

Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1233656  
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<br>Recompletion Date | Date Reached TD | Completion Date or<br>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: \_\_\_\_\_

1233656



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<br><i>(Attach Additional Sheets)</i><br><br>Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No<br>Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No<br><br>List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample<br><br>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<br><input type="checkbox"/> Protect Casing<br><input type="checkbox"/> Plug Back TD<br><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<br>Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record<br><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:<br><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 |  |  |
|   |           |  |             |               |         |  |  |

|  |   |   |
|--|---|---|
| <b>DISPOSITION OF GAS:</b><br><input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease<br><i>(If vented, Submit ACO-18.)</i> | <b>METHOD OF COMPLETION:</b><br><input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled<br><i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i><br><input type="checkbox"/> Other <i>(Specify)</i> _____ | <b>PRODUCTION INTERVAL:</b><br>_____<br>_____ |
|--|---|---|

|           |                         |
|-----------|-------------------------|
| Form      | ACO1 - Well Completion  |
| Operator  | Lario Oil & Gas Company |
| Well Name | Berning A 1-7           |
| Doc ID    | 1233656                 |

All Electric Logs Run

|         |
|---------|
|         |
| MPD/MDN |
| MSS     |
| MML     |
| MAI/ME  |

|           |                         |
|-----------|-------------------------|
| Form      | ACO1 - Well Completion  |
| Operator  | Lario Oil & Gas Company |
| Well Name | Berning A 1-7           |
| Doc ID    | 1233656                 |

Tops

| Name          | Top  | Datum |
|---------------|------|-------|
| Heebner       | 4010 | -780  |
| Lansing       | 4062 | -832  |
| Stark Shale   | 4364 | -1134 |
| Hushpuckney   | 4414 | -1184 |
| Base KC       | 4510 | -1280 |
| Mamaton       | 4546 | -1316 |
| Pawnee        | 4643 | -1413 |
| Ft. Scott     | 4665 | -1435 |
| Johnson       | 4776 | -1546 |
| Morrow        | 4874 | -1644 |
| Mississippian | 5006 | -1776 |
| St. Louis     | 5043 | -1813 |





**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.Box884  
Chanute, KS 66720  
620/431-9210, 1-800/467-8676  
Fax 620/431-0012

Invoice

Invoice#

802319

Invoice Date: 11/30/14

Terms: Net 30

Page 1

LARIO OIL & GAS

P.O. BOX 1093  
GARDEN CITY KS 637846  
USA  
3162655611

BERNING A #1-7

*Drilling / Surface*  
*12-8-14 JK*

| Part No | Description                       | Quantity | Unit Price | Discount(%) | Total    |
|---------|-----------------------------------|----------|------------|-------------|----------|
| 5401    | Cement Pumper                     | 1.000    | 1,150.0000 | 15.000      | 977.50   |
| 5406    | Mileage Charge                    | 40.000   | 5.2500     | 15.000      | 178.50   |
| 5407A   | Ton Mileage Delivery Charge       | 1.000    | 740.6000   | 15.000      | 629.51   |
| 1104S   | Class A Cement                    | 225.000  | 18.5500    | 15.000      | 3,547.69 |
| 1102    | Calcium Chloride (50#)            | 634.000  | 0.9400     | 15.000      | 506.57   |
| 1118B   | Premium Gel / Bentonite           | 423.000  | 0.2700     | 15.000      | 97.08    |
| 4432    | 8 5/8 Wooden Plug                 | 1.000    | 100.7500   | 15.000      | 85.64    |
| 1111    | Sodium Chloride (Granulated Salt) | 100.000  | 0.0000     | 0.000       | 0.00     |

Subtotal 7,085.27

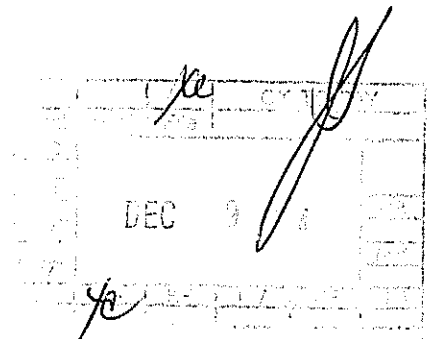
Discounted Amount 1,062.79

SubTotal After Discount 6,022.48

Amount Due 7,491.52 If paid after 12/30/14

Tax: 345.31

Total: 6,367.80





**CONSOLIDATED**  
Oil Well Services, LLC

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

1174 802319  
INVOICE # 1248  
1260

TICKET NUMBER 47913  
LOCATION Oakley KS  
FOREMAN Dane Retzlaff

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

| DATE            | CUSTOMER # | WELL NAME & NUMBER | SECTION    | TOWNSHIP | RANGE   | COUNTY  |
|-----------------|------------|--------------------|------------|----------|---------|---------|
| 11/30/14        | 4793       | Berning A # 1-7    | 7          | 19       | 35      | Wichita |
| CUSTOMER        |            |                    | MARIANTHAL |          |         |         |
| MARIANTHAL      |            |                    | TRUCK #    | DRIVER   | TRUCK # | DRIVER  |
| Lario Oil & Gas |            |                    | 399        | Jeremy   |         |         |
| MAILING ADDRESS |            |                    | 539        | Lance    |         |         |
| CITY            |            |                    |            |          |         |         |
| STATE           |            |                    |            |          |         |         |
| ZIP CODE        |            |                    |            |          |         |         |

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 364 CASING SIZE & WEIGHT 8 5/8 24 LBS  
 CASING DEPTH 364 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 1.36 WATER gal/sk 6.5 CEMENT LEFT IN CASING 90  
 DISPLACEMENT 21.9 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting. Rig up on Murfin 4#. Break circulation with rig pump.  
Mix 225 sks Class A 3% cc 2% gel. Displace 90 BBLs of water. Shut in  
Cement did circulate

Thanks Dane + crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE      | TOTAL   |
|--------------|-------------------|------------------------------------|-----------------|---------|
| 5401         | 1                 | PUMP CHARGE                        | 1150.00         | 1150.00 |
| 5406         | 40                | MILEAGE                            | 5.25            | 210.00  |
| 5407         | 10.58             | Ton Mileage Delivery               | 1.75            | 740.60  |
| 11045        | 225 sks           | Class A cement                     | 18.55           | 4173.75 |
| 1102         | 634#              | Calcium Chloride                   | .94             | 595.96  |
| 1118B        | 423#              | Bentonite                          | .27             | 114.21  |
| 4432         | 1                 | 8 5/8 Wooden Plug                  | 100.75          | 100.75  |
| 1111         | 100#              | Salt                               | NC              | NC      |
|              |                   |                                    | Sale            | 7085.27 |
|              |                   |                                    | less 15%        | 1062.79 |
|              |                   |                                    | Total           | 6022.48 |
|              |                   |                                    | SALES TAX       | 345.31  |
|              |                   |                                    | ESTIMATED TOTAL | 6367.80 |

Revin 3737

AUTHORIZATION Kelly Wilson TITLE Pusher DATE 11-30-14

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

## TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.





**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#

802695

Invoice Date: 12/18/14

Terms: C.O.D.

Page 1

LARIO OIL & GAS

P.O. BOX 1093  
GARDEN CITY KS 637846  
USA  
3162655611

**BERNING 1-7A**

*Drilling site 14-238  
12-22-14 LK*

| Part No    | Description                 | Quantity  | Unit Price | Discount(%) | Total    |
|------------|-----------------------------|-----------|------------|-------------|----------|
| 5401C      | Single Pump                 | 1.000     | 3,175.0000 | 15.000      | 2,698.75 |
| 5406       | Mileage Charge              | 40.000    | 5.2500     | 15.000      | 178.50   |
| 5407A      | Ton Mileage Delivery Charge | 1.000     | 2,449.3000 | 15.000      | 2,081.91 |
| 1126       | Oil Well Cement             | 212.000   | 23.7000    | 15.000      | 4,270.74 |
| 1110A      | Kol Seal (50# BAG)          | 1,060.000 | 0.5600     | 15.000      | 504.56   |
| 1131       | 60/40 Poz Mix               | 540.000   | 15.8600    | 15.000      | 7,279.74 |
| 1118B      | Premium Gel / Bentonite     | 3,715.000 | 0.2700     | 15.000      | 852.59   |
| 1107       | Flo-Seal                    | 135.000   | 2.9700     | 15.000      | 340.81   |
| 4161       | Float Shoe 4 1/2 AFU        | 1.000     | 359.2500   | 15.000      | 305.36   |
| 4453       | 4 1/2 Latch Down Plug       | 1.000     | 465.0000   | 15.000      | 395.25   |
| 4276A      | DV Tool Weatherford 4 1/2   | 1.000     | 4,200.0000 | 15.000      | 3,570.00 |
| 4103       | Cement Basket 4 1/2         | 1.000     | 275.0000   | 15.000      | 233.75   |
| 4129       | Centralizer 4 1/2           | 16.000    | 48.5000    | 15.000      | 659.60   |
| 1144G-0130 | Mud Flush - Oakley          | 500.000   | 1.0000     | 15.000      | 425.00   |

*ACL*

Stamp: (Acct / Exp / File /)  
DEC 23 2014  
*Handwritten signature*

Subtotal 27,995.95  
Discounted Amount 4,199.39  
SubTotal After Discount 23,796.56  
Amount Due 29,802.12 If paid after 12/18/14

Tax: 1,535.25  
Total: 25,331.81



**CONSOLIDATED**  
Oil Well Services, LLC

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

1545  
1494  
**Invoice # 802695**  
**FIELD TICKET & TREATMENT REPORT**  
**CEMENT**

TICKET NUMBER 47839  
LOCATION Daklay ks.  
FOREMAN Cory Davis  
Jerry

| DATE                  | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP  | RANGE   | COUNTY  |
|-----------------------|------------|--------------------|---------|-----------|---------|---------|
| 12/11/14              | 4793       | Berning 1-7 A      | 7       | 19        | 35 W    | wichita |
| CUSTOMER<br>Lario oil |            |                    | TRUCK # | DRIVER    | TRUCK # | DRIVER  |
| MAILING ADDRESS       |            |                    | 731     | Jeremy R. |         |         |
| CITY                  |            |                    | 693     | Jose      |         |         |
| STATE                 |            |                    | 528     | Robert R. |         |         |
| ZIP CODE              |            |                    |         | Larry H.  |         |         |

JOB TYPE Prod HOLE SIZE 7 7/8 HOLE DEPTH 5,100 CASING SIZE & WEIGHT 4 1/2 10.5  
CASING DEPTH 5,100 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER shoe at 10.31  
SLURRY WEIGHT 14.2/12.3 SLURRY VOL 1.42/1.9 WATER gals/sk 6.5/10.8 CEMENT LEFT in CASING 10 1/4  
DISPLACEMENT 52/39 1/4 DISPLACEMENT PSI 800/800 MIX PSI 200/200 RATE 6 BBL/min

REMARKS: Safety meeting, Rig up on Murfin Rig 4 Run casing and float Equipment  
centralizers on joint 122, 119, 116, 113, 110, 107, 104, 101, 98, 95, 92, 89, 86, 83, 60, and 57  
Basket on bottom of 58 DV Tool bottom of 57 top of 58 shoe joint 10' finish running casing  
to bottom Pump Ball through at 650 psi circulate for 1:30. hook up to to pump truck  
pump 5 BBL water mix mud flush 5 BBL water behind mix 2 1/2 sk OWC. 5# Kalsol shutdown  
Release plug Dis place 40 BBL water 42 BBL mud Plug land at 1200 psi open DV Tool  
at 900 psi circulate 3 hours Plug MH/RH with 500 lbs of 60/40 mix 490 60/40 poz mix 8%  
Gel 1.25# flo seal shutdown Release plug Displace 39 1/4 BBL water Final lift 800 psi  
Plug landed at 1500 psi. Rig down

Thanks Cory D. and crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE      | TOTAL     |
|--------------|-------------------|------------------------------------|-----------------|-----------|
| 5401 L       | 1                 | PUMP CHARGE                        | 3,175.00        | 3,175.00  |
| 5406         | 40                | MILEAGE                            | 5.25            | 210.00    |
| 5407A        | 34.99             | Ton Mileage Delivery               | 1.75            | 2,449.30  |
| 1126         | 212               | O.W.C.                             | 23.70           | 5,024.40  |
| 1110 A       | 1'060 #           | Kal seal                           | .56             | 593.60    |
| 1131         | 540               | 60/40 Poz mix                      | 15.86           | 8,564.40  |
| 1118 B       | 3,715             | Bentonite (Gel)                    | .27             | 1,003.05  |
| 1107         | 135               | flg seal                           | 2.97            | 400.95    |
| 4161         | 1                 | AFU Float Shoe                     | 359.25          | 359.25    |
| 4453         | 1                 | 4 1/2 Latch Down + Plug            | 465.00          | 465.00    |
| 4276A        | 1                 | 4 1/2 DV Tool                      | 4,200.00        | 4,200.00  |
| 4103         | 1                 | 4 1/2 Basket                       | 275.00          | 275.00    |
| 4129         | 16                | 4 1/2 Centralizers                 | 48.50           | 776.00    |
| 1144G        | 500 Gal           | DV 100 Mud flush                   | 1.00            | 500.00    |
|              |                   |                                    | subtotal        | 27,995.95 |
|              |                   |                                    | 15% loss        | 4,199.39  |
|              |                   |                                    | subtotal        | 23,796.56 |
|              |                   |                                    | SALES TAX       | 1,535.25  |
|              |                   |                                    | ESTIMATED TOTAL | 25,331.81 |

(AFC 14-238)

AUTHORIZATION rule [signature] TITLE Foreman DATE \_\_\_\_\_

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

## TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

## SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

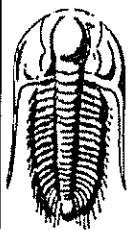
(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

## WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.



**TRILOBITE TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

Berning A #1-7

Job Ticket: 56581

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.12.06 @ 04:46:00

### GENERAL INFORMATION:

Formation: Lkc 'L'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:50:00

Time Test Ended: 15:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 44

Interval: 4404.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 3230.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

3215.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 15.00 ft

Serial #: 8968

Outside

Press@RunDepth: 21.45 psig @ 4405.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.06

End Date:

2014.12.06

Last Calib.:

2014.12.06

Start Time: 04:46:05

End Time:

15:08:00

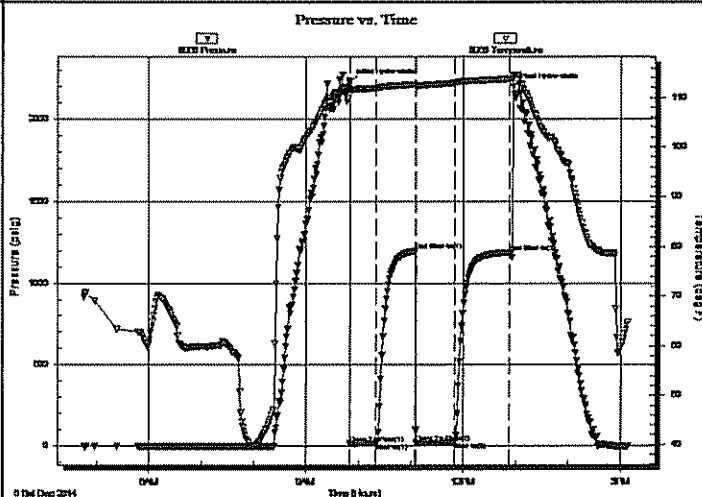
Time On Btm:

2014.12.06 @ 09:49:45

Time Off Btm:

2014.12.06 @ 12:57:00

TEST COMMENT: IF: Weak surface blow -Bullt to 1/2" blow  
IS: No return  
FF: No blow  
FSI: No return



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2226.02         | 112.07       | Initial Hydro-static |
| 1           | 12.90           | 110.43       | Open To Flow (1)     |
| 31          | 16.85           | 111.87       | Shut-In(1)           |
| 76          | 1196.22         | 112.67       | End Shut-In(1)       |
| 76          | 17.86           | 112.14       | Open To Flow (2)     |
| 121         | 21.45           | 112.93       | Shut-In(2)           |
| 183         | 1188.38         | 113.77       | End Shut-In(2)       |
| 188         | 2197.89         | 114.42       | Final Hydro-static   |

### Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 10.00       | Mud 100m    | 0.05         |
|             |             |              |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

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



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

**Berning A #1-7**

Job Ticket: 56581

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.12.06 @ 04:46:00

### GENERAL INFORMATION:

Formation: Lkc 'L'

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 09:50:00

Time Test Ended: 15:08:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Cornelio Landa III

Unit No: 44

Interval: 4404.00 ft (KB) To 4438.00 ft (KB) (TVD)

Reference Elevations: 3230.00 ft (KB)

Total Depth: 4438.00 ft (KB) (TVD)

3215.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 15.00 ft

Serial #: 8969

Inside

Press@RunDepth: psig @ 4405.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.06

End Date: 2014.12.06

Last Calib.: 2014.12.06

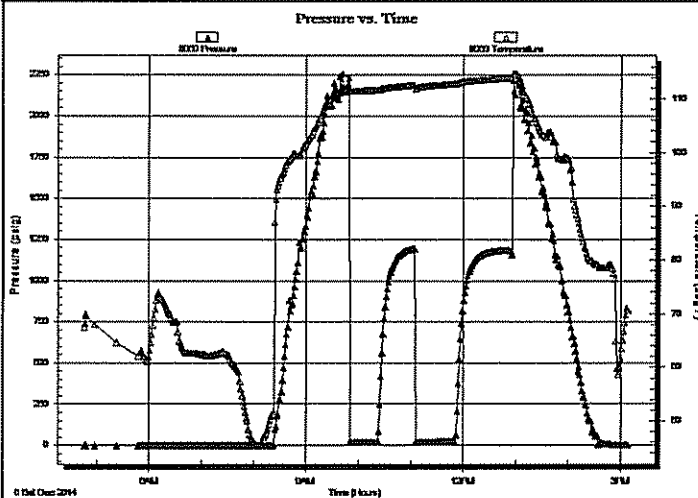
Start Time: 04:46:05

End Time: 15:08:00

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: Weak surface blow -Built to 1/2" blow  
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) |
|-------------|-------------|--------------|
| 10.00       | Mud 100m    | 0.05         |
|             |             |              |
|             |             |              |
|             |             |              |

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil & Gas Company

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

**Berning A #1-7**

Job Ticket: 56581

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.12.06 @ 04:46:00

### 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: 55.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6300.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description | Volume<br>bbf |
|--------------|-------------|---------------|
| 10.00        | Mud 100m    | 0.049         |

Total Length: 10.00 ft

Total Volume: 0.049 bbf

Num Fluid Samples: 0

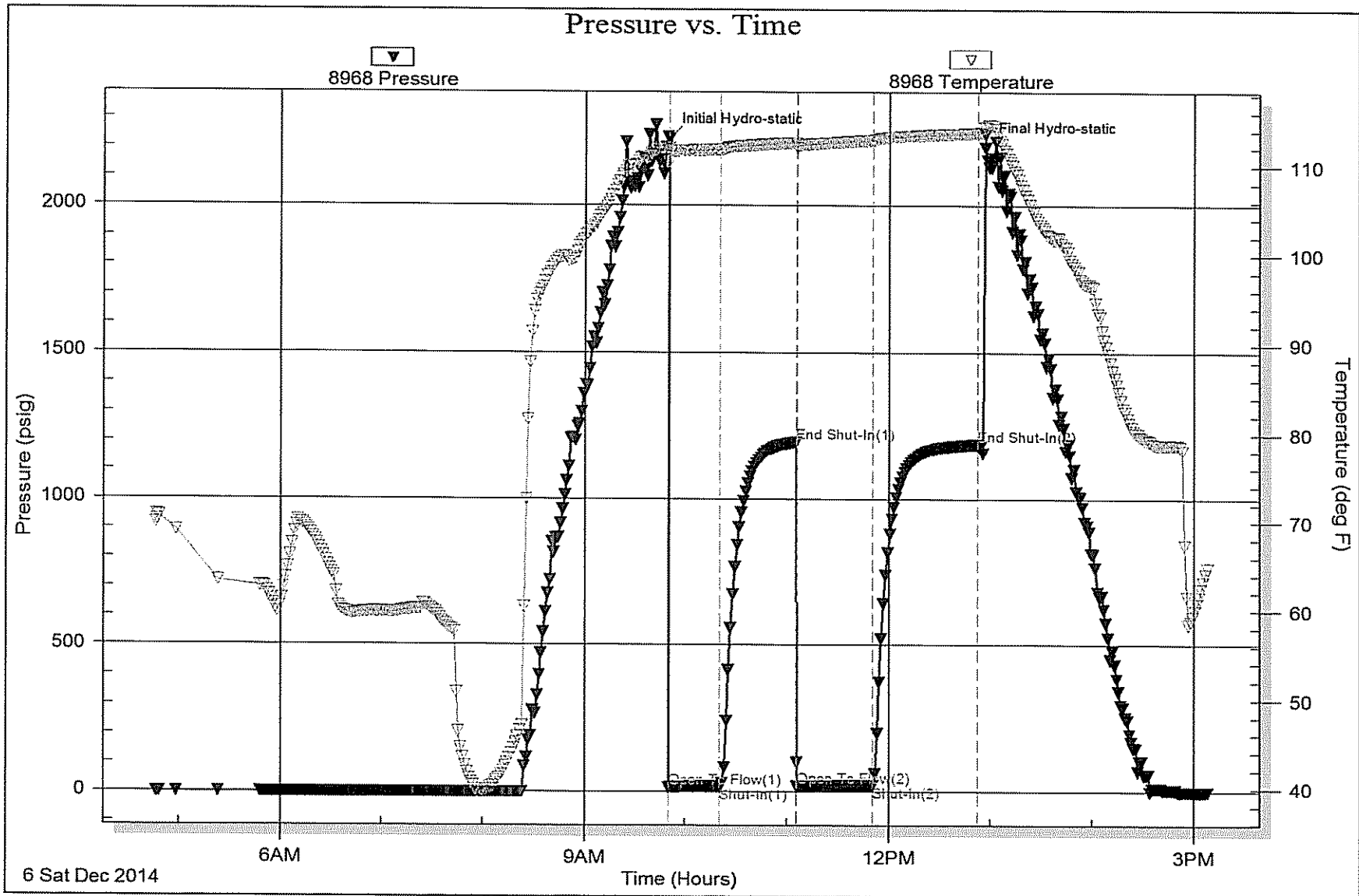
Num Gas Bombs: 0

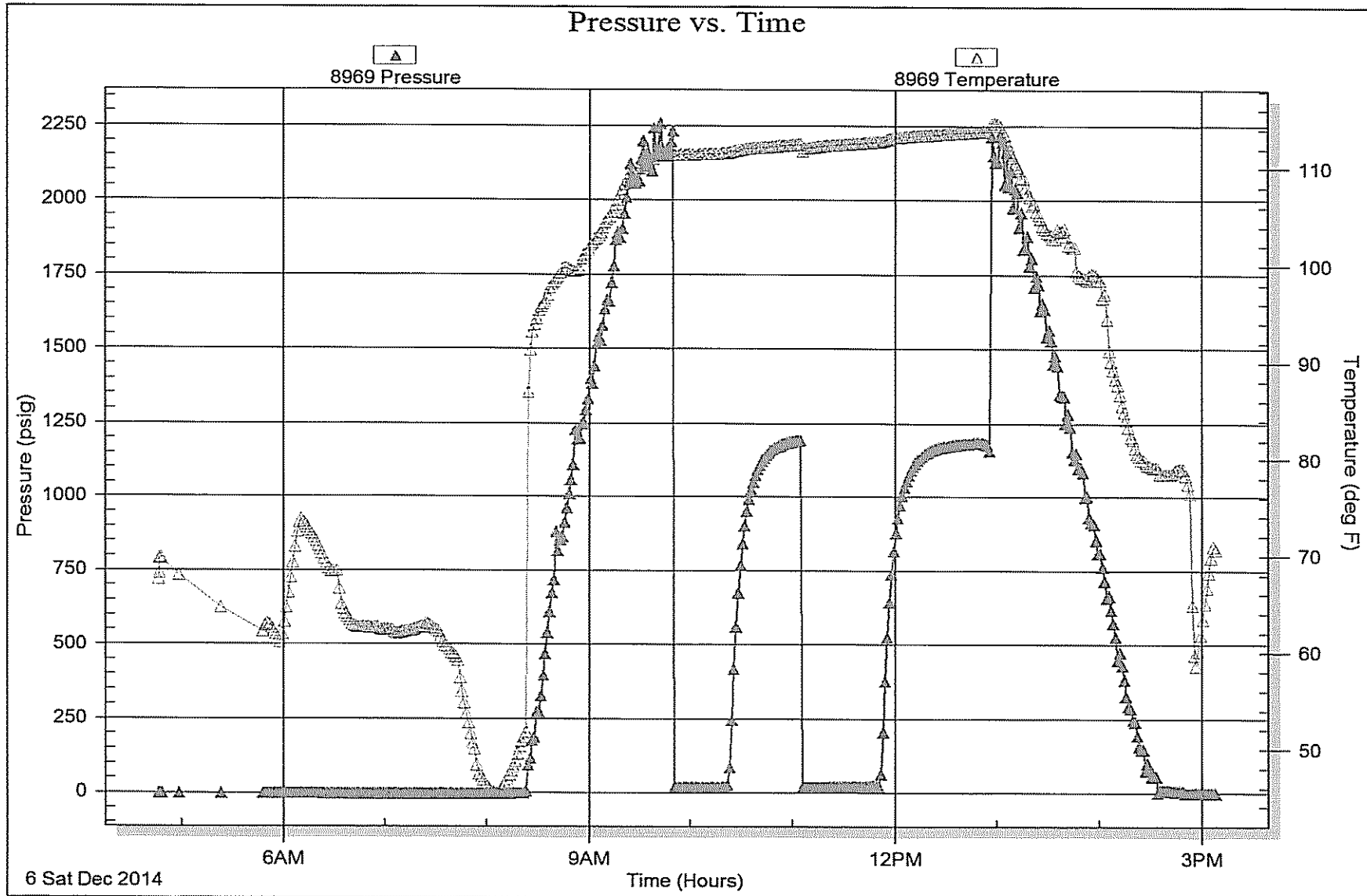
Serial #:

Laboratory Name:

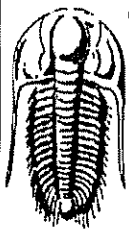
Laboratory Location:

Recovery Comments:









**TRILOBITE TESTING, INC**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

Berning A #1-7

Job Ticket: 56582

DST#: 2

ATTN: Mac Armstrong

Test Start: 2014.12.07 @ 05:21:00

### GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:53:00

Time Test Ended: 17:03:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 44

Interval: 4491.00 ft (KB) To 4575.00 ft (KB) (TVD)

Reference Elevations: 3230.00 ft (KB)

Total Depth: 4575.00 ft (KB) (TVD)

3215.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 15.00 ft

Serial #: 8968

Outside

Press@RunDepth: 472.07 psig @ 4493.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.07

End Date: 2014.12.07

Last Calib.: 2014.12.07

Start Time: 05:21:05

End Time: 17:03:00

Time On Btm: 2014.12.07 @ 08:52:45

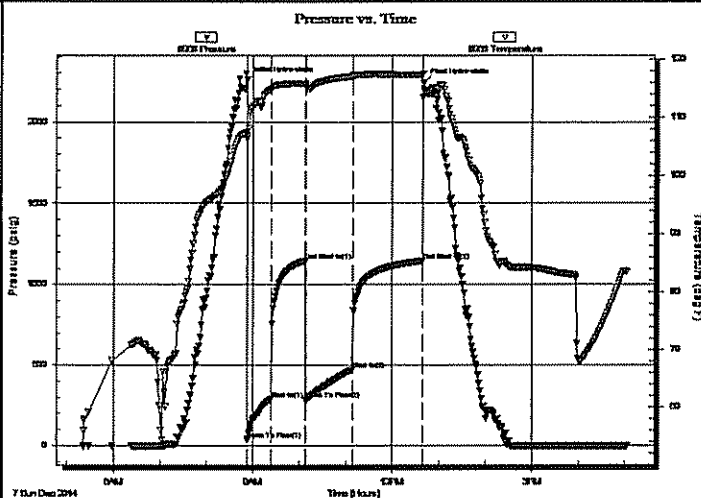
Time Off Btm: 2014.12.07 @ 12:40:15

TEST COMMENT: IF: B.o.b. in 6 min.

ISI: Bled off in 3 min.- No return

FF: B.o.b. in 8 min.

FSI: Bled off in 3 min.- Weak surface blow back-Built to B.o.b. in 30 min.



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2256.49         | 107.42       | Initial Hydro-static |
| 1           | 36.35           | 106.32       | Open To Flow (1)     |
| 31          | 289.25          | 114.70       | Shut-In(1)           |
| 75          | 1146.40         | 115.73       | End Shut-In(1)       |
| 75          | 283.99          | 115.15       | Open To Flow (2)     |
| 136         | 472.07          | 117.02       | Shut-In(2)           |
| 227         | 1145.26         | 117.24       | End Shut-In(2)       |
| 228         | 2240.00         | 115.76       | Final Hydro-static   |

### Recovery

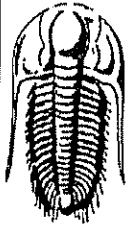
| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 275.00      | G & Mcw 10g 10m 80w | 1.35         |
| 470.00      | G & Ocm 25g 25o 50m | 6.59         |
| 381.00      | G & Ocm 30g 35o 35m | 5.34         |
| 0.00        | GIP 371             | 0.00         |
| 0.00        | RW .172 @ 75=40000  | 0.00         |

\* Recovery from multiple tests

### Gas Rates

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





**TRILLOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

Berning A #1-7

Job Ticket: 56582

DST#: 2

ATTN: Mac Armstrong

Test Start: 2014.12.07 @ 05:21:00

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 10.00 lb/gal

Cushion Length:

ft

Water Salinity:

40000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.20 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6500.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

| Length<br>ft | Description         | Volume<br>bbf |
|--------------|---------------------|---------------|
| 275.00       | G & Mcw 10g 10m 80w | 1.352         |
| 470.00       | G & Ocm 25g 25o 50m | 6.593         |
| 381.00       | G & Ocm 30g 35o 35m | 5.344         |
| 0.00         | GIP 371             | 0.000         |
| 0.00         | RW .172 @ 75=40000  | 0.000         |

Total Length: 1126.00 ft

Total Volume: 13.289 bbf

Num Fluid Samples: 0

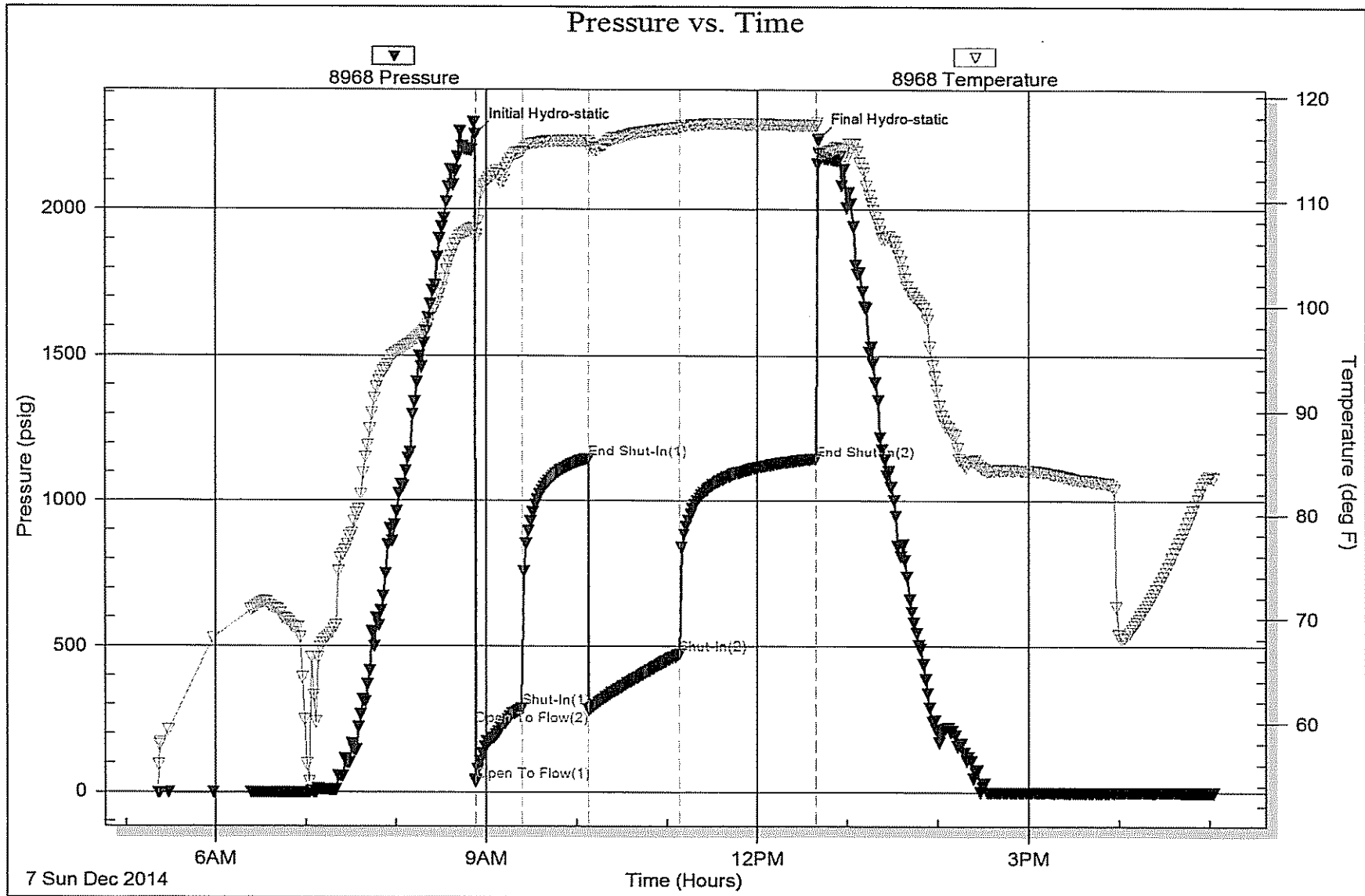
Num Gas Bombs: 0

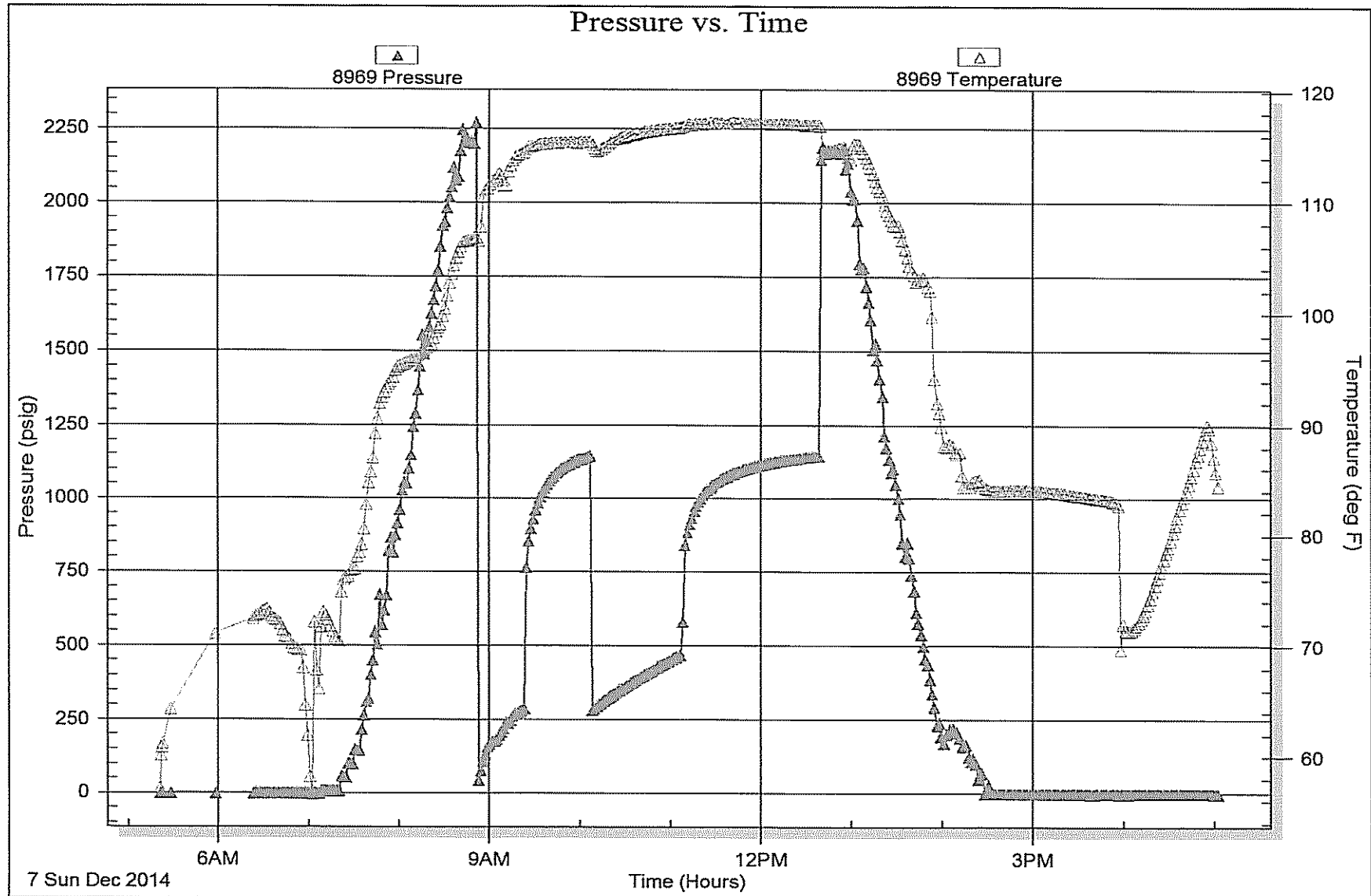
Serial #:

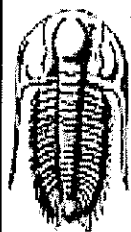
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

Berning A #1-7

Job Ticket: 56583

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.12.08 @ 07:32:00

### GENERAL INFORMATION:

Formation: **Cherokee Lime**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:37:45

Time Test Ended: 16:22:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Cornelio Landa III

Unit No: 44

Interval: 4656.00 ft (KB) To 4684.00 ft (KB) (TVD)

Reference Elevations: 3230.00 ft (KB)

Total Depth: 4684.00 ft (KB) (TVD)

3215.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 15.00 ft

Serial #: 8968

Outside

Press@RunDepth: 60.64 psig @ 4657.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.12.08

End Date:

2014.12.08

Last Calib.:

2014.12.08

Start Time: 07:32:05

End Time:

16:22:00

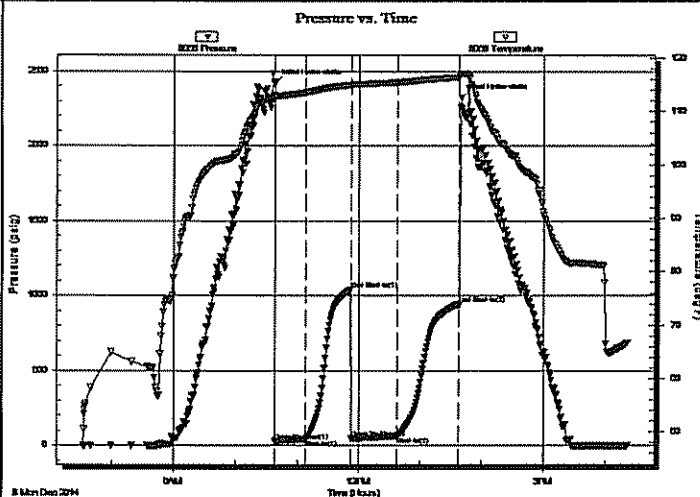
Time On Btm:

2014.12.08 @ 10:37:30

Time Off Btm:

2014.12.08 @ 13:40:15

TEST COMMENT: IF: Surface blow - Built to 6 in. blow  
IS: Bled off in 2 min. - No return  
FF: Surface blow - Built to B.o.b. in 44 min.  
FS: Bled off in 2 min. - No return



### PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation           |
|-------------|-----------------|--------------|----------------------|
| 0           | 2418.12         | 113.25       | Initial Hydro-static |
| 1           | 26.57           | 112.31       | Open To Flow (1)     |
| 31          | 39.95           | 113.56       | Shut-In(1)           |
| 75          | 1039.83         | 114.95       | End Shut-In(1)       |
| 76          | 44.02           | 114.57       | Open To Flow (2)     |
| 121         | 60.64           | 115.45       | Shut-In(2)           |
| 181         | 943.25          | 116.46       | End Shut-In(2)       |
| 183         | 2322.31         | 117.11       | Final Hydro-static   |

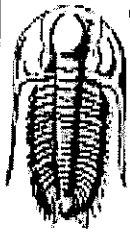
### Recovery

| Length (ft) | Description         | Volume (bbl) |
|-------------|---------------------|--------------|
| 92.00       | Ocm 45o 55m         | 0.45         |
| 92.00       | Mcg & O 10m 35g 55o | 0.45         |
| 1.00        | Co                  | 0.00         |
| 0.00        | GIP=94              | 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

7-19s-35w-Wichita Co, KS

301 S. Market St.  
Wichita, KS 67202

**Berning A #1-7**

Job Ticket: 56583

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.12.08 @ 07:32:00

### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 8.79 in\*

Resistivity: 0.00 ohm.m

Salinity: 8200.00 ppm

Filter Cake: 2.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

### Recovery Information

Recovery Table

| Length<br>ft | Description         | Volume<br>bbl |
|--------------|---------------------|---------------|
| 92.00        | Ocm 45o 55m         | 0.452         |
| 92.00        | Mcg & O 10m 35g 55o | 0.452         |
| 1.00         | Co                  | 0.005         |
| 0.00         | GIp=94              | 0.000         |

Total Length: 185.00 ft      Total Volume: 0.909 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8968

Outside: Lario Oil & Gas Company

Berning A #1-7

DST Test Number: 3

