



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1069024
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: _____

1069024

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

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | Knapp 6-31 |
| Doc ID | 1069024 |

All Electric Logs Run

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

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | Knapp 6-31 |
| Doc ID | 1069024 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Heebner | 3869 | -986 |
| Lansing | 3912 | -1029 |
| Stark Shale | 4154 | -1271 |
| Hushpuckney | 4189 | -1306 |
| Base KC | 4228 | -1345 |
| Marmaton | 4260 | -1377 |
| Pawnee | 4347 | -1464 |
| Ft. Scott | 4377 | -1494 |
| Cherokee Sh | 4398 | -1515 |
| Johnson | 4471 | -1588 |
| Mississippian | 4518 | -1635 |

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

January 18, 2012

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

Re: ACO1
API 15-063-21950-00-00
Knapp 6-31
NE/4 Sec.31-13S-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



JS

INVOICE

24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

Invoice Number: 129323
 Invoice Date: Nov 16, 2011
 Page: 1

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


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

Federal Tax I.D.#: 20-5975804

*Drilling AFE 11 303
 11-28-11 LK*

| Customer ID | Well Name# or Customer P.O. | Payment Terms | |
|--------------|-----------------------------|---------------|----------|
| Lario | <u>Knapp #6-31</u> | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Oakley | Nov 16, 2011 | 12/16/11 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|-----------------------|------------|----------|
| 165.00 | MAT | Class A Common | 16.25 | 2,681.25 |
| 3.00 | MAT | Gel | 21.25 | 63.75 |
| 6.00 | MAT | Chloride | 58.20 | 349.20 |
| 174.00 | SER | Handling | 2.25 | 391.50 |
| 20.00 | SER | Mileage | 19.14 | 382.80 |
| 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 | CEMENTER | Terry Heinrich | | |
| 1.00 | EQUIP OPER | Wayne Mc Ghgghy | | |
| 1.00 | OPER ASSIST | Chris Helpingstine | | |

all cc

 NOV 30 2011
all cc

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

\$ 1042.70

ONLY IF PAID ON OR BEFORE
Dec 11, 2011

| | |
|------------------------|-----------------|
| Subtotal | 5,213.50 |
| Sales Tax | 249.08 |
| Total Invoice Amount | 5,462.58 |
| Payment/Credit Applied | |
| TOTAL | 5,462.58 |

ALLIED CEMENTING CO., LLC. 035931

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
OAKLEY

| | | | | | | | |
|----------------------------------|-------------------|-----------------|-----------------------------------|------------|----------------------------|---------------------------|----------------------------|
| DATE <u>11-16-11</u> | SEC. <u>31</u> | TWP. <u>13S</u> | RANGE <u>31W</u> | CALLED OUT | ON LOCATION <u>9:20 AM</u> | JOB START <u>10:30 AM</u> | JOB FINISH <u>11:00 AM</u> |
| LEASE <u>KNAFF</u> | WELL# <u>6-31</u> | | LOCATION <u>OAKLEY 115-3-E-45</u> | | COUNTY <u>GOVE</u> | STATE <u>Ks</u> | |
| OLD OR <u>(NEW)</u> (Circle one) | | | | | | | |

| | |
|---------------------------------------|-------------------|
| CONTRACTOR <u>PICKELL DRG RES #10</u> | OWNER <u>SAME</u> |
| TYPE OF JOB <u>SURFACE</u> | |
| HOLE SIZE <u>12 1/4"</u> | T.D. <u>271'</u> |
| CASING SIZE <u>8 5/8"</u> | DEPTH <u>271'</u> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL | DEPTH |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT |
| CEMENT LEFT IN CSG. <u>15'</u> | |
| PERFS. | |
| DISPLACEMENT <u>16 1/4 BBLs</u> | |

| | | | |
|--|------------------------|---|--------------------------------|
| CEMENT | | | |
| AMOUNT ORDERED | | | |
| <u>165 SKs COM 3 7/8 CC 2 1/2 8 E1</u> | | | |
| COMMON | <u>165 SKs</u> | @ | <u>16 25/32</u> <u>2691 25</u> |
| POZMIX | | @ | |
| GEL | <u>3 SKs</u> | @ | <u>21 25/32</u> <u>63 25</u> |
| CHLORIDE | <u>6 SKs</u> | @ | <u>58 25/32</u> <u>349 25</u> |
| ASC | | @ | |
| HANDLING | <u>17 1/2 SKs</u> | @ | <u>2 25/32</u> <u>391 25</u> |
| MILEAGE | <u>114 PER SK/MILE</u> | | <u>382 25</u> |
| TOTAL | | | <u>3868 25</u> |

REMARKS:

Hook on to 8 5/8" casing. Circulate for 10 mins. Hook up to truck mix 165 SKs COM 3 7/8 CC 2 1/2 8 E1. Displace with 16 1/4 BBLs water.

Cement did circulate

THANK YOU

CHARGE TO: LARIO OIL & GAS
STREET _____
CITY _____ STATE _____ ZIP _____

SERVICE

| | |
|----------------------|---|
| DEPTH OF JOB | <u>271</u> |
| PUMP TRUCK CHARGE | <u>1125</u> |
| EXTRA FOOTAGE | @ |
| MILEAGE | <u>20800</u> @ <u>7 25/32</u> <u>140 25</u> |
| MANIFOLD | @ |
| <u>Eight Vehicle</u> | <u>20</u> @ <u>4 25/32</u> <u>80 25</u> |
| TOTAL | <u>1345 25</u> |

PLUG & FLOAT EQUIPMENT

| | | |
|-------|---|--|
| | @ | |
| | @ | |
| | @ | |
| | @ | |
| TOTAL | | |

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.

PRINTED NAME MIKE KEVIN

SIGNATURE Mike Kevin

SALES TAX (If Any) _____
TOTAL CHARGES _____
DISCOUNT _____ IF PAID IN 30 DAYS

Bid



INVOICE

24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906
 Voice: (817) 546-7282
 Fax: (817) 246-3361

Invoice Number: 129398
 Invoice Date: Nov 26, 2011
 Page: 1

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

Federal Tax I.D.#: 20-5975804

*drilling AFE 11-303
 12-6-11 LK*

| Customer ID | Well Name# or Customer P.O. | Payment Terms | |
|--------------|-----------------------------|---------------|----------|
| Lario | Knapp #6-31 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Nov 26, 2011 | 12/26/11 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|--------------------------------|------------|----------|
| 510.00 | MAT | Class A Lightweight | 14.50 | 7,395.00 |
| 128.00 | MAT | FloSeal | 2.70 | 345.60 |
| 550.00 | SER | Handling | 2.25 | 1,237.50 |
| 20.00 | SER | Mileage (Production Top Stage) | 60.50 | 1,210.00 |
| 1.00 | CEMENTER | LaRene Wentz | | |
| 1.00 | CEMENTER | Bobby Smith | | |
| 1.00 | EQUIP OPER | Darren Racette | | |
| 1.00 | OPER ASSIST | Dane Reztloff | | |

ad xc
 DEC 7 2011
ad xc

| | |
|------------------------|------------------|
| Subtotal | 10,188.10 |
| Sales Tax | 623.12 |
| Total Invoice Amount | 10,811.22 |
| Payment/Credit Applied | |
| TOTAL | 10,811.22 |

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

\$ 2037.62

ONLY IF PAID ON OR BEFORE
Dec 21, 2011

ALLIED CEMENTING CO., LLC. 036124

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakleys
11-22-11

| | | | | | | | |
|-------------------------|-------------------|----------------------------------|-----------------|------------|----------------------------|--------------------------|---------------------------|
| DATE <i>11-26-11</i> | SEC. <i>31</i> | TWP. <i>13</i> | RANGE <i>31</i> | CALLED OUT | ON LOCATION <i>5:00 pm</i> | JOB START <i>6:30 am</i> | JOB FINISH <i>1:30 am</i> |
| LEASE <i>Knapp</i> | WELL# <i>6-31</i> | LOCATION <i>Dakleys 11S, 3E,</i> | | | COUNTY <i>Goove</i> | STATE <i>Ks</i> | |
| OLD OR NEW (Circle one) | | <i>45 Winto</i> | | | | | |

CONTRACTOR *Pickerell #10*

TYPE OF JOB *Production Top stage*

HOLE SIZE *7 7/8* T.D. *4620*

CASING SIZE *5 1/2* DEPTH *4601*

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL *DW* DEPTH *2295*

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG.

PERFS.

DISPLACEMENT *56.0*

EQUIPMENT

OWNER *same*

CEMENT AMOUNT ORDERED *510 sks Life 14.50 Seal*

COMMON @

POZMIX @

GEL @

CHLORIDE @

ASC @

Life (Type II) 5.00 @ 14.50 7395.00

Float 128. # @ 3.70 345.60

HANDLING *550 sks @ 2.25 1237.50*

MILEAGE *114.56/mile @ 12.00 1374.72*

TOTAL *10888.10*

PUMP TRUCK CEMENTER *Lakene*

431 HELPER *Darren*

BULK TRUCK DRIVER *Paul/Bob S.W.*

394/287

BULK TRUCK DRIVER

REMARKS:

Plug rat hole with 30 sks

with 480 sks down casing

wash pump & lines, release plug

Displace with water

Lead plug at 2000 ft float field

Cement did circulate

Thank you

CHARGE TO: *Larry Delt Gas*

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB *2295'*

PUMP TRUCK CHARGE *nc*

EXTRA FOOTAGE @

MILEAGE: *20 @ 7.00*

MANIFOLD @

Light vehicle mileage @ 4.00

TOTAL *nc*

PLUG & FLOAT EQUIPMENT

@

@

@

@

@

TOTAL

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 *Curtis D Reil*

SIGNATURE *Curtis D Reil*

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Bill



24 S. Lincoln Street
 P.O. Box 31
 Russell, KS 67665-2906

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

INVOICE

Invoice Number: 129397

Invoice Date: Nov 26, 2011

Page: 1

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

Federal Tax I.D.#: 20-5975804

*Drilling AFE 11 303
 12-5-11 LK*

| Customer ID | Well Name# or Customer P.O. | Payment Terms | |
|--------------|-----------------------------|---------------|----------|
| Lario | <u>Knapp #6-31</u> | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Nov 26, 2011 | 12/26/11 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------|-------------------------|------------|----------|
| 4.00 | MAT | Gel | 21.25 | 85.00 |
| 195.00 | MAT | ASC | 19.00 | 3,705.00 |
| 18.00 | MAT | Salt | 23.95 | 431.10 |
| 975.00 | MAT | Gilsonite | 0.89 | 867.75 |
| 500.00 | MAT | WFR-2 | 1.27 | 635.00 |
| 248.00 | SER | Handling | 2.25 | 558.00 |
| 20.00 | SER | Mileage | 27.28 | 545.60 |
| 1.00 | SER | Production Bottom Stage | 2,405.00 | 2,405.00 |
| 20.00 | SER | Heavy Vehicle Mileage | 7.00 | 140.00 |
| 1.00 | SER | Manifold Head Rental | 200.00 | 200.00 |
| 20.00 | SER | Light Vehicle Mileage | 4.00 | 80.00 |
| 1.00 | EQP | 5 1/2 DV Tool | 4,921.00 | 4,921.00 |
| 1.00 | EQP | 5 1/2 AFU Float Shoe | 349.00 | 349.00 |
| 1.00 | EQP | 5 1/2 Latch Down Plug | 277.00 | 277.00 |
| 9.00 | EQP | 5 1/2 Centralizers | 49.00 | 441.00 |
| 2.00 | EQP | 5 1/2 Baskets | 337.00 | 674.00 |
| 1.00 | CEMENTER | LaRene Wentz | | |
| 1.00 | CEMENTER | Bobby Smith | | |
| 1.00 | EQUIP OPER | Darren Racette | | |
| 1.00 | OPER ASSIST | Dane Reztloff | | |

all JC
 DEC 7 2011
all JC

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

\$3262.89

ONLY IF PAID ON OR BEFORE
Dec 21, 2011

| | |
|------------------------|------------------|
| Subtotal | 16,314.45 |
| Sales Tax | 997.06 |
| Total Invoice Amount | 17,311.51 |
| Payment/Credit Applied | |
| TOTAL | 17,311.51 |

ALLIED CEMENTING CO., LLC. 036123

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:
Oakley, KS

| | | | | | | | |
|-------------------------|--------------------|--|-----------------|--------------|---------------------------|-------------------------|--------------------------|
| DATE <u>11-26-11</u> | SEC. <u>31</u> | TWP. <u>13</u> | RANGE <u>31</u> | CALLED OUT | ON LOCATION <u>5:00pm</u> | JOB START <u>2:00am</u> | JOB FINISH <u>2:30am</u> |
| LEASE <u>Kacopp</u> | WELL # <u>6-31</u> | LOCATION <u>Oakley, KS 113, 3E, 4S</u> | | | COUNTY <u>Gove</u> | STATE <u>KS</u> | |
| OLD OR NEW (Circle one) | | | | <u>Winfo</u> | | | |

| | |
|--|--------------------------|
| CONTRACTOR <u>Pickereil #10</u> | OWNER <u>Same</u> |
| TYPE OF JOB <u>Production Bottom Stage</u> | |
| HOLE SIZE <u>7 7/8</u> | T.D. <u>4620'</u> |
| CASING SIZE <u>5 1/2</u> | DEPTH <u>4601'</u> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL <u>DU</u> | DEPTH <u>2295'</u> |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT <u>20.27'</u> |
| CEMENT LEFT IN CSG. <u>20.27'</u> | |
| PERFS: | |
| DISPLACEMENT <u>111.92 bbl</u> | |

| | |
|--------------------------|-------------------------------|
| EQUIPMENT | |
| PUMP TRUCK # <u>431</u> | CEMENTER <u>Karena</u> |
| | HELPER <u>Darren</u> |
| BULK TRUCK # <u>5404</u> | DRIVER <u>Dave / Bob S. Q</u> |
| BULK TRUCK # | DRIVER |

| | |
|----------------------------|---|
| CEMENT | AMOUNT ORDERED <u>185 sks ASC, 182 salt</u> |
| | <u>57 gilsourite, 2 gels.</u> |
| COMMON | @ |
| POZMIX | @ |
| GEL | <u>4.5 ks @ 21.25 95.00</u> |
| CHLORIDE | @ |
| ASC | <u>1959 ks @ 18.00 3705.00</u> |
| | @ |
| <u>salt</u> | <u>185 ks @ 22.25 431.10</u> |
| <u>gilsourite</u> | <u>975 sk @ .89 862.75</u> |
| | @ |
| <u>WFR-2</u> | <u>500 gal @ 1.27 635.00</u> |
| | @ |
| | @ |
| HANDLING <u>248 sks</u> | @ <u>2.25 558.00</u> |
| MILEAGE <u>119.2 miles</u> | <u>545.60</u> |
| TOTAL <u>6827.45</u> | |

REMARKS:
stayed Pump ball through circulate
1 1/2 hrs, mix 500 gal WFR-2 mix
125 sks cement, wash pump & line.
Displace with water, finish
hand plug at 2000' of get hold.
Open DU tool, circulate 3 hrs.

Thank you

| | |
|------------------------------|----------------------|
| SERVICE | |
| DEPTH OF JOB | <u>4601'</u> |
| PUMP TRUCK CHARGE | <u>2405.00</u> |
| EXTRA FOOTAGE | @ |
| MILEAGE <u>20.25</u> | @ <u>7.00 140.00</u> |
| MANIFOLD <u>head</u> | @ <u>2.00 2.00</u> |
| <u>light vehicle mileage</u> | @ <u>4.00 80.00</u> |
| | @ |
| TOTAL <u>2825.00</u> | |

CHARGE TO: Larid Oil & Gas

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 Curtis D Keil

SIGNATURE Curtis D Keil

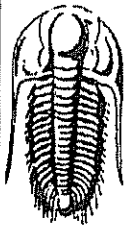
| | |
|-------------------------|------------------------|
| PLUG & FLOAT EQUIPMENT | |
| <u>(W) DU Tool</u> | <u>4921.00</u> |
| <u>AFU Float Shoe</u> | @ <u>349.00</u> |
| <u>Lastel down plug</u> | @ <u>272.00</u> |
| <u>(9) Centralizers</u> | @ <u>518.00 441.00</u> |
| <u>(2) Baskets</u> | @ <u>332.00 674.00</u> |
| | @ |
| TOTAL <u>6662.00</u> | |

SALES TAX (If Any) _____

TOTAL CHARGES _____

DISCOUNT _____ IF PAID IN 30 DAYS

Bid



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

31-13s-31w

301 S Market
Wichita, Ks 67202

Knapp 6-31

Job Ticket: 45290

DST#: 1

ATTN: Tim Lauer

Test Start: 2011.11.21 @ 22:30:48

GENERAL INFORMATION:

Formation: **Lansing D**

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

Time Tool Opened: 00:42:13

Time Test Ended: 05:38:57

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

Tester: **Brandon Turley**

Unit No: **35**

Interval: **3980.00 ft (KB) To 4008.00 ft (KB) (TVD)**

Total Depth: **4008.00 ft (KB) (TVD)**

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

Reference Elevations: **2883.00 ft (KB)**

2876.00 ft (CF)

KB to GR/CF: **7.00 ft**

Serial #: **8373** Inside

Press@RunDepth: **15.13 psig @ 3981.00 ft (KB)**

Start Date: **2011.11.21**

End Date:

2011.11.22

Capacity: **8000.00 psig**

Last Calib.: **2011.11.22**

Start Time: **22:30:48**

End Time:

05:38:57

Time On Btm: **2011.11.22 @ 00:40:13**

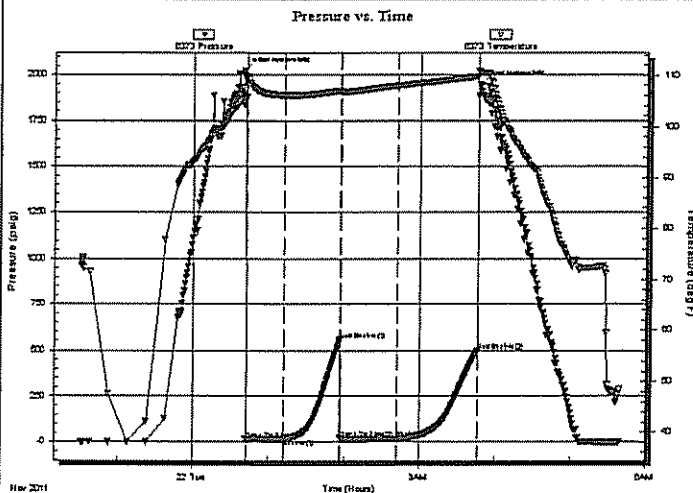
Time Off Btm: **2011.11.22 @ 03:47:27**

TEST COMMENT: IF: 1/4 blow built to 1 in 30 min.

IS: No return.

FF: Surface blow built to 1/2 in 60 min.

FS: No return.



PRESSURE SUMMARY

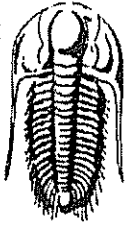
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2022.23 | 105.39 | Initial Hydro-static |
| 2 | 13.30 | 108.01 | Open To Flow (1) |
| 32 | 14.47 | 106.09 | Shut-In(1) |
| 77 | 554.83 | 107.02 | End Shut-In(1) |
| 77 | 14.67 | 106.73 | Open To Flow (2) |
| 122 | 15.13 | 107.97 | Shut-In(2) |
| 186 | 496.17 | 109.84 | End Shut-In(2) |
| 188 | 1949.33 | 110.51 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 15.00 | mud oil spots 100% m | 0.21 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

31-13s-31w

301 S Market
Wichita, Ks 67202

Knapp 6-31

Job Ticket: 45290

DST#: 1

ATTN: Tim Lauer

Test Start: 2011.11.21 @ 22:30:48

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:

bbf

Water Loss: 9.58 in²

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|---------------------------------|---------------|
| 15.00 | mud oil spots 100% _m | 0.210 |

Total Length: 15.00 ft Total Volume: 0.210 bbf

Num Fluid Samples: 0

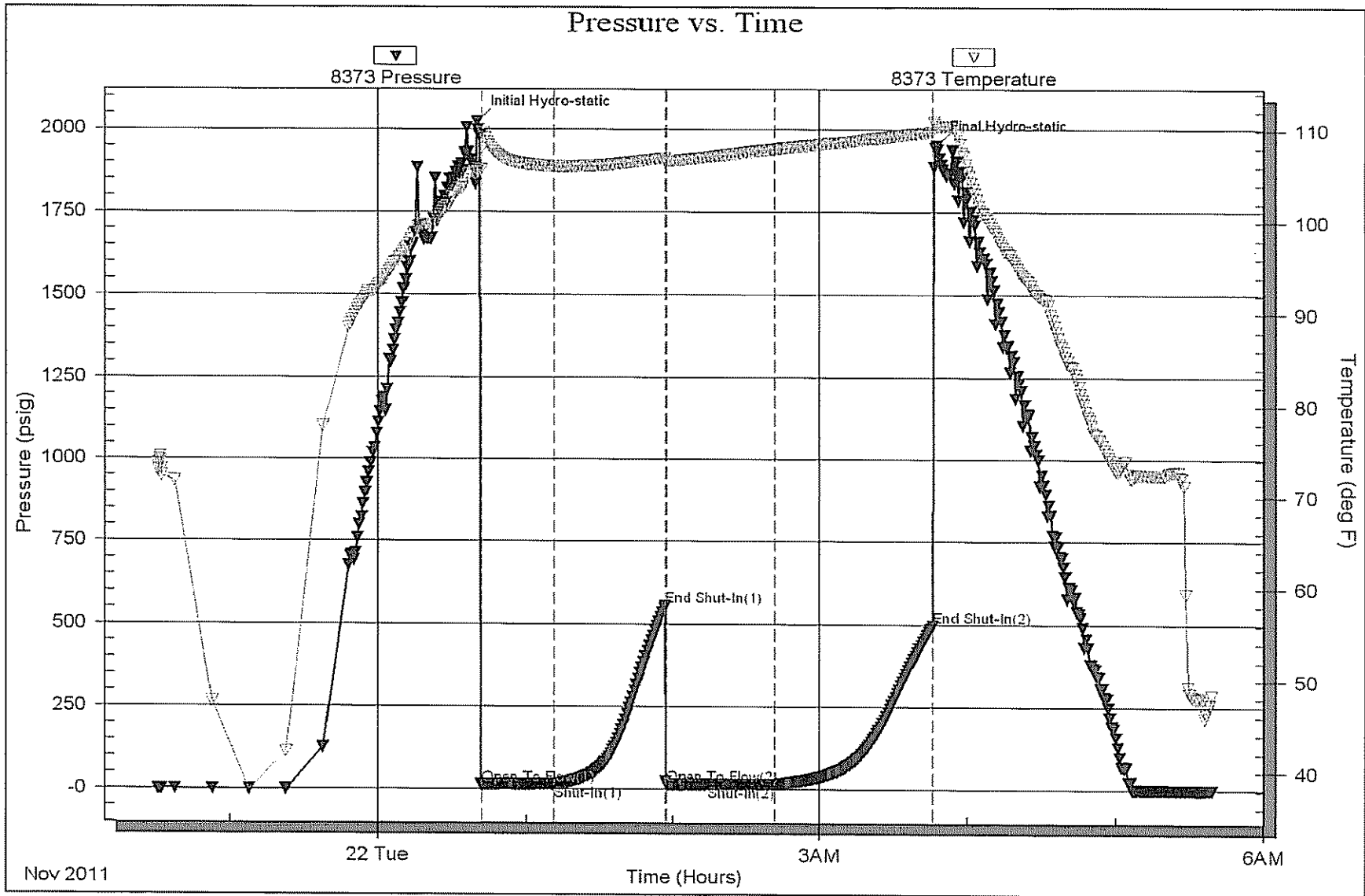
Num Gas Bombs: 0

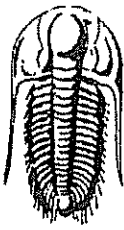
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

31-13s-31w

301 S Market
Wichita, Ks 67202

Knapp 6-31

Job Ticket: 45291

DST#: 2

ATTN: Tim Laver

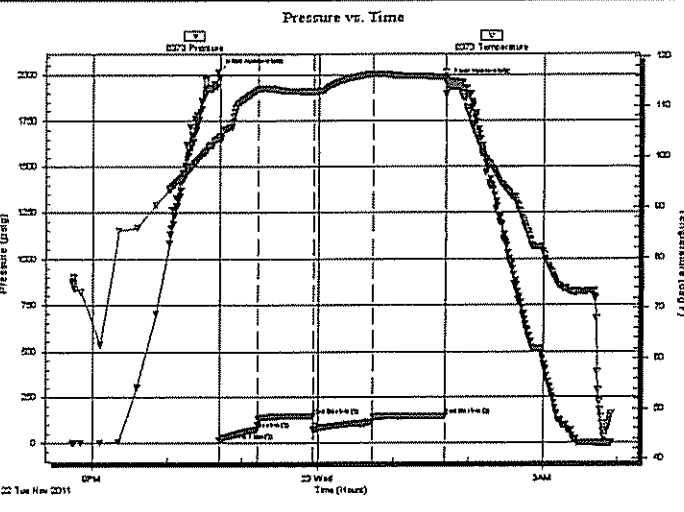
Test Start: 2011.11.22 @ 20:44:05

GENERAL INFORMATION:

Formation: **Lansing H**
 Deviated: **No** Whipstock: **ft (KB)**
 Time Tool Opened: 22:42:05
 Time Test Ended: 03:54:35
 Interval: **4060.00 ft (KB) To 4095.00 ft (KB) (TVD)**
 Total Depth: **4095.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Brandon Turley**
 Unit No: **35**
 Reference Elevations: **2883.00 ft (KB)**
2876.00 ft (CF)
 KB to GR/CF: **7.00 ft**

Serial #: **8373** Inside
 Press@RunDepth: **115.17 psig @ 4061.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.11.22** End Date: **2011.11.23** Last Calib.: **2011.11.23**
 Start Time: **20:44:10** End Time: **03:54:34** Time On Btm: **2011.11.22 @ 22:40:20**
 Time Off Btm: **2011.11.23 @ 01:42:20**

TEST COMMENT: IF: 1/4 blow BOB in 22 min.
 IS: No return.
 FF: Surface blow built to 6 in 45 min.
 FS: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2015.98 | 103.75 | Initial Hydro-static |
| 2 | 13.53 | 103.43 | Open To Flow (1) |
| 32 | 73.08 | 113.35 | Shut-in(1) |
| 76 | 147.57 | 112.97 | End Shut-in(1) |
| 76 | 74.25 | 112.92 | Open To Flow (2) |
| 123 | 115.17 | 116.52 | Shut-in(2) |
| 182 | 148.00 | 115.89 | End Shut-in(2) |
| 182 | 1958.80 | 115.72 | Final Hydro-static |

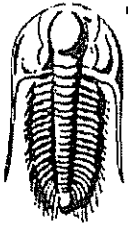
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------|--------------|
| 124.00 | mcw 90%w 10%m | 1.74 |
| 93.00 | w cm 40%w 60%m | 1.30 |
| | | |
| | | |

* 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

31-13s-31w

301 S Market
Wichita, Ks 67202

Knapp 6-31

Job Ticket: 45291

DST#: 2

ATTN: Tim Laver

Test Start: 2011.11.22 @ 20:44:05

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:

65000 ppm

Viscosity: 58.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 2400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|----------------|---------------|
| 124.00 | mcw 90%w 10%m | 1.739 |
| 93.00 | w cm 40%w 60%m | 1.305 |

Total Length: 217.00 ft Total Volume: 3.044 bbl

Num Fluid Samples: 0

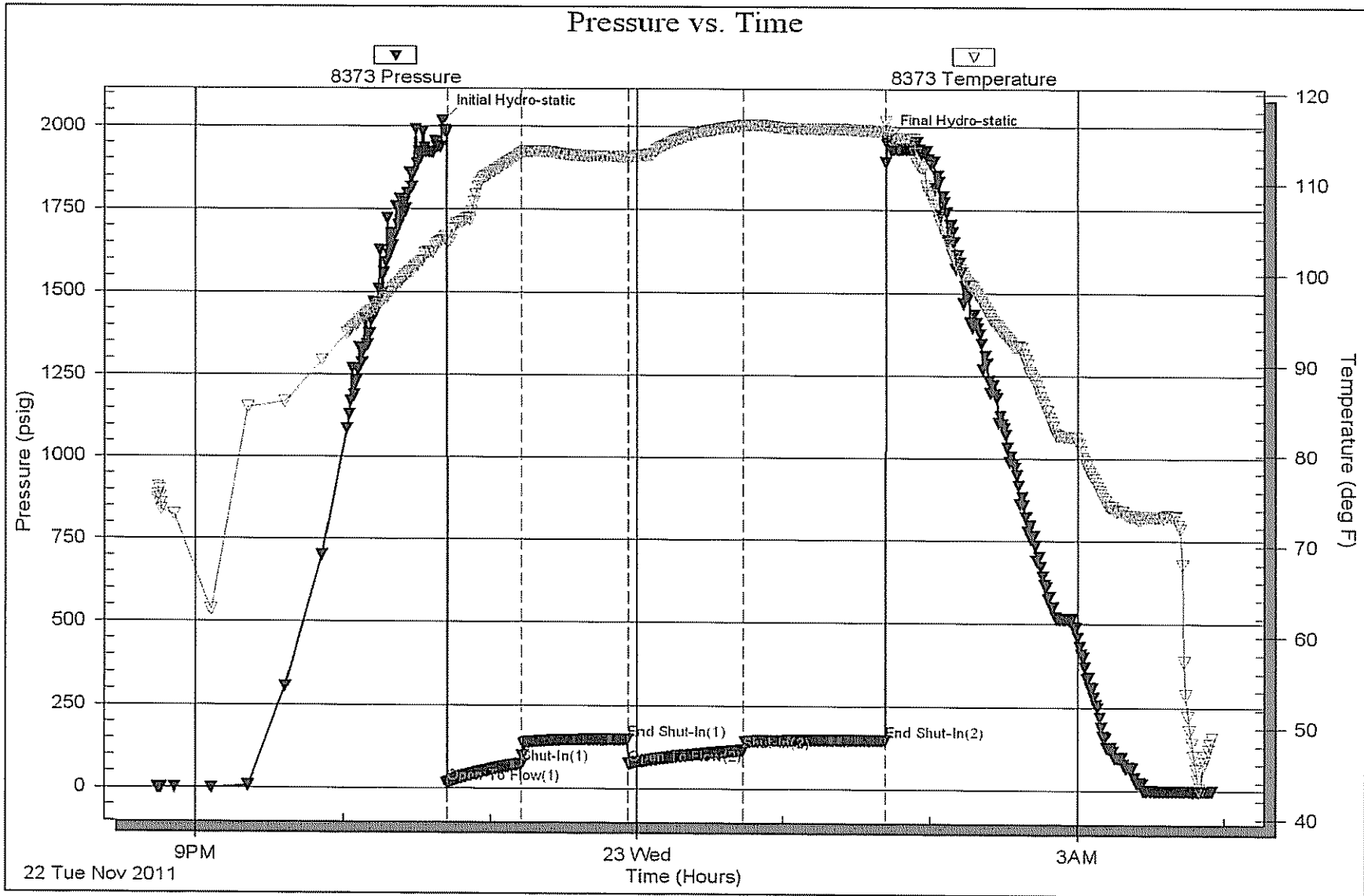
Num Gas Bombs: 0

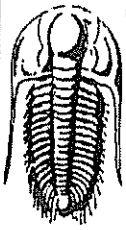
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .25@34=65000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

31-13s-31w

301 S Market
Wichita, Ks 67202

Knapp 6-31

Job Ticket: 45292

DST#: 3

ATTN: Tim Laver

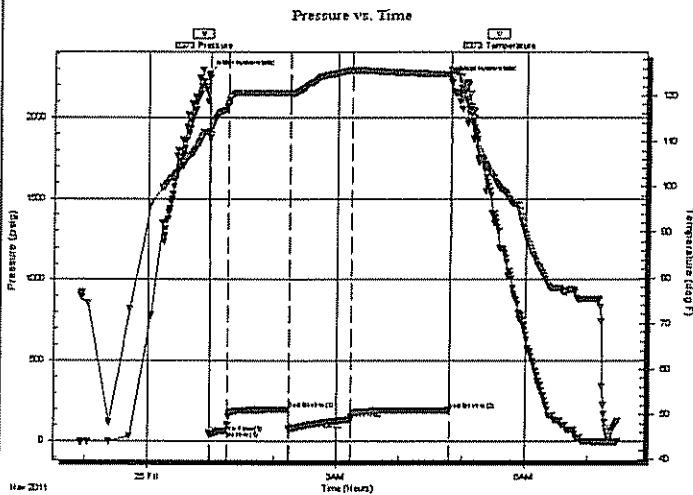
Test Start: 2011.11.24 @ 22:55:41

GENERAL INFORMATION:

Formation: **Johnson**
 Deviated: **No Whipstock** ft (KB)
 Time Tool Opened: 00:58:21
 Time Test Ended: 07:28:21
 Test Type: **Conventional Bottom Hole (Reset)**
 Tester: **Brandon Turley**
 Unit No: **35**
 Interval: **4460.00 ft (KB) To 4504.00 ft (KB) (TVD)**
 Reference Elevations: **2883.00 ft (KB)**
2876.00 ft (CF)
 Total Depth: **4504.00 ft (KB) (TVD)**
 Hole Diameter: **7.88 inches** Hole Condition: **Good**
 KB to GR/CF: **7.00 ft**

Serial #: 8373 Inside
 Press@RunDepth: **135.98 psig @ 4461.00 ft (KB)** Capacity: **8000.00 psig**
 Start Date: **2011.11.24** End Date: **2011.11.25** Last Calib.: **2011.11.25**
 Start Time: **22:55:41** End Time: **07:28:21** Time On Blmt: **2011.11.25 @ 00:56:51**
 Time Off Blmt: **2011.11.25 @ 04:48:20**

TEST COMMENT: IF: BOB in 1 min.
 IS: No return.
 FF: BOB in 1 min. Gas to surface 30 min.
 FS: Surface blow BOB in 18 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2274.16 | 112.05 | Initial Hydro-static |
| 2 | 49.18 | 110.78 | Open To Flow (1) |
| 19 | 67.21 | 117.73 | Shut-In(1) |
| 77 | 197.16 | 120.68 | End Shut-In(1) |
| 78 | 68.75 | 120.52 | Open To Flow (2) |
| 137 | 135.98 | 125.68 | Shut-In(2) |
| 231 | 193.91 | 124.81 | End Shut-In(2) |
| 232 | 2236.24 | 125.74 | Final Hydro-static |

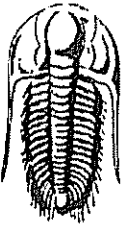
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 10.00 | mcw 90%w 10%m | 0.14 |
| 174.00 | mw cgo 10%g 80%o 5%w 5%m | 2.44 |
| 124.00 | gocm 10%g 20%o 70%m | 1.74 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company
301 S Market
Wichita, Ks 67202
ATTN: Tim Laver

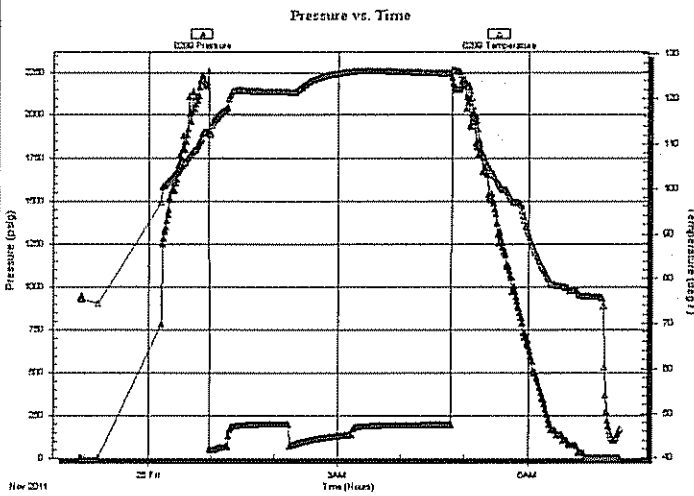
31-13s-31w
Knapp 6-31
Job Ticket: 45292 DST#: 3
Test Start: 2011.11.24 @ 22:55:41

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: **No Whipstock:** ft (KB)
Time Tool Opened: 00:58:21
Time Test Ended: 07:28:21
Interval: **4460.00 ft (KB) To 4504.00 ft (KB) (TVD)**
Total Depth: **4504.00 ft (KB) (TVD)**
Hole Diameter: **7.88 inches** Hole Condition: **Good**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Brandon Turley**
Unit No: **35**
Reference Elevations: 2883.00 ft (KB)
 2876.00 ft (CF)
KB to GR/CF: 7.00 ft

Serial #: 8289 **Outside**
Press@RunDepth: psig @ 4461.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2011.11.24 End Date: 2011.11.25 Last Calib.: 2011.11.25
Start Time: 22:55:21 End Time: 07:28:01 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF: BOB in 1 min.
IS: No return.
FF: BOB in 1 min. Gas to surface 30 min.
FS: Surface blow BOB in 18 min.

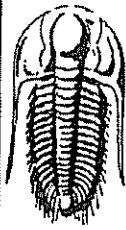


| PRESSURE SUMMARY | | | |
|------------------|-----------------|--------------|------------|
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
| | | | |
| | | | |
| | | | |
| | | | |

| Recovery | | |
|-------------|---------------------------|--------------|
| Length (ft) | Description | Volume (bbt) |
| 10.00 | mcw 90%w 10% m | 0.14 |
| 174.00 | mw cgo 10%g 80%o 5%w 5% m | 2.44 |
| 124.00 | gocm 10%g 20%o 70% m | 1.74 |
| | | |
| | | |

| 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 Company

31-13s-31w

301 S Market
Wichita, Ks 67202

Knapp 6-31

Job Ticket: 45292

DST#: 3

ATTN: Tim Laver

Test Start: 2011.11.24 @ 22:55:41

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:

42000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.78 in²

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 | mcw 90%w 10%m | 0.140 |
| 174.00 | mw cgo 10%g 80%o 5%w 5%m | 2.441 |
| 124.00 | gocm 10%g 20%o 70%m | 1.739 |

Total Length: 308.00 ft

Total Volume: 4.320 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: .30@41=42000

