



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1083279
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 |
|-----------------------------------|-----------------|---|

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: _____

1083279

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 <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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

| 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> <input type="checkbox"/> Other <i>(Specify)</i> _____ <i>(Submit ACO-4)</i> | PRODUCTION INTERVAL: _____ _____ |
|--|---|---|

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | Hanna D 1-24 |
| Doc ID | 1083279 |

All Electric Logs Run

| |
|------------|
| |
| CDL/CNL/PE |
| MEL |
| SON |
| DIL |

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | Hanna D 1-24 |
| Doc ID | 1083279 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Heebner | 3876 | -1040 |
| Lansing | 3914 | -1078 |
| Stark Shale | 4155 | -1319 |
| Hushpuckney | 4194 | -1358 |
| Base KC | 4247 | -1411 |
| Marmaton | 4298 | -1462 |
| Pawnee | 4358 | -1522 |
| Ft. Scott | 4387 | -1551 |
| Johnson | 4484 | -1648 |
| Morrow | 4504 | -1668 |
| Mississippian | 4536 | -1700 |

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

June 07, 2012

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

Re: ACO1
API 15-063-21994-00-00
Hanna D 1-24
NW/4 Sec.24-14S-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



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 # 250101

Invoice Date: 05/24/2012 Terms: 15/15/30,n/30

Page 1

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

HANNAH D 1-24
34518 drilling AFE 12-136
24-14-31 5-27-12 LK
05-23-2012
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|-------------------------|--------|------------|---------|
| 1104S | CLASS "A" CEMENT (SALE) | 160.00 | 17.6500 | 2824.00 |
| 1102 | CALCIUM CHLORIDE (50#) | 450.00 | .8900 | 400.50 |
| 1118B | PREMIUM GEL / BENTONITE | 300.00 | .2500 | 75.00 |

| Sublet Performed | Description | Total |
|------------------|---------------|---------|
| 9999-130 | CASH DISCOUNT | -494.93 |
| 9999-130 | CASH DISCOUNT | -231.75 |

| Description | Hours | Unit Price | Total |
|---------------------------------|-------|------------|---------|
| 439 MIN. BULK DELIVERY | 1.00 | 410.00 | 410.00 |
| 463 CEMENT PUMP (SURFACE) | 1.00 | 1085.00 | 1085.00 |
| 463 EQUIPMENT MILEAGE (ONE WAY) | 10.00 | 5.00 | 50.00 |

all
xc
MAY 30 2012
xc

Amount Due 5110.11 if paid after 06/23/2012

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 3299.50 | Freight: | .00 | Tax: | 225.77 | AR | 4343.59 |
| Labor: | .00 | Misc: | .00 | Total: | 4343.59 | | |
| Sublt: | -726.68 | Supplies: | .00 | Change: | .00 | | |

Signed _____ Date _____



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 131429

Invoice Date: Jun 2, 2012

Page: 1

Voice: (817) 546-7282
Fax: (817) 246-3361



Bill To:

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

drilling AFE 12-126
6-19-12 4

| Customer ID | Well Name/# or Customer P.O. | Payment Terms | |
|--------------|------------------------------|---------------|----------|
| Lario | Hanna D #1-24 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-03 | Oakley | Jun 2, 2012 | 7/2/12 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|-----------------------|------------|----------|
| 130.00 | MAT | Class A Common | 16.25 | 2,112.50 |
| 90.00 | MAT | Pozmix | 8.50 | 765.00 |
| 8.00 | MAT | Gel | 21.25 | 170.00 |
| 55.00 | MAT | FloSeal | 2.70 | 148.50 |
| 236.29 | SER | Handling | 2.10 | 496.21 |
| 33.00 | SER | Ton Miles | 23.19 | 765.42 |
| 1.00 | SER | Abandoned Well Plug | 1,250.00 | 1,250.00 |
| 33.00 | SER | Heavy Vehicle Mileage | 7.00 | 231.00 |
| 33.00 | SER | Light Vehicle Mileage | 4.00 | 132.00 |
| 1.00 | EQP | 7 7/8 Wooden Plug | 92.00 | 92.00 |
| 1.00 | CEMENTER | Larene Wentz | | |
| 1.00 | EQUIP OPER | Jerry Yates | | |
| 1.00 | OPER ASSIST | Ethan Glassman | | |

all 4/4
all 4/4
[Signature]

| | |
|------------------------|-----------------|
| Subtotal | 6,162.63 |
| Sales Tax | 496.09 |
| Total Invoice Amount | 6,658.72 |
| Payment/Credit Applied | |
| TOTAL | 6,658.72 |

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

\$ 1232.52

ONLY IF PAID ON OR BEFORE
Jun 27, 2012

ALLIED CEMENTING CO., LLC. 034491

Federal Tax I.D.# 20-5976804

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

SERVICE POINT: Oakley, Ks

| | | | | | | | |
|---------------------------------------|-------------------|----------------|--|------------|-------------------------------|-----------------------------|-----------------------------|
| DATE <u>6-2-12</u> | SEC. <u>24</u> | TWP. <u>14</u> | RANGE <u>31</u> | CALLED OUT | ON LOCATION <u>10:00am</u> | JOB START <u>12:30pm</u> | JOB FINISH <u>1:30pm</u> |
| LEASEE <u>Hanna D</u> | WELL# <u>1-2f</u> | | LOCATION <u>Oakley, Ks 205 42, 20, 42,</u> | | COUNTY <u>Goove</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) <u>OLD</u> | | | LOCATION <u>1 1/2, 1 1/2 W 1/2 S 1/4</u> | | | | |

CONTRACTOR Val #4

TYPE OF JOB ASP

HOLE SIZE 7 7/8 T.D.

CASING SIZE DEPTH

TUBING SIZE DEPTH

DRILL PIPE 4 1/2 DEPTH 2310

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT 29.29661

EQUIPMENT

PUMP TRUCK CEMENTER Lakone

429/281 HELPER Terry

BULK TRUCK

347 DRIVER Ethan

BULK TRUCK

DRIVER

REMARKS:

Mix 25 sks at 2310'

Mix 100 sks at 1355'

Mix 40 sks at 280'

Mix 10 sks in top of hole after sand plug

Mix 20 sks in mouse hole

Mix 30 sks in rat hole

Thank you

CHARGE TO: Harold N Gas Co.

STREET _____

CITY _____ STATE _____ ZIP _____

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 TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME _____

SIGNATURE Larry J. [Signature]

OWNER same

CEMENT AMOUNT ORDERED 220 sks 60/40 429gal
14# 50-50

| | | | |
|------------------|------------------------------|----------------|----------------|
| COMMON | <u>130 sks</u> | @ <u>16.25</u> | <u>2112.50</u> |
| POZMIX | <u>70 sks</u> | @ <u>8.50</u> | <u>595.00</u> |
| GEL | <u>85 gal</u> | @ <u>26.25</u> | <u>2231.25</u> |
| CHLORIDE | | @ | |
| ASC | | @ | |
| <u>Flow seal</u> | <u>55 gal</u> | @ <u>2.70</u> | <u>148.50</u> |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| | | @ | |
| HANDLING | <u>226.29 sks</u> | @ <u>2.10</u> | <u>475.21</u> |
| MILEAGE | <u>287 km X 33 mi X 2.35</u> | | <u>263.42</u> |
| TOTAL | | | <u>4457.63</u> |

SERVICE

| | | | |
|-------------------|-------------|---------------|----------------|
| DEPTH OF JOB | <u>2310</u> | | |
| PUMP TRUCK CHARGE | | | <u>1250.00</u> |
| EXTRA FOOTAGE | | @ | |
| MILEAGE | <u>33</u> | @ <u>7.00</u> | <u>231.00</u> |
| MANIFOLD | | @ | |
| L-U Mileage | <u>33</u> | @ <u>4.00</u> | <u>132.00</u> |
| | | @ | |
| TOTAL | | | <u>1613.00</u> |

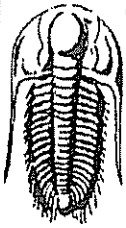
PLUG & FLOAT EQUIPMENT

| | | |
|-------------------|---|--------------|
| <u>absclaplug</u> | @ | <u>92.00</u> |
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| TOTAL | | <u>92.00</u> |

SALES TAX (if Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas

24-14-31w Gove, Ks

301 S. Market St.
Wichita, Ks 67202

Hanna D 1-24

Job Ticket: 46521

DST#: 1

ATTN: Wes Hansen

Test Start: 2012.05.28 @ 02:25:02

GENERAL INFORMATION:

Formation: Lansing D

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:10:17

Time Test Ended: 09:38:47

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Interval: 3982.00 ft (KB) To 4010.00 ft (KB) (TVD)

Reference Elevations: 2836.00 ft (KB)

Total Depth: 4010.00 ft (KB) (TVD)

2826.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8373

Inside

Press@RunDepth: 19.71 psig @ 3983.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.28

End Date: 2012.05.28

Last Calib.: 2012.05.28

Start Time: 02:25:07

End Time: 09:38:46

Time On Btm: 2012.05.28 @ 05:10:02

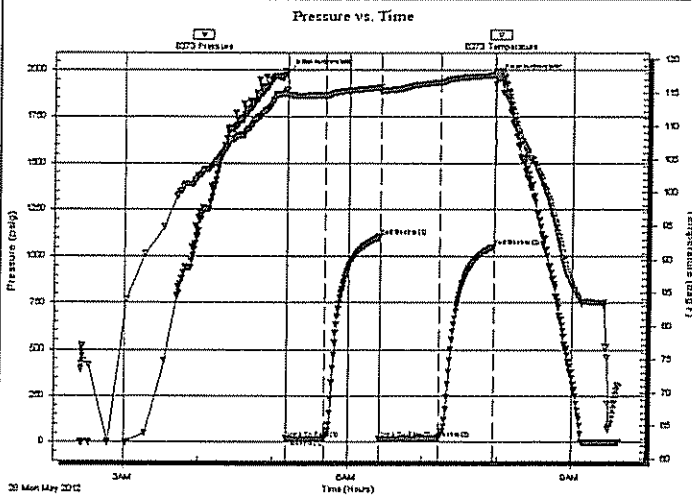
Time Off Btm: 2012.05.28 @ 07:59:02

TEST COMMENT: IF: Surface blow died in 6 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

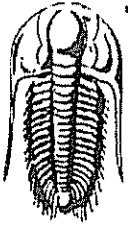
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1987.33 | 115.30 | Initial Hydro-static |
| 1 | 19.93 | 114.68 | Open To Flow (1) |
| 31 | 17.19 | 114.58 | Shut-In(1) |
| 76 | 1104.58 | 115.75 | End Shut-In(1) |
| 76 | 17.29 | 115.10 | Open To Flow (2) |
| 123 | 19.71 | 116.56 | Shut-In(2) |
| 167 | 1055.78 | 117.67 | End Shut-In(2) |
| 169 | 1958.56 | 118.27 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 6.00 | mud 100% m | 0.08 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas

301 S. Market St.
Wichita, Ks 67202

ATTN: Wes Hansen

24-14-31w Gove, Ks

Hanna D 1-24

Job Ticket: 46521

DST#: 1

Test Start: 2012.05.28 @ 02:25:02

GENERAL INFORMATION:

Formation: Lansing D

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:10:17

Time Test Ended: 09:38:47

Interval: 3982.00 ft (KB) To 4010.00 ft (KB) (TVD)

Total Depth: 4010.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 60

Reference Elevations: 2836.00 ft (KB)

2826.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8356

Outside

Press@RunDepth: psig @ 3983.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.28

End Date: 2012.05.28

Last Calib.: 2012.05.28

Start Time: 02:25:26

End Time: 09:39:05

Time On Btm

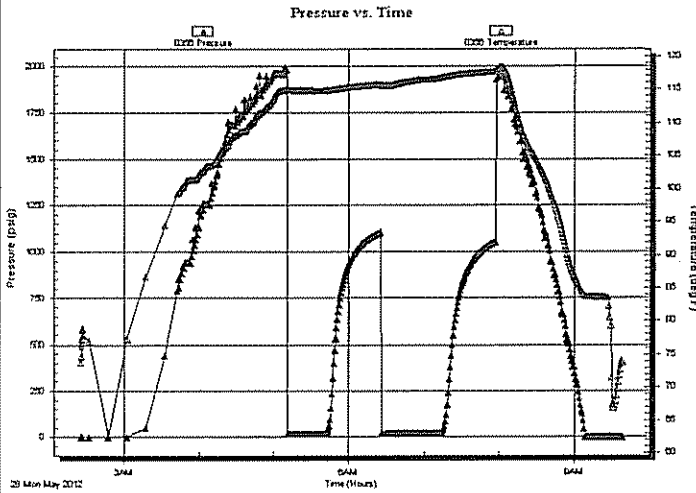
Time Off Btm

TEST COMMENT: IF: Surface blow died in 6 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

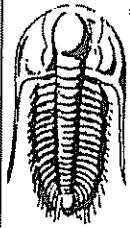
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 6.00 | mud 100% m | 0.08 |
| | | |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas

24-14-31w Gove, Ks

301 S. Market St.
Wichita, Ks 67202

Hanna D 1-24

Job Ticket: 46521

DST#: 1

ATTN: Wes Hansen

Test Start: 2012.05.28 @ 02:25:02

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: 6.80 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 |
|--------------|-------------|----------------|
| 6.00 | mud 100%m | 0.084 |

Total Length: 6.00 ft

Total Volume: 0.084 bbl

Num Fluid Samples: 0

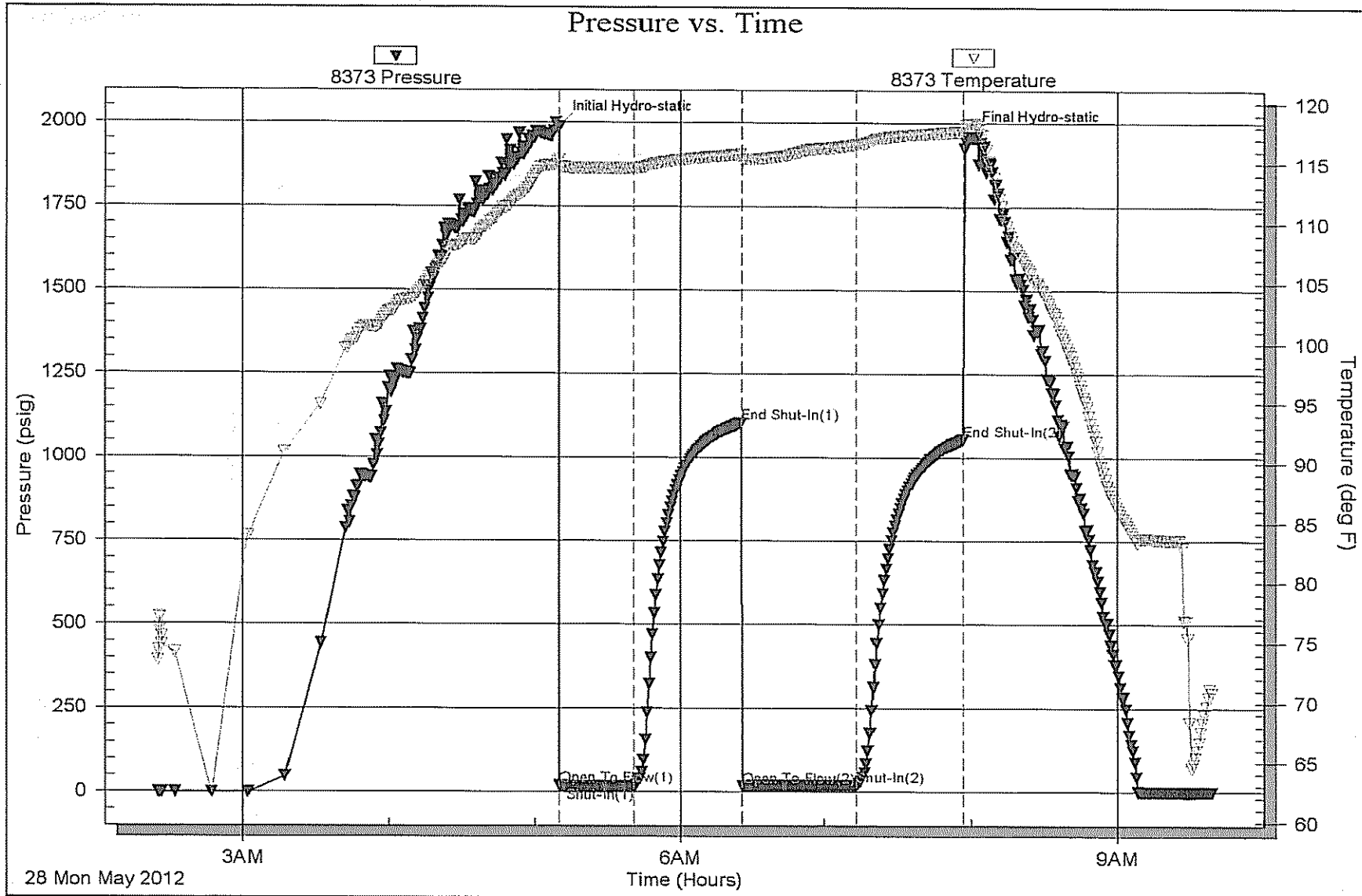
Num Gas Bombs: 0

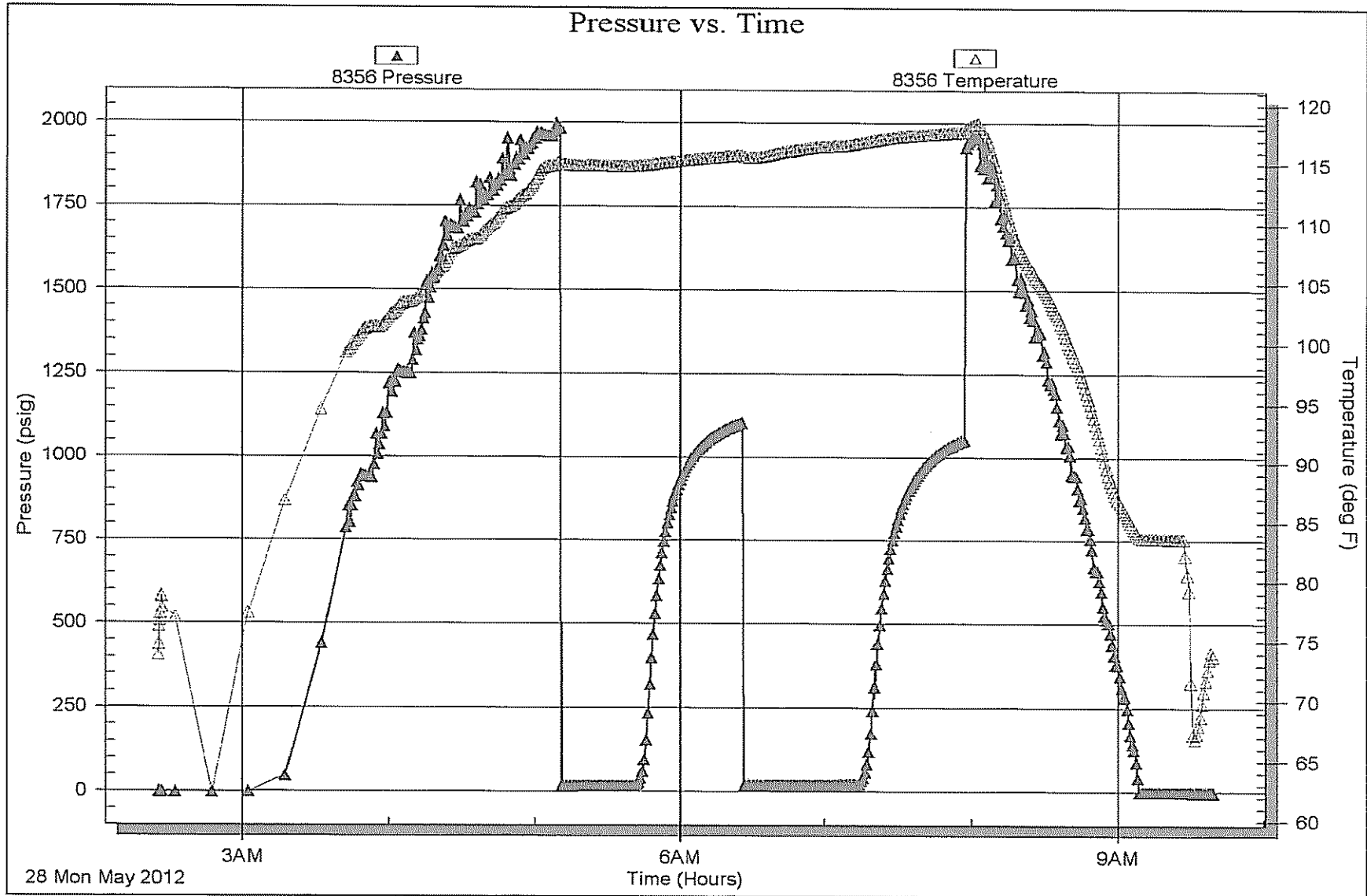
Serial #:

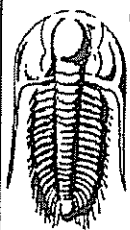
Laboratory Name:

Laboratory Location:

Recovery Comments:







TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S. Market St.
Wichita, Ks 67202
ATTN: Wes Hansen

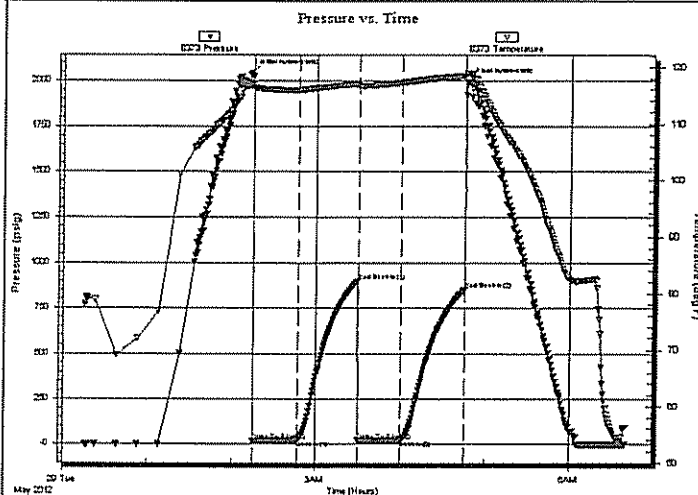
24-14-31w Gove, Ks
Hanna D 1-24
Job Ticket: 46522 DST#: 2
Test Start: 2012.05.29 @ 00:15:37

GENERAL INFORMATION:

Formation: **Lansing H&I**
 Deviated: **No Whipstock:** ft (KB)
 Time Tool Opened: **02:15:07**
 Time Test Ended: **06:40:07**
 Interval: **4056.00 ft (KB) To 4121.00 ft (KB) (TVD)**
 Total Depth: **4121.00 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: **2836.00 ft (KB)**
 2826.00 ft (CF)
 KB to GR/CF: **10.00 ft**

Serial #: 8373 **Inside**
 Press@RunDepth: **22.01 psig @ 4057.00 ft (KB)**
 Start Date: **2012.05.29** End Date: **2012.05.29**
 Start Time: **00:15:42** End Time: **06:40:06**
 Capacity: **8000.00 psig**
 Last Calib.: **2012.05.29**
 Time On Btm: **2012.05.29 @ 02:13:37**
 Time Off Btm: **2012.05.29 @ 04:47:07**

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 | 2043.91 | 116.90 | Initial Hydro-static |
| 2 | 17.45 | 116.36 | Open To Flow (1) |
| 34 | 23.07 | 115.90 | Shut-In(1) |
| 77 | 898.28 | 117.00 | End Shut-In(1) |
| 77 | 19.92 | 116.59 | Open To Flow (2) |
| 107 | 22.01 | 117.22 | Shut-In(2) |
| 152 | 850.63 | 118.46 | End Shut-In(2) |
| 154 | 1992.84 | 118.90 | Final Hydro-static |

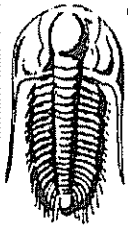
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------|--------------|
| 10.00 | mud 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

24-14-31w Gove, Ks

301 S. Market St.
Wichita, Ks 67202

Hanna D 1-24

Job Ticket: 46522

DST#: 2

ATTN: Wes Hansen

Test Start: 2012.05.29 @ 00:15:37

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: 53.00 sec/qt

Cushion Volume:

bbf

Water Loss: 9.59 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|-----------------------|---------------|
| 10.00 | mud 100% _m | 0.140 |

Total Length: 10.00 ft Total Volume: 0.140 bbf

Num Fluid Samples: 0

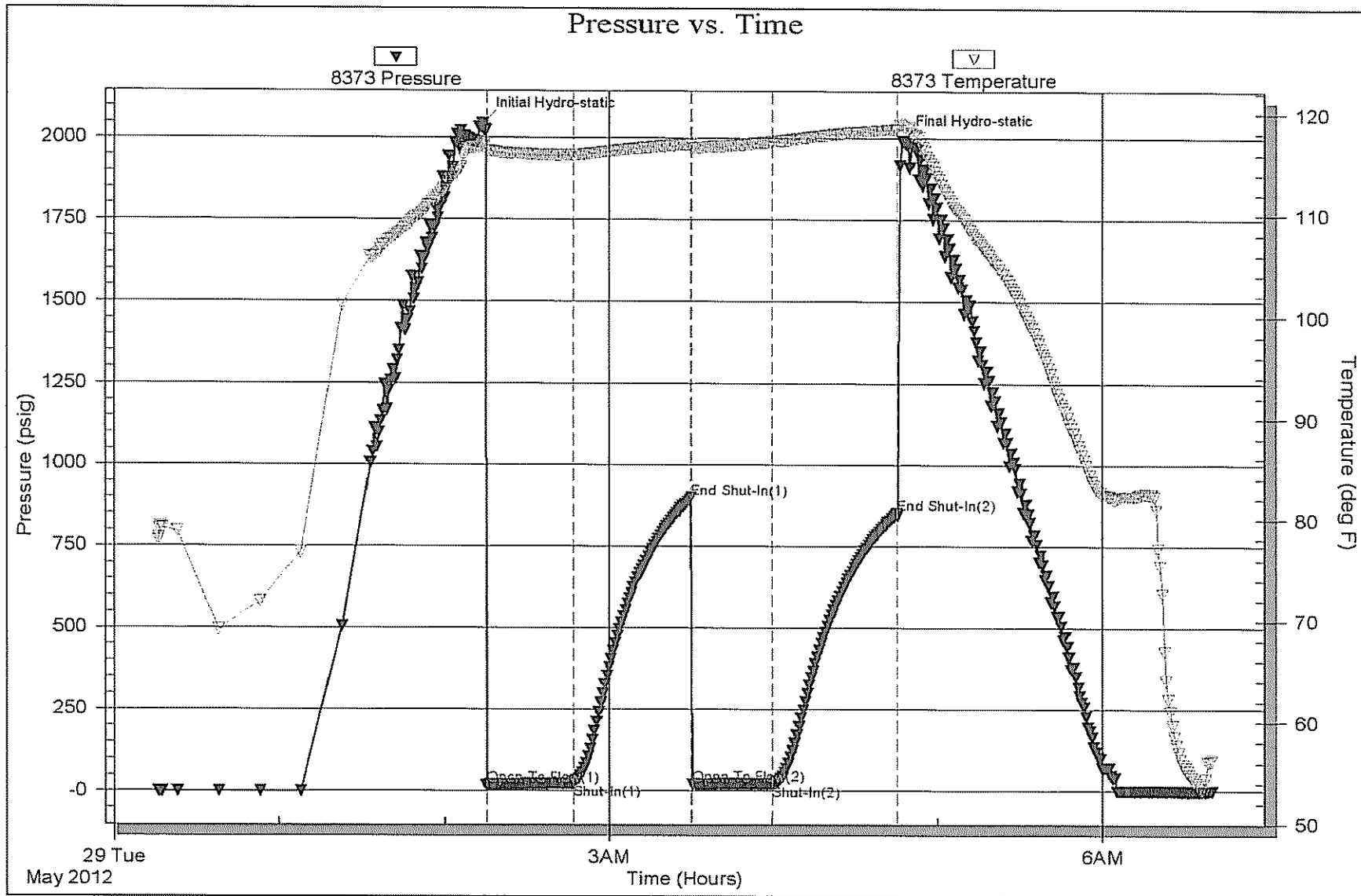
Num Gas Bombs: 0

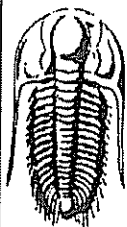
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas
301 S. Market St.
Wichita, Ks 67202
ATTN: Wes Hansen

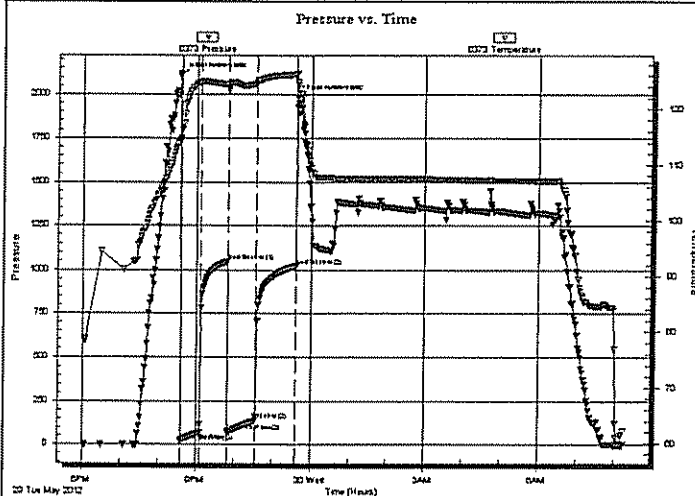
24-14-31w Gove, Ks
Hanna D 1-24
Job Ticket: 46523 DST#: 3
Test Start: 2012.05.29 @ 18:02:47

GENERAL INFORMATION:

Formation: **Lansing K**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 20:36:02
Time Test Ended: 08:15:17
Interval: **4150.00 ft (KB) To 4180.00 ft (KB) (TVD)**
Total Depth: **4180.00 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: **2836.00 ft (KB)**
2826.00 ft (CF)
KB to GR/CF: **10.00 ft**

Serial #: 8373 Inside
Press@RunDepth: 137.68 psig @ 4151.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.05.29 End Date: 2012.05.30 Last Calib.: 2012.05.30
Start Time: 18:02:52 End Time: 08:15:17 Time On Btm: 2012.05.29 @ 20:34:47
Time Off Btm: 2012.05.29 @ 23:39:02

TEST COMMENT: IF: 1/4 blow built to 9.
IS: No return.
FF: Surface blow BOB in 43 min.
FS: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2104.35 | 114.55 | Initial Hydro-static |
| 2 | 20.73 | 114.81 | Open To Flow (1) |
| 31 | 65.09 | 124.71 | Shut-in(1) |
| 75 | 1047.52 | 124.31 | End Shut-in(1) |
| 76 | 71.24 | 123.72 | Open To Flow (2) |
| 120 | 137.68 | 124.58 | Shut-in(2) |
| 183 | 1022.09 | 126.20 | End Shut-in(2) |
| 185 | 1975.23 | 124.87 | Final Hydro-static |

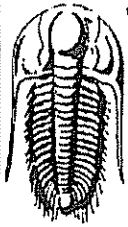
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------------------|--------------|
| 124.00 | mcw 90%w 10%m | 1.74 |
| 124.00 | mcw show of oil on top 80%w 20%m | 1.74 |
| | | |
| | | |
| | | |

* 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

24-14-31w Gove, Ks

301 S. Market St.
Wichita, Ks 67202

Hanna D 1-24

Job Ticket: 46523

DST#: 3

ATTN: Wes Hansen

Test Start: 2012.05.29 @ 18:02:47

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:

38000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------------------------|---------------|
| 124.00 | mcw 90%w 10%m | 1.739 |
| 124.00 | mcw show of oil on top 80%w 20%m | 1.739 |

Total Length: 248.00 ft Total Volume: 3.478 bbl

Num Fluid Samples: 0

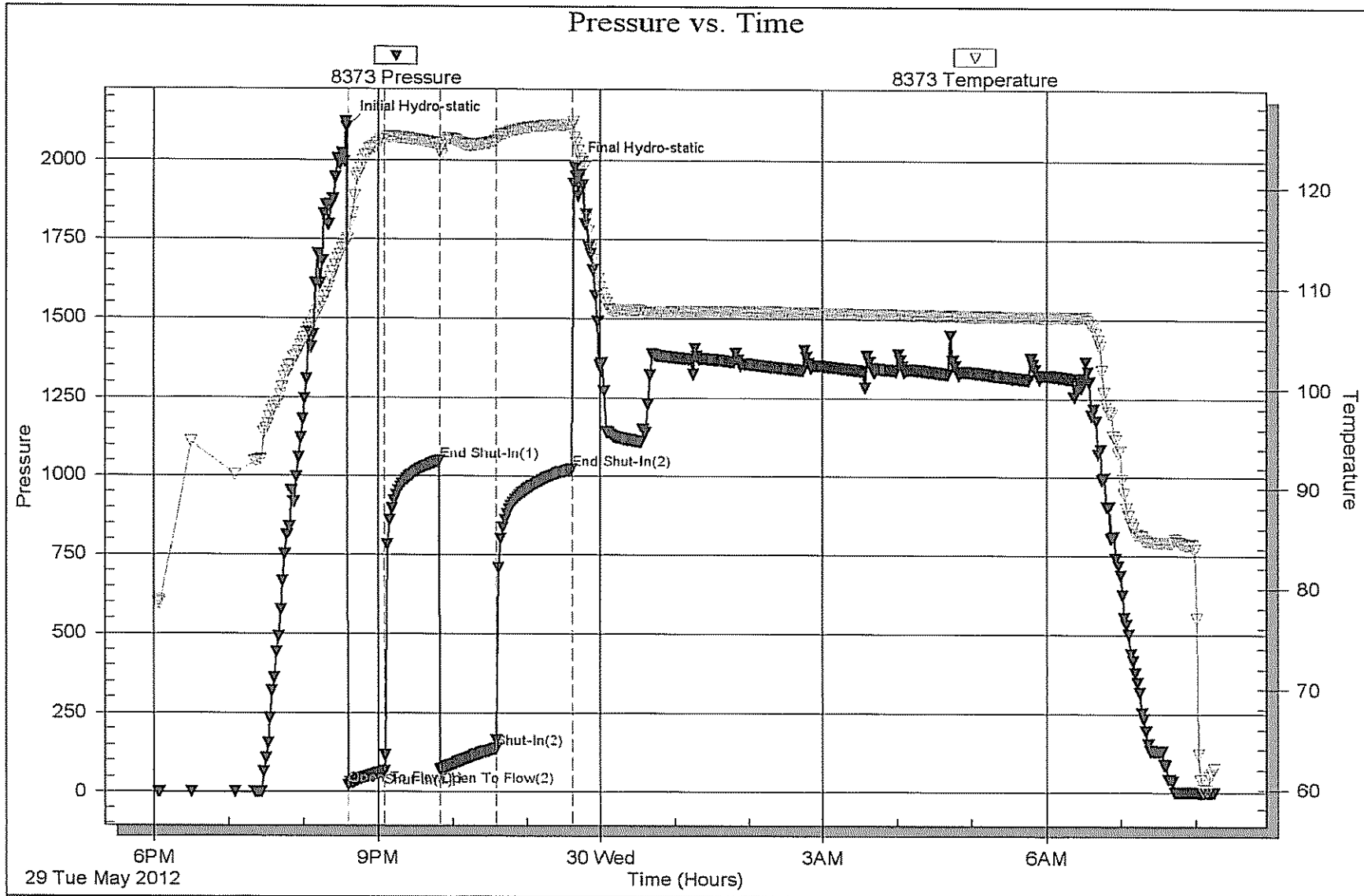
Num Gas Bombs: 0

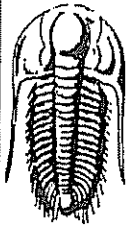
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .23@58=38000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas

24-14-31w Gove, Ks

301 S. Market St.
Wichita, Ks 67202

Hanna D 1-24

Job Ticket: 46524

DST#: 4

ATTN: Wes Hansen

Test Start: 2012.05.31 @ 17:53:00

GENERAL INFORMATION:

Formation: **Cherokee/ Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:44:00

Time Test Ended: 00:52:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Brandon Turley/ Jace

Unit No: 60

Interval: 4402.00 ft (KB) To 4500.00 ft (KB) (TVD)

Reference Elevations: 2836.00 ft (KB)

Total Depth: 4500.00 ft (KB) (TVD)

2826.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8356

Outside

Press@RunDepth: 23.40 psig @ 4403.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.05.31

End Date:

2012.06.01

Last Calib.:

2012.06.01

Start Time: 17:53:05

End Time:

00:51:59

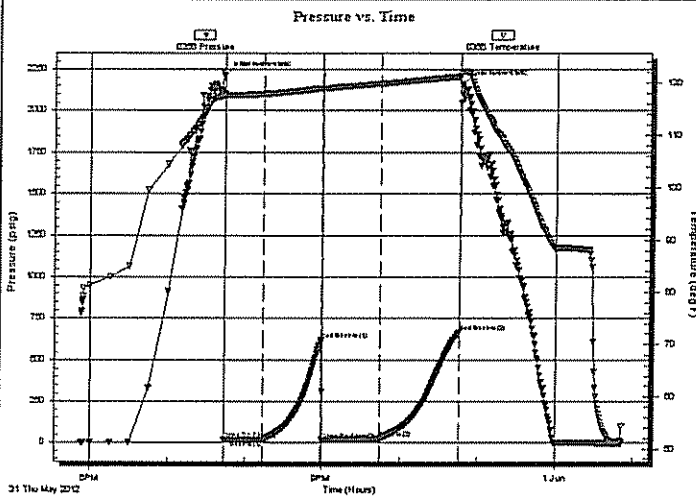
Time On Blmt

2012.05.31 @ 19:43:45

Time Off Blmt

2012.05.31 @ 22:47:15

TEST COMMENT: IF: 1/4 blow built to 3.
IS: No return.
FF: 1/4 blow built to 6
FS: No return



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2216.65 | 117.92 | Initial Hydro-static |
| 1 | 18.74 | 117.36 | Open To Flow (1) |
| 31 | 16.90 | 117.80 | Shut-In(1) |
| 76 | 617.08 | 118.95 | End Shut-In(1) |
| 77 | 15.26 | 118.87 | Open To Flow (2) |
| 121 | 23.40 | 119.85 | Shut-In(2) |
| 182 | 663.44 | 121.23 | End Shut-In(2) |
| 184 | 2163.38 | 122.11 | Final Hydro-static |

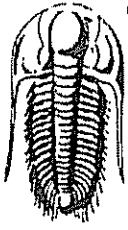
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 1.00 | 100% Clean Oil | 0.01 |
| 29.00 | ocm 10%O 85%M | 0.41 |
| | | |
| | | |
| | | |

* 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

24-14-31w Gove, Ks

301 S. Market St.
Wichita, Ks 67202

Hanna D 1-24

Job Ticket: 46524

DST#: 4

ATTN: Wes Hansen

Test Start: 2012.05.31 @ 17:53:00

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: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4600.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbbl |
|--------------|----------------|----------------|
| 1.00 | 100% Clean Oil | 0.014 |
| 29.00 | ocm 10%O 85%M | 0.407 |

Total Length: 30.00 ft Total Volume: 0.421 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

