



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1110063  
OIL & GAS CONSERVATION DIVISION

Form ACO-1  
August 2013

Form must be Typed  
Form must be Signed  
All blanks must be Filled

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
- Plug Back       Conv. to GSW       Conv. to Producer
- 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

GPS Location: Lat: \_\_\_\_\_, Long: \_\_\_\_\_  
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum:  NAD27       NAD83       WGS84

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

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

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

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

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

Total Vertical 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

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



1110063

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

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

**INSTRUCTIONS:** Show important tops 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.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to [kcc-well-logs@kcc.ks.gov](mailto:kcc-well-logs@kcc.ks.gov). Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

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  List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample  Name Top Datum
--	---

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
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*  
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*  
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No *(If No, fill out Page Three of the ACO-1)*

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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>	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	W & E Farms 3-32
Doc ID	1110063

Tops

Name	Top	Datum
Heebner	3970	-998
Lansing	4011	-1039
Stark Shale	4236	-1264
Hushpuckney	4272	-1300
Base KC	4306	-1334
Marmaton	4346	-1374
Pawnee	4440	-1468
Ft. Scott	4466	-1494
Johnson	4563	-1591
Morrow	4580	-1608
Mississippian	4595	-1623
Spergen	4678	-1706

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/>

Mark Sievers, Chairman  
Thomas E. Wright, Commissioner  
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

February 15, 2013

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

Re: ACO1  
API 15-063-22075-00-00  
W & E Farms 3-32  
SW/4 Sec.32-12S-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 Schweikert



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

MAIN OFFICE  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 256138

=====  
Invoice Date: 01/23/2013 Terms: 15/15/30,n/30 Page 1  
=====

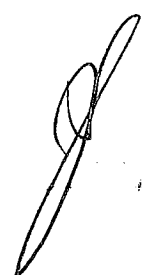
LARIO OIL & GAS  
P.O. BOX 1093  
GARDEN CITY KS 637846  
(316)265-5611

W & E FARMS <sup>#</sup> 3-32  
39257  
32-12-31  
01-22-2013  
KS  
drilling  
AFB 13-008  
1-28-13 LR

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	175.00	17.6500	3088.75
1102	CALCIUM CHLORIDE (50#)	493.00	.8900	438.77
1118B	PREMIUM GEL / BENTONITE	329.00	.2500	82.25
1111	SODIUM CHLORIDE (GRANULA	100.00	.0000	.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-541.47
9995-130	CEMENT EQUIPMENT DISCOUNT	-231.75

Description	Hours	Unit Price	Total
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
466 MIN. BULK DELIVERY	1.00	410.00	410.00

al  
4C  
  
al  
4C

Amount Due 5445.35 if paid after 02/22/2013

=====  
Parts: 3609.77 Freight: .00 Tax: 246.99 AR 4628.54  
Labor: .00 Misc: .00 Total: 4628.54  
Sublt: -773.22 Supplies: .00 Change: .00  
=====

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

256138

TICKET NUMBER 39257  
LOCATION Oakley, KS  
FOREMAN Kelly Gabel

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-22-13	4793	W&E Farms	32	125	31 <sup>W</sup>	Govt
CUSTOMER <u>Laido oil &amp; gas</u>			OAKLEY			
MAILING ADDRESS			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY			4163	Colyn D		
STATE			466	Jelena		
ZIP CODE				Mike	Ride along	

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 268 CASING SIZE & WEIGHT 8 5/8 24.1#  
 CASING DEPTH 268 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 148 SLURRY VOL. \_\_\_\_\_ WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 15 3/4 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: safety meeting, rigged up on Val #7, hooked up to circulate, mixed 175 sks com 370cc 2% gel, displaced with 15 3/4 bbl water, shut in, washed out pumps & lines rigged down.

Cement did circulate

Approx 4 bbl to pit

*Thank You  
Kelly & crew*

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
54015	1	PUMP CHARGE	1085.00	1085.00
5406	10 mi	MILEAGE	5.00	50.00
11045	175 sks	class A cement	17.65	3088.75
1102	493#	calcium chloride	1.89	438.27
11183	329	Bentonite	1.25	82.25
5407	8.22	Ton Mileage delivery	167	410.00
111	100#	salt		NC
<b>completed!</b>				
<u>As per bid</u>				5154.77
<u>Less 15% disc</u>				773.22
				4381.55
SALES TAX				246.99
ESTIMATED TOTAL				4628.54

Ravin 3737

11:00 PM  
AUTHORIZATION JAMES SHULTZ TITLE \_\_\_\_\_

DATE 1-22-13

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.



**CONSOLIDATED**  
Oil Well Services, LLC

**REMIT TO**  
Consolidated Oil Well Services, LLC  
Dept. 970  
P.O. Box 4346  
Houston, TX 77210-4346

**MAIN OFFICE**  
P.O. Box 884  
Chanute, KS 66720  
620/431-9210 • 1-800/467-8676  
Fax 620/431-0012

INVOICE

Invoice # 256453

Invoice Date: 02/07/2013 Terms: 10/10/30,n/30 Page 1

LARIO OIL & GAS  
P.O. BOX 1093  
GARDEN CITY KS 637846  
(316)265-5611

*drilling AFE 13-008 W & E FARMS 3-32*  
37297  
32-12-31  
02-02-2013  
KS

Part Number	Description	Qty	Unit Price	Total
1131	60/40 POZ MIX	220.00	15.1000	3322.00
1118B	PREMIUM GEL / BENTONITE	757.00	.2500	189.25
1107	FLO-SEAL (25#)	55.00	2.8200	155.10
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-376.24
9995-130	CEMENT EQUIPMENT DISCOUNT	-178.50

Description	Hours	Unit Price	Total
463 P & A NEW WELL	1.00	1325.00	1325.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
693 MIN. BULK DELIVERY	1.00	410.00	410.00

*al fc*  
*AF# 13-008*  
FEB 13 2013  
*al fc*

Amount Due 5850.22 if paid after 03/09/2013

Parts:	3762.35	Freight:	.00	Tax:	272.58	AR	5265.19
Labor:	.00	Misc:	.00	Total:	5265.19		
Sublt:	-554.74	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

256453

TICKET NUMBER 37297  
LOCATION Oakley KS  
FOREMAN Fuzz 4

PO Box 884, Chanute, KS 66720  
620-431-9210 or 800-467-8676

**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
2-2-13	4793	W+E Farms 3-32	32	12	31	Gove <sup>KS</sup>
CUSTOMER			TRUCK #			
Lario Oil & Gas			463	Com D		
MAILING ADDRESS			693	Jordan L		
CITY						
STATE						
ZIP CODE						

JOB TYPE PTA HOLE SIZE 77/8 HOLE DEPTH 4750' CASING SIZE & WEIGHT \_\_\_\_\_  
 CASING DEPTH \_\_\_\_\_ DRILL PIPE 4 1/2 TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 1.40 SLURRY VOL 14.1 WATER gal/sk \_\_\_\_\_ CEMENT LEFT In CASING \_\_\_\_\_  
 DISPLACEMENT \_\_\_\_\_ DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting on Val #7 Ricup and plug as ordered  
25 SKS @ 2490  
100 SKS @ 1614' 220 SKS 60/40 490 gal 1/4" Flossal  
40 SKS @ 320'  
10 SKS @ 40' w/plug  
15 SKS MH  
30 SKS RH

Thanks Fuzz & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405N	1	PUMP CHARGE	1325.00	1325.00
5406	10	MILEAGE	5.00	50.00
5407	9.5 down	Tow Mileage Delivery (min)	410.00	410.00
1131	220 SKS	60/40 pos	15.10	3322.00
118B	757*	Bentowite	.25	189.25
1107	55*	Flossal	2.82	155.10
4432	1	8 5/8 wood cup plug	96.00	96.00
		subtotal		5547.35
		less 1090		5547.4
		subtotal		4992.61

completed

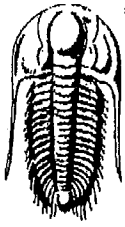
SALES TAX 272.58  
ESTIMATED TOTAL 5265.19

AUTHORIZATION Jose Muñoz TITLE Driller

DATE \_\_\_\_\_

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form





**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Co.

**S32-12s-31w Gove, KS**

301 S. Market St.  
Wichita, KS 67202

**W&E Farms #3-3**

Job Ticket: 45999

**DST#: 1**

ATTN: Steve Davis

Test Start: 2013.01.27 @ 12:18:00

## GENERAL INFORMATION:

Formation: **Toronto**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:23:50

Time Test Ended: 18:24:20

Test Type: Conventional Bottom Hole (Initial)

Tester: Chuck Smith

Unit No: 62

Interval: **3974.00 ft (KB) To 4008.00 ft (KB) (TVD)**

Reference Elevations: 2972.00 ft (KB)

Total Depth: 4008.00 ft (KB) (TVD)

2962.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

## Serial #: 8018

Inside

Press@RunDepth: 23.25 psig @ 3980.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.01.27

End Date:

2013.01.27

Last Calib.: 2013.01.27

Start Time: 12:18:02

End Time:

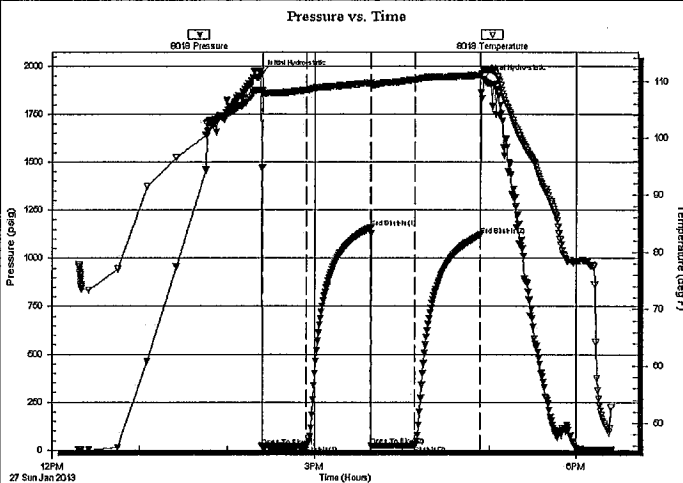
18:24:20

Time On Btm: 2013.01.27 @ 14:22:30

Time Off Btm: 2013.01.27 @ 16:55:39

## TEST COMMENT:

Surface blow.  
No return.  
No blow.  
No return.



## PRESSURE SUMMARY

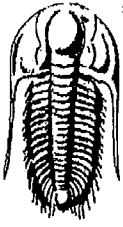
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1959.97	108.45	Initial Hydro-static
2	19.84	107.70	Open To Flow (1)
32	21.14	108.46	Shut-In(1)
76	1157.82	109.71	End Shut-In(1)
76	21.72	109.09	Open To Flow (2)
106	23.25	110.27	Shut-In(2)
152	1121.14	111.10	End Shut-In(2)
154	1936.63	111.94	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
15.00	M 100m	0.21

## Gas Rates

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



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil & Gas Co.

**S32-12s-31w Gove, KS**

301 S. Market St.  
Wichita, KS 67202

**W&E Farms #3-3**

Job Ticket: 45999

**DST#: 1**

ATTN: Steve Davis

Test Start: 2013.01.27 @ 12:18:00

**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: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 8.79 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 2400.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	M 100m	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

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

Laboratory Name:      Laboratory Location:

Recovery Comments:

Serial #: 8018

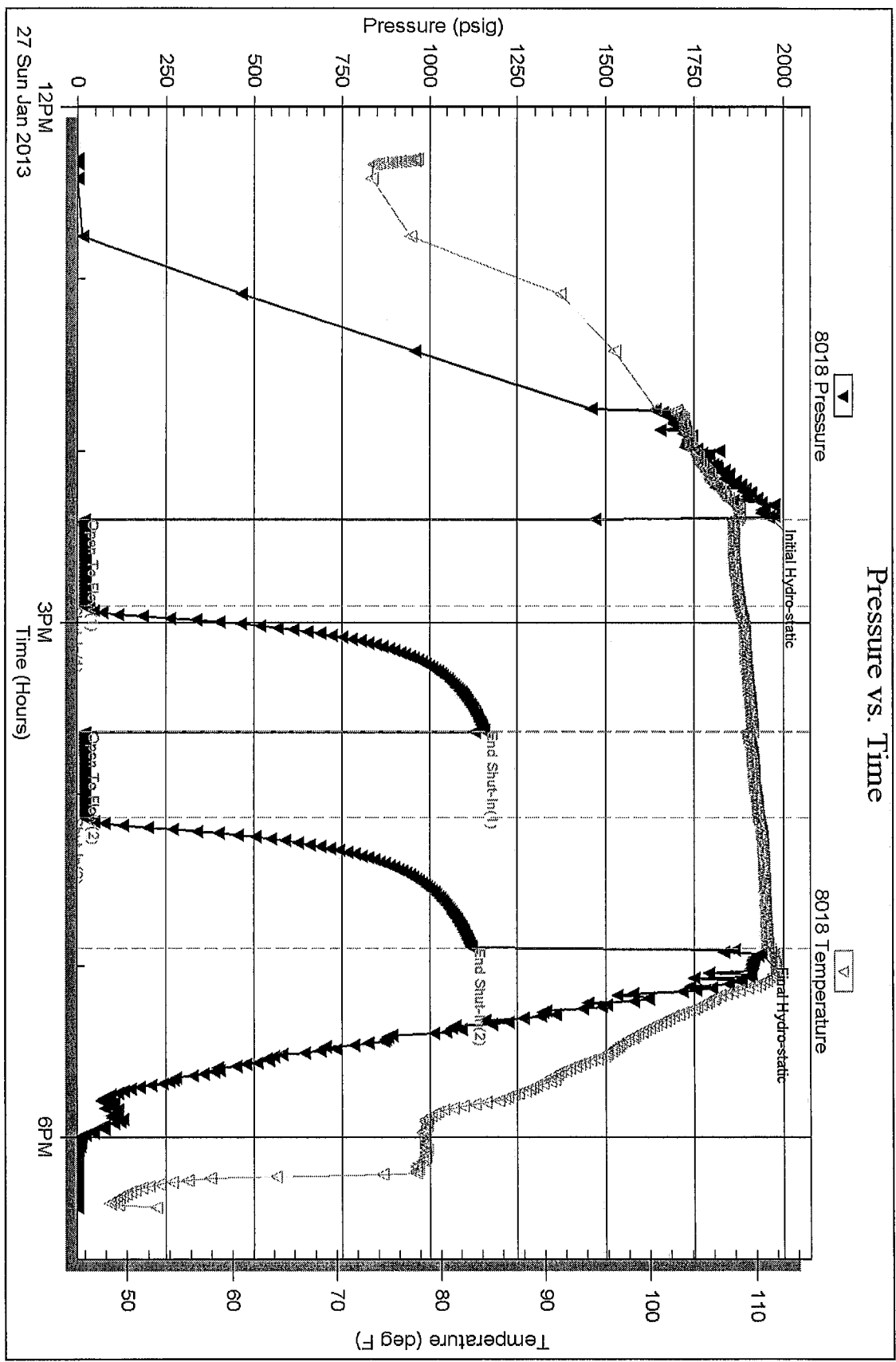
Inside

Lario Oil & Gas Co.

W&E Farms #3-3

DST Test Number: 1

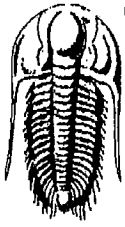
### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 45999

Printed: 2013.01.27 @ 23:56:36



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S. Market St.  
Wichita, KS 67202

ATTN: Steve Davis

**S32-12s-31w Gove, KS**

**W&E Farms #3-32**

Job Ticket: 46000

DST#: 2

Test Start: 2013.01.28 @ 09:19:00

### GENERAL INFORMATION:

Formation: **Lansing "D"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:07:20

Time Test Ended: 15:41:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Chuck Smith

Unit No: 62

Interval: **4080.00 ft (KB) To 4106.00 ft (KB) (TVD)**

Total Depth: 4106.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2972.00 ft (KB)

2962.00 ft (CF)

KB to GR/CF: 10.00 ft

### Serial #: 8018

Inside

Press@RunDepth: 19.63 psig @ 4081.00 ft (KB)

Start Date: 2013.01.28

End Date: 2013.01.28

Start Time: 09:19:02

End Time: 15:41:30

Capacity: 8000.00 psig

Last Calib.: 2013.01.28

Time On Btm: 2013.01.28 @ 11:05:50

Time Off Btm: 2013.01.28 @ 14:09:40

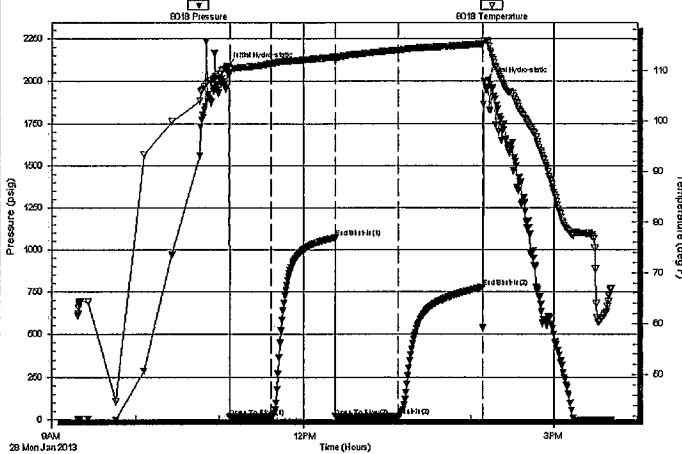
TEST COMMENT: 3/4" Blow.

No return.

No blow.

No return.

Pressure vs. Time



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2091.50	110.26	Initial Hydro-static
2	15.49	110.04	Open To Flow (1)
32	17.94	111.42	Shut-In(1)
77	1070.76	112.67	End Shut-In(1)
77	18.39	111.92	Open To Flow (2)
123	19.63	114.02	Shut-In(2)
183	780.11	115.25	End Shut-In(2)
184	2002.67	115.90	Final Hydro-static

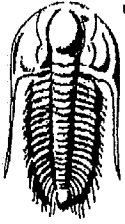
### Recovery

Length (ft)	Description	Volume (bbl)
10.00	M 100m	0.14

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil & Gas Co.  
301 S. Market St.  
Wichita, KS 67202  
ATTN: Steve Davis

**S32-12s-31w Gove, KS**  
**W&E Farms #3-32**  
Job Ticket: 46000      **DST#: 2**  
Test Start: 2013.01.28 @ 09:19:00

### 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: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	M100m	0.140

Total Length: 10.00 ft      Total Volume: 0.140 bbl  
Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
Laboratory Name:      Laboratory Location:  
Recovery Comments:

Serial #: 8018

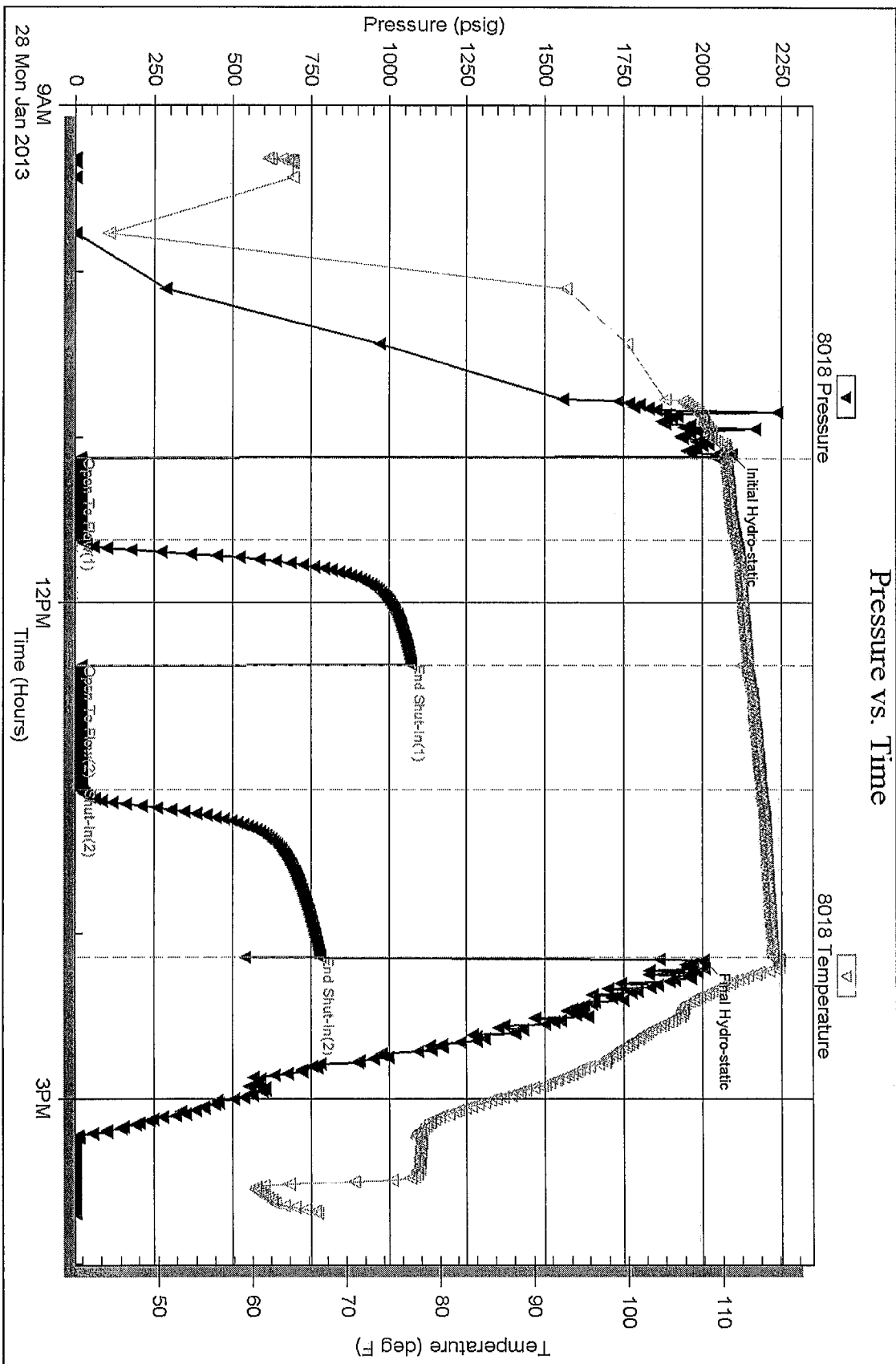
Inside

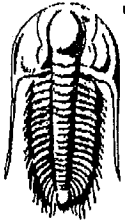
Lario Oil & Gas Co.

W&E Farms #3-32

DST Test Number: 2

### Pressure vs. Time





**TRILOBITE TESTING, INC.**

**DRILL STEM TEST REPORT**

Lario Oil & Gas Co.  
 301 S. Market St.  
 Wichita, KS 67202  
 ATTN: Steve Davis

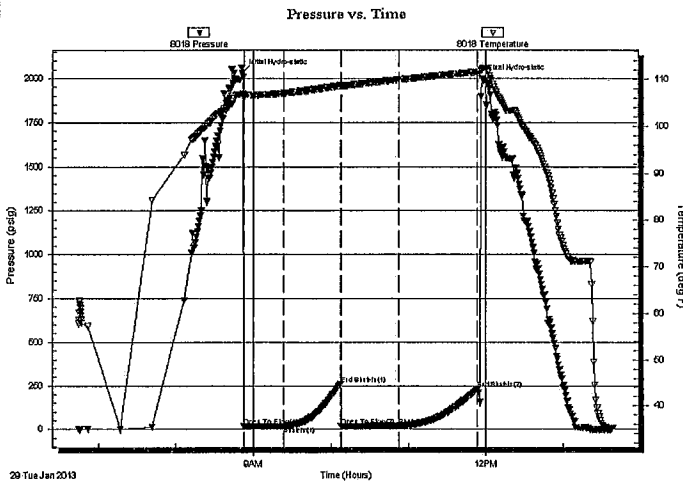
**S32-12s-31w Gove, KS**  
**W&E Farms #3-32**  
 Job Ticket: 51276      **DST#: 3**  
 Test Start: 2013.01.29 @ 06:45:00

**GENERAL INFORMATION:**

Formation: **LKC "H-I"**  
 Deviated: No Whipstock:                      ft (KB)  
 Time Tool Opened: 08:52:50  
 Time Test Ended: 13:38:50  
 Interval: **4148.00 ft (KB) To 4210.00 ft (KB) (TVD)**  
 Total Depth: 4210.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Smith  
 Unit No: 62  
 Reference Elevations: 2972.00 ft (KB)  
 2962.00 ft (CF)  
 KB to GR/CF: 10.00 ft

**Serial #: 8018      Inside**  
 Press@RunDepth: 20.36 psig @ 4149.00 ft (KB)      Capacity: 8000.00 psig  
 Start Date: 2013.01.29      End Date: 2013.01.29      Last Calib.: 2013.01.29  
 Start Time: 06:45:02      End Time: 13:38:50      Time On Btm: 2013.01.29 @ 08:51:20  
 Time Off Btm: 2013.01.29 @ 11:56:30

**TEST COMMENT:** 1" Blow.  
 No return.  
 No blow.  
 No return.



**PRESSURE SUMMARY**

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2031.49	106.78	Initial Hydro-static
2	18.22	106.50	Open To Flow (1)
32	18.98	107.06	Shut-In(1)
76	259.76	108.70	End Shut-In(1)
77	19.74	108.54	Open To Flow (2)
122	20.36	109.96	Shut-In(2)
183	233.31	111.64	End Shut-In(2)
186	1999.87	112.06	Final Hydro-static

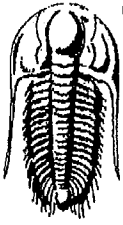
**Recovery**

Length (ft)	Description	Volume (bbl)
15.00	M 100m Oil spots in tool.	0.21

**Gas Rates**

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

\* Recovery from multiple tests



**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil & Gas Co.

**S32-12s-31w Gove, KS**

301 S. Market St.  
Wichita, KS 67202

**W&E Farms #3-32**

Job Ticket: 51276

**DST#: 3**

ATTN: Steve Davis

Test Start: 2013.01.29 @ 06:45:00

**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: bbl		
Water Loss: 9.59 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 3000.00 ppm			
Filter Cake: 1.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
15.00	M 100m Oil spots in tool.	0.210

Total Length: 15.00 ft      Total Volume: 0.210 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



Serial #: 8018

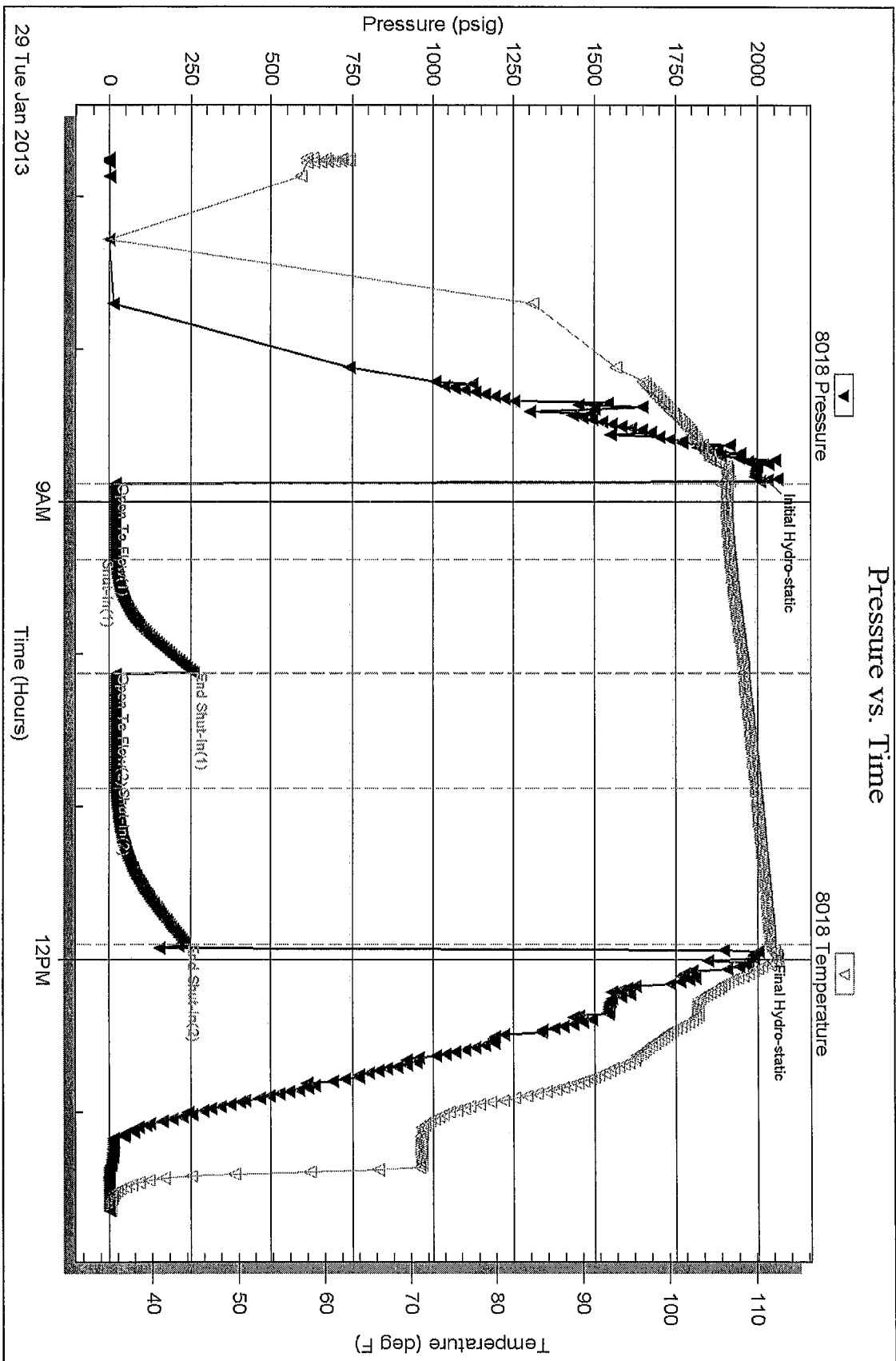
Inside

Lario Oil & Gas Co.

W&E Farms #3-32

DST Test Number: 3

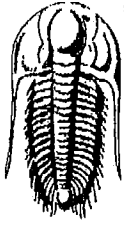
### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 51276

Printed: 2013.01.29 @ 15:12:21



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Co.  
301 S. Market St.  
Wichita, KS 67202  
ATTN: Steve Davis

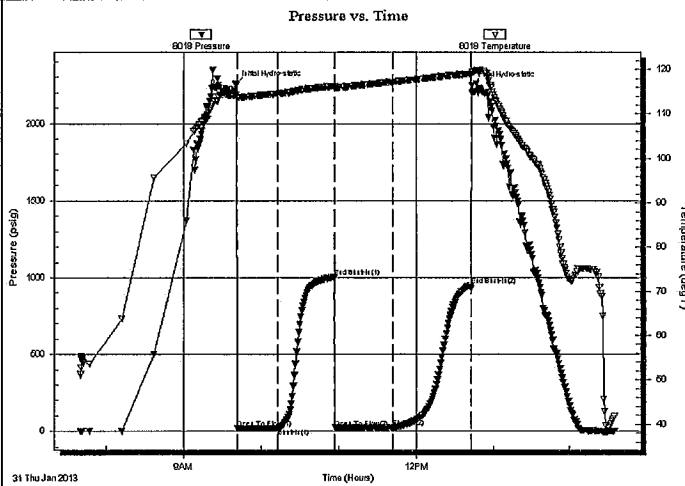
**S32-12s-31w Gove, KS**  
**W&E Farms #3-32**  
Job Ticket: 51277      **DST#: 4**  
Test Start: 2013.01.31 @ 07:40:00

### GENERAL INFORMATION:

Formation: **Johnson**  
Deviated: No Whipstock:                      ft (KB)  
Time Tool Opened: 09:41:40  
Time Test Ended: 14:35:50  
Interval: **4536.00 ft (KB) To 4582.00 ft (KB) (TVD)**  
Total Depth: 4582.00 ft (KB) (TVD)  
Hole Diameter: 7.88 inches Hole Condition: Good  
Test Type: Conventional Bottom Hole (Reset)  
Tester: Chuck Smith  
Unit No: 62  
Reference Elevations: 2972.00 ft (KB)  
2962.00 ft (CF)  
KB to GR/CF: 10.00 ft

**Serial #: 8018**      **Inside**  
Press@RunDepth: 26.51 psig @ 4537.00 ft (KB)      Capacity: 8000.00 psig  
Start Date: 2013.01.31      End Date: 2013.01.31      Last Calib.: 2013.01.31  
Start Time: 07:40:02      End Time: 14:35:50      Time On Btm: 2013.01.31 @ 09:40:30  
Time Off Btm: 2013.01.31 @ 12:43:50

TEST COMMENT: 1/2" Blow .  
No return.  
No blow .  
No return.



### PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2251.36	114.28	Initial Hydro-static
2	19.42	113.37	Open To Flow (1)
32	22.68	114.55	Shut-In(1)
77	1006.68	116.27	End Shut-In(1)
77	24.10	115.86	Open To Flow (2)
122	26.51	117.24	Shut-In(2)
182	953.72	119.04	End Shut-In(2)
184	2245.83	119.34	Final Hydro-static

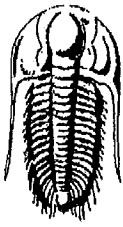
### Recovery

Length (ft)	Description	Volume (bbl)
20.00	OCM 2o 98m	0.28

\* Recovery from multiple tests

### Gas Rates

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



**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

S32-12s-31w Gove, KS

301 S. Market St.  
Wichita, KS 67202

W&E Farms #3-32

Job Ticket: 51277

DST#: 4

ATTN: Steve Davis

Test Start: 2013.01.31 @ 07:40:00

### 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:	50.00 sec/qt	Cushion Volume:	bbbl		
Water Loss:	6.40 in <sup>3</sup>	Gas Cushion Type:			
Resistivity:	ohm.m	Gas Cushion Pressure:	psig		
Salinity:	2800.00 ppm				
Filter Cake:	1.00 inches				

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	OCM 2o 98m	0.281

Total Length: 20.00 ft      Total Volume: 0.281 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8018

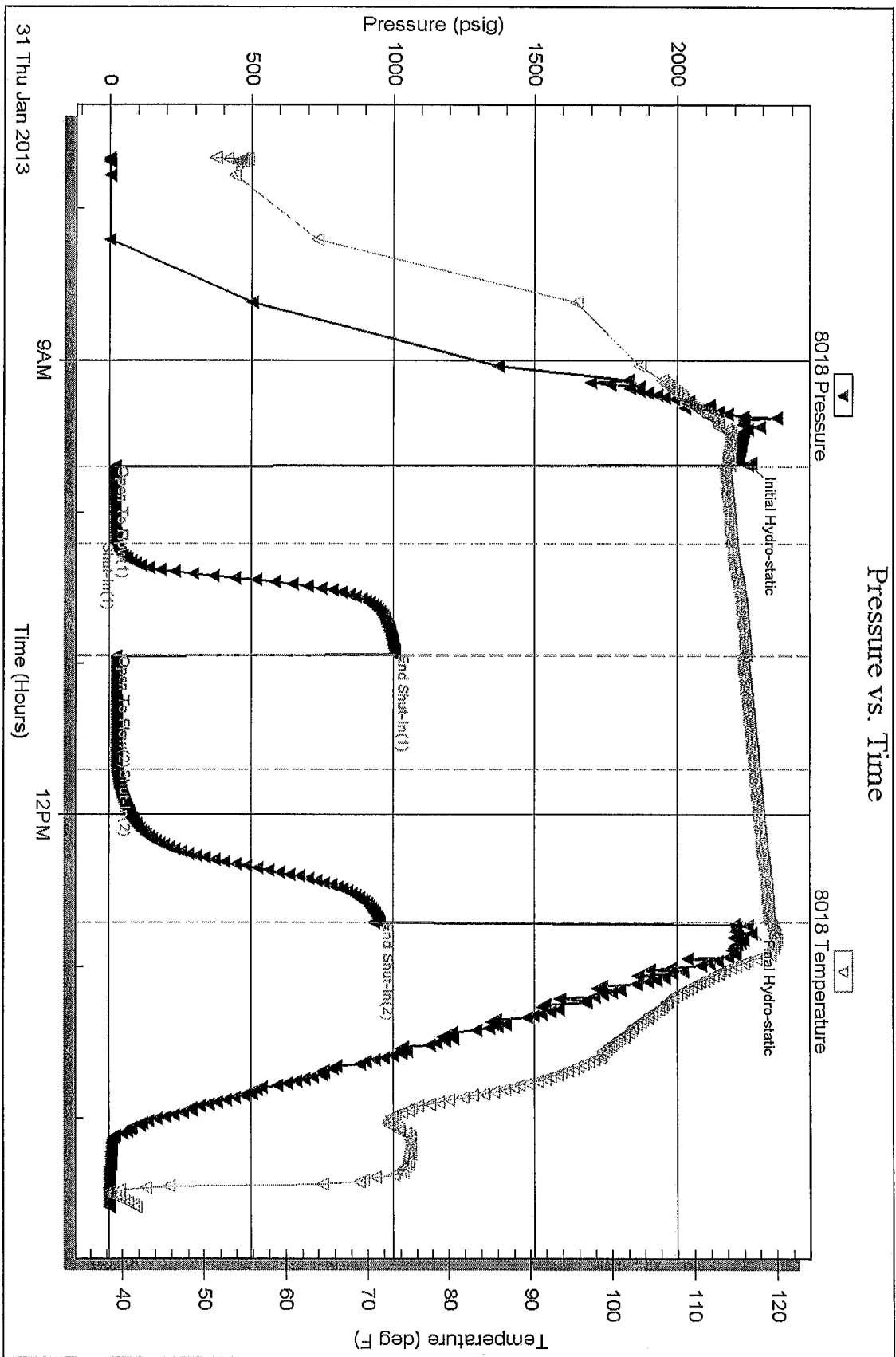
Inside

Lario Oil & Gas Co.

W&E Farms #3-32

DST Test Number: 4

### Pressure vs. Time



Triobite Testing, Inc

Ref. No: 51277

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