



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1078095
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: _____

1078095

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. 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
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:				

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

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> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Thies Ranch 1-25
Doc ID	1078095

All Electric Logs Run

CDL/CNL/PE
SONIC
MEL
DIL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Thies Ranch 1-25
Doc ID	1078095

Tops

Name	Top	Datum
Heebner	3817	-1045
Lansing	3855	-1083
Stark Sh	4100	-1328
Hushpuckney	4135	-1363
Base KC	4188	-1416
Marmaton	4232	-1460
Pawnee	4300	-1528
Ft. Scott	4328	-1556
Johnson	4426	-1654
Morrow	4442	-1670
Mississippian	4467	-1695

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
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

April 10, 2012

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

Re: ACO1
API 15-063-21975-00-00
Thies Ranch 1-25
NE/4 Sec.25-14S-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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130744

Invoice Date: Apr 7, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361



Bill To:

Lario Oil & Gas Co.
P.O. Box 1093
Garden City, KS 67846

*drilling
APE 12-042*

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	<u>Thies Ranch #1-25</u>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Apr 7, 2012	5/7/12

Quantity	Item	Description	Unit Price	Amount
132.00	MAT	Class A Common	16.25	2,145.00
88.00	MAT	Pozmix	8.50	748.00
8.00	MAT	Gel	21.25	170.00
55.00	MAT	FloSeal	2.70	148.50
230.00	SER	Handling	2.25	517.50
20.00	SER	Ton Miles	25.30	506.00
1.00	SER	Plug To Abandon	1,250.00	1,250.00
20.00	SER	Heavy Vehicle Mileage	7.00	140.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	EQP	4 1/2 Wooden Plug	92.00	92.00
1.00	CEMENTER	LaRene Wentz		
1.00	OPER ASSIST	Dane Retzloff		
1.00	OPER ASSIST	Billy Turner		

*ael
xc*

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xc*

[Signature]

Subtotal	5,797.00
Sales Tax	466.66
Total Invoice Amount	6,263.66
Payment/Credit Applied	
TOTAL	6,263.66

ALL PRICES ARE NET, PAYABLE
30 DAYS FOLLOWING DATE OF
INVOICE. 1 1/2% CHARGED
THEREAFTER. IF ACCOUNT IS
CURRENT, TAKE DISCOUNT OF

\$ 1159.40

ONLY IF PAID ON OR BEFORE
May 2, 2012

ALLIED CEMENTING CO., LLC. 034617

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Dakby, KS

DATE <u>4-9-22</u>	SEC. <u>23</u>	TWP. <u>14</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION <u>8:00am</u>	JOB START <u>11:00am</u>	JOB FINISH <u>12:00pm</u>
LEASE <u>Three Rowal</u>	WELL# <u>1-25</u>	LOCATION <u>Dakby, KS, 82, 102</u>	COUNTY <u>Gore</u>	STATE <u>KS</u>			
OLD OR NEW (Circle one) <u>NEW</u>				<u>W 7 5 units</u>			

CONTRACTOR Swathwood #1 OWNER Same

TYPE OF JOB PTA

HOLE SIZE 2 7/8 T.D. 4620

CASING SIZE _____ DEPTH _____

TUBING SIZE _____ DEPTH _____

DRILL PIPE 4 1/2 DEPTH 2245'

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. _____

PERFS. _____

DISPLACEMENT 28.37 bbl

EQUIPMENT _____

PUMP TRUCK # 431 CEMENTER Karlene

HELPER Dane

BULK TRUCK # 404 DRIVER Billy

DRIVER _____

CEMENT

AMOUNT ORDERED 220 sks 60/100 4 bags

1/4 # flo seal

COMMON	<u>132 sks @ 16.25</u>	<u>2145.00</u>
POZMIX	<u>88 sks @ 8.50</u>	<u>748.00</u>
GEL	<u>8 sks @ 21.25</u>	<u>170.00</u>
CHLORIDE	@	
ASC	@	
<u>1/4 # flo seal</u>	<u>55 # @ 2.70</u>	<u>148.50</u>
	@	
	@	
	@	
	@	
	@	
	@	
HANDLING <u>230 sks</u>	@ <u>2.25</u>	<u>517.50</u>
MILEAGE <u>118 sks/mile</u>		<u>526.00</u>
TOTAL		<u>4235.00</u>

REMARKS:

mix 25 sks at 2245'

mix 100 sks at 1288'

mix 40 sks at 300'

mix 10 sks at 401'

plug mousehole 15 sks

plug rat hole 30 sks

Thank you

CHARGE TO: Karis Oil & Gas Co

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB <u>2245'</u>		
PUMP TRUCK CHARGE		<u>1250.00</u>
EXTRA FOOTAGE	@	
MILEAGE <u>20</u>	@ <u>7.00</u>	<u>140.00</u>
MANIFOLD	@	
<u>L.D. mileage</u>	@ <u>4.00</u>	<u>80.00</u>
	@	
TOTAL		<u>1470.00</u>

PLUG & FLOAT EQUIPMENT

<u>wooden plug</u>	@	<u>92.00</u>
	@	
	@	
	@	
	@	
TOTAL		<u>92.00</u>

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cementer and helper(s) 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 and understand the "GENERAL FERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME Derby Keever

SIGNATURE [Signature]

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 130646

Invoice Date: Mar 28, 2012

Voice: (817) 546-7282

Page: 1

Fax: (817) 246-3361

AFE 12-042

drilling / surface pipe cut
4-8-12 LK



Bill To:
Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	Thies Ranch #1-25	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Mar 28, 2012	4/27/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
158.00	SER	Handling	2.25	355.50
20.00	SER	Mileage	17.38	347.60
1.00	SER	Surface	1,125.00	1,125.00
20.00	SER	Heavy Vehicle Mileage	7.00	140.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	SER	Manifold Head Rental	200.00	200.00
1.00	CEMENTER	Andrew Forslund		
1.00	EQUIP OPER	Jerry Yates		
1.00	OPER ASSIST	Billy Turner		

APR 10 2012
ad
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Subtotal	5,040.35
Sales Tax	224.78
Total Invoice Amount	5,265.13
Payment/Credit Applied	
TOTAL	5,265.13

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 1220.05

ONLY IF PAID ON OR BEFORE
Apr 22, 2012

ALLIED CEMENTING CO., LLC. 035260

Federal Tax I.D.# 20-5975804

REMITTO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:

Oakley

DATE <u>3-28-12</u>	SEC. <u>25</u>	TWP. <u>14</u>	RANGE <u>31</u>	CALLED OUT	ON LOCATION	JOB START <u>8:00pm</u>	JOB FINISH <u>8:30pm</u>
LEASE <u>Thies Ranch</u>	WELL # <u>1-25</u>	LOCATION <u>Oakley 1/2 SE 105</u>			COUNTY <u>Cove</u>	STATE <u>KS</u>	
OLD OR <u>NEW</u> (Circle one)				<u>SW into</u>			

CONTRACTOR Southwind #1

TYPE OF JOB surface

HOLE SIZE 12 1/4" T.D. 245'

CASING SIZE 8 7/8" DEPTH 245'

TUBING SIZE _____ DEPTH _____

DRILL PIPE _____ DEPTH _____

TOOL _____ DEPTH _____

PRES. MAX _____ MINIMUM _____

MEAS. LINE _____ SHOE JOINT _____

CEMENT LEFT IN CSG. 15'

PERFS. _____

DISPLACEMENT 1465 BBL

EQUIPMENT _____

OWNER same

CEMENT

AMOUNT ORDERED 150 sks com 3% gel

2% gel

COMMON 150 sks @ 16.25 2437.50

POZMIX _____ @ _____

GEL 3 sks @ 21.25 63.75

CHLORIDE 5 sks @ 58.20 291.00

ASC _____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

HANDLING 158 sks @ 2.25 355.50

MILEAGE 11.8 sk/mile 342.60

TOTAL 3425.35

PUMP TRUCK CEMENTER Andrew

423-281 HELPER Ferry

BULK TRUCK

397 DRIVER Billy

BULK TRUCK

_____ DRIVER _____

REMARKS:

Cement did circulate.

Thank you

CHARGE TO: Lario Oil + Gas

STREET _____

CITY _____ STATE _____ ZIP _____

SERVICE

DEPTH OF JOB 245'

PUMP TRUCK CHARGE _____ 1125.00

EXTRA FOOTAGE _____ @ _____

MILEAGE 20 miles @ 2.00 140.00

MANIFOLD head @ 200.00

Light vehicle @ 4.00 80.00

TOTAL 1545.00

PLUG & FLOAT EQUIPMENT

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

_____ @ _____

TOTAL _____

SALES TAX (If Any) _____

TOTAL CHARGES _____

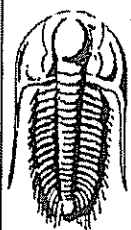
DISCOUNT 20% IF PAID IN 30 DAYS

PRINTED NAME Derby Keever

SIGNATURE [Signature]

Bid

To Allied Cementing Co., LLC.
You are hereby requested to rent cementing equipment and furnish cement and helper(s) 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 and understand the "GENERAL TERMS AND CONDITIONS" listed on the reverse side.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

ATTN: Mac Armstrong

Job Ticket: 45039

DST#: 1

Test Start: 2012.04.02 @ 21:42:06

GENERAL INFORMATION:

Formation: **Lansing H&I**

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

Time Tool Opened: **23:30:16**

Time Test Ended: **04:20:15**

Test Type: **Conventional Bottom Hole (Initial)**

Tester: **Brandon Turley**

Unit No: **60**

Interval: **4004.00 ft (KB) To 4074.00 ft (KB) (TVD)**

Total Depth: **4074.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2772.00 ft (KB)**

2762.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8373**

Inside

Press@RunDepth: **44.36 psig @ 4005.00 ft (KB)**

Start Date: **2012.04.02**

End Date:

2012.04.03

Start Time: **21:42:06**

End Time:

04:20:15

Capacity: **8000.00 psig**

Last Calib.: **2012.04.03**

Time On Btm: **2012.04.02 @ 23:28:16**

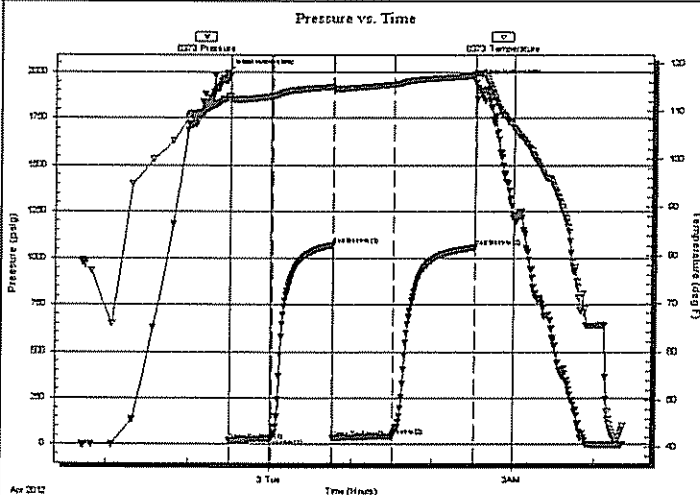
Time Off Btm: **2012.04.03 @ 02:31:30**

TEST COMMENT: IF: 1/4 blow built to 2 1/2.

IS: No return.

FF: Surface blow built to 1.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1995.56	112.58	Initial Hydro-static
2	19.54	112.25	Open To Flow (1)
33	30.38	113.02	Shut-In(1)
78	1073.65	115.08	End Shut-In(1)
78	33.96	114.63	Open To Flow (2)
122	44.36	115.52	Shut-In(2)
183	1060.72	117.38	End Shut-In(2)
184	1940.42	117.60	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	ocm 2%o 98% m	0.84

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

Job Ticket: 45039

DST#: 1

ATTN: Mac Armstrong

Test Start: 2012.04.02 @ 21:42:06

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: 47.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
60.00	ocm 2%o 98%m	0.842

Total Length: 60.00 ft Total Volume: 0.842 bbl

Num Fluid Samples: 0

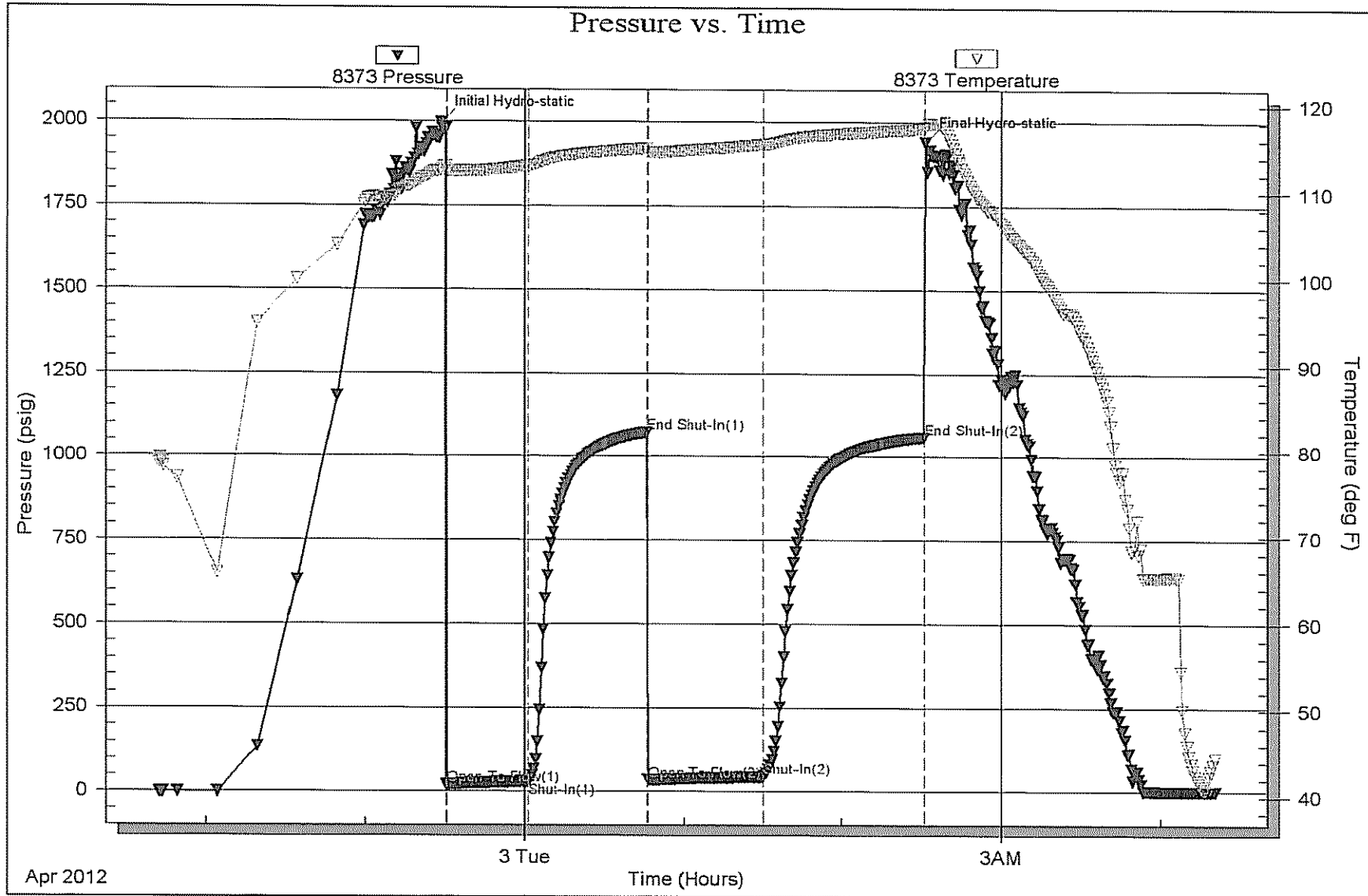
Num Gas Bombs: 0

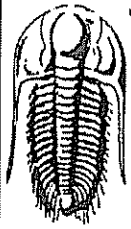
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

Job Ticket: 45040

DST#: 2

ATTN: Mac Armstrong

Test Start: 2012.04.03 @ 16:00:38

GENERAL INFORMATION:

Formation: **Lansing K**

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

Time Tool Opened: 17:37:03

Time Test Ended: 21:33:47

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Brandon Turley**

Unit No: **60**

Interval: **4095.00 ft (KB) To 4126.00 ft (KB) (TVD)**

Total Depth: **4126.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2772.00 ft (KB)**

2762.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8373**

Inside

Press@RunDepth: **20.05 psig @ 4096.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.04.03**

End Date:

2012.04.03

Last Calib.: **2012.04.03**

Start Time: **16:00:38**

End Time:

21:33:47

Time On Blrm: **2012.04.03 @ 17:36:33**

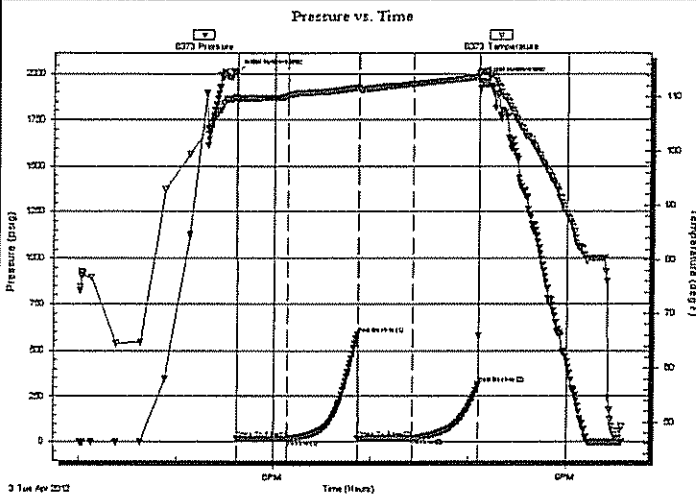
Time Off Blrm: **2012.04.03 @ 20:06:03**

TEST COMMENT: **IF: 1/4 blow died in 8 min.**

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2006.92	110.06	Initial Hydro-static
1	16.33	109.54	Open To Flow (1)
32	17.63	110.13	Shut-in(1)
75	583.33	111.71	End Shut-in(1)
76	18.16	111.40	Open To Flow (2)
109	20.05	112.40	Shut-in(2)
149	313.40	113.78	End Shut-in(2)
150	1963.73	114.35	Final Hydro-static

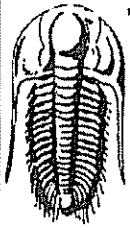
Recovery

Length (ft)	Description	Volume (bbl)
5.00	Mud 100%m	0.07

* 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 Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

Job Ticket: 45040

DST#: 2

ATTN: Mac Armstrong

Test Start: 2012.04.03 @ 16:00:38

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.98 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2500.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	Mud 100% _m	0.070

Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0

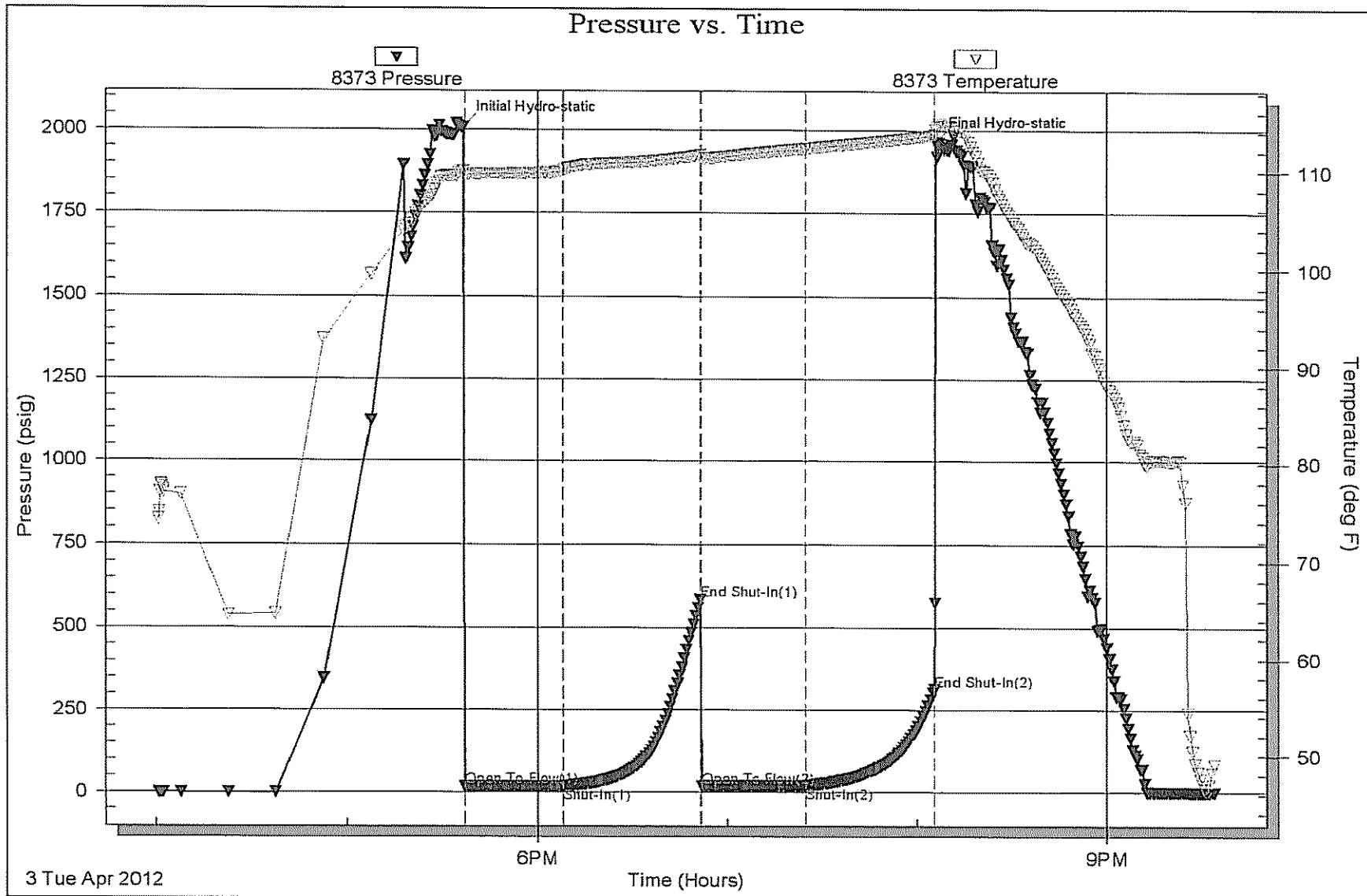
Num Gas Bombs: 0

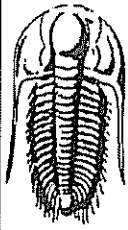
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

Job Ticket: 45041

DST#: 3

ATTN: Mac Armstrong

Test Start: 2012.04.05 @ 00:21:15

GENERAL INFORMATION:

Formation: **Fort Scott**

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

Time Tool Opened: **02:16:55**

Time Test Ended: **07:29:39**

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Brandon Turley**

Unit No: **60**

Interval: **4319.00 ft (KB) To 4374.00 ft (KB) (TVD)**

Total Depth: **4374.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2772.00 ft (KB)**

2762.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: 8373

Inside

Press@RunDepth: **30.77 psig @ 4320.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.04.05**

End Date:

2012.04.05

Last Calib.: **2012.04.05**

Start Time: **00:21:15**

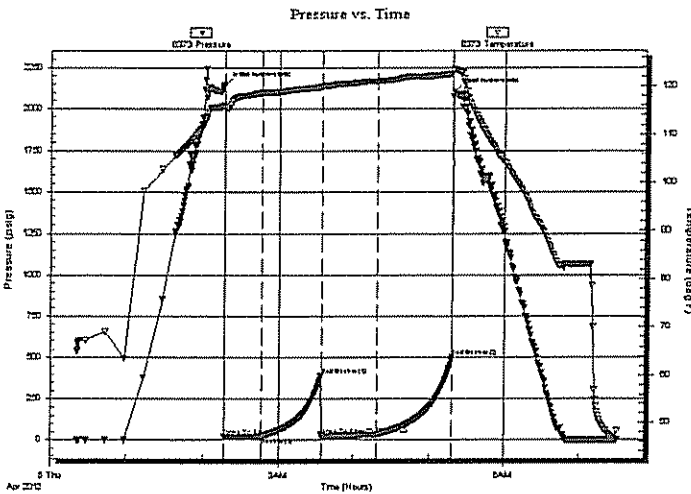
End Time:

07:29:39

Time On Btm: **2012.04.05 @ 02:16:40**

Time Off Btm: **2012.04.05 @ 05:19:39**

TEST COMMENT: IF: Surface blow built to 3.
IS: No return.
FF: 5" blow BOB in 20 min,
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2142.89	116.02	Initial Hydro-static
1	17.39	115.32	Open To Flow (1)
30	21.78	118.60	Shut-In(1)
77	391.50	119.78	End Shut-In(1)
78	23.93	119.91	Open To Flow (2)
122	30.77	121.03	Shut-In(2)
182	502.70	122.68	End Shut-In(2)
183	2103.23	123.66	Final Hydro-static

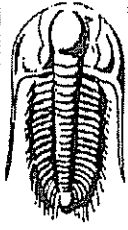
Recovery

Length (ft)	Description	Volume (bbl)
50.00	ocm 10%o 90%m	0.70
0.00	186 GIP	0.00

* 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 Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

Job Ticket: 45041

DST#: 3

ATTN: Mac Armstrong

Test Start: 2012.04.05 @ 00:21:15

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: 49.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
50.00	ocm 10%o 90%m	0.701
0.00	186 GIP	0.000

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

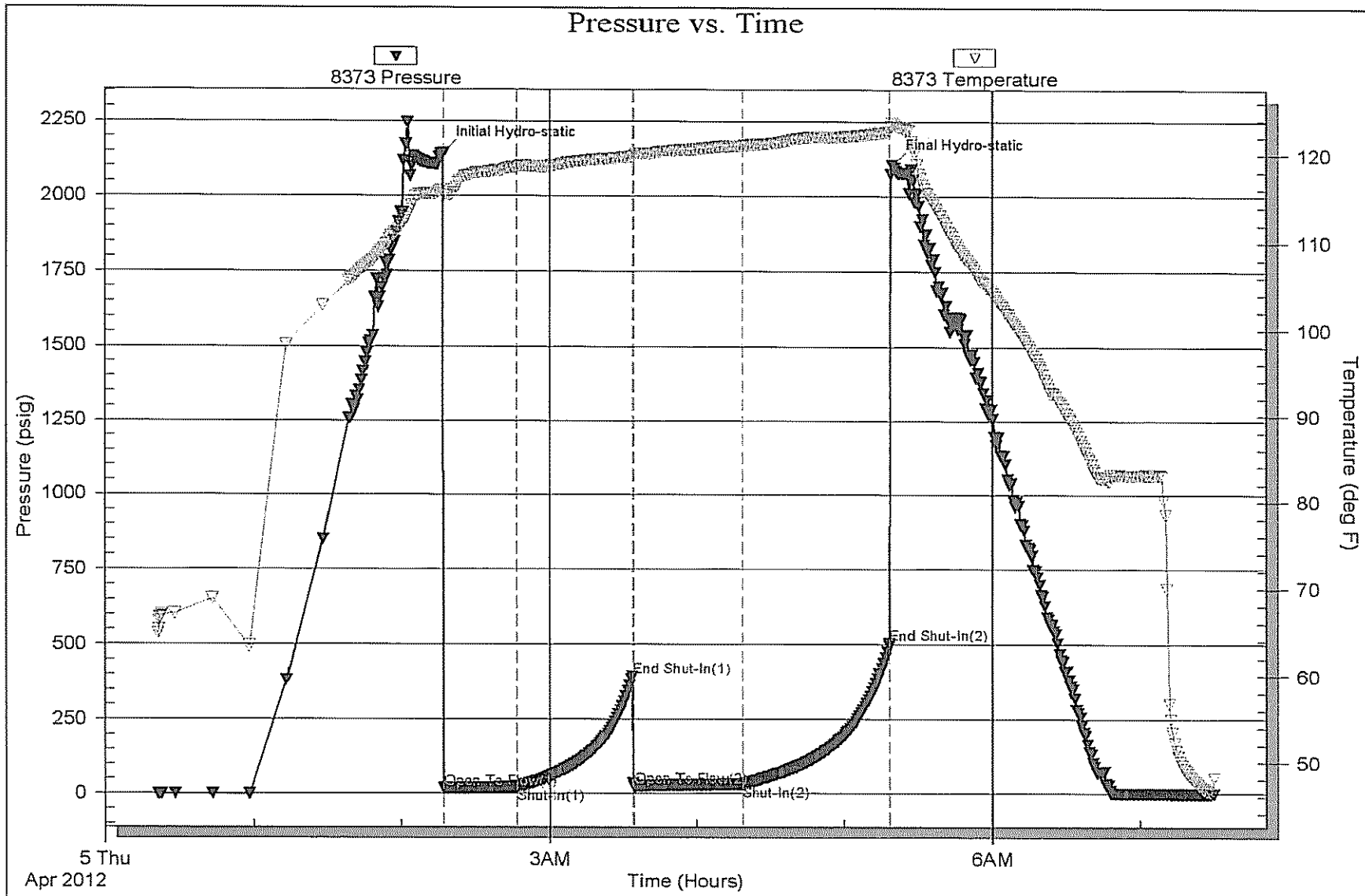
Num Gas Bombs: 0

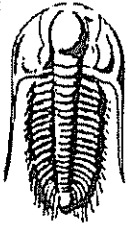
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company
301 S market St
Wichita, KS 67202
ATTN: Mac Armstrong

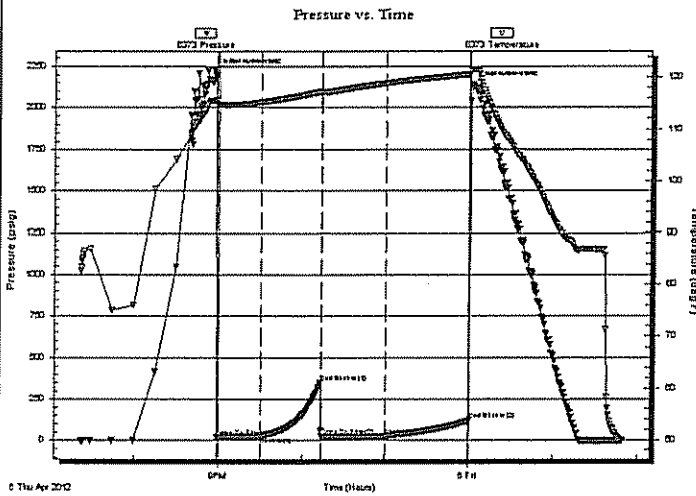
25-14-31 Gove, KS
Thies Ranch 1-25
Job Ticket: 45042 DST#: 4
Test Start: 2012.04.05 @ 19:22:22

GENERAL INFORMATION:

Formation: **Cherokee lime**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 20:58:47
Time Test Ended: 01:49:46
Interval: **4378.00 ft (KB) To 4452.00 ft (KB) (TVD)**
Total Depth: **4452.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brandon Turley**
Unit No: **60**
Reference Elevations: **2772.00 ft (KB)**
2762.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 8373 Inside
Press@RunDepth: **26.41 psig @ 4379.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.04.05** End Date: **2012.04.06** Last Calib.: **2012.04.06**
Start Time: **19:22:22** End Time: **01:49:46** Time On Btm: **2012.04.05 @ 20:57:17**
Time Off Btm: **2012.04.06 @ 00:01:46**

TEST COMMENT: IF: 1/4 blow died in 6 min.
IS: No return.
FF: No blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2213.64	115.43	Initial Hydro-static
2	20.46	114.78	Open To Flow (1)
33	23.74	115.06	Shut-In(1)
77	350.66	117.17	End Shut-In(1)
77	26.29	117.00	Open To Flow (2)
124	26.41	118.80	Shut-In(2)
184	121.80	120.57	End Shut-In(2)
185	2138.07	121.43	Final Hydro-static

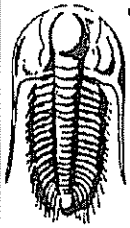
Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud oil spots 100%m	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 Company

25-14-31 Gove, KS

301 S market St
Wichita, KS 67202

Thies Ranch 1-25

Job Ticket: 45042

DST#: 4

ATTN: Mac Armstrong

Test Start: 2012.04.05 @ 19:22:22

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 7.20 in³
Resistivity: 0.00 ohm.m
Salinity: 3000.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	mud oil spots 100%m	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:

