Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1224474

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: | Feet from Dorth / South Line of Section |
| City: State: Zip:+ | Feet from East / West Line of Section |
| Contact Person: | Footages Calculated from Nearest Outside Section Corner: |
| Phone: () | |
| 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: Well #: |
| New Well Re-Entry Workover | Field Name: |
| | Producing Formation: |
| | Elevation: Ground: Kelly Bushing: |
| Gas D&A ENHR SIGW | Total Vertical Depth: Plug Back Total Depth: |
| OG GSW Temp. Abd. CM (Coal Bed Methane) | Amount of Surface Pipe Set and Cemented at: Feet |
| Cathodic Other (Core, Expl., etc.): | Multiple Stage Cementing Collar Used? Yes No |
| If Workover/Re-entry: Old Well Info as follows: | If yes, show depth set: Feet |
| Operator: | If Alternate II completion, cement circulated from: |
| Well Name: | feet depth to:w/sx cmt. |
| Original Comp. Date: Original Total Depth: | |
| Deepening Re-perf. Conv. to ENHR Conv. to SWD | Duilling Fluid Management Dian |
| Plug Back Conv. to GSW Conv. to Producer | Drilling Fluid Management Plan (Data must be collected from the Reserve Pit) |
| Commingled Permit #: | Chloride content: ppm Fluid volume: bbls |
| Commingled Permit #: Dual Completion Permit #: | Dewatering method used: |
| SWD Permit #: | Location of fluid disposal if hauled offsite: |
| ENHR Permit #: | |
| GSW Permit #: | Operator Name: |
| | Lease Name: License #: |
| Spud Date or Date Reached TD Completion Date or | Quarter Sec TwpS. R East West |
| Recompletion Date Recompletion Date | 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: |

| | Page Iwo | 1224474 |
|-----------------------|-------------|---------|
| Operator Name: | Lease Name: | Well #: |
| Sec TwpS. 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 (Attach Additional Sh | eets) | Yes No | | - | on (Top), Depth a | | Sample |
|---|----------------------|------------------------------|----------------------|------------------|-------------------|-------------------|-------------------------------|
| Samples Sent to Geolog | gical Survey | Yes No | Name | 9 | | Тор | Datum |
| Cores Taken Electric Log Run | | ☐ Yes ☐ No ☐ Yes ☐ No | | | | | |
| List All E. Logs Run: | | | | | | | |
| | | | RECORD New | | ion, 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 |
| | | | | | | | |
| | | | | | | | |
| | 1 | ADDITIONAL | CEMENTING / SQU | EEZE RECORD | | | |
| Purpose: | Depth | Type of Cement | # Sacks Llead | | Type and P | Porcont Additives | |

| Purpose: Perforate | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
|-----------------------|---------------------|----------------|--------------|----------------------------|
| Protect Casing | | | | |
| Plug Off Zone | | | | |

| Did you perform a hydraulic fracturing treatment on this well? | Yes |
|---|-----|
| Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? | Yes |
| Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? | Yes |

(If No, skip questions 2 and 3) (If No, skip question 3)

No

No

No

(If No, fill out Page Three of the ACO-1)

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | | | | Acid, Fracture, Shot, Ce (Amount and Kind | | Depth | | | |
|--------------------------------------|---|----------------------|---------|------------------------|--|-----------|-----------------|-----------------|------------------|---------|
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| | | | | | | | | | | |
| TUBING RECORD: | Siz | ze: | Set At: | | Packer | r At: | Liner R | un: |] No | |
| Date of First, Resumed | Producti | on, SWD or ENHR. | | Producing M | lethod: | ping | Gas Lift | Other (Explain) | | |
| Estimated Production Per 24 Hours | | Oil Bbls | 5. | Gas | Mcf | Wat | er | Bbls. | Gas-Oil Ratio | Gravity |
| DISPOSITI | _ | AS: Jsed on Lease | | Dpen Hole | METHOD | | | Commingled | PRODUCTION INTER | RVAL: |
| (If vented, Su | | | | Other <i>(Specify)</i> | | (Submit) | 4 <i>CO-5</i>) | (Submit ACO-4) | | |

| Form | ACO1 - Well Completion |
|-----------|-------------------------|
| Operator | Lario Oil & Gas Company |
| Well Name | Sampson 3-10 |
| Doc ID | 1224474 |

All Electric Logs Run

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

| Form | ACO1 - Well Completion |
|-----------|-------------------------|
| Operator | Lario Oil & Gas Company |
| Well Name | Sampson 3-10 |
| Doc ID | 1224474 |

Tops

| Name | Тор | Datum |
|---------------|------|-------|
| Heebner | 4009 | -810 |
| Lansing | 4056 | -857 |
| Stark Shale | 4359 | -1160 |
| Hushpuckney | 4413 | -1214 |
| Base KC | 4499 | -1300 |
| Marmaton | 4535 | -1336 |
| Pawnee | 4621 | -1422 |
| Ft. Scott | 4645 | -1446 |
| Johnson | 4749 | -1550 |
| Morrow | 4840 | -1641 |
| Basal Penn | 4934 | -1735 |
| Mississippian | 4942 | -1743 |
| St. Louis | 5008 | -1809 |
| Spergen | 5236 | -2037 |

| CONSOLIDATED Oil Well Services, LLC | L Consolidated Oil Well Services LLC L | | MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012 | | |
|---|---|----------------------------|---|-----------------------------|--|
| INVOICE | | | Invoice # | 271300 | |
| Invoice Date: 09/24/2014 | Terms: 10/10/10,n/30 | | | ge 1 | |
| LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 67846 (316)265-5611 | | ON #3-10 8-35W /1982 | > | | |
| | | ========= | | <u>— — — — — — — — —</u> | |
| Description CEMENT PUMP (SURFACE) EQUIPMENT MILEAGE (ONE | WAY) | 1.00 | Unit Price 1150.00 5.25 | Total 1150.00 288.75 | |
| 1104S CLASS " | tion CHLORIDE (50#) A" CEMENT (SALE) GEL / BENTONITE | 747.00 | Unit Price .9400 18.5500 .2700 | | |
| | tion EQUIPMENT DISCOUNT MATERIAL DISCOUNT | | | Total -264.18 -575.23 | |
| Description 693 TON MILEAGE DELIVERY | | Hours 1.00 | Unit Price 1203.12 | Total 1203.12 | |
| | | | XC 4 | X . | |
| | | | SEP 3 0 2014 | | |
| | | | te " | | |
| | Amount Due 8863. | 08 if pa: | id after 10/0 | 4/2014 | |
| Parts: 5752.39 Freight: Labor: .00 Misc: Sublt: -839.41 Supplies: | .00 Tax: .00 Total: .00 Change: | 421.9 7976.5 | 79 | 7976.79 | |
| | | | | | |

 Signed
 Date

 SARTLESVILLE, OK
 EL DORADO, KS
 EUREKA, KS
 PONCA CITY, OK
 OAKLEY, KS
 OTTAWA, KS
 THAYER, KS
 GILLETTE, WY
 CUSHING, OK

 918/338-0808
 316/322-7022
 620/583-7664
 580/762-2303
 785/672-8822
 785/242-4044
 620/839-5269
 307/686-4914
 918/225-2650

27/300



| TICKET NUMBER | 46732 |
|---------------|-------|
| LOCATION Oakl | xy US |
| FOREMAN MILLS | Show |

| | | | | | TARCAIT DED | ADT | | |
|----------------|-----------------|--|-------------|-------------|-------------|-----------------|------------|-----------|
| PO Box 884. Cl | hanute, KS 667: | 20 FIELL | DIICKE | | MENT REP | UKI | | 11 0 |
| | or 800-467-8676 | | | CEMEN' | Т | | | 45 |
| DATE | CUSTOMER# | | AME & NUME | 3ER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 9:24-14 | 4793 | Sampso | ~ #·3~ | -10 | 10 | 195 | 352 | Witch, to |
| CUSTOMER | 1 1 | | | Modoc 15 | | | 7011012 4 | DRIVER |
| / | Grid C |) d Gas | | W to 12/22 | TRUCK# | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRE | SS | | | 1 1 | 731 | Kelly 6 | | |
| | | | | 35 | 693 | 1265 | | |
| CITY | | STATE Z | IP CODE | Einto | | | | |
| | | | | 1 | | | | |
| L | | L | 14" | | 2611 | CASING SIZE & W | TICUT 8-57 | Pault |
| JOB TYPE | refere | HOLE SIZE | 14 | HOLE DEPTH | Jac | | | <u>ey</u> |
| CASING DEPTH | Sev' | DRILL PIPE | | _TUBING | | | OTHER | |
| SLURRY WEIGH | IT 14.8 | SLURRY VOL_ | 36 | WATER gal/s | k | CEMENT LEFT in | CASING_20 | 1 |
| DISPLACEMENT | A | DISPLACEMENT F | | MIX PSI | | RATE | | |
| REMARKS: | 0 01 | no etina a | | uron. | Val de | Alina Cir | #/ Cr | culate_ |
| Casina | marzi | 1.5 S/S (| 1955 | .1 . | ent with | 38 Cill | Sam 2 | 89. |
| OTS Alas | 1 23 hh | swater S | hatio | (pmer | | Circu | late a | 16hss |
| 10017 | | | E.d. | | | | | |
| <u> </u> | | | | | | | | |
| | | ······································ | | | | | | |
| | | | | | | | | |

Thanks Miksdered

| ACCOUNT | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|------------------|------------------------------------|------------------------|----------|
| SHULS | / | PUMP CHARGE | 1150 W | 1150,00 |
| 5406 | 55 | MILEAGE | 5.25 | 218.25 |
| -5407A | 12.5 TONS | Ton Milvage delivery | 1.75 | 1203-12 |
| 1102 | 747 # | Calcium Chlacide | 194 | 702,18 |
| 11045 | 265 SHS | Class A Coment | 18.55 | 4915.25 |
| 11188 | 498 # | Bestanite ge | 127 | 134.46 |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | <u>،</u> | |
| | | | | |
| | | | | |
| | | | | |
| | | | | 0359.26 |
| | | | Pustolal | 52911 V |
| | | 1.55 103d | 1 () // / / | 780.100 |
| | | | Subtotal | 421 9 |
| Davida 0107 | | <u></u> | SALES TAX ESTIMATED | -12112 |
| Ravin 3737 - | • | 2 | TOTAL | 1916,119 |
| | PO. IN | m | | |

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 whatsnever, 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) subsurface 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.

5

(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 of 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.

| Oil Well Services, LLC | REMUT TO Consolidated Oil Well Se Dept. 970 P.O. Box 434 Houston, TX 77210 | MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012 | | |
|---|--|---|---|------------------|
| INVOICE | | | Invoice # | 271599 |
| Invoice Date: 10/09/2014 | Ferms: 10/10/10,n/30 | | P | age 1 |
| LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 67846 (316)265-5611 | 10-467 | /06/2014 |) drilling AFE 10-13-14 LK | 4-221 |
| | OCT 1 6 2014 | | | |
| Description SINGLE PUMP | té | Hours 1.00 | Unit Price 3175.00 | Total 3175.00 |
| 1118AS-5 GEL/1107FLO-SEAI4104CEMENT H4130CENTRALI4277ADV-TOOL-44545 1/2" H4253TYPE A H1144GMUD FLUSSublet PerformedDescript9995-130CEMENT H | CEMENT DZ MIX (50# BAG) BENTONITE (50#) (25#) BASKET 5 1/2" CZER 5 1/2" WEATHERFORD 5 1/ ATCH DOWN PLUG PACKER SHOE61/2X6 SH (SALE) CION EQUIPMENT DISCOUNT MATERIAL DISCOUNT | 250.00 470.00 1250.00 3233.00 117.00 1.00 1.00 1.00 1.00 500.00 | Unit Price 23.7000 15.8600 .5600 2.9700 290.0000 61.0000 4900.0000 567.0000 1.0000 1.0000 | 210.00 |
| Parts: 24504.60 Freight: Labor: .00 Misc: Sublt: -4519.02 Supplies: | .00 Tax: .00 Total: .00 Change: | 1697.5 27305.3 .0 | 5 0 | 27305.35 |



| TICKET NUMBER | <u> </u> |
|---------------|----------|
| LOCATION Oak | NKS |

FOREMAN Dane, Retzlaff

PO Box 884, Chanute, KS 66720

FIELD TICKET & TREATMENT REPORT

| • | or 800-467-8676 | | | CEMEN | Т | | | K.S |
|---------------|-----------------|-------------|---------------|--------------------|---------------------|-----------------|-------------|--------------|
| DATE | CUSTOMER # | WE | LL NAME & NUM | IBER | SECTION | TOWNSHIP | RANGE | COUNTY |
| 10-6-14 | 4793 | Samp | 500 # 3-1C | > | 10 | /9.5 | <u>35</u> W | Wichita |
| CUSTOMER | | · · · · | • | MODEC | | | | |
| | Lecin (| 21462 | 5 | KS West | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRE | ESS | | * | to ROZZ 4 south | 731 | Jeceny | | |
| | | | | - Exist into | 466 | kelly ! | | |
| CITY | | STATE | ZIP CODE | Cast up o | 528 | tance | | |
| | | | | | Helper | Colin | | |
| JOB TYPE 2- | stage | HOLE SIZE | 778 | HOLE DEPTH | 5201.88 | CASING SIZE & W | EIGHT 51/2 | 14 LBS |
| CASING DEPTH | 5197-75 | DRILL PIPE_ | 4.5 | _TUBING | | | | 001 2421 |
| SLURRY WEIGH | 142/12.5 | SLURRY VOL | 1.56/1.76 | WATER gal/s | <u>k 4.97/9.2</u> 8 | CEMENT LEFT in | CASING 101 | <u>13</u> |
| | , | | NT PSI 10005 | | | RATE CABAS MI | | |
| REMARKS: Sa | fter black | ina, Ria | use Run | float. C | cots or 1 | 19, 116, 113, | 110, 107, | 104,101, |
| 98,95,9 | 12, 89-, 84 | . 63, 61 | 5, 77, 74 | 157154 | 1. Banket | of SL. DV | TOOL ON S | -6. Run_ |
| | | | | | | is much flush | | |
| Mix 250 | SES of OL | ec 3th K | 21 Seal. 31 | ut down | . Release | pluq. Displa | re leg BB | 1s of water |
| and late | BBHOF Mu | J. Final | lift was | 1106 psi | · Plug too | cled at 160 | 10 .ps1. C | pen tool |
| Circ. 36 | TS. Plug A | NH and | RH. Mix | 450 sk | 5 of 60/4 | 10 poz mik | 8% gel | 14 = Flor |
| Shut dow | n, Release | plug. DI | splace 59 | - BBIs of | Lwoter. F | Final lift La | 5 800 .psi | . Plug lande |
| | osi. Riga | | • | www | | | <u></u> | • |

| ACCOUNT CODE | QUANITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|-----------------|------------------|------------------------------------|--------------------|-----------|
| 54010 | | PUMP CHARGE | 3175,00 | 3175.00 |
| 5406 | 40. | MILEAGE | 5.25 | 210.00 ¥ |
| 5407n | 31.96 | Ton Mileage Delivery | 1.75 | 2237,20 |
| 1126 | 250 ska | | | 5925.00 |
| 1131 | \$70 sks | 6940 Pozmik | 15.86 | 7454.20 |
| 1/164 | 1250 | Kol Scal | +56 | 760.00 |
| 11184 | <u>32</u> 33 | Bentonite | - 27 | 872,91 |
| 1107 | 117 | Flo Scal | 2.97 | 347,49 |
| 4104 | | 51/2 Baaket | a790.00 | 290.00 |
| 4130 | 18 | 51/2 Centralizers | 61.00 | 1098.00 |
| 42770 | 1 | 51/2 DVTool | 4900.00 | 4900.00 |
| 4454 | 1 | 51/2 Fatchdoon Plug Assembly | 567.00 | 567.00 |
| 4253 | | 51/2 Packershoe. | 1850.00 | 1850,00 |
| 11446- | 500 qəl | mud Plush | · 1.00 | 500.00 |
| | | | 546 | 30127.10 |
| | | 1 | · 1055 15% | 4519.06 |
| | | | Total | 25208.04 |
| | <u> </u> | | SALES TAX | 1697. 39 |
| vin 3737 | | | ESTIMATED TOTAL | 277305(35 |
| UTHORIZTION_ | <u>ARA</u> | TITLE | DATE | |

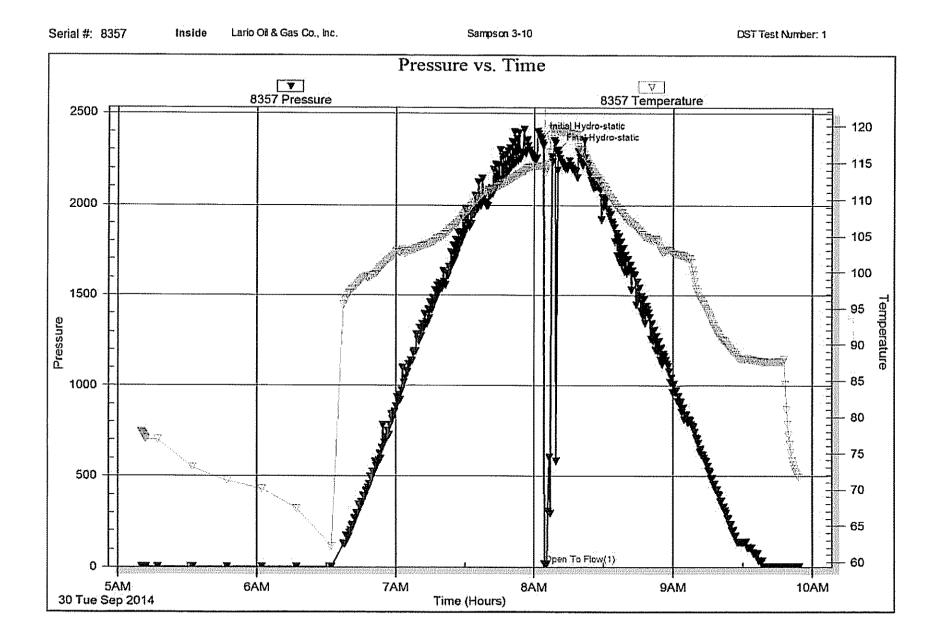
- i i

l 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.

| RILOBITE | Lario Oil & Gas Co., Inc. | | S1 | 0-11s-3 | 5w Wic | hita, KS | |
|--|--|-------------------------------|---|--|--|--|---|
| ESTING, INC | 250 N. Water | | | Impson | | | |
| | STE 300 | | | o Ticket: 5 | | DS: | T#: 1 |
| | Wichita, KS 67202 ATTN: Aaron | | | | | 0 @ 05:10:0 | |
| JENERAL INFORMATION: | | | | | | | |
| formation: Marmaton | | | | | | | |
| Devlated: No Whipstock: Time Tool Opened: 08:04:20 Time Test Ended: 09:54:39 | ft (KB) | | Tes | st Type: ster: it No: | Convent Chuck S 61 | | hHole (Initial) |
| nterval: 4528.00 ft (KB) To 453 otal Depth: 4552.00 ft (KB) (TV fole Diameter: 7.88 inchesHole | | | Ref | ference B KB | levations: to GR/CP | 3189 | 1.00 ft (KB) 1.00 ft (CF) 1.00 ft |
| | | | | | | | |
| Serial #: 8357 Inside tress@RunDepth: psig (start Date: 2014.09.30 start Time: 05:10:02 | 4529.00 ft (KB) End Date: End Time: | 2014.09.30 09:54:40 | Capacity Last Cal Time On Time Off | ib.: Btm: | | 8000 2014.09 .30 @ 08:02 .30 @ 08:10 | :50 |
| EST COMMENT: Weak blow, pack | er seat failed after 1 min., resei | t tool, packer se | at failed aga | ain, pulled | tool. | | |
| EST COMMENT: Weak blow, pack | er seat failed after 1 min., resei | t tool, packer se | at failed aga | ain, pulled | tool. | | |
| Pressure vs. Ti | 59c | t tool, packer se | | ain, pulled | | MMARY | |
| | | Time | Pressure | RESSUI Temp | RE SUN | MMARY tation | |
| Pressure vs. Ti | | Time (Min.) | P Pressure (psig) 2360.85 | RESSU Temp (deg F) 114.56 | RE SUN Anno i Inilial H | tation Vdro-static | |
| Pressare vs. 75 | BAC STO Temperature • United Temperature | Time (Min.) 0 2 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| Pressure vs. The | | Time (Min.) 0 2 | P Pressure (psig) 2360.85 | RESSU Temp (deg F) 114.56 | RE SUN Anno Inilial H Open T | tation Vdro-static | |
| Pressare vs. 75 | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| Pressure vs. The | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| Pressure vs. The second | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| Pressure vs. The second | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| Pressure va. Te | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU Temp (deg F) 114.56 113.66 | RE SUN Anno Inilial H Open T | tation Vdro-static To Flow (1) | |
| | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU (deg F) 114.56 113.66 119.41 | RE SUN Anno Inilial H Open T | tation lydro-static fo Flow (1) ydro-static | |
| Pressure vs. The source vs. The sour | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU (deg F) 114.56 113.66 119.41 | RE SUN Anno Initial H Open T Final H | tation lydro-static fo Flow (1) ydro-static | Gas Rate (Mct/d) |
| Pressource va. The Pressource va. The Presso | | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU (deg F) 114.56 113.66 119.41 | RE SUN Anno Initial H Open T Final H | tation lydro-static fo Flow (1) ydro-static | Gas Rato (Mcf/d) |
| Pressure vs. Tr rectificans r | DDC DD Temperature To Temper | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU (deg F) 114.56 113.66 119.41 | RE SUN Anno Initial H Open T Final H | tation lydro-static fo Flow (1) ydro-static | Gas Rate (Mcf/i) |
| Pressure vs. The set of the set | DDC DD Temperature To Temper | Time (Min.) 0 2 8 | P Pressure (psig) 2360.85 16.87 | RESSU (deg F) 114.56 113.66 119.41 | RE SUN Anno Initial H Open T Final H | tation lydro-static fo Flow (1) ydro-static | Gas Rate (Mct/d) |

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| 10 Ph | RILOBITE | DRI | LL STEM TEST REPORT | | FLUID | SUMMARY |
|---------------------------|--|------------------|--------------------------------------|-----------------|---------------------|---------|
| | fermentagen et en tet in tet i | Lario C | vil & Gas Co., Inc. | S10-11s-35w | v Wichita, KS | |
| | ESTING , INC | 250 N. STE 30 | | Sampson 3 | | |
| | | Wichita | , KS 67202 | Job Ticket: 573 | 392 DST# | :1 |
| | | ATTN: | Aaron | Test Start: 201 | 14.09.30 @ 05:10:00 | |
| Mud and C | Sushion Information | | | | | |
| | Gel Chem | | Cushion Type: | | il API: | deg API |
| Mud Weight: | 9.00 lb/gal | | Cushion Length: | | later Salinity: | ppm |
| Viscosity: Water Loss: | 54.00 sec/qt 8.79 in³ | | Cushion Volume: Gas Cushion Type: | bbl | | |
| Resistivity: | ohmm | | Gas Cushion Pressure: | psig | | |
| Salinity: | 3800.00 ppm | | | 2013 | | |
| Filter Cake: | 1.00 inches | | | | | |
| Recovery I | nformation | | | | | |
| | r | | Recovery Table | | | |
| | Leng ft | lh | Description | Volume bbl | | |
| | | 300.00 | M 100m Oil spots in tool. | 4.208 | | |
| | Total Length: | 300 | .00 ft Total Volume: 4.208 bbl | | | |
| | Num Fluid Samp | | Num Gas Bombs: 0 | Serial #: | | |
| | Laboratory Nan | | Laboratory Location: | | | |
| | Recovery Com | nents: | | | | |
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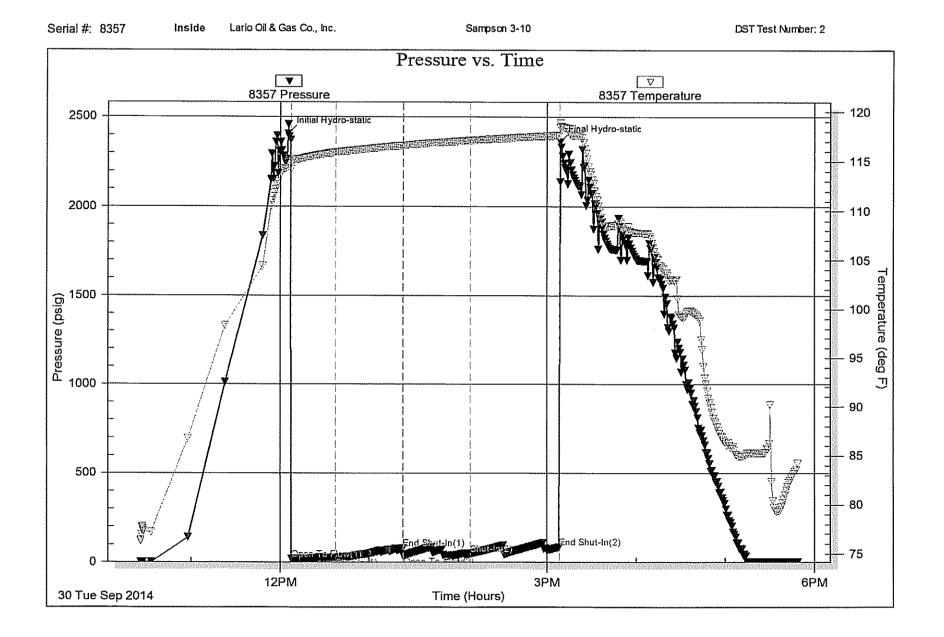


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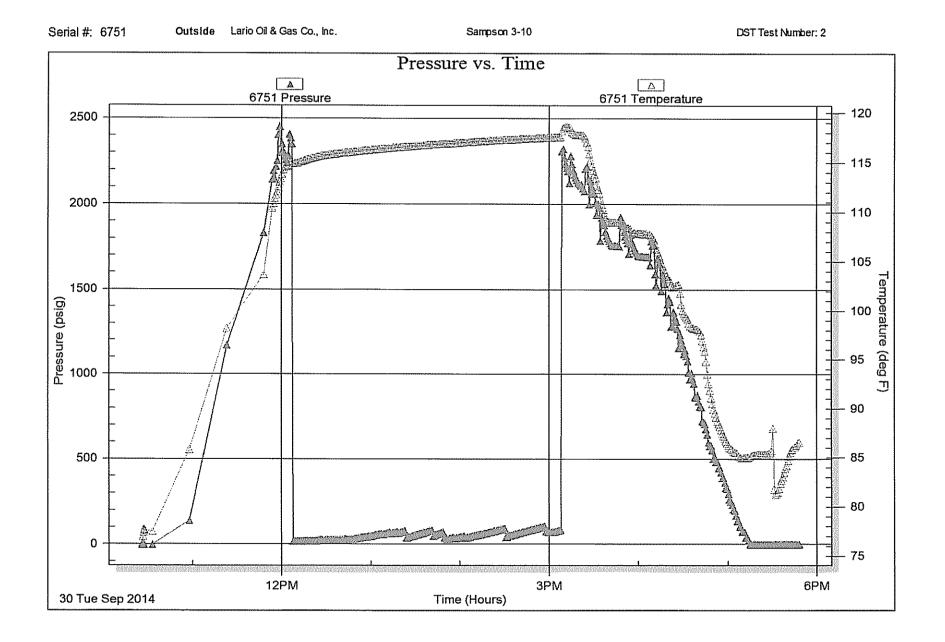
| RILOBITE | Lario Oil & Gas Co., Inc. | | <u>\$10.</u> | .11e-25 | w Wichita | | |
|--|--|--|---|---|--|---|---|
| ESTING, INC | | · · · | | | | ~, | |
| | 250 N. Water STE 300 | | | pson 3 | | | |
| | Wichita, KS 67202 | | Job T | icket: 57 | 393 | DST#: 2 | 2 |
| | ATTN: Aaron Suelter | | Test S | Start: 20 | 14.09.30 @ | 10:26:00 | |
| GENERAL INFORMATION: | | | | | | | |
| Formation: Marmaton | | | | | | | |
| Deviated: No Whipstock: | ft (KB) | | | | | l Bottom Hol | e (Reset) |
| fime Tool Opened: 12:07:30 fime Test Ended: 17:48:39 | | | Teste Unit N | | Chuck Smith | | |
| nterval: 4496.00 ft (KB) To 45 | 52 00 ft (KB) (TVD) | | | ence Be | | 3199.00 | |
| fotal Depth: 4552.00 ft (KB) (TV | | | 10.01 | | • addi (3, | 3189.00 | |
| | Condition: Good | | | KB to | GR/CF: | 10.00 | |
| Serial #: 8357 Inside | ****** | | | | | | |
| Press@RunDepth: 47.37 psig (| | *** | Capacity: | | | 8000.00 | psig |
| Start Date: 2014.09.30 Start Time: 10:26:02 | End Date: End Time: | 2014.09.30 17:48:40 | Last Calib.: | | | 2014.09.30 | |
| aart fine. 10:26:02 | | 17:48:40 | Time On Bt Time Off B | | 014.09.30 (014.09.30 (| - | |
| | | | | | | | |
| Pressare vs. Th | | | | | E SUMM/ | | |
| | 1927 ETS Verpendum Case of the second | Time (Min.) | Pressure | Temp | E SUMM/ Annotatio | | <u></u> |
| | | Time (Min.) 0 | Pressure (psig) (| Temp (deg F) | | n | |
| | | (Min.) 0 2 | Pressure (psig) 2405.63 18.30 | Temp (deg F) 114.92 114.18 | Annotatio Initial Hydro Open To Fl | n o-static | 4-94 - ann an Anna an A |
| | | (Min.) 0 2 32 | Pressure (psig) (2405.63 18.30 28.17 | Temp (deg F) 114.92 114.18 115.87 | Annotatio Initial Hydro Open To Fl Shut-In(1) | n o-static ow (1) | · · · · · |
| | | (Min.) 0 2 32 78 | Pressure (psig) 2405.63 18.30 28.17 79.09 | Temp (deg F) 114.92 114.18 115.87 116.58 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-Ir | n o-static ow (1) n(1) | |
| | | (Min.) 0 2 32 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 14 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 | Annotatio Initial Hydro Open To Fl Shut-In(1) | n o-static ow (1) n(1) | |
| | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-In | n o-static ow (1) n(1) ow (2) n(2) | |
| | | (Min.) 0 2 32 78 78 78 123 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) | n o-static ow (1) n(1) ow (2) n(2) | |
| | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-In | n o-static ow (1) n(1) ow (2) n(2) | |
| 232 | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-In | n o-static ow (1) n(1) ow (2) n(2) | |
| 232 | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-In | n o-static ow (1) n(1) ow (2) n(2) | |
| | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-In | n o-static ow (1) n(1) ow (2) n(2) | |
| | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Initial Hydro Open To Fi Shut-In(1) End Shut-In Open To Fi Shut-In(2) End Shut-In | n o-static ow (1) n(1) ow (2) n(2) | |
| 200 200 200 200 200 200 200 200 | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) End Shut-In(2) End Shut-In Final Hydro | n o-static ow (1) n(1) ow (2) n(2) h-static | s Rate (Mcl/d) |
| The based of the second of the | | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) End Shut-In(2) End Shut-In Final Hydro | n o-static ow (1) n(1) ow (2) n(2) h-static | s Rale (M <i>Cl/d</i>) |
| The second secon | To Verynaws | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) End Shut-In(2) End Shut-In Final Hydro | n o-static ow (1) n(1) ow (2) n(2) h-static | s Rate (Mc/d) |
| The second secon | To Verynaws | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) End Shut-In(2) End Shut-In Final Hydro | n o-static ow (1) n(1) ow (2) n(2) h-static | s Rate (MC/d) |
| The second secon | To Verynaws | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) End Shut-In(2) End Shut-In Final Hydro | n o-static ow (1) n(1) ow (2) n(2) h-static | s Rale (M <i>Cl/d</i>) |
| The second secon | To Verynaws | (Min.) 0 2 32 78 78 78 123 183 | Pressure (psig) (2405.63 18.30 28.17 79.09 32.14 47.37 83.79 | Temp (deg F) 114.92 114.18 115.87 116.58 116.56 117.10 117.62 118.85 | Annotatio Open To Fi Shut-In(1) End Shut-Ir Open To Fi Shut-In(2) End Shut-In(2) End Shut-In Final Hydro | n o-static ow (1) n(1) ow (2) n(2) h-static | s Rate (Mc//d) |

| RILOBITE | DRILL STEM TES | ST REPO | ORT | | |
|---|---|------------------------|--|----------------------------------|--|
| | Lario Oil & Gas Co., Inc. | | S10-11s | -35w Wichi | ta, KS |
| ESTING , INC | 250 N. Water | | Sampso | on 3-10 | |
| | STE 300 Wichita, KS 67202 | | Job Tickel | : 57393 | DST#:2 |
| | ATTN: Aaron Suelter | | Test Start | : 2014.09.30 (| @ 10:26:00 |
| GENERAL INFORMATION: | | | | | |
| Formation: Marmaton Deviated: No Whipstock: Time Tool Opened: 12:07:30 Time Test Ended: 17:48:39 | ft (KB) | | Test Type Tester: Unit No: | : Convention Chuck Smit 61 | al Bottom Hole (Reset) h |
| Interval: 4496.00 ft (KB) To 455 Total Depth: 4552.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole | | | | e Bevations: KB to GR/CF: | 3199.00 ft (KB) 3189.00 ft (CF) 10.00 ft |
| Serial #: 6751OutsidePress@RunDepth:psigStart Date:2014.09.30Start Time:10:26:02 | @ 4501.00 ft (KB) End Date: End Time: | 2014.09.30 17:48:30 | Capacity: Last Calib.: Time On Btm Time Off Btm | | 8000.00 psig 2014.09.30 |
| TEST COMMENT: 30- 1/4" Blow rec 45- No return. 45- No blow . 60- No return. | | | | | |
| Pressure vs. Tr | Contraction and Contraction | Time | PRESS Pressure Ten | URE SUMN | |
| 200 200 200 200 200 200 200 200 | | (Min.) | (psig) (deg | | |
| Recovery | | | | Gas Rates | |
| Length (ft) Description | Volume (bbl) | | Ch | oke (inches) Press | ure (psig) Gas Rate (Mcl/d) |
| 5.00 M 100m w / an oil spot | 0.07 | | | | |



Ref. No: 57393

Printed: 2014.09.30 @ 22:44:04

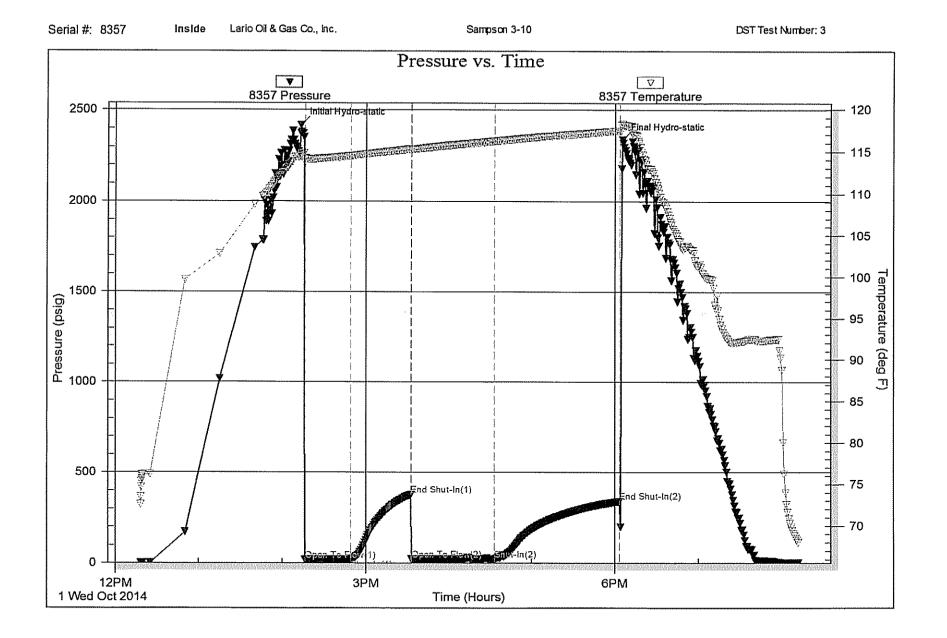


Ref. No: 57393

Printed: 2014.09.30 @ 22:44:04

| | DRILL STEM TES | ST REP | ORT | -• | | | |
|--|--|---------------------------------------|-------------------|-------------------|------------------------------|------------------|-------------------|
| RILOBITE | Lario Oil & Gas Co., Inc. | | S1 | 0-11s-35 | w Wichita | , KS | |
| ESTING , INC | 250 N. Water | · · · · · · · · · · · · · · · · · · · | Sat | mpson | 3-10 | | |
| | STE 300 | s en de | | Ticket: 5 | | DST#:: | 3 |
| | Wichita, KS 67202 ATTN: Aaron Suelter | | | | 014.10.01 @ | | • |
| ······································ | | | | | | | |
| GENERAL INFORMATION: | | | | | | | |
| Formation: Pawnee Deviated: No Whipstock: | ft (KB) | | Tes | t Type: | Convenlional | Bollom Ho | le (Resel) |
| Time Tool Opened: 14:16:10 | | | Tes | ter: | Chuck Smith | | |
| Time Test Ended: 20:12:00 | | | | | 61 | | |
| Interval: 4602.00 ft (KB) To 46 | | | Refe | erence Be | evations: | 3199.00 | |
| Total Depth: 4632.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole | D) Condition: Good | | | KBI | lo GR/CF: | 3189.00 10.00 | |
| | | | | ·.·. | | | |
| Serial #: 8357 Inside Press@RunDepth: 20.75 psig (| @ 4605.00 ft (KB) | | Capacity | | | 8000.00 | nsia |
| Start Date: 2014.10.01 | End Date: | 2014.10.01 | Last Calif | | 2 | 014.10.01 | Paig |
| Start Time: 12:18:02 | End Time: | 20:12:00 | Time On I | | 2014.10.01 @ | - | |
| | | · • | Time Off | ount | 2014.10.01 @ | y 18:05:20 | |
| TEST COMMENT: 30- 1/4" Blow die | d @ 10 min. | a server a terre | | | | | |
| 45- No return. 60- No blow . | | ·. | | | | | |
| 90- No return. | | | | | | | |
| Русляла из. Т | | ~ | PF | RESSUF | | RY | - |
| 270 ([] 270 ([]) | ESS Temperature | Time | Pressure | Temp | Annotation |) | |
| | 18 | (Min.) 0 | (psig) 2416.99 | (deg F) 114.55 | Initial Hydro- | static | |
| | | 3 | 18.42 | 113.70 | Open To Flo | | |
| | | 36 80 | 20.44 377.87 | 114.45 115.30 | Shut-In(1) End Shut-In(| · • 1 \ | |
| | | 11 | 21.17 | 115.20 | | | |
| | | 140 | 20.75 | | Shut-In(2) | | |
| | | | 340.02 2338.00 | | End Shut-In(Final Hydro- | | |
| | | 101 | 2000.00 | 110.24 | T and t try th to- | 313110 | |
| | | | | | | | |
| | | | | | | | |
| i Sana Sana Sana Sana Sana Sana Sana San | ortiz | ant an string affinis | | | | | |
| | <u></u> | 3.7 | ļļ | | | | |
| Length (ft) Description | Volume (bbl) | | | Ga: | s Rates | | a Mata Ite - 11-5 |
| 5.00 OSM 100m | 0.07 | | | | nches) Pressura | (hailit) (B | s Rate (Mcl/d) |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |
| * Recovery from multiple tests | | | | | | | |
| Trilobite Testing, Inc | Ref. No: 57394 | -+ | | Printed: | 2014.10.01 @ | 23:00:49 | <u>-</u> |

| | | · ····· | ···· | | | | | |
|--|---|------------------------|---|-------------------------|---|----------------------------|---------------------|----------------|
| | RILOBITE | DRILL STEM TEST REPORT | | | | | FLUID SI | UMMARY |
| | | | Oil & Gas Co., Inc. | S10-11s-35w Wichita, KS | | | | |
| | ESTING , INC | STE 30 Wichita | I. Water 00 Ia, KS 67202 : Aaron Suelter | | Sampson Job Ticket: 5 Test Start: 2 | | DST#: 3 12:18:00 | |
| Mud and | Cushion Information | Į | | | | | | |
| Mud Type: Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake: | 58.00 sec/qt | | Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure: | | | Oil API: Water Salinity | y: | deg APi ppm |
| Recovery | Information | | ~ | | | | | |
| | Leng | | Recovery Table Description | | Volume | 1 | | |
| | ft | | | | bbl | - | | |
| | Total Length: | 5.00 | OSM 100m 5.00 ft Total Volume: | 0.070 bbl | 0.070 | | | |
| | Num Fluid Sam Laboratory Na Recovery Corr | ne: | Num Gas Bombs: Laboratory Location: | | Serial #: | | | |
| | | | | | | | | |



Ref. No: 57394

Printed: 2014.10.01 @ 23:00:49

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Conservation Division 266 N. Main St., Ste. 220 Wichita, KS 67202-1513



Phone: 316-337-6200 Fax: 316-337-6211 http://kcc.ks.gov/

Shari Feist Albrecht, Chair Jay Scott Emler, Commissioner Pat Apple, Commissioner Sam Brownback, Governor

January 23, 2015

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

Re: ACO-1 API 15-203-20291-00-00 Sampson 3-10 NW/4 Sec.10-19S-35W Wichita County, Kansas

Dear Jay Schweikert:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 09/23/2014 and the ACO-1 was received on January 23, 2015 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department