASING SIZE <u>4 1/2"</u> DEPTH <u>4758'</u>	AMOUNT ORDERED <u>185 SKS ASC 10% SALT</u>
TUBING SIZE	<u>5# GELSONETE 2% GEL</u>
DRILL PIPE	
TOOL <u>D-V</u> DEPTH <u>2224'</u>	
PRES. MAX	
MEAS. LINE	SHOE JOINT <u>21.64</u>
CEMENT LEFT IN CSG. <u>21.64'</u>	
PERFS.	
DISPLACEMENT <u>36 BBLs WATER 39 1/4 BBLs MUD</u>	
EQUIPMENT <u>TOTAL 75 1/4 BBLs</u>	

PUMP TRUCK # <u>422</u>	CEMENTER <u>TERAY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>386</u>	DRIVER <u>DARRIN</u>
BULK TRUCK # <u>394</u>	DRIVER <u>LONNIE</u>

COMMON	@		
POZMIX	@		
GEL <u>3 SKS</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	@		
ASC <u>185 SKS</u>	@	<u>14.20</u>	<u>2627.00</u>
<u>SALT 18 SKS</u>	@	<u>19.20</u>	<u>345.60</u>
<u>GELSONETE 925#</u>	@	<u>7.70</u>	<u>647.50</u>
<u>WFR-2 500 GAL</u>	@	<u>1.00</u>	<u>500.00</u>
HANDLING <u>234 SKS</u>	@	<u>1.90</u>	<u>444.60</u>
MILEAGE <u>94 PER SR / MILE</u>			<u>294.84</u>
TOTAL			<u>4909.49</u>

REMARKS:

MIX 500 GAL WFR-2, 185 SKS ASC 10% SALT 5# GELSONETE 2% GEL. WASH TRUCK & LINES  
DISPLACE 36 BBLs WATER 39 1/4 BBLs MUD  
PLUG LANDED AT 1500 PSI.  
FLOAT HELD. DROP BUMP WAIT 15 MIN. OPEN D-V TOOL. CIRCULATE 3 HRS.

THANK YOU

CHARGE TO: LARRY BILGERS, CO  
 STREET P.O. BOX 784  
 CITY HAYS STATE KS ZIP 67601

AFE# 07-014

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Larry Karlin

SERVICE

DEPTH OF JOB	<u>4758'</u>		
PUMP TRUCK CHARGE			<u>1750.00</u>
EXTRA FOOTAGE	@		
MILEAGE <u>14 MI</u>	@	<u>6.00</u>	<u>84.00</u>
MANIFOLD	@		
<u>HEAD RENTAL</u>	@		<u>100.00</u>
TOTAL			<u>1934.00</u>

4 1/2" PLUG & FLOAT EQUIPMENT

<u>1- Latch down Plug Assy Flex Plug</u>		<u>325.00</u>	
<u>1- MPU Float Shoe</u>	@		<u>200.00</u>
<u>9- Turbo Centralizers</u>	@	<u>60.00</u>	<u>540.00</u>
<u>1- BASKET</u>	@		<u>130.00</u>
<u>1- STAGE COLLAR</u>	@		<u>325.00</u>
TOTAL			<u>4445.00</u>

TAX \_\_\_\_\_

TOTAL CHARGE \_\_\_\_\_

DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Larry Karlin

PRINTED NAME

Allied Cementing Co., LLC  
 24 S. Lincoln  
 P.O. Box 31  
 Russell, KS 67665

\*\*\*\*\*  
 \* I N V O I C E \*  
 \*\*\*\*\*

Invoice Number: 108973

Invoice Date: 05/30/07

Sold Lario Oil & Gas Co.  
 To: P. O. Box 307  
 Kingman, KS  
 67068

*Jim Balleghy*  
 6-6-07

Cust I.D.....: Lario AFE #07-014  
 P.O. Number...: Ziegler Trust #1  
 P.O. Date.....: 05/30/07 (Longstring casing)

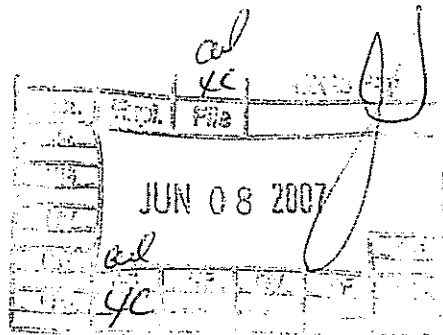
Due Date.: 06/29/07  
 Terms....: Net 30

Salesperson..:

Item I.D./Desc.	Ordered	Unit	Price	Net	TX
Lite	550.00	SKS	10.7500	5912.50	T
FloSeal	138.00	LBS	2.0000	276.00	T
Handling	620.00	SKS	1.9000	1178.00	E
Mileage	14.00	MILE	55.8000	781.20	E
620 sks @.09 per sk per mi					
Top Stage	1.00	JOB	955.0000	955.00	E

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of 910.27  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 9102.70  
 Tax.....: 436.29  
 Payments: 0.00  
 Total....: 9538.99



# ALLIED CEMENTING CO., INC.

28561

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

OKLEY

DATE <u>5-27-07</u>	SEC. <u>31</u>	TWP. <u>12S</u>	RANGE <u>31W</u>	CALLED OUT	ON LOCATION <u>4:30 AM</u>	JOB START <u>3:00 AM</u>	JOB FINISH <u>4:45 AM</u>
LEASE <u>ZIESER</u>	WELL# <u>1-31</u>		LOCATION <u>OKLEY 115-3E-NEW</u>		COUNTY <u>GOVE.</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR <u>VAI DRILL RIG #</u>	OWNER <u>SAME</u>
TYPE OF JOB <u>PRODUCTION STRING "TOP STAGE"</u>	
HOLE SIZE <u>7 7/8"</u> T.D. <u>4750'</u>	CEMENT
CASING SIZE <u>4 1/2"</u> DEPTH <u>4758'</u>	AMOUNT ORDERED
TUBING SIZE DEPTH	<u>575 SKS LTE 1/4" # FLO-SEAL</u>
DRILL PIPE DEPTH	<u>USED 550 SKS LTE 1/4" # FLO-SEAL</u>
TOOL <u>D-U</u> DEPTH <u>2224'</u>	
PRES. MAX MINIMUM	COMMON _____ @ _____
MEAS. LINE SHOE JOINT <u>21.64'</u>	POZMIX _____ @ _____
CEMENT LEFT IN CSG. <u>21.64'</u>	GEL _____ @ _____
PERFS.	CHLORIDE _____ @ _____
DISPLACEMENT <u>35 1/4 BBLs</u>	ASC _____ @ _____

**EQUIPMENT**

PUMP TRUCK # <u>422</u>	CEMENTER <u>TERRY</u>
	HELPER <u>WAYNE</u>
BULK TRUCK # <u>386</u>	DRIVER <u>DARRIN</u>
BULK TRUCK # <u>394</u>	DRIVER <u>LONNIE</u>

<u>LTE 550 SKS</u>	@ <u>10.75</u>	<u>5912.50</u>
<u>FLO-SEAL 138#</u>	@ <u>2.00</u>	<u>276.00</u>
HANDLING <u>620 SKS</u>	@ <u>1.90</u>	<u>1178.00</u>
MILEAGE <u>94 PER SK / MILE</u>		<u>781.00</u>
TOTAL		<u>8147.50</u>

**REMARKS:**

MEX 15 SKS RAT HOLE. MEX 10 SKS  
MOUSE HOLE. MEX ~~525~~ 525 SKS  
DOWN N/A CASING. WASH TRUCK & LINES  
DISPLACE 35 1/4 BBLs WATER. PLUG  
LANDED AT 1700 PSI. D-U TOOL  
HELD. PLUG DOWN AT 4:15 AM.  
CIRCULATED 36 BBL CEMENT TO SET  
CEMENT OK - CIRC.

THANK YOU

CHARGE TO: LARIO OIL & GAS, CO  
STREET: P.O. BOX 784  
CITY: HAYS STATE: Ks ZIP: 67601

AFE # 07-014

To Allied Cementing Co., Inc.  
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE

Larry Karlin

**SERVICE**

DEPTH OF JOB	<u>2224'</u>
PUMP TRUCK CHARGE	<u>955.00</u>
EXTRA FOOTAGE	@ _____
MILEAGE <u>14 MI</u>	@ _____
MANIFOLD	@ _____
TOTAL	<u>955.00</u>

**PLUG & FLOAT EQUIPMENT**

_____	@ _____
_____	@ _____
_____	@ _____
_____	@ _____
TOTAL	_____

TAX \_\_\_\_\_  
TOTAL CHARGE \_\_\_\_\_  
DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

Larry Karlin

PRINTED NAME

Allied Cementing Co., LLC  
 24 S. Lincoln  
 P.O. Box 31  
 Russell, KS 67665

\*\*\*\*\*  
 \*  
 \* I N V O I C E \*  
 \*  
 \*\*\*\*\*

Invoice Number: 108797

Invoice Date: 05/23/07

Sold Lario Oil & Gas Co.  
 To: P. O. Box 307  
 Kingman, KS  
 67068

Cust I.D.....: Lario AFE #07-014  
 P.O. Number...: Ziegler Trust #1  
 P.O. Date.....: 05/23/07 (Surface casing)

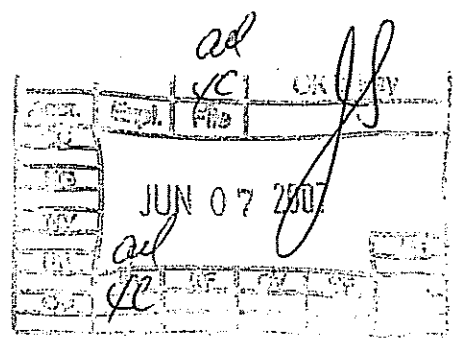
Due Date.: 06/22/07  
 Terms....: Net 30

Salesperson...: *Don D... 6-8-07*

Item I.D./Desc.	Ordered	Unit	Price	Net	TX
Common	190.00	SKS	12.2000	2318.00	T
Gel	3.00	SKS	16.6500	49.95	T
Chloride	6.00	SKS	46.6000	279.60	T
Handling	199.00	SKS	1.9000	378.10	E
Mileage	14.00	MILE	17.9100	250.74	E
199 sks @.09 per sk per mi					
Surface	1.00	JOB	815.0000	815.00	E
Mileage pmp trk	14.00	MILE	6.0000	84.00	E
Plug	1.00	JOB	60.0000	60.00	T

All Prices Are Net, Payable 30 Days Following  
 Date of Invoice. 1 1/2% Charged Thereafter.  
 If Account CURRENT take Discount of 423.54  
 ONLY if paid within 30 days from Invoice Date

Subtotal: 4235.39  
 Tax.....: 190.88  
 Payments: 0.00  
 Total....: 4426.27



# ALLIED CEMENTING CO., INC. 25916

Federal Tax I.D.# 48-0727860

REMIT TO P.O. BOX 31  
RUSSELL, KANSAS 67665

SERVICE POINT:

DATE <u>5-18-07</u>	SEC. <u>31</u>	TWP. <u>12</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>12:30 AM</u>	JOB FINISH <u>1:00 AM</u>
LEASE <u>Ziesler Trust</u>	WELL # <u>1-31</u>	LOCATION <u>83 + Grove Rd 2 ←</u>			COUNTY <u>Grover</u>	STATE <u>Ks</u>	
OLD OR <u>NEW</u> (Circle one)							

CONTRACTOR Lial  
 TYPE OF JOB Subsac  
 HOLE SIZE 12 1/4 T.D. 321'  
 CASING SIZE 8 7/8 DEPTH 310'  
 TUBING SIZE DEPTH  
 DRILL PIPE DEPTH  
 TOOL DEPTH  
 PRES. MAX MINIMUM  
 MEAS. LINE SHOE JOINT  
 CEMENT LEFT IN CSG. 15'  
 PERFS.  
 DISPLACEMENT 18.374 BBL

OWNER Sam  
 CEMENT  
 AMOUNT ORDERED 190 com 300cc  
290cc

EQUIPMENT  
 PUMP TRUCK CEMENTER Fuzzy  
 # 422 HELPER Rally  
 BULK TRUCK  
 # 377 DRIVER Alvin  
 BULK TRUCK  
 # DRIVER

COMMON	<u>190</u>	@	<u>12.20</u>	<u>2318.00</u>
POZMIX		@		
GEL	<u>3</u>	@	<u>16.65</u>	<u>49.95</u>
CHLORIDE	<u>6</u>	@	<u>46.00</u>	<u>276.00</u>
ASC		@		
		@		
		@		
		@		
		@		
		@		
		@		
		@		
HANDLING	<u>199</u>	@	<u>1.95</u>	<u>378.10</u>
MILEAGE	<u>109.45</u>	@	<u>2.30</u>	<u>251.73</u>
TOTAL				<u>3276.39</u>

REMARKS:

Cement dial circulate

Plus down @ 12:45 AM

Thanks Fuzzy crew

CHARGE TO: Lario  
 STREET \_\_\_\_\_  
 CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

SERVICE

DEPTH OF JOB	<u>310'</u>		
PUMP TRUCK CHARGE			<u>815.00</u>
EXTRA FOOTAGE		@	
MILEAGE	<u>141</u>	@	<u>6.00</u>
MANIFOLD		@	
		@	
		@	
TOTAL			<u>899.00</u>

PLUG & FLOAT EQUIPMENT

<u>1.875 plug</u>	@		
	@		<u>60.00</u>
	@		
	@		
TOTAL			<u>60.00</u>

To Allied Cementing Co., Inc.  
 You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or contractor. I have read & understand the "TERMS AND CONDITIONS" listed on the reverse side.

TAX \_\_\_\_\_  
 TOTAL CHARGE \_\_\_\_\_  
 DISCOUNT \_\_\_\_\_ IF PAID IN 30 DAYS

SIGNATURE Terry Roberts

Terry Roberts  
 PRINTED NAME



Conservation Division  
Finney State Office Building  
130 S. Market, Rm. 2078  
Wichita, KS 67202-3802



phone: 316-337-6200  
fax: 316-337-6211  
<http://kcc.ks.gov/>

Thomas E. Wright, Chairman  
Ward Loyd, Commissioner

Corporation Commission

Sam Brownback, Governor

February 07, 2011

Jay G. Schweikert  
Lario Oil & Gas Company  
301 S MARKET ST  
WICHITA, KS 67202-3805

Re: ACO1  
API 15-063-21875-00-00  
Ziegler Trust 2-31  
SE/4 Sec.31-12S-31W  
Gove County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,  
Jay G. Schweikert