

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

1202916

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 #                 |             |                                      | API No. 15   |                         |                       |
|-------------------------------------|-------------|--------------------------------------|--|-------------------------|-----------------------|
| Name:                               |             |                                      | Spot Description:                                      |                         |                       |
| Address 1:                          |             |                                      |  |                         |                       |
| Address 2:                          |             |                                      | F  | eet from North /        | South Line of Section |
| City: S                             | tate: Zip   | D:+                                  | F  | eet from East /         | West Line of Section  |
| Contact Person:                     |             |                                      | Footages Calculated from                               | Nearest Outside Section | Corner:               |
| Phone: ()                           |             |                                      | □ NE □ NV  | W □SE □SW               |                       |
| CONTRACTOR: License #               |             |                                      | GPS Location: Lat:                                     | . Long:                 |                       |
| Name:                               |             |                                      |  | (e.g. xx.xxxxx)         | (e.gxxx.xxxxx)        |
| Wellsite Geologist:                 |             |                                      | Datum: NAD27   | NAD83 WGS84             |                       |
| Purchaser:                          |             |                                      | County:  |                         |                       |
| Designate Type of Completion:       |             |                                      | Lease Name:  | V                       | Vell #:               |
|                                     | -Entry      | Workover                             | Field Name:  |                         |                       |
|                                     | _           |                                      | Producing Formation:                                   |                         |                       |
| ☐ Oil ☐ WSW                         | SWD         | SIOW                                 | Elevation: Ground:                                     | Kelly Bushinç           | y:                    |
| ☐ Gas ☐ D&A                         | ☐ ENHR      | ☐ SIGW                               | Total Vertical Depth:                                  | Plug Back Total         | Depth:                |
| CM (Coal Bed Methane)               | GSW         | Temp. Abd.                           | Amount of Surface Pipe Se                              | et and Cemented at:     | Feet                  |
| Cathodic Other (Core, Expl., etc.): |             |                                      | Multiple Stage Cementing                               |                         |                       |
| If Workover/Re-entry: Old Well In   |             |                                      | If yes, show depth set:                                |                         |                       |
| Operator:                           |             |                                      | If Alternate II completion, o                          |                         |                       |
| Well Name:                          |             |                                      | feet depth to:   |                         |                       |
| Original Comp. Date:                |             |                                      | loot doparto.  | w                       |                       |
| Deepening Re-perf.                  | _           | IHR Conv. to SWD                     | B  |                         |                       |
| Plug Back                           | Conv. to GS |                                      | Drilling Fluid Manageme (Data must be collected from t |                         |                       |
|                                     |             |                                      | Chlorida contenti                                      | nam Fluid valum         | o. bblo               |
| Commingled                          | Permit #:   |                                      | Chloride content:                                      |                         |                       |
| Dual Completion                     | Permit #:   |                                      | Dewatering method used:                                |                         |                       |
| SWD                                 | Permit #:   |                                      | Location of fluid disposal if                          | f hauled offsite:       |                       |
| ENHR Permit #:                      |             |                                      | Operator Name:   |                         |                       |
| ☐ GSW                               | Permit #:   |                                      | Lease Name:  |                         |                       |
|                                     |             |                                      | Quarter Sec  |                         |                       |
| Spud Date or Date Recompletion Date | ached TD    | Completion Date or Recompletion Date | County:  |                         |                       |

#### **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 III Approved by: Date: |  |  |  |  |

|   | erator Name:  |   | Lease Name: Well #: |                                       |                     |               |                           |  |
|---|---|---|---------------------|---------------------------------------|---------------------|---------------|---------------------------|--|
| open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recover 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 files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).  Drill Stem Tests Taken | TwpS. R   | _   | County:             |                                       |                     |               |                           |  |
| files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).  Drill Stem Tests Taken  | 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. |   |                     |                                       |                     |               |                           |  |
| (Attach Additional Sheets)  Samples Sent to Geological Survey   |   |   |                     | gs must be ema                        | iled to kcc-well-lo | gs@kcc.ks.go  | v. Digital electronic log |  |
| Samples Sent to Geological Survey  Cores Taken  Electric Log Run  Yes  No  Yes  No  Yes  No   |   | Yes No  |                     |                                       | on (Top), Depth an  |               |                           |  |
| Electric Log Run Yes No   | nples Sent to Geological Survey   | Yes No  | Name                | Э                                     |                     | Тор           | Datum                     |  |
| List All E. Logs Run:   |   |   |                     |                                       |                     |               |                           |  |
|   | All E. Logs Run:  |   |                     |                                       |                     |               |                           |  |
| CASING RECORD New Used  Report all strings set-conductor, surface, intermediate, production, etc.   |   |   |                     |                                       | on etc              |               |                           |  |
| Size Hele Size Casing Weight Setting Tune of # Seeks Time and Person  | Size Hole   | · -   |                     | · · · · · · · · · · · · · · · · · · · |                     | # Sacks       | Type and Percent          |  |
| Purpose of String Drilled Set (In O.D.) Lbs. / Ft. Depth Cement Used Additives  |   |   |                     |                                       |                     |               |                           |  |
|   |   |   |                     |                                       |                     |               |                           |  |
|   |   |   |                     |                                       |                     |               |                           |  |
| ADDITIONAL CEMENTING / SQUEEZE RECORD   |   | ADDITIONAL  | L CEMENTING / SQU   | EEZE RECORD                           | I                   |               |                           |  |
| Purpose:  Perforate Protect Casing Plug Back TD  Depth Top Bottom  Type of Cement # Sacks Used Type and Percent Additives  # Sacks Used Type and Percent Additives  | Perforate Top Bottom Protect Casing   | Depth Top Bottom Type of Cement # Sacks Used Type and Percent Additives |                     |                                       |                     |               |                           |  |
| Plug Off Zone   |   |   |                     |                                       |                     |               |                           |  |
| Did you perform a hydraulic fracturing treatment on this well?  Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No (If No, skip questions 2 and 3)  (If No, skip question 3)  Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?  Yes  No (If No, skip question 3)  | s the volume of the total base fluid of the   | ydraulic fracturing treatment ex  |                     | Yes                                   | No (If No, ski      | p question 3) |                           |  |
| Shots Per Foot PERFORATION RECORD - Bridge Plugs Set/Type Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used) Depth  |   |   |                     |                                       |                     |               | d<br>Depth                |  |
|   | Sop   |   |                     |                                       |                     |               |                           |  |
|   |   |   |                     |                                       |                     |               |                           |  |
| TUBING RECORD: Size: Set At: Packer At: Liner Run: Yes No   | 3ING 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)  | e of First, Resumed Production, SWD o   |   |                     | Gas Lift □ ∩                          | Other (Explain)     |               |                           |  |
| Estimated Production Per 24 Hours Oil Bbls. Gas Mcf Water Bbls. Gas-Oil Ratio Gravity   | =   |   |                     |                                       |                     | as-Oil Ratio  | Gravity                   |  |
| DISPOSITION OF GAS: METHOD OF COMPLETION: PRODUCTION INTERVAL:  | DISPOSITION OF GAS:   |   | METHOD OF COMPLE    | TION                                  |                     | PRODI ICTIO   | ON INTERVAL:              |  |
| Vented Sold Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-4)  (If vented, Submit ACO-18.)  | Vented Sold Used on Le  |   | Perf. Dually        | Comp. Cor                             |                     | THODOGIN      | ZIVIIVI EI IVAE.          |  |

| Form      | ACO1 - Well Completion  |  |  |
|-----------|-------------------------|--|--|
| Operator  | Lario Oil & Gas Company |  |  |
| Well Name | Gaschler Trust Unit 1-1 |  |  |
| Doc ID    | 1202916                 |  |  |

## All Electric Logs Run

| DIL       |  |
|-----------|--|
| PE        |  |
| GR<br>CBL |  |
| CBL       |  |
| CCL       |  |

| Form      | ACO1 - Well Completion  |  |  |  |
|-----------|-------------------------|--|--|--|
| Operator  | ario Oil & Gas Company  |  |  |  |
| Well Name | Gaschler Trust Unit 1-1 |  |  |  |
| Doc ID    | 1202916                 |  |  |  |

## Tops

| Name          | Тор  | Datum |
|---------------|------|-------|
| Heebner       | 4005 | -780  |
| Lansing       | 4057 | -832  |
| Stark Shale   | 4351 | -1126 |
| Hushpuckney   | 4404 | -1179 |
| Base KC       | 4494 | -1279 |
| Base KC       | 4494 | -1269 |
| Marmaton      | 4530 | -1305 |
| Pawnee        | 4620 | -1395 |
| Ft. Scott     | 4647 | -1422 |
| Johnson       | 4759 | -1534 |
| Morrow        | 4856 | -1631 |
| Mississippian | 4971 | -1746 |

| Form      | ACO1 - Well Completion  |  |  |  |
|-----------|-------------------------|--|--|--|
| Operator  | ario Oil & Gas Company  |  |  |  |
| Well Name | Gaschler Trust Unit 1-1 |  |  |  |
| Doc ID    | 1202916                 |  |  |  |

## Casing

| Purpose<br>Of String | Size Hole<br>Drilled | Size<br>Casing<br>Set | Weight | Setting<br>Depth | Type Of<br>Cement | Number of<br>Sacks<br>Used | Type and Percent Additives                |
|----------------------|----------------------|-----------------------|--------|------------------|-------------------|----------------------------|---|
| surface              | 12.25                | 8.625                 | 28     | 340              | Common            | 225                        | 3% cc, 2%<br>gel                          |
| production           | 7.875                | 5.5                   | 17     | 5223             | ASCA              | 235                        | 10# salt,<br>5.5% gyp-<br>seal, 2%<br>gel |
| DV tool              | 7.875                | 5.5                   | 17     | 2456             | AMDA              | 500                        | 8% gel,<br>1/4# flo-<br>seal              |
|                      |                      |                       |        |                  |                   |                            |   |



PO Box 93999 Southlake, TX 76092

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

Bill To:

Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093

Garden City, KS 67846

# INVOICE

Invoice Number: 143078
Invoice Date: May 2, 2014

Page: 1

| Customer ID Field Ticket # Payment Terms |               |              |          |  |  |
|--|---------------|--------------|----------|--|--|
| Lario                                    | 63402         | Net 30       |          |  |  |
| Job Location                             | Camp Location | Service Date | Due Date |  |  |
| KS1-01                                   | Oakley        | May 2, 2014  | 6/1/14   |  |  |

| Quantity | ltem               | Di                       | escription   |                   | Unit Price                   | Amount   |
|----------|--------------------|--------------------------|--|-------------------|------------------------------|----------|
| 1.00     | WELLNAME           | Gaschler Trust Unit #1-1 | drilling   | AFE IS-OSY        |                              |          |
| 1        | CEMENT MATERIALS   | Class A Common           | 5-19-14  |                   | 17.90                        | 4,027.50 |
| 8.00     | CEMENT MATERIALS   | Chloride                 |  |                   | 64.00                        | 512.00   |
| 1        | CEMENT SERVICE     | Cubic Feet Charge        |  |                   | 2.48                         | 589.15   |
| 1        | CEMENT SERVICE     | Ton Mileage Charge       |  |                   | 2.60                         | 1,415.99 |
| 1        | CEMENT SERVICE     | Surface                  |  |                   | 1,512.25                     | 1,512.25 |
| 1        | CEMENT SERVICE     | Pump Truck Mileage       |  |                   | 7.70                         | 385.00   |
| 1        | CEMENT SERVICE     | Manifold Rental          |  |                   | 275.00                       | 275.00   |
| 1        | CEMENT SERVICE     | Light Vehicle Mileage    |  |                   | 4.40                         | 220.00   |
|          | EQUIPMENT SALES    | 8-5/8 Wooden Plug        |  | Λ                 | 76.25                        | 76.25    |
| 1        | CEMENT SUPERVISOR  | Alan Ryan                |  | _ /               |                              |          |
| i        | EQUIPMENT OPERATOR | Kevin Ryan               |  | WAA               | and the second second second |          |
|          |                    |                          | e ne ser englis de la companio de la |                   |                              |          |
|          |                    |                          | , Acidi L  |                   |                              |          |
|          |                    |                          | المنافذ ا  | //                |                              |          |
|          |                    |                          |  | MAY 21 //14       | - 08.J                       |          |
|          |                    |                          | HX   |                   | i ii.                        |          |
|          |                    |                          | <u> </u>   |                   |                              |          |
|          |                    |                          |  | U                 |                              |          |
|          |                    |                          | ,  | The second second |                              |          |
|          |                    |                          |  | 4 - P             |                              |          |
|          |                    |                          |  |                   | <u> </u>                     | <u> </u> |
| L        | 1                  | Subtotal                 |  |                   | 1                            | 9,013.14 |

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

\$ 2,681.07

ONLY IF PAID ON OR BEFORE
May 27, 2014

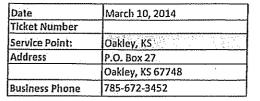
| <br>Subtotal           | 9,013.14 |
|------------------------|----------|
| Sales Tax              | 376.18   |
| Total Invoice Amount   | 9,389.32 |
| Payment/Credit Applied |          |
| TOTAL                  | 9,389.32 |

# ALLIED OIL & GAS SERVICES, LLC 063402

Federal Tax I.D. # 20-8651475

| SOUTHLAKE, TEXAS 76092   |  |  | ICE POINT:   | //                                   |
|--|--|--|--|--------------------------------------|
| DATE 5/2/14 SEC: TWP. 19 RANGE 36 C  | CALLED OUT   | ONLOCATION   | 350  | 198 FINISH                           |
| LEASE COUNTRY IN 1-1 LOCATION Marich   | ttal Bol 20  | 1-11/10  | COUNTY TO  | STATE                                |
|  | 11.W 572   | Control of the Contro | 1-10-019   | <u> </u>                             |
| The state of the s | 11.00 5/2  |  | j  |                                      |
| CONTRACTOR Val   | OWNER  | Same   |  |                                      |
| TYPE OF JOB Surface  |  | _  | •  |                                      |
| HOLE SIZE July T.D. 340 / CASING SIZE QUAR DEPTH 300   | CEMENT   | 2 7 m  | 4 2A-  |                                      |
| CASING SIZE GIG DEPTH 34(1) TUBING SIZE DEPTH  | AMOUNT OK  | DERED <u>225</u>   | 2- > 70  | <u> </u>                             |
| DRILL PIPE DEPTH   |  |  |  |                                      |
| TOOL DEPTH   |  | ······································   |  | 02                                   |
| PRES. MAX MINIMUM  | COMMONC  | 225  | @ 12 <u>30</u>   | 402750                               |
| MEAS, LINE SHOE JOINT  | POZMIX   | ······································   | _@ <u>'</u>  |                                      |
| CEMENT LEFT IN CSG. /5"  | GEL  |  | ·@   | 45                                   |
| DISPLACEMENT 10.70 AM, LL O  | CHLORIDE 1   | ō  | @69CT  | 5/2-                                 |
|  | ASC  |  |  | ***                                  |
| EQUIPMENT  | Malain   | al Intal   | ,@   | 0.539.50                             |
| PLIMPTRUCK CEMENTER Ha RUGO  |  |  | @<br>  | -7-21-2-7-3-V                        |
| PUMPTRUCK CEMENTER Han RYAN HUNDER HELPER HANN RIGHT   | 11,36  | 1.83/50%   | /e   |                                      |
| BULK TRUCK   | · · · · · · · · · · · · · · · · · · ·  |  | .@   |                                      |
| 38h- DRIVER SLOTT (TWS)  |  | <del></del>  | . <u>@</u>   |                                      |
| BULK TRUCK   |  |  | .@   |                                      |
| # DRIVER   | HANDLING_  | 32. Sb CF  | 62 <u>12</u>   | 500 10                               |
|  | MILEAGE 2  | For forste   | . С и  | 1415                                 |
| REMARKS:   | •  |  |  |                                      |
| Andry Circulate, my Covert Disfface Court  | <del>₹</del>   |  |  | ****                                 |
|  |  | SERVIC   | Œ  |                                      |
|  |  |  |  |                                      |
| That or  |  | S/67   |  |                                      |
| Zhat iv  | DEPTH OF JOE   |  |  |                                      |
| That in acceptant  | PUMPTRUCK  | CHARGE   | 15.10  | 3 35                                 |
| Cement Aid Cornlects   | PUMP TRUCK<br>EXTRA FOOTA  | CHARGE   |  | 2 35                                 |
| Taskin   | PUMPTRUCK<br>EXTRA FOOTA<br>MILEAGE  | CHARGE   | @ <u>720</u>   | 225                                  |
| Covert Did Grunett   | PUMP TRUCK<br>EXTRA FOOTA  | CHARGE   |  | 1855<br>275 Es<br>220 Es             |
| Alm pricing 9007   | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD   | CHARGE<br>AGE  | @ <u></u>  | 235<br>275<br>200<br>200             |
| Taskin   | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHOCAGE  | CHARGE   | @<br>@<br>@  | 385<br>235<br>230<br>230             |
| CHARGE TO: Lec 10  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHOCAGE  | CHARGE<br>AGE<br>5O  | @<br>@<br>@  | 235<br>235<br>230<br>4/397.40        |
| CHARGE TO: Lec 10  STREET  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHOCAGE  | CHARGE   | @<br>@<br>@  | 235<br>230<br>240<br>4,397.40        |
| CHARGE TO: Lec 10  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CTAVAGE  | CHARGE   | (e) <u>) Jo</u><br>(e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f              | 235<br>275<br>220<br>240<br>4,397.40 |
| CHARGE TO: Lec 10  STREET  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CTAVAGE  | CHARGE   | (e) <u>) Jo</u><br>(e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f              | 235<br>225<br>220<br>4/397.40<br>T   |
| CHARGE TO: Lec 10  STREET  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CTAVAGE  | CHARGE   | (e) <u>) Jo</u><br>(e) (e) (e) (f) (f) (f) (f) (f) (f) (f) (f) (f) (f              | ····                                 |
| CHARGE TO: Lec 10  STREET  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHACAGA  | CHARGE   | ee   | 76 25                                |
| CHARGE TO: Lec 10  STREET STATE ZIP  To: Allied Oil & Gas Services, LLC.   | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHACAGA  | CHARGE   | O DO   | 76 25                                |
| CHARGE TO: Lec 10  STREET STATE ZIP  To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHACAGA  | CHARGE   | EQUIPMEN  EQUIPMEN  EQUIPMEN   | 76 25                                |
| CHARGE TO: Lec 10  STREET STATE ZIP  To: Allied Oil & Gas Services, LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHACAGA  | CHARGE   | O DO   | 76 25                                |
| CHARGE TO: Lec 10  STREET STATE ZIP  To: Allied Oil & Gas Services, 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   | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHACAGA  | CHARGE   | e  | 76 25                                |
| CHARGE TO: Lec 10  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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  | PUMP TRUCK<br>EXTRA FOOTA<br>MILEAGE<br>MANIFOLD<br>CHACAGA  | CHARGE   | e  | 76 25                                |
| CHARGE TO: Lec 10  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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"   | PUMP TRUCK EXTRA FOOTA MILEAGE   | CHARGE   | e  | 76 25                                |
| CHARGE TO: Lec 10  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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  | PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD Clavele  P  Lande P  SALES TAX (III  | CHARGE   | e  | 76 25                                |
| CHARGE TO: Lecilo  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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.  | PUMP TRUCK EXTRA FOOTA MILEAGE   | CHARGE   | e  | 76.25                                |
| CHARGE TO: Lecilo  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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.  | PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD CHARGE | CHARGE   | O DO DE PAIL  O DO DE PAIL | 76.25                                |
| CHARGE TO: Lec 10  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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"   | PUMP TRUCK EXTRA FOOTA MILEAGE MANIFOLD CHARGE | CHARGE   | O DO DE PAIL  O DO DE PAIL | 76.25                                |

## **BID SHEET**



| Manager      | Terry Heinrich                    |
|--------------|-----------------------------------|
| E-mail       | ierry Helhridi@alliedservices com |
| Mobile Phone | 785 678 9376                      |



| Company           | Lario Oil & Gas                | Prepared For:     | Jay Schwelkert  | T. A. A. A. S. W.                          | ell Data 🗼 🐍 🚉 🦲 |
|-------------------|--------------------------------|-------------------|---|--|------------------|
| Address           | 301 5 Market                   | Business Phone:   | 316-265-5611  | Open Hole                                  | 12 1/4           |
| Address           | Wichita, KS 67202              | Emall:            | jschweikert@lariooil.com  | Depth                                      | 340              |
| Well Name         | Gaschler Trust Unit            | Mobile Phone:     | ・ 対象を表現している。<br>・ 対象を表現を、<br>・ がな。<br>・ がな。 | String                                     | 01 Surface       |
| Well Number       | <b>(/1-1</b>                   | Prepared By:      | Neal Rupp   | Casing Size                                | 8 5/8            |
| Field             | SE,NE,NE,NW Sec: 1 - T195 - R3 | (Email            | neal.rupp@alliedservices.com  | MID .                                      | 8.095            |
| County            | Wichita                        | Mobile Phone:     | 316-250-7057  | Weight                                     | 24.0             |
| State             | Kansas                         | Business Phone:   | 316-260-3368  | Grade                                      | Ĵ-5 <b>5</b>     |
| City              |                                | Rlg Contractor    |   | Top (md)                                   |                  |
| API Number        |                                | Rig Name/No.      |   | Btm (md)                                   | 340              |
| Specific Job Type | 01 Surface                     | Rig Phone:        |   | Thread                                     | LTC              |
|                   |                                | Company Rep       |   | (A) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4 |                  |
|                   |                                | Rep Phone No.     | The Company of the Co  |  |                  |
|                   |                                | Mileage (one-way) | 50  |  |                  |
|                   |                                | Proposal Date     | 3/10/2014   | 1 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1   |                  |

| OPERATIONS .                        | Units  | UOM   | Cost per<br>Unit |    | Total  |          | Unit Net | Net        |
|-------------------------------------|--------|---|------------------|----|--|----------|----------|------------|
| Casing Pump Charge 0' to 500'       | 1.00   | for 6 hours                                       | \$1,512.25       | \$ | 1,512.25   | \$       | 1,058.58 | \$1,058.58 |
| Cementing Head Rental With Manifold | 1.00   | per day   | \$275.00         | \$ | 275.00   | s        | 192.50   | \$192.50   |
| Subtotal                            |        |   |                  | \$ | 1,787.25   | <u> </u> |          | \$1,251.08 |
| EQUIPMENT SALES                     |        | · <del>····································</del> |                  |    |  | <u> </u> |          | <u> </u>   |
| 8 5/8 Wooden Plug                   | 1.00   | each  | \$76.25          | \$ | 76.25  | \$       | 76.25    | \$76.25    |
| Subtotal                            |        |   |                  | \$ | 76.25  |          |          | \$75.25    |
| PRODUCTS                            |        |   |                  | .l | <del>*************************************</del> |          |          |            |
| CLASS A COMMON                      | 225.00 | , per sack  | \$17.90          | \$ | 4,027.50   | \$       | 12.53    | \$2,819.25 |
| Calcium Chloride                    | 8.00   | persack   | \$64.00          | \$ | 512.00   | \$       | 44.80    | \$358.40   |
| Subtotal                            | :      |   |                  | \$ | 4,539.50   |          |          | \$3,177.65 |
| TRANSPORT                           |        |   |                  |    |  |          |          |            |
| Products handling service charge    | 237.56 | per cu. Ft.                                       | \$2.48           | \$ | 589.16   | \$       | 1.74     | \$412.41   |
| Drayage for Products                | 544.61 | ∉ ton-mile :                                      | \$2.50           | \$ | 1,415,99   | \$       | 1.82     | \$991.19   |
| Light Véhicle Mileage               | 50.00  | per mile  | \$4.40           | \$ | 220.00   | \$       | 3.08     | \$154.00   |
| Heavy Vehicle Mileage               | 50.00  | per mile≦   | \$7.70           | \$ | 385.00   | \$       | 5.39     | \$269.50   |
| Subtotal                            |        |   |                  | \$ | 2,610.15   |          |          | \$1,827.11 |
| Totals:                             |        |   |                  | \$ | 9,013.15   |          |          | \$6,332.08 |
| DISCOUNT: Operations                |        |   | 30.0%            |    | (536.18)   |          |          |            |
| DISCOUNT: Equipment Sales           |        | 1.  | 0.0%             |    | 0.00   |          |          |            |
| DISCOUNT: Products                  |        |   | 30.0%            |    | (1,361.85)                                       |          |          |            |
| DISCOUNT: Transport                 |        |   | 30.0%            |    | (783.05)   |          |          |            |
| DISCOUNT: ADDITIONAL ITEMS          |        |   | 30.0%            |    | 0.00   |          |          |            |
|                                     |        |   | Total            |    | (2,681.07)                                       |          |          |            |



PO Box 93999 Southlake, TX 76092

Voice:

(817) 546-7282

Fax:

(817) 246-3361

## Bill To:

Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093

Garden City, KS 67846

# INVOICE

Invoice Number: 143281

Invoice Date: May 14, 2014

Page:

1

| Customer ID  | Field Ticket# | Paymen       | t Terms  |
|--------------|---------------|--------------|----------|
| Lario        | 63492         | Net 30       | Days     |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02       | Oakley        | May 14, 2014 | 6/13/14  |

| Quantity | Item             | Description                                | Unit Price | Amount    |
|----------|------------------|--|------------|-----------|
| 1.00     | WELL NAME        | Gaschler Trust Unit #1-1 Dr.// ing         |            |           |
| 235.00   | CEMENT MATERIALS | ASC AFE-14-054                             | 20.90      | 4,911.50  |
| 545.00   | CEMENT MATERIALS | ASC AFE-14-054  Light Weight CK 5/29/14    | 15.95      | 8,692.75  |
| 136.00   | CEMENT MATERIALS | Flo Seal                                   | 2.97       | 403.92    |
| 67.00    | CEMENT MATERIALS | FI-160                                     | 18.90      | 1,266.30  |
| 36.00    | CEMENT MATERIALS | Powdered Defoamer                          | 9.80       | 352.80    |
| 1,175.00 | CEMENT MATERIALS | Gilsonite                                  | 0.98       | 1,151.50  |
| 12.00    | CEMENT MATERIALS | Super Flush                                | 58.70      | 704.40    |
| 920.46   | CEMENT SERVICE   | Cubic Feet Charge /                        | 2.48       | 2,282.74  |
| 1,928.00 | CEMENT SERVICE   | Ton Mileage Charge                         | 2.60       | 5,012.80  |
| 1.00     | CEMENT SERVICE   | Production Bottom Stage                    | 3,099.25   | 3,099.25  |
| 1.00     | CEMENT SERVICE   | Production Top Stage                       | 2,406.25   | 2,406.25  |
| 50.00    | CEMENT SERVICE   | Pump Truck Mileage                         | 7.70       | 385.00    |
| 1.00     | CEMENT SERVICE   | Manifold Head Rental                       | 275.00     | 275.00    |
| 50.00    | CEMENT SERVICE   | Light Vehicle Mileage MAY 2 \$\infty\$ 114 | 4.40       | 220.00    |
| 5.00     | CEMENT SERVICE   | Waiting on Location                        | 440.00     | 2,200.00  |
| 1.00     | EQUIPMENT SALES  | 5-1/2 D V Tool                             | 5,335.00   | 5,335.00  |
| 1.00     | EQUIPMENT SALES  | 5-1/2 AFU Float Shoe                       | 545.00     | 545.00    |
| 1.00     | EQUIPMENT SALES  | 5-1/2 Latch Down Flex Assembly             | 660.00     | 660.00    |
| 1.00     | EQUIPMENT SALES  | 5-1/2 Basket                               | 395.00     | 395.00    |
| 15.00    | EQUIPMENT SALES  | 5-1/2 Centralizer                          | 57.00      | 855.00    |
|          |                  |  |            |           |
|          |                  | - Subtotal                                 |            | Continued |

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

12,190.46

ONLY IF PAID ON OR BEFORE Jun 8, 2014

| Subtotal               | Continued |
|------------------------|-----------|
| Sales Tax              | Continued |
| Total Invoice Amount   | Continued |
| Payment/Credit Applied |           |
| TOTAL                  | Continued |



PO Box 93999 Southlake, TX 76092

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

Bill To:

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

Invoice Number: 143281
Invoice Date: May 14, 2014

Page: 2

| Customer ID  | Field Ticket# | Paymen       | t Terms  |
|--------------|---------------|--------------|----------|
| Lario        | 63492         | Net 30       | Days     |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02       | Oakley        | May 14, 2014 | 6/13/14  |

| Quantity                                | Item                                   | Description  | Unit Price | Amount      |
|---|--|--------------|------------|-------------|
|   | PMENT OPERATOR P                       |              |            |             |
| 1.00 EQUI                               | PMENT OPERATOR T                       | Tyler Flipse |            |             |
| 1.00 OPER                               | RATOR ASSISTANT A                      | Adam Flipse  |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
| *************************************** |  |              |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   | ************************************** |              |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   |  | Spiriture of |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   |  | MAY 7 9 2014 |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   |  |              |            |             |
|   |  |              |            | 44 45 4 0 4 |

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

12,190.46

ONLY IF PAID ON OR BEFORE
Jun 8, 2014

| Subtotal               | 41,154.21 |
|------------------------|-----------|
| Sales Tax              | 2,059.76  |
| Total Invoice Amount   | 43,213.97 |
| Payment/Credit Applied |           |
| TOTAL                  | 43,213.97 |

# ALLIED OIL & GAS SERVICES, LLC 063492 Federal Tax 1.D. # 20-8651475

| REMIT TO P.O. BOX 93999   | SERVICE POINT:  |
|---|---|
| SOUTHLAKE, TEXAS 76092  | Carley VS   |
| DATE 5-14-14 SEC. TWP. RANGE  | CALLED OUT ON LOCATION FLOB START JOB FINISH 2:00 for 1:00g,m 2:00g,m   |
| C : 1705  | V : COUNTY STATE  |
| OLD OD SERBOLL  |   |
| OLD OR NEW (Circle one)   W Sir   | 140   |
| CONTRACTOR Val  | OWNER SUNC  |
| TYPE OF JOB Production (2 < Luce)   |   |
| HOLE SIZE 77/8 T.D. 5348'   | CEMENT Bottom - 235 ELS ASC. AMOUNT ORDERED 10'10 self, 54 Gilsonite.   |
| CASING SIZE 51/2 (5.5#) DEPTH 5223.35 TUBING SIZE DEPTH   | AMOUNT ORDERED 10/0 self, 5# Gilsonite.   |
| DRILL PIPE DEPTH  | Top- 575 sks Lite, 14 & Flo-scal  |
| TOOL DV TOOL DEPTH 2457   | 500 get Superflush  |
| PRES. MAX MINIMUM   | . COMMON@   |
| MEAS. LINE SHOE JOINT 34.02   | POZMIX@   |
| PERFS.  | GEL @   |
| DISPLACEMENT BORN LOBBLE 13,5 Blinua  | CHLORIDE @ 49/1.50  |
| Top SE, 48 bil EQUIPMENT  | Lik 545 sks @ 15.75 \$692.73  |
| white   | Flo-scal 136 # @ 2.97 403.82  |
| PUMPTRUCK CEMENTER Pal Beaver   | FL-160 67#@ 18.90 1266.30   |
| # 423/28/ HELPER FILEY FILES  | Pauxbred Deformer 36 # @ 9.80 352.80  |
| BULK TRUCK  | Gilsonite 1175# @ . 98 1157,500<br>beten (separation) 12661 @ 58.70 704.40  |
| #891/310 DRIVER Juan (TWS)  | 150 17 (473.1)  |
| BULK TRUCK<br>#566/595 DRIVER Adam Flipse   | <u> 1 つい コペル マベイ ろぐしょり</u> (e)  |
| Enrique (Tws)   | HANDLING 430.46++3 @ 2.48 2282.74   |
|   | MILEAGE 38.56 tras & 50mix 2.60 5012.80   |
| Balam Stage REMARKS:  | Parties   |
|   |   |
| Run Pipe / Floot egip . Disp fall , Bell work-Hacon stone   |   |
| circ 1.5 hrs, m/x with the my 235cks ASC.   | SERVICE   |
| Gir 1.5 hrs, mix with it, my 235 to ASC. Below about the start and mid about his land   | SERVICE   |
| Circ 1.5 hrs, mix wife it, my 235 sts iss. Belong play depties in wife and mud, play did land @1500 = w/1000 = inth pressure. Plast did hald will 3 hrs Top stage - mix 30 sts in R.H., my 154  | DEPTH OF JOB 5133 2457 ' SPUMP TRUCK CHARGE 3099, 25 2406, 25   |
| Circ 1.5 hrs, mix wife it, my 235 sks its. Belong play depties and worker and much play did land @1500 = w/1000 = itt pressure. Plast did hald Wic 3 hrs Top stage - mix 30 sks in R.H. mix 15% In M.H. Mix 500 sks Lite. Religious chin Disdess  | SERVICE  DEPTH OF JOB 523 2457  SPUMP TRUCK CHARGE 3099, 25 2406.25 EXTRA FOOTAGE @   |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Below plug, deptus wel welve and much, plug did land @1500 = w/1000 = itt pressure. Plast did hald  Git 3 hrs Top stage - mix 30 sts in R.H. mix 154 in m.H. mix 500 sts Lite, Release plug, Displaces wil water plug did land @ = w/ = Htt   | SERVICE  DEPTH OF JOB 523 2457   PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385,00  |
| Circ 1.5 hrs, mix wife it, my 235 sks its. Belong play depties and worker and much play did land @1500 = w/1000 = itt pressure. Plast did hald Wic 3 hrs Top stage - mix 30 sks in R.H. mix 15% In M.H. Mix 500 sks Lite. Religious chin Disdess  | SERVICE  DEPTH OF JOB 523 2457  PUMP TRUCK CHARGE 399, 25 2406.25  EXTRA FOOTAGE @  MILEAGE MILE SO @ 7.70 385,00  MANIFOLD 124 @ 275.00  |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Below plug, deptus wel welve and much, plug did land @1500 = w/1000 = itt pressure. Plast did hald  Git 3 hrs Top stage - mix 30 sts in R.H. mix 154 in m.H. mix 500 sts Lite, Release plug, Displaces wil water plug did land @ = w/ = Htt   | SERVICE  DEPTH OF JOB 523 2457  PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MANIFOLD 14.2d @ 275.00  MILE SD @ 4.40 220.00   |
| circ 1.5 hrs, mix wife it, my 235 sts its.  Below plug, depths in lasty and much, plug did land @1500 = w/1000 = iith pressure. Plast did hold  GIT 3 hrs Top stage - mix 30 sts in R.H. mix 154 in m.H. mix 500 sts Lite, Relieves plug, Displace wil water plug did land @ = w/ = HH  cament did rin whate, 1 bbl to pit  | SERVICE  DEPTH OF JOB 5233 2457   PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MILY 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  MILY 50 @ 4.40 220.00  Aleiting Like 5hrs @440.00 2290.00  |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Below plug, depthe wil under ani mud, plug did land @1500 = wil 1000 = ittl pressur. Plast did hold wite 3 hrs Top stage - mix 30 sts in R.H. mix 154 in m.H. mix 500 sts Lite, Release plug, Displace wil water plug did land @ = wil 2 Htt cament did ria whate   bbl to pit  CHARGE TO: Lario ()   Cas   | DEPTH OF JOB 5123 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MANIFOLD Had @ 275.00  MANIFOLD HAD 220.00  MANIFOLD HAD 220.00  MANIFOLD HAD 220.00  |
| Circ 1.5 hrs, mix wife it, my 235 sts ASC.  Belong play displace well under and much play did land  @1500 = willood = lift pressure. Plast did held  Git 3 hrs Top stage - mix 30 sts in R.H. mix 15%  In in H. true 500 sts Lite, Represe play Displace  will water play did land @ = will the fift  Coment did rive whate; I shi to pit  CHARGE TO: Lario Oil + Gas  STREET   | DEPTH OF JOB 5123 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MANIFOLD Had @ 275.00  MANIFOLD HAD 220.00  MANIFOLD HAD 220.00  MANIFOLD HAD 220.00  |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Below plug, depthe wil under ani mud, plug did land @1500 = wil 1000 = ittl pressur. Plast did hold wite 3 hrs Top stage - mix 30 sts in R.H. mix 154 in m.H. mix 500 sts Lite, Release plug, Displace wil water plug did land @ = wil 2 Htt cament did ria whate   bbl to pit  CHARGE TO: Lario ()   Cas   | DEPTH OF JOB 5233 2457 2457 25 PUMP TRUCK CHARGE 3099, 25 2406.25 EXTRA FOOTAGE @ 7.70 385.00 MANIFOLD Had @ 275.00 MANIFOLD Had @ 275.00 Algiting the 5hrs @440.00 2300.00 (As per company man circless) TOTAL   |
| Circ 1.5 hrs, mix wife it, my 235 sts ASC.  Belong play displace well under and much play did land  @1500 = willood = lift pressure. Plast did held  Git 3 hrs Top stage - mix 30 sts in R.H. mix 15%  In in H. true 500 sts Lite, Represe play Displace  will water play did land @ = will the fift  Coment did rive whate; I shi to pit  CHARGE TO: Lario Oil + Gas  STREET   | DEPTH OF JOB 5233 2457  BY PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Head @ 275.00  MILEAGE MIH. 50 @ 4.40 220.00  MILEAGE MIH. 50 @ 4.40 220.00  Aleiting fine 5hrs @440.00 220.00  (As per company man crockers) TOTAL  (4764.31 303) 15, 220.04   |
| Circ 1.5 hrs, mix wife it, my 235 sts ASC.  Belong play displace well under and much play did land  @1500 = willood = lift pressure. Plast did held  Git 3 hrs Top stage - mix 30 sts in R.H. mix 15%  In in H. true 500 sts Lite, Represe play Displace  will water play did land @ = will the fift  Coment did rive whate; I shi to pit  CHARGE TO: Lario Oil + Gas  STREET   | DEPTH OF JOB 5123 2457  BY PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  MILE STATE OF COMPANY MAN @ 220.00  (As per company man corrects) TOTAL  (4764.31 306) 15, 221.04  PLUG & FLOAT EQUIPMENT  Weather Stat 5/2   |
| Circ 1.5 hrs, mix wife it, my 235 sts ASC.  Belong play displace well under and much play did land  @1500 = willood = lift pressure. Plast did held  Git 3 hrs Top stage - mix 30 sts in R.H. mix 15%  In in H. true 500 sts Lite, Represe play Displace  will water play did land @ = will the fift  Coment did rive whate; I shi to pit  CHARGE TO: Lario Oil + Gas  STREET   | DEPTH OF JOB 5123 2457  ESPURP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  MILV 50 @ 4.40 220.00  Alaiting time 5the @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Weather for 1 5/2  DV TIOOL @ 5335.00   |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Belong plug, depths wil under ani mud, plug did land  @1500 = wil 1000 = ith pressure. Plast did hold  Circ 3 hrs Top stage - mix 30 sts in R.H. mix 15%  in m.H. this 500 sts Lite, Release plug, Displace  wil water plug did land @ = wil = the  Cament did circ whate   bbl to pit  CHARGE TO: Lario ()   Cas  STREET   | DEPTH OF JOB 5233 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385,00  MANIFOLD Had @ 275.00  MANIFOLD Had @ 275.00  MOITING HILL 5hrs @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Worther ford 5/2  DV TOOL @ 5335.00  AFIZ Flood show @ 545.00  |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Biless plug, depths wil usby and much, plug did land @1500 = wil 1000 = iith pressure. Plast did hald  GIT 3 hrs Top stage - mix 30 sts in R.H. mix 153 in m.H. this 500 sts Lite, Release plug, Displace wil water plug did land @ = wil = iith  Cament did rice whate, i bil to pit  CHARGE TO:   | DEPTH OF JOB 5123 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MANIFOLD Had @ 275.00  MANIFOLD Had @ 275.00  Malifing Hine 5hrs @440.00 2200.00  (As per company man carriers) TOTAL  PLUG & FLOAT EQUIPMENT  Worther for J/Z  DV TOOL @ 5335.00  AFIT Float show @ 545.00   |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Belose plug, depths wil usby and much, plug did land  @1500 = wil 1000 = iith pressure. Plast did had  GIT 3 hrs Top stage - mix 30 sts in R.H. mix 153  in m.H. this 500 sts Lite, Relieve plug, Displace  wil water plug did land @ = wil iith  Cament did rin wlate, i bbl to pit  CHARGE TO:  | DEPTH OF JOB 5233 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385,00  MANIFOLD Had @ 275.00  MANIFOLD Had @ 275.00  MOITING HILL 5hrs @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Worther ford 5/2  DV TOOL @ 5335.00  AFIZ Flood show @ 545.00  |
| Circ 1.5 hrs, mix wife it, my 235 sts its.  Biless plug, depths wil usby and much, plug did land @1500 = wil 1000 = iith pressure. Plast did hald  GIT 3 hrs Top stage - mix 30 sts in R.H. mix 153 in m.H. this 500 sts Lite, Release plug, Displace wil water plug did land @ = wil = iith  Cament did rice whate, i bil to pit  CHARGE TO:   | DEPTH OF JOB 523 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MANIFOLD Had @ 275.00  MANIFOLD Had @ 275.00  MOITING HILL 5hrs @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Weather for 1 5/2  DV TIONL @ 5335.00  Abolitus Hill Hasy @ 540.00  Bosket @ 395.00  Controlitus 15 @57.00 855.00   |
| Circ 1.5 hrs, mix wikith my 235 ste fish Rilera physical distriction and much physical land (21500 will 1000 with pressure. Plast 23 held (21500 will 1000 with pressure. Plast 23 held (21500 steps). District in in the true scoops Lite. Release physical land (2) will steps.  Comment did corrulate. I shi to pit.  Comment did corrulate. I shi to pit.  CITY STATE ZIP  To: Allied Oil & Gas Services, 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  | DEPTH OF JOB 5123 2457  EDEPTH OF JOB 5123 2457  EDEPTH OF JOB 5123 2457  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  MILEAGE MIH. 50 @ 4.40 220.00  Aloiting time 5ths @440.00 2200.00  (As per company man corders) TOTAL  (4764.31 300) 10, 221.04  PLUG & FLOAT EQUIPMENT  DV TIODL @ 5335.00  AFIJ Float show @ 545.00  Bosket @ 395.00   |
| Circ 1.5 hrs, mix wikit, mix 235 sks fisc.  Bilens play, depths of user and mod, play did land  G1500 willood with pressure. Plast did held  Gic 3 hrs top slage mix 30 sks in R.H. mix 153  in in H. this 500 sks Lite, Release play, Displace  will water plug did land @ will the pit  Cement did circ winter i bil to pit  CHARGE TO: Lario Ail to Gas  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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 | DEPTH OF JOB 5233 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE  |
| Circ 1.5 hrs, mix wikith my 235 ste fish Rilera physical distriction and much physical land (21500 will 1000 with pressure. Plast 23 held (21500 will 1000 with pressure. Plast 23 held (21500 steps). District in in the true scoops Lite. Release physical land (2) will steps.  Comment did corrulate. I shi to pit.  Comment did corrulate. I shi to pit.  CITY STATE ZIP  To: Allied Oil & Gas Services, 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  | DEPTH OF JOB 5233 2457  ES PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE  EXTRA FOOTAGE  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  MILEAGE MIH. 50 @ 4.40 220.00  Aloiting time 5hrs @440.00 2200.00  (As per company man eviders) TOTAL  PLUG & FLOAT EQUIPMENT  Worlder for 1 5/2  DV TIONL @ 5335.00  AFID Float show @ 545.00  Resert @ 395.00  Resert @ 395.00  Considered Since @ 395.00  SALES TAX (If Any)                                    |
| Circ 1.5 hrs, mix wikit, mix 235 sks fisc.  Bilens play, depths of user and mod, play did land  G1500 willood with pressure. Plast did held  Gic 3 hrs top slage mix 30 sks in R.H. mix 153  in in H. this 500 sks Lite, Release play, Displace  will water plug did land @ will the pit  Cement did circ winter i bil to pit  CHARGE TO: Lario Ail to Gas  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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 | DEPTH OF JOB 5123 2457  ESPURP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  Aloiting Line 5hrs @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Weather foird 5/2  DV TIOOL @ 5335.00  AFID Float shor @ 545.00  RED Float Shor @ 395.00  Contalizors 15 @57.00 855.00  SALES TAX (If Any)  TOTAL CHARGES 4/159.2/   |
| Circ 1.5 hrs, mix wikit, mix 235 sks fisc.  Bilens play, depths of user and mod, play did land  G1500 willood with pressure. Plast did held  Gic 3 hrs top slage mix 30 sks in R.H. mix 153  in in H. this 500 sks Lite, Release play, Displace  will water plug did land @ will the pit  Cement did circ winter i bil to pit  CHARGE TO: Lario Ail to Gas  STREET  CITY STATE ZIP  To: Allied Oil & Gas Services, 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 | DEPTH OF JOB 5123 2457  ESPURP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  Aloiting Line 5hrs @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Weather foird 5/2  DV TIOOL @ 5335.00  AFID Float shor @ 545.00  RED Float Shor @ 395.00  Contalizors 15 @57.00 855.00  SALES TAX (If Any)  TOTAL CHARGES 4/159.2/   |
| Circ 1.5 hrs, mis wife. It. mis 235 ste its.  Biless plug, depths of user and mod, plug did land @1500 willood with pressure. Plast did held Giff 3 hrs Top stage mis 30 ste in R.H. mis 153 in in H. this 500 ste Lite, Release plug, Disduce will water plug did land @ will held Cament did circ white, I bbl to pit  CHARGE TO:   | DEPTH OF JOB 5233 2457  BE PUMP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE  EXTRA FOOTAGE  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  Aloiting time 5hrs @440.00 2200.00  (As per company man eviders) TOTAL  PLUG & FLOAT EQUIPMENT  Worlder ford 5/2  DV TIONL @ 5335.00  AFD Float shor @ 545.00  Rosket @ 395.00  Rosket @ 395.00  Considered Since @ 545.00  SALES TAX (If Any)  TOTAL CHARGES 4/159.2/  DISCOUNT 2 190.46(30)35 IF PAID IN 30 DAYS |
| Circ 1.5 hrs, mis wife. my 235 ste fish.  Biless plug, deptes of user and mod, plug did land.  @1500 = wl 1000 = iith pressur. Plast did held.  Circ 3 hrs Top stage mis 30 ste in R.H. mis 153 in in the true scoots Lite. Release plug, Disduce will water plug did land.  Charge to:   | DEPTH OF JOB 5123 2457  ESPURP TRUCK CHARGE 3099, 25 2406.25  EXTRA FOOTAGE @ 7.70 385.00  MILEAGE MIH. 50 @ 7.70 385.00  MANIFOLD Had @ 275.00  Aloiting Line 5hrs @440.00 2200.00  (As per company man corders) TOTAL  PLUG & FLOAT EQUIPMENT  Weather foird 5/2  DV TIOOL @ 5335.00  AFID Float shor @ 545.00  RED Float Shor @ 395.00  Contalizors 15 @57.00 855.00  SALES TAX (If Any)  TOTAL CHARGES 4/159.2/   |

|       | AI        | II        | ED        |
|-------|-----------|-----------|-----------|
|       | OIL & GA  | S SERV    | ICES, LLC |
| Cont. | OIL C. O. | LO OLLICT |           |

Hide/Unhide Rows

| Manager      | Terry Heinrich                    |
|--------------|-----------------------------------|
| E-mail       | terry heinstehfealliedtervice ten |
| Mobile Phone | 7854673493764995541044755556      |

| Company           | Lario Oil & Gas   | Prepared For:     | llay Schweikert                 | l W         | cli Data           |
|-------------------|---|-------------------|---------------------------------|-------------|--------------------|
| Address           | 301 5 Market  | Business Phone:   | 816-265-5611                    | Open Hate   | 77/8               |
| Address           | Wichita, KS 67202   | Email:            | ischweikers@larioeit.com        | Depth       | 5,100              |
| Well Hamp         | Gaschier Trust Unit   | Mobile Phone:     |                                 | String.     | 4 Port Collar/Stag |
| Well Humber       | 21-1 0.00 STATE THE AUGUST HE   | Prepared By:      | Neal Rupp                       | Casing Size | 5 1/2              |
| Field             | SE,NE,NE,NW Sec. 1 - T195 - R3  | £Email .          | neal.resp@alliedservices.com    | מו          | 4.950              |
| County            | Withita   | Mobile Phone:     | 315-250-7057                    | Weight      | 15.5               |
| State             | Kenses  | Business Phone:   | 316-250-3363                    | Grade       | J-55               |
| Gty               | Transference in the second of | Rin Contractor    | The second of the second second | Top (md)    | 440 May 2014       |
| API Number        |   | Rir Name/No.      |                                 | 8tm (md)    | 0                  |
| Specific Job Type | 04 Fort Cellar/Stage  | Rig Phone:        |                                 | Thread      | 5,100              |
|                   |   | Company Rep       |                                 | I           |                    |
|                   |   | Rep Phone No.     |                                 | 7           |                    |
|                   |   | Mileage (one-way) | 50                              | ]           |                    |
|                   |   | Proposal Date     | 3/10/2014                       | ]           |                    |

BID SHEET

|  |         | i                                       | Cost per                               |              | r                                       | Γ                                      | i             |            |             |        |
|--|---------|---|--|--------------|---|--|---------------|------------|-------------|--------|
| OPERATIONS .   | Units   | вом                                     | Unit                                   | fctaT        | Unit Not                                | Nes                                    | Cost per Unit | Cost Total | S GP        | #4 GP  |
| Caulan Pump Charge 5001' to 6000'  | 1.00    | for 5 hours                             | 53,009.25                              | \$ 3,099.25  | \$ 2,169.43                             | 52,169.42                              | · ·           |            |             | I      |
| Starre Job - Additional Stages   | 3.00    | min. 4 hr                               | \$2,40G.25                             | 5 2,406.25   | 5 1,554,38                              | 51,694,35                              | ĺ             |            |             |        |
| Composing Head Sental with Manifeld  | 1.00    | Gereav                                  | 5275.00                                | 5 275.00     | 5 192.50                                | 5152.50                                | !             |            |             |        |
| Subjetal 5   |         | 7.7.                                    | ······································ | 5 5,750.50   | **************************************  | \$4,046.35                             | ļ             |            |             |        |
| EQUIPMENT SALES  |         |   |  |              | *************************************** | ··                                     | 1             |            |             |        |
| S 1/2 AFU Float Short Control of the | 1.00    | each                                    | \$545.00                               | \$ 545,00    | \$ 392,40                               | 5392.40                                | \$57.19       | 557.19     | 5335.21     | 25.4%  |
| . 5 1/2 Lorch Down Plug  | 1.00    | each(blue)                              | \$325,00                               | 5 325.00     | \$ 234.00                               | 5234.00                                | \$50,63       | \$50.63    | \$183.37    | 76.4%  |
| S 1/2 Stage Collar Standard  | 1.00    | each                                    | \$5,335.00                             | \$ 5,335,00  | 5 3.841.20                              | \$3,541.20                             | 53,447,31     | \$3,447.31 | 5393.89     | 10.3%  |
| 5 2/2 Cement Basket  | 1.00    | cach                                    | \$395.00                               | 5 395,00     | S 284.40                                | \$284.40                               | \$170.00      | \$170.00   | \$114.40    | 40.2%  |
| 1-5 1/2 Centralizer - 11 11 11 11 11 11 11 11 11 11 11 11 1  | 15.00   | cach                                    | \$57.00                                | 5 912.00     | 5 41.04                                 | \$856.64                               | \$24,57       | \$393.12   | 5263.52     | 40.1%  |
| Subtotal   |         |   |  | \$ 7,512.00  |   | 55,406.64                              |               | \$4,115.75 | \$1,290,39  | 23.56% |
| PRODUCTS   |         | *************************************** |  |              |   |  |               |            | -           |        |
| Super Fluth 1981 1981 Control of the Paragraph of the Professional   | 12.00   | per bbl                                 | SSE.70                                 | 5 704,40     | 5 41.09                                 | \$453.08                               | \$46.06       | \$552.72   | -\$59.64    | -22.1% |
| ALLIED SPECIAL BLEND CEMENT - CLASS A  | 250.00  | per sack                                | \$20.90                                | \$ 5,225,50  | 5 14.63                                 | \$3,557.50                             | 50.00         | \$0.00     | \$3,657,50  | 100.0% |
| FL-16 Fluid Loss Additive - High Temperature   | 71.53   | per pound                               | \$12,90                                | 5 1.341.90   | 5 13.23                                 | \$939.33                               | \$3.98        | \$2£2.58   | \$656,75    | 69.9%  |
| Kol Scali (1941) (1970) (1970) (1970) (1970) (1970) (1970)   | 1250.00 | per pound                               | \$0.58                                 | 5 1,225,00   | 5 0.50                                  | \$257,50                               | \$0.27        | \$275.00   | \$582,50    | 67.9%  |
| Powdered Defearner   | 35.00   | per pound                               | 59.80                                  | 5 343.00     | 5 5.26                                  | \$240.10                               | 50.87         | \$30,45    | \$209.65    | R7.5%  |
| ALLIED LIGHT WEIGHT CEMENT: TYPE 1 - CLASS A   | 399.00  | per sack                                | \$16.50                                | \$ 6.517.50  | 5 11.55                                 | 54.562.25                              | \$0.00        | 50.00      | 54,552.25   | 100.0% |
| Fig Seal (Seal Control of Control | 99.00   | perpayad                                | 52.97                                  | 5 294.03     | 5 2.03                                  | 5205.82                                | \$1.08        | \$106.93   | \$95.90     | 48.1%  |
| ALLIED LIGHT WEIGHT CEMENT! TYPE 1 - CLASS A 1818 1949   | 45.00   | persock                                 | \$16,50                                | 5 742.50     | 5 11.55                                 | 5519.75                                | 50.00         | \$0.00     | \$519.75    | 100.0% |
| Fig Seal (NATA) (1993) 88 78 700 5 VALVIS TO ESPECIAL SECTIONS (1994)  | 12.00   | per pound                               | \$2.97                                 | 5 35.64      | 5 2.03                                  | 524,95                                 | \$1.08        | 512,96     | \$11.99     | 45.1%  |
| Subtotal   |         |   |  | \$ 15,428,57 |   | \$11,500.28                            |               | 51.260.63  | \$10.239.65 | 89.04% |
| TRANSPORT  |         |   |  |              |   | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | 1             |            |             |        |
| Products handling service charge   | E14.72  | per cu. ft.                             |  | S 2.020.52   |   |  |               |            |             |        |
| Drayage for Products   | 1720.12 | ton-mile                                |  | 5 4,472.31   |   | 53.130.62                              |               |            |             |        |
| Ught Vehicle Mileage   | 50.00   | per mile                                |  | 5 220.00     |   |  |               |            |             |        |
| Heavy Vehicle Milearn  | 50.00   | per mile                                |  | \$ 385.00    | 5 5.39                                  |  |               |            |             |        |
| Subtotal   |         | 1                                       |  | 5 7,007.83   | 1                                       | 54,968.48                              |               |            |             |        |
| Yemis:   |         |   |  | \$ 36,219,30 | <u> </u>                                | 525,923.75                             | 1             |            |             |        |
| DISCOUNT: Operations   |         |   | 30.0%                                  |              |   | 1                                      | 1             |            |             |        |
| DISCOUNT: Equipment Sales  |         |   | 28.0%                                  | {2,103,36    |   | <u> </u>                               | 1             |            |             |        |
| DISCOUNT: Products   |         |   | 30.0%                                  | (4,928.69    |   |  | !             |            |             |        |
| DISCOUNT: Transport  |         | 1                                       | 30.0%                                  | (2.129.35    |   | <u> </u>                               | 1             |            |             |        |
| DISCOUNT: ADDITIONAL ITEMS   |         |   | 30,0%                                  |              |   | <u> </u>                               |               |            |             |        |
| •  |         | 4                                       | Total                                  | [10,895.55   | ıl .                                    | į .                                    | i             |            |             |        |

|                 | Gross       | Discouni    | Final       |           | Costs:     | S GP       | % GP   |
|-----------------|-------------|-------------|-------------|-----------|------------|------------|--------|
| Services Total  | \$12,578,33 | \$3,863.50  | 59,014,83   | Services  | \$4,056.67 | \$4,958.15 | 55.00% |
| Materials Total | \$23,940,97 | \$7,032.05  | \$16,908.92 | Materials | \$5,378.59 | 511,530.04 | 68.39% |
| Final Total     | \$36,819.30 | \$10,895.55 | \$25,923.75 | Total.    | \$9,435.55 | S16,465.20 | 53.60% |
| '               |             |             |             |           |            |            |        |

| ADDITIONAL ITEMS                         |                 |         |          |          |          |
|--|-----------------|---------|----------|----------|----------|
|  |                 |         |          |          |          |
| Additional hours, in excess of set hours | "1.00   cerhour | 5440.00 | 5 440.00 | 5 303.00 | \$305.00 |



Lario Oil & Gas Co.

1-19s-36w-Wichita, CO KS

301 S. Market St.

Gaschler Unit #1-1 Job Ticket: 56529

Wichita, KS 67202

DST#:1

ATTN: lan Bosmeijer

Test Start: 2014.05.08 @ 23:29:00

## GENERAL INFORMATION:

Time Tool Opened: 04:02:15

Time Test Ended: 09:29:30

Formation:

Marmaton

Deviated:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Cornelio Landa III

Tester:

75

Unit No:

Reference Elevations:

3227.00 ft (KB) 3217.00 ft (CF)

Interval: Total Depth: 4522.00 ft (KB) To 4566.00 ft (KB) (TVD) 4566.00 ft (KB) (TVD)

KB to GR/CF:

10.00 ft

Hole Diameter:

7.88 inches Hole Condition:

Serial #: 8675 Press@RunDepth: Inside

4525.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

99.73 psig @ 2014.05.08

End Date:

2014.05.09

Last Calib.:

Start Time:

23:29:15

End Time:

Time On Btm:

2014.05.09 2014.05.09 @ 04:01:45

09:29:30

Time Off Btm:

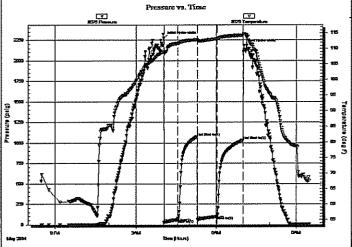
2014.05.09 @ 07:02:15

TEST COMMENT: IF: B.o.b. in 17 min.

ISt Bled off 1 1/2 min.-Weak surface Blow back-Died in 7 min.

FF: B.o.b. in 11 1/2 min.

FSI: Bled off in 1 1/2 min.- Surface blow back-Built to 1 in.-Died back to 1/2 in.



## PRESSURE SUMMARY

| 1                | Time   | Pressure | Temp    | Annotation            |
|------------------|--------|----------|---------|-----------------------|
|                  | (Min.) | (psig)   | (deg F) | / Willows             |
|                  |        | 2273.56  | ,       | laitint Lhaden statio |
|                  | 0      |          | 109.16  | Initial Hydro-static  |
|                  | 1      | 26.64    | 108.46  | Open To Flow (1)      |
|                  | 31     | 59.48    | 111.67  | Shut-in(1)            |
| _                | 75     | 1074.65  | 112.85  | End Shut-In(1)        |
| (1880) emasscher | 76     | 63.13    | 112.51  | Open To Flow (2)      |
| 782278           | 120    | 99.73    | 113.14  | Shut-In(2)            |
| (C.E.)           | 179    | 1032.93  | 114.30  | End Shut-In(2)        |
| 3                | 181    | 2178.37  | 114.73  | Final Hydro-static    |
|                  |        |          |         |                       |
|                  |        |          |         |                       |
|                  |        |          |         |                       |
|                  |        |          |         |                       |
|                  |        |          |         |                       |
|                  |        |          |         |                       |

## Recovery

| Length (ft) | Description      | Volume (bbl) |
|-------------|------------------|--------------|
| 0.00        | GIP=297          | 0.00         |
| 15.00       | Co 100o          | 0.21         |
| 189.00      | Mcgo 10m 40g 50o | 2.65         |
|             |                  |              |
|             |                  |              |
|             |                  |              |

## Gas Rates Choke (inches) Pressure (asia) Gas Rate (Mcf/d)

| <br>Choke (makes) | Pressure (psig) | Gas Rate (MCI/O) | - |
|-------------------|-----------------|------------------|---|
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |
|                   |                 |                  |   |

Trilobite Testing, Inc.

Ref. No: 56529

Printed: 2014.05.09 @ 09:52:28



FLUID SUMMARY

Lario Oil & Gas Co.

1-19s-36w-Wichita, CO KS

301 S. Market St. Wichita, KS 67202 Gaschler Unit #1-1

Job Ticket: 56529

DST#:1

ATTN: lan Bosmeijer

Test Start: 2014.05.08 @ 23:29:00

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft

Viscosity:

50.00 sec/qt

Cushion Volume:

Water Salinity: bbl

Serial #:

ppm

Water Loss: Resistivity:

Salinity:

7.95 in<sup>3</sup> 0.00 ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

5800.00 ppm Filter Cake: 1.00 inches

## **Recovery Information**

## Recovery Table

| Length<br>ft | Description      | Volume<br>bbl |
|--------------|------------------|---------------|
| 0.00         | GIP=297          | 0.000         |
| 15.00        | Co 100o          | 0.210         |
| 189.00       | Mcgo 10m 40g 50o | 2.651         |

Total Length:

204.00 ft

Total Volume:

2.861 bbl

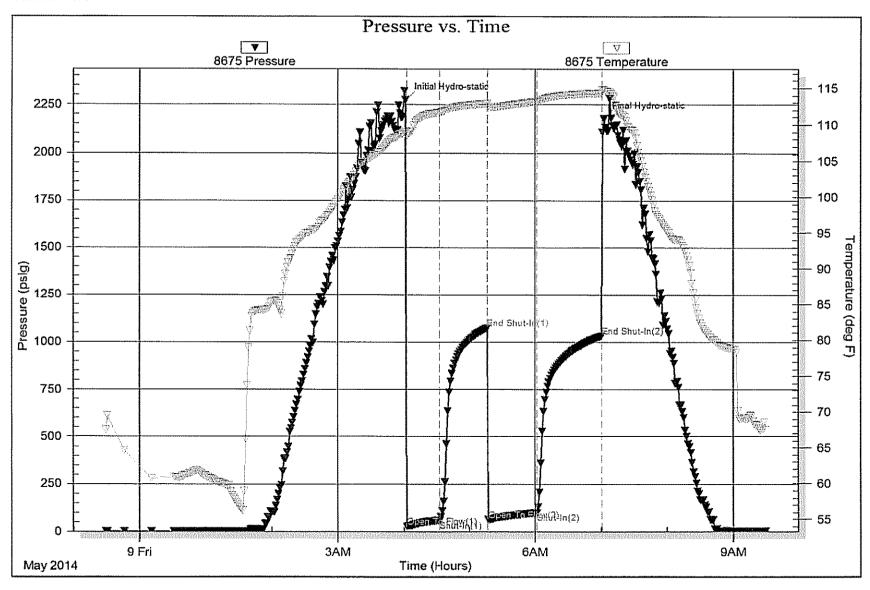
Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location:

Laboratory Name:

Recovery Comments: Gravity= 31@80=29

Ref. No: 56529 Printed: 2014.05.09 @ 09:52:28 Trilobite Testing, Inc.



Trilobite Testing, Inc.

Ref. No: 56529

Printed: 2014.05.09 @ 09:52:29



Lario Oil & Gas Co.

1-19s-36w-Wichita, CO KS

301 S. Market St. Wichita, KS 67202 Gaschler Unit #1-1

Job Ticket: 56531

ATTN: lan Bosmeijer

DST#: 2

Test Start: 2014.05.11 @ 09:10:00

#### GENERAL INFORMATION:

Time Tool Opened: 11:34:30

Time Test Ended: 18:35:15

Formation:

Morrow

Deviated:

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Cornelio Landa III

Unit No:

Reference Bevations:

75

3227.00 ft (KB) 3217.00 ft (CF)

KB to GR/CF:

10.00 ft

Interval:

4850.00 ft (KB) To 4915.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4915.00 ft (KB) (TVD)

7.88 inchesHole Condition:

Serial #: 8675 Press@RunDepth: Inside

118.96 psig @

4853.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2014.05.11

End Date:

2014.05.11

Last Calib.:

Start Time:

End Time:

18:35:15

Time On Blm:

2014.05.11 2014.05.11 @ 11:32:15

09:10:15

Time Off Blm:

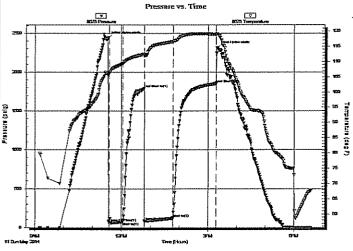
2014.05.11 @ 15:19:30

TEST COMMENT: IF: B.o.b. in 24 min.

ISI: Bled off in 2 min.- Weak surface Blow back throughout shut-in

FF: B.o.b. in 41 min.

FSI; Bled off in 2 min.-Weak surface Blow back-Built to 1/8 in Blow back for 1 hr-Died back to surface Blow back



#### Time Pressure Temp Annotation (Min.) (psig) (deg F) 2435.49 0 106.08 Initial Hydro-static 106.08 Open To Flow (1) 3 64.51 31 75.71 109.31 Shut-In(1) 75 1791.21 112.45 End Shut-In(1) 76 82.55 111.84 Open To Flow (2) 135 118.96 116.54 Shut-In(2) 225 1849.56 118.93 End Shut-In(2) 228 2314.91 119.05 Final Hydro-static

PRESSURE SUMMARY

## Recovery

| Length (ft)       | Description         | Volume (bbi) |
|-------------------|---------------------|--------------|
| 7.00              | Co 100o             | 0.10         |
| 40.00             | G & Mco 10g 20m 70o | 0.56         |
| 190.00            | G & Mco 10g 40m 50o | 2.67         |
| 0.00              | Gravity 29@60=29    | 0.00         |
|                   |                     |              |
|                   |                     |              |
| * Recovery from n | nultiple tests      |              |

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

Trilobite Testing, Inc.

Ref. No: 56531

Printed: 2014.05.11 @ 23:05:37



**FLUID SUMMARY** 

Lario Oil & Gas Co.

1-19s-36w-Wichita, CO KS

301 S. Market St. Wichita, KS 67202 Gaschler Unit #1-1

Job Ticket: 56531

DST#: 2

ATTN: lan Bosmeijer

Test Start: 2014.05.11 @ 09:10:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

29 deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

Water Salinity:

ppm

Viscosity: Water Loss: 47.00 sec/qt 9.55 in\* 0.00 ohmm Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

psig

fŧ

bbl

Resistivity: Salinity: Filter Cake:

7000.00 ppm 1.00 inches

**Recovery Information** 

Recovery Table

| Length<br>ft | Description         | Volume<br>bbl |
|--------------|---------------------|---------------|
| 7.00         | Co 100o             | 0.098         |
| 40.00        | G & Mco 10g 20m 70o | 0.561         |
| 190.00       | G & Mco 10g 40m 50o | 2.665         |
| 0.00         | Gravity 29@60=29    | 0.000         |

Total Length:

237.00 ft

Total Volume:

3.324 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Laboratory Name:

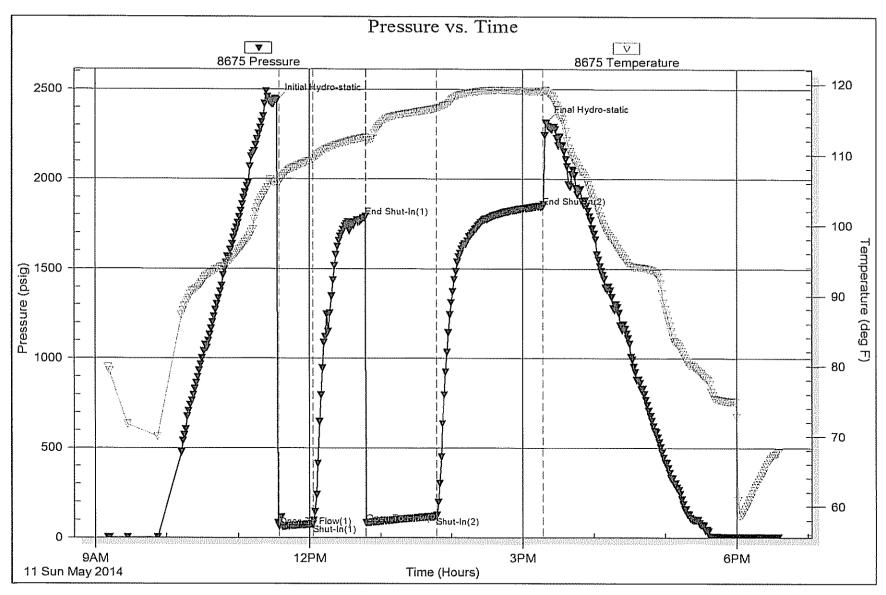
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 56531

Printed: 2014.05.11 @ 23:05:38



Trilobite Testing, Inc Ref. No: 56531 Printed: 2014.05.11 @ 23:05:38