



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1102493
OIL & GAS CONSERVATION DIVISION

Form ACO-1
August 2013

Form must be Typed
Form must be Signed
All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

| | | |
|-----------------------------------|-----------------|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |
|-----------------------------------|-----------------|---|

API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

- Confidentiality Requested
Date: _____
- Confidential Release Date: _____
- Wireline Log Received
- Geologist Report Received
- UIC Distribution
- ALT I II III Approved by: _____ Date: _____



1102493

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

| | |
|--|---|
| Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____ | <input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum |
|--|---|

| CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used | | | | | | | |
|---|-------------------|---------------------------|-------------------|---------------|----------------|--------------|----------------------------|
| Report all strings set-conductor, surface, intermediate, production, etc. | | | | | | | |
| Purpose of String | Size Hole Drilled | Size Casing Set (In O.D.) | Weight Lbs. / Ft. | Setting Depth | Type of Cement | # Sacks Used | Type and Percent Additives |
| | | | | | | | |
| | | | | | | | |
| | | | | | | | |

| ADDITIONAL CEMENTING / SQUEEZE RECORD | | | | |
|--|------------------|----------------|--------------|----------------------------|
| Purpose: | Depth Top Bottom | Type of Cement | # Sacks Used | Type and Percent Additives |
| <input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone | | | | |
| | | | | |

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
 Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
 Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i> | Depth |
|----------------|---|--|-------|
| | | | |
| | | | |
| | | | |
| | | | |

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|-----------------------------------|-----------|---------|-------------|---------------|---------|
| | | | | | |

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

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | ColburnTucker 1-18 |
| Doc ID | 1102493 |

All Electric Logs Run

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

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | ColburnTucker 1-18 |
| Doc ID | 1102493 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Heebner | 3978 | -776 |
| Lansing | 4025 | -823 |
| Stark Shakle | 4332 | -1130 |
| Hushpuckney | 4384 | -1182 |
| Base KC | 4476 | -1274 |
| Marmaton | 4512 | -1310 |
| Pawnee | 4607 | -1405 |
| Ft. Scott | 4629 | -1427 |
| Johnson | 4743 | -1541 |
| Morrow | 4846 | -1644 |
| Basal Penn | 4943 | -1741 |
| Mississippian | 4970 | -1768 |
| St. Louis | 5015 | -1813 |

Conservation Division
Finney State Office Building
130 S. Market, Rm. 2078
Wichita, KS 67202-3802



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

Mark Sievers, Chairman
Thomas E. Wright, Commissioner
Shari Feist Albrecht, Commissioner

Sam Brownback, Governor

January 18, 2013

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

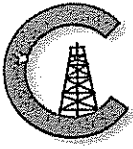
Re: ACO1
API 15-203-20194-00-00
ColburnTucker 1-18
SW/4 Sec.18-19S-35W
Wichita County, Kansas

Dear Production Department:

We are herewith requesting that the Well Completion Form ACO-1 and attached information for the subject well be held confidential for a period of two years.

Should you have any questions or need additional information regarding subject well, please contact our office.

Respectfully,
Jay Schweikert



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 254818

Invoice Date: 11/27/2012 Terms: 10/10/30,n/30 Page 1

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

COLBURN TUCKER 1-18
39171
18-18-36
11-23-2012
KS

Drilling
AFE 12-260
CK 11/29/12

| Part Number | Description | Qty | Unit Price | Total |
|-------------|---------------------------|--------|------------|---------|
| 1104S | CLASS "A" CEMENT (SALE) | 290.00 | 17.6500 | 5118.50 |
| 1102 | CALCIUM CHLORIDE (50#) | 818.00 | .8900 | 728.02 |
| 1118B | PREMIUM GEL / BENTONITE | 545.00 | .2500 | 136.25 |
| 4432 | 8 5/8" WOODEN PLUG | 1.00 | 96.0000 | 96.00 |
| 1111 | SODIUM CHLORIDE (GRANULA) | 100.00 | .0000 | .00 |

| Sublet Performed | Description | Total |
|------------------|---------------------------|---------|
| 9996-130 | CEMENT MATERIAL DISCOUNT | -607.88 |
| 9995-130 | CEMENT EQUIPMENT DISCOUNT | -233.42 |

| Description | Hours | Unit Price | Total |
|---------------------------------|-------|------------|---------|
| 399 CEMENT PUMP (SURFACE) | 1.00 | 1085.00 | 1085.00 |
| 399 EQUIPMENT MILEAGE (ONE WAY) | 45.00 | 5.00 | 225.00 |
| 566 TON MILEAGE DELIVERY | 1.00 | 1024.20 | 1024.20 |

Surf. Cont

all ye
all KC

Amount Due 8917.52 if paid after 12/27/2012

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 6078.77 | Freight: | .00 | Tax: | 454.10 | AR | 8025.77 |
| Labor: | .00 | Misc: | .00 | Total: | 8025.77 | | |
| Sublt: | -841.30 | Supplies: | .00 | Change: | .00 | | |

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

TICKET NUMBER 39171
LOCATION Oakley, KS
FOREMAN Kelly Gabe

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY |
|-----------------|------------|----------------------------|----------|-----------------|-----------------|---------------|
| 11-23-12 | 4793 | Colbourn Tucker 1-18 | 18 | 18 ^s | 36 ^w | KS Cochise |
| CUSTOMER | | Marianthel | | | | |
| MAILING ADDRESS | | 6 1/2 S 1/2 W N into | | | | |
| CITY | | STATE | ZIP CODE | TRUCK # | DRIVER | TRUCK # |
| | | | | 599 | Damon H | |
| | | | | 566 | Talton L | |

JOB TYPE Surface HOLE SIZE 12 1/4 HOLE DEPTH 353 CASING SIZE & WEIGHT 8 5/8 21#
 CASING DEPTH 353 DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 148 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 30'
 DISPLACEMENT 21bb DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting, plugged up on Duke #4, hooked up to circulate, mixed 355com 390cc 290 gal, released plug & displaced with 21bb water, shut in, washed out pump lines rigged down.

Cement did circulate

APPROX. 7bb top of

Thank You Kelly & crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|--------------------|--------------------|
| 54015 | 1 | PUMP CHARGE | 1085 ⁰⁰ | 1085 ⁰⁰ |
| 5406 | 415 mi | MILEAGE | 5 ⁰⁰ | 225 ⁰⁰ |
| 11045 | 390 sks | class A Cement | 17 ⁵⁵ | 5118 ⁵⁰ |
| 1102 | 818 # | calcium chloride | 18 ⁹ | 728 ⁰³ |
| 1118B | 545 # | Bentonite | 25 | 136 ²⁵ |
| 5407A | 13.63 | Ton mileage delivery | 16 ⁷ | 1024 ³⁰ |
| 2432 | 1 | 8 5/8 Wooden Plug | 96 ⁰⁰ | 96 ⁰⁰ |
| 1111 | 100 # | sal-1- | 45 | NC |
| | | | | 8412 ⁹⁷ |
| | | As per bid | 2021099 disc | 8413 ⁰ |
| | | | | 7571 ⁴² |
| | | | SALES TAX | 454.10 |
| | | | ESTIMATED TOTAL | 8025.77 |

Ravin 3737

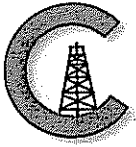
9:30 PM AUTHORIZATION Rich Wheeler

TITLE TP

DATE 11-23-12

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

254818



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE

Invoice # 255159

Invoice Date: 12/10/2012 Terms: 15/15/30,n/30 Page 1

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

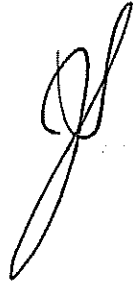
COLBURN TUCKER 1-18
39182 drilling AFE 12-260
18-18-35
12-06-2012 12-17-12 LK
KS

| Part Number | Description | Qty | Unit Price | Total |
|-------------|--------------------------|---------|------------|---------|
| 1126 | OIL WELL CEMENT | 260.00 | 22.5500 | 5863.00 |
| 1110A | KOL SEAL (50# BAG) | 1300.00 | .5600 | 728.00 |
| 1131 | 60/40 POZ MIX | 600.00 | 15.1000 | 9060.00 |
| 1118B | PREMIUM GEL / BENTONITE | 4128.00 | .2500 | 1032.00 |
| 1107 | FLO-SEAL (25#) | 150.00 | 2.8200 | 423.00 |
| 4104 | CEMENT BASKET 5 1/2" | 1.00 | 276.0000 | 276.00 |
| 4130 | CENTRALIZER 5 1/2" | 16.00 | 58.0000 | 928.00 |
| 4277 | DV TOOL SIZE 5 1/2" (STA | 1.00 | 4800.0000 | 4800.00 |
| 4454 | 5 1/2" LATCH DOWN PLUG | 1.00 | 567.0000 | 567.00 |
| 4159 | FLOAT SHOE AFU 5 1/2" | 1.00 | 413.0000 | 413.00 |
| 1144G | MUD FLUSH (SALE) | 500.00 | 1.0000 | 500.00 |

| Sublet Performed | Description | Total |
|------------------|---------------------------|----------|
| 9996-130 | CEMENT MATERIAL DISCOUNT | -3688.50 |
| 9995-130 | CEMENT EQUIPMENT DISCOUNT | -915.11 |

| Description | Hours | Unit Price | Total |
|---------------------------------|-------|------------|---------|
| 399 CEMENT PSI CHARGES | 1.00 | 3020.00 | 3020.00 |
| 399 EQUIPMENT MILEAGE (ONE WAY) | 45.00 | 5.00 | 225.00 |
| 460 TON MILEAGE DELIVERY | 1.00 | 1427.85 | 1427.85 |
| 566 TON MILEAGE DELIVERY | 1.00 | 1427.85 | 1427.85 |

al FC



al FC

Amount Due 32731.67 if paid after 01/09/2013

| | | | | | | | |
|--------|----------|-----------|-----|---------|----------|----|----------|
| Parts: | 24590.00 | Freight: | .00 | Tax: | 1734.82 | AR | 27821.91 |
| Labor: | .00 | Misc: | .00 | Total: | 27821.91 | | |
| Sublt: | -4603.61 | Supplies: | .00 | Change: | .00 | | |

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

AFE 12-260

TICKET NUMBER 39182
LOCATION Oakley, KS
FOREMAN Kelly Gabe

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

FIELD TICKET & TREATMENT REPORT
CEMENT

| DATE | CUSTOMER # | WELL NAME & NUMBER | SECTION | TOWNSHIP | RANGE | COUNTY | |
|-----------------|------------|---------------------|----------|----------|---------------------|--------------|--------|
| 12-6-12 | 4793 | Colburn Tucker #148 | 18 | 185 | 35 ^W | Wichita | |
| CUSTOMER | | Mapienka Rd 20 | | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRESS | | 6 1/2 S W into | | 399 | Jerry Y | | |
| CITY | | STATE | ZIP CODE | 566 | Travis W | | |
| Garden City | | KS | 67846 | 460 | Tim W | | |
| | | | | 528 | Jelmy (Philip) Phil | Ward old Lem | |

JOB TYPE 2-stage (vrod) HOLE SIZE 2 1/8 HOLE DEPTH 5350 CASING SIZE & WEIGHT E 5 1/2 14 #
CASING DEPTH 5119 DRILL PIPE _____ TUBING DV Top # 57 OTHER DV @ 2368
SLURRY WEIGHT 192-125 SLURRY VOL 1.32-1.89 WATER gal/sk _____ CEMENT LEFT in CASING 22' (shoe)
DISPLACEMENT 124.3 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: safety meeting ran float equip on J+ cent 123, 119, 116, 113, 110, 107, 104, 101, 98, 95, 92, 89, 86, 83, 80, 56, basket on bottom #57 DV top #57 finished running pipe to bottom, rigged up & circulated for 1/2 hrs, pumped 5 bbl water, mud flush, 5 bbl water, mixed 260 SKS OWC 5# Kol-seal, released plug & displaced with 60 bbl water & 67 bbl mud with lift pressure 1100# plug landed @ 1500#, dropped DV bomb, opened tool & circulated for 3 hrs, mixed 30 SKS RH 570 SKS 60/40 Poz 890 gal 1/4# flo-seal, released plug & displaced with 57 bbl water with 1# of 20# plug landed @ 1500#, released pressure, float held, washed pump & lines rigged down. APPROX 20 bbl top it cement did circulate. *Thank you Kelly Gabe*

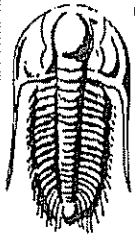
| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|-----------------|----------|
| 5401P | 1 | PUMP CHARGE | 3020.00 | 3020.00 |
| 5406 | 45 mi | MILEAGE | 5.00 | 225.00 |
| 1126 | 260 SKS | OWC | 22.55 | 5863.00 |
| 110A | 1300# | Kol-seal | 1.56 | 2028.00 |
| 1131 | 600 SKS | 60/40 Poz | 15.10 | 9060.00 |
| 1118B | 4128# | Bentonite | 1.25 | 5160.00 |
| 1107 | 150# | Flo-seal | 2.83 | 424.50 |
| 5407A | 38 | Ton mileage delivery | 1.67 | 634.60 |
| 41104 | 1 | 5 1/2 basket (w) | 276.00 | 276.00 |
| 4130 | 16 | 5 1/2 Centralizer (I) | 58.00 | 928.00 |
| 41277 | 1 | 5 1/2 DV Tool (w) | 4800.00 | 4800.00 |
| 41454 | 1 | 5 1/2 lockdown w/ Plug (w) | 567.00 | 567.00 |
| 41159 | 1 | 5 1/2 AFU float shoe (I) | 413.00 | 413.00 |
| 11446 | 500 gal | mud flush | 1.00 | 500.00 |
| AS PER Bid | | | | 30690.70 |
| | | | | 4603.61 |
| | | | | 26087.09 |
| | | | SALES TAX | 1734.82 |
| | | | ESTIMATED TOTAL | 27821.91 |

Revin 3737

AUTHORIZATION 2:00 AM Tony Karli TITLE Supervisor DATE 12-7-12

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

255159



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 49847 DST#: 1

ATTN: Tim Lauer

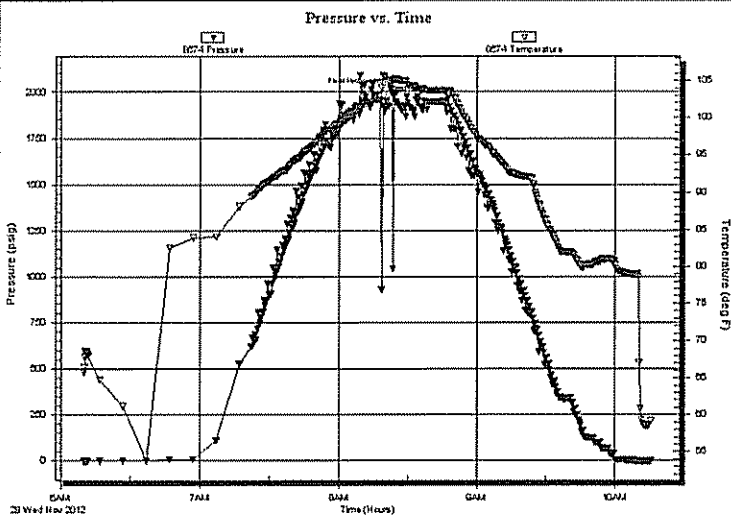
Test Start: 2012.11.28 @ 10:09:55

GENERAL INFORMATION:

Formation: LCK "B"
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 12:19:00
 Tester: Tate Lang
 Time Test Ended: 14:15:40
 Unit No: 58
 Interval: 4062.00 ft (KB) To 4080.00 ft (KB) (TVD)
 Reference Elevations: 3202.00 ft (KB)
 Total Depth: 4080.00 ft (KB) (TVD)
 3193.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 9.00 ft

Serial #: 8674 Inside
 Press@RunDepth: psig @ 4063.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.11.28 End Date: 2012.11.28 Last Calib.: 2012.11.28
 Start Time: 06:10:00 End Time: 10:15:40 Time On Btm: 2012.11.28 @ 08:18:10
 Time Off Btm: 2012.11.28 @ 08:23:55

TEST COMMENT: IF-Packer Failure.
 IS-
 FF-
 FSI-



PRESSURE SUMMARY

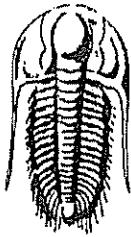
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1952.09 | 102.44 | Initial Hydro-static |
| 6 | 1998.49 | 105.19 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 250.00 | 100%M | 3.51 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 49847

DST#: 1

ATTN: Tim Lauer

Test Start: 2012.11.28 @ 10:09:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 250.00 | 100%M | 3.507 |

Total Length: 250.00 ft

Total Volume: 3.507 bbl

Num Fluid Samples: 0

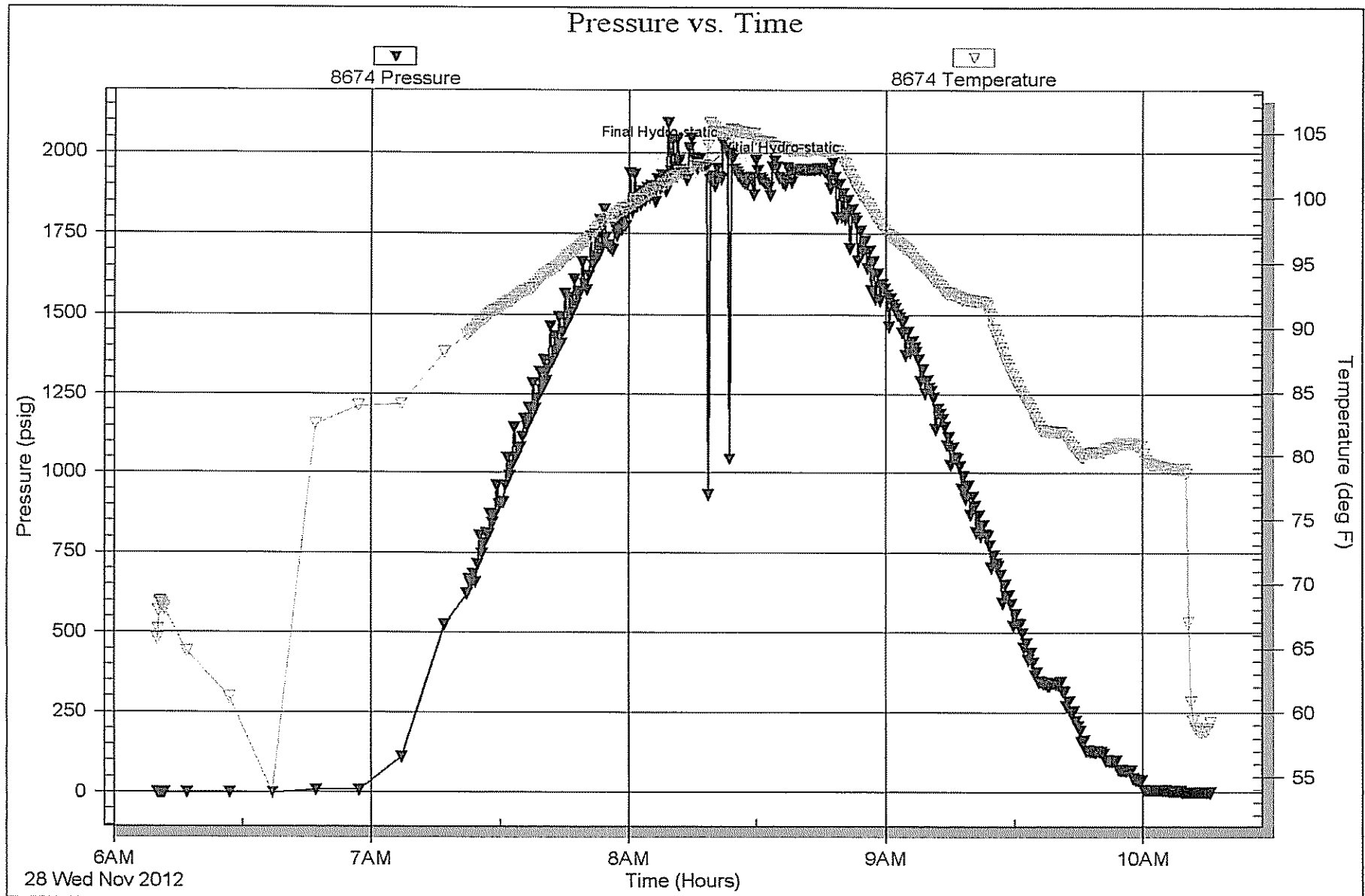
Num Gas Bombs: 0

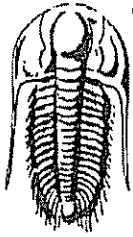
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 48947

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.11.28 @ 14:35:25

GENERAL INFORMATION:

Formation: LKC "B"

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:22:10

Time Test Ended: 21:10:25

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 58

Interval: 4048.00 ft (KB) To 4080.00 ft (KB) (TVD)

Total Depth: 4080.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3202.00 ft (KB)

3193.00 ft (CF)

KB to GRVCF: 9.00 ft

Serial #: 8674

Inside

Press@RunDepth: 157.19 psig @ 4049.00 ft (KB)

Start Date: 2012.11.28

End Date:

2012.11.28

Start Time: 14:35:30

End Time:

21:10:24

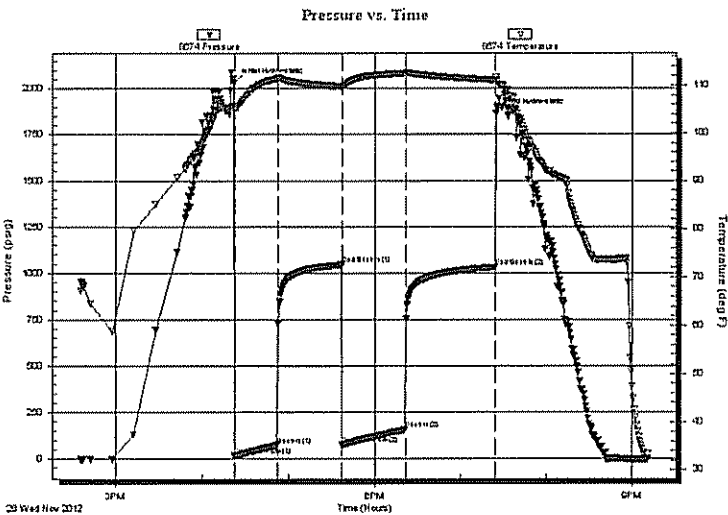
Capacity: 8000.00 psig

Last Calib.: 2012.11.28

Time On Btm: 2012.11.28 @ 16:21:55

Time Off Btm: 2012.11.28 @ 19:24:55

TEST COMMENT: IF-Fair blow built to 6 in.
ISI-Dead no return
FF-Fair blow built to 4in.
FSI-Dead no return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2031.35 | 105.76 | Initial Hydro-static |
| 1 | 14.92 | 105.00 | Open To Flow (1) |
| 30 | 74.08 | 111.40 | Shut-In(1) |
| 75 | 1045.06 | 109.76 | End Shut-In(1) |
| 75 | 75.64 | 109.30 | Open To Flow (2) |
| 120 | 157.19 | 112.57 | Shut-In(2) |
| 183 | 1031.13 | 111.12 | End Shut-In(2) |
| 183 | 1865.23 | 111.34 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 248.00 | 5%M 95%W | 3.48 |
| 134.00 | 15%M 85%W | 1.88 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 48947

DST#: 2

ATTN: Tim Lauer

Test Start: 2012.11.28 @ 14:35:25

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 7.20 in³

Resistivity: ohm.m

Salinity: 3600.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API: deg API

Water Salinity: 45000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 248.00 | 5%M 95%W | 3.479 |
| 134.00 | 15%M 85%W | 1.880 |

Total Length: 382.00 ft Total Volume: 5.359 bbl

Num Fluid Samples: 0

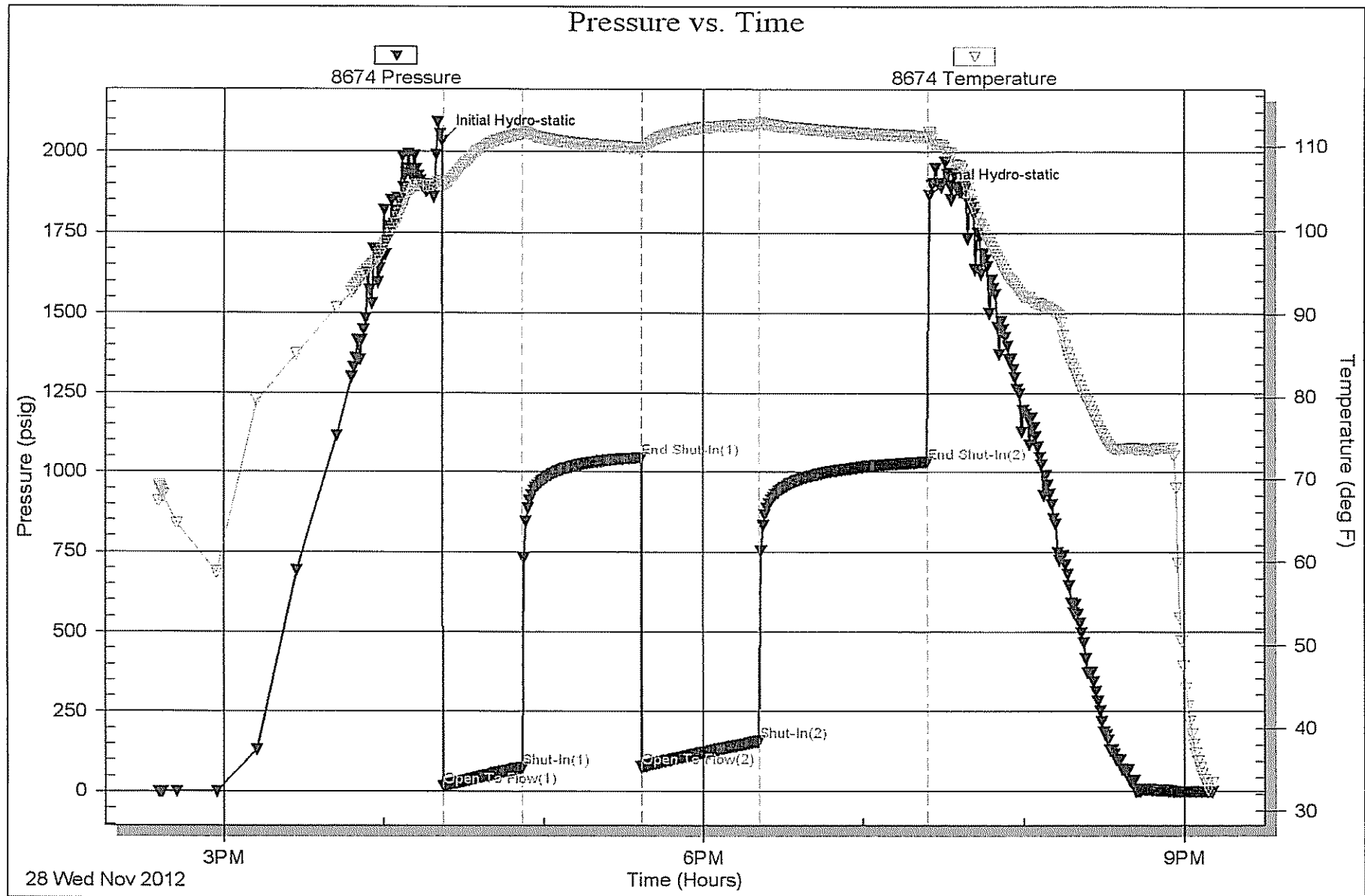
Num Gas Bombs: 0

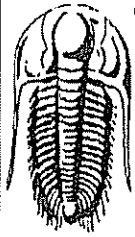
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API RW .201 @ 55F = 45000





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51254

DST#: 3

ATTN: Tim Lauer

Test Start: 2012.11.29 @ 20:22:00

GENERAL INFORMATION:

Formation: **Lansing "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 22:10:45

Time Test Ended: 02:58:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Tate Lang

Unit No: 58

Interval: **4258.00 ft (KB) To 4290.00 ft (KB) (TVD)**

Reference Elevations: 3202.00 ft (KB)

Total Depth: 4290.00 ft (KB) (TVD)

3193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 9.00 ft

Serial #: 8674

Inside

Press@RunDepth: 17.94 psig @ 4259.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.11.29

End Date:

2012.11.30

Last Calib.: 2012.11.30

Start Time: 20:22:05

End Time:

02:58:14

Time On Btm: 2012.11.29 @ 22:10:30

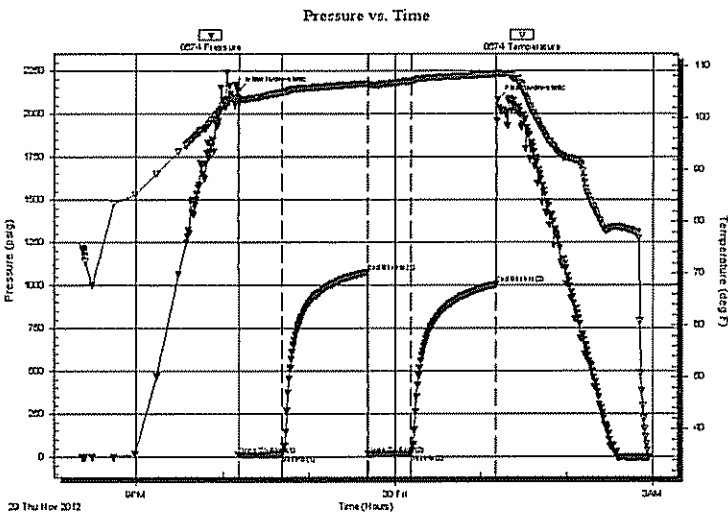
Time Off Btm: 2012.11.30 @ 01:12:00

TEST COMMENT: IF: 1/4" blow.

IS: No return.

FF: No blow.

FSI: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2135.35 | 103.93 | Initial Hydro-static |
| 1 | 12.02 | 102.58 | Open To Flow (1) |
| 31 | 14.93 | 104.88 | Shut-In(1) |
| 91 | 1076.29 | 106.61 | End Shut-In(1) |
| 91 | 15.63 | 106.18 | Open To Flow (2) |
| 121 | 17.94 | 107.10 | Shut-In(2) |
| 181 | 1005.37 | 108.36 | End Shut-In(2) |
| 182 | 2081.13 | 108.54 | Final Hydro-static |

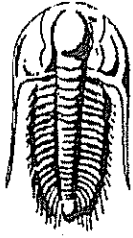
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 15.00 | Mud 100m | 0.21 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51254

DST#: 3

ATTN: Tim Lauer

Test Start: 2012.11.29 @ 20:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 62.00 sec/qt

Water Loss: 9.59 in³

Resistivity: 0.00 ohm.m

Salinity: 8000.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: ppm

deg API

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 15.00 | Mud 100m | 0.210 |

Total Length: 15.00 ft Total Volume: 0.210 bbl

Num Fluid Samples: 0

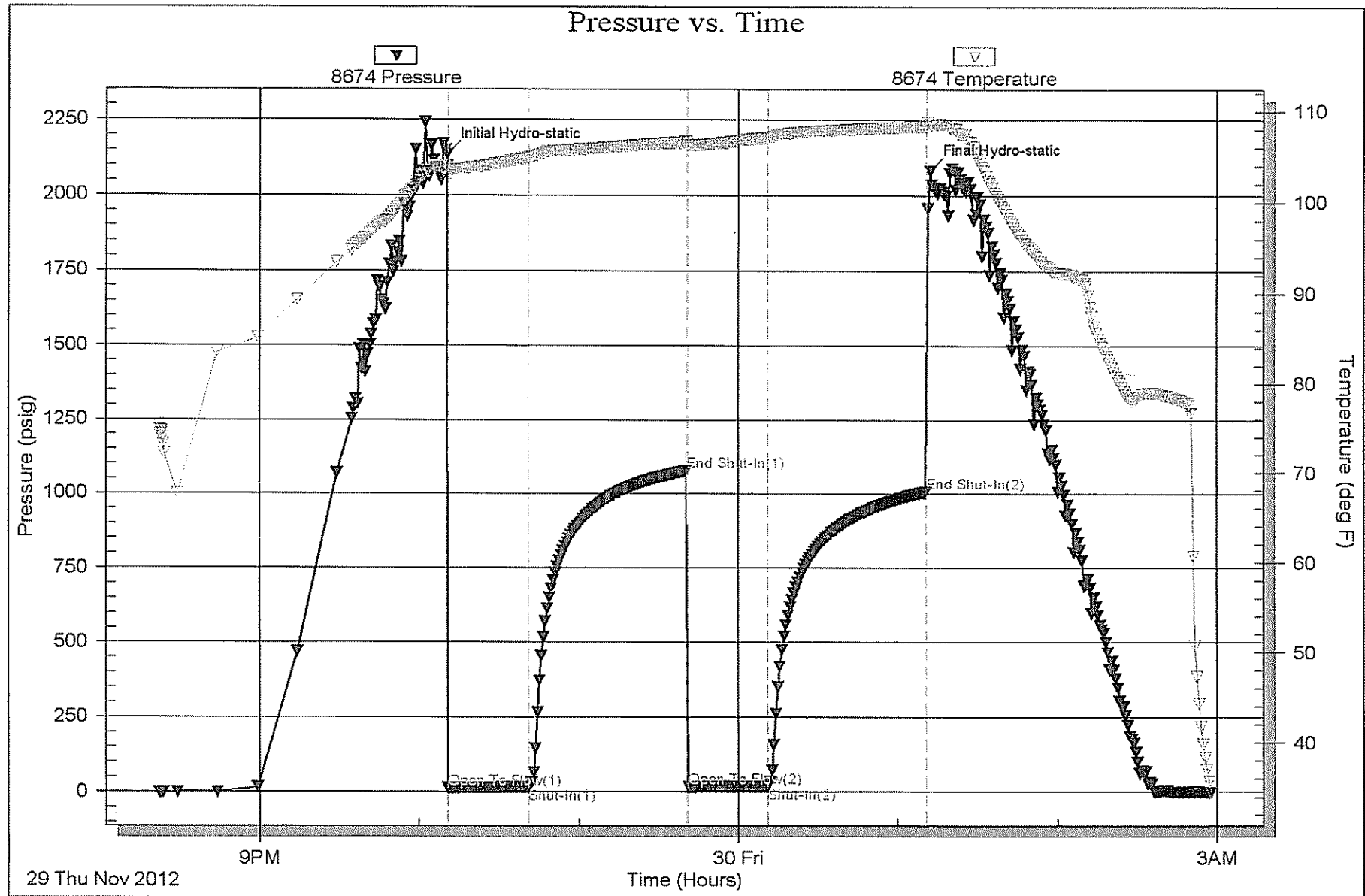
Num Gas Bombs: 0

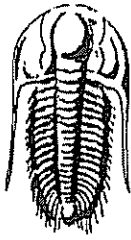
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51255

DST#: 4

ATTN: Tim Lauer

Test Start: 2012.11.30 @ 13:48:00

GENERAL INFORMATION:

Formation: **Lansing "K"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:23:15

Time Test Ended: 20:54:15

Interval: **4329.00 ft (KB) To 4366.00 ft (KB) (TVD)**

Total Depth: **4366.00 ft (KB) (TVD)**

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

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

Tester: **Sam Esparza**

Unit No: **58**

Reference Elevations: **3202.00 ft (KB)**

3193.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8674**

Inside

Press@RunDepth: **873.99 psig @ 4330.00 ft (KB)**

Start Date: **2012.11.30**

End Date: **2012.11.30**

Start Time: **13:48:05**

End Time: **20:54:14**

Capacity: **8000.00 psig**

Last Calib.: **2012.11.30**

Time On Btm: **2012.11.30 @ 15:23:00**

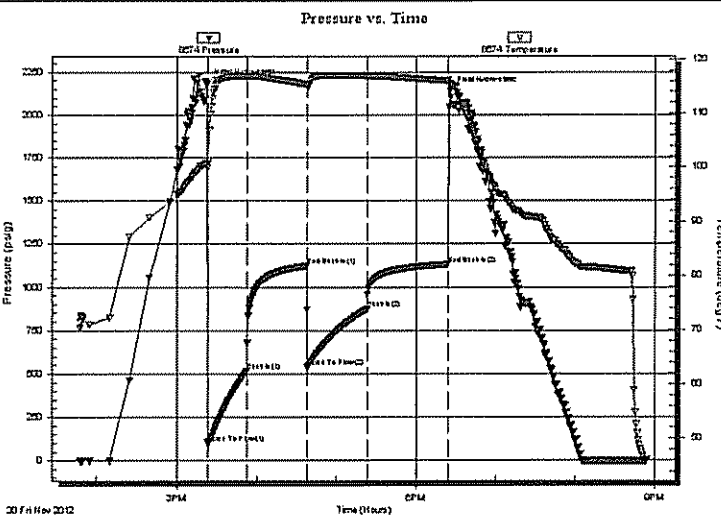
Time Off Btm: **2012.11.30 @ 18:25:15**

TEST COMMENT: IF: BOB @ 2 min.

IS: No return.

FF: BOB @ 3 min.

FSI: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2182.81 | 100.64 | Initial Hydro-static |
| 1 | 102.60 | 99.94 | Open To Flow (1) |
| 30 | 514.94 | 116.93 | Shut-In(1) |
| 75 | 1124.28 | 115.44 | End Shut-In(1) |
| 76 | 539.29 | 115.14 | Open To Flow (2) |
| 120 | 873.99 | 116.95 | Shut-In(2) |
| 181 | 1132.81 | 116.02 | End Shut-In(2) |
| 183 | 2137.27 | 115.37 | Final Hydro-static |

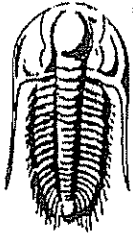
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1575.00 | MW 10m 90w | 22.09 |
| 380.00 | WM 40w 60m | 5.33 |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51255

DST#: 4

ATTN: Tim Lauer

Test Start: 2012.11.30 @ 13:48:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 58.00 sec/qt
Water Loss: 9.59 in³
Resistivity: 0.00 ohm.m
Salinity: 11000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 1575.00 | MW 10m 90w | 22.093 |
| 380.00 | WM 40w 60m | 5.330 |

Total Length: 1955.00 ft Total Volume: 27.423 bbl

Num Fluid Samples: 0

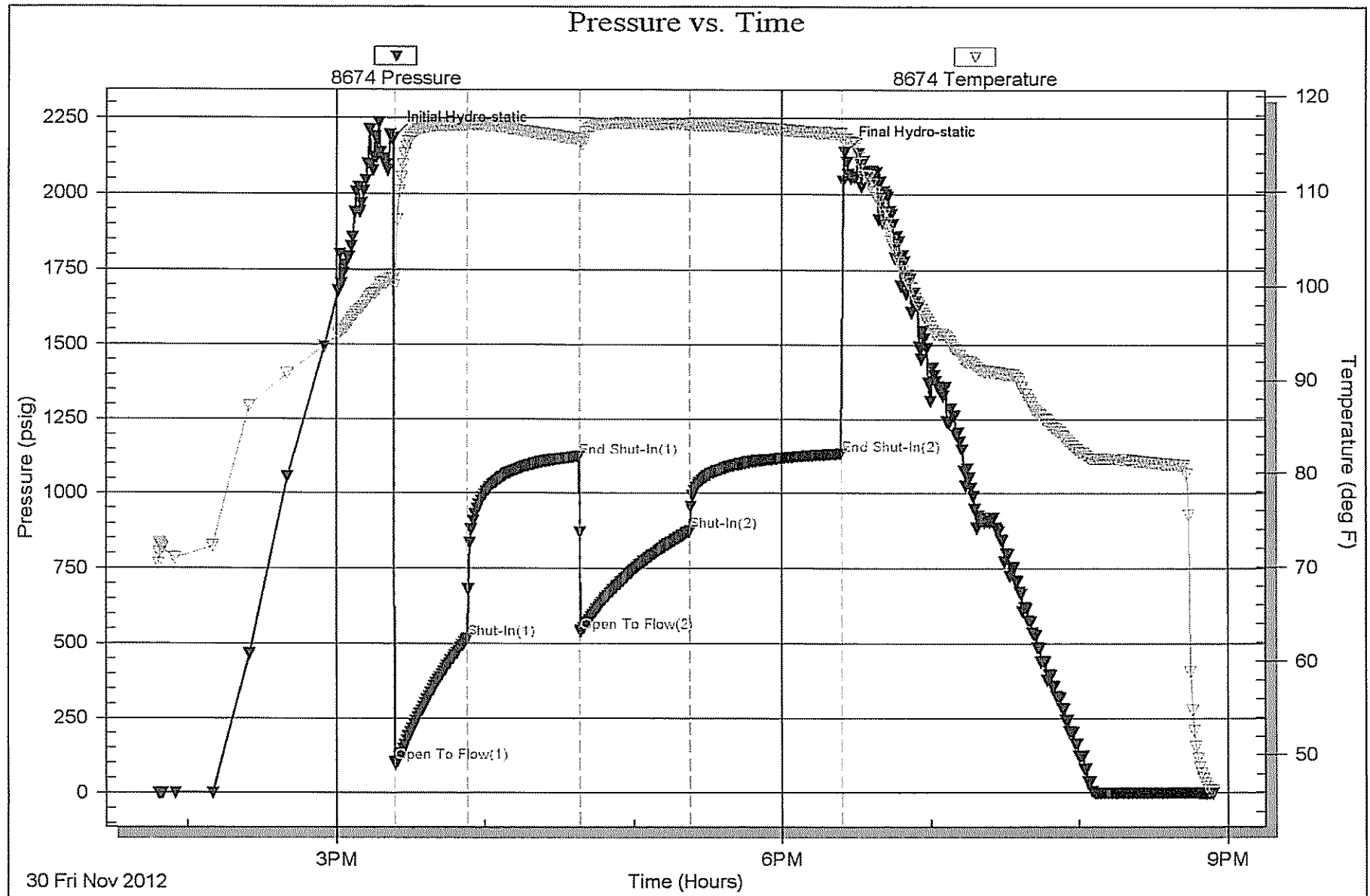
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: RW: .230 @ 48 degrees= 45,000 ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

ATTN: Tim Lauer

Job Ticket: 51256

DST#: 5

Test Start: 2012.12.01 @ 15:57:00

GENERAL INFORMATION:

Formation: **Marmaton A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:59:15

Time Test Ended: 02:29:30

Interval: **4500.00 ft (KB) To 4540.00 ft (KB) (TVD)**

Total Depth: **4540.00 ft (KB) (TVD)**

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

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

Tester: **Sam Esparza**

Unit No: **58**

Reference Elevations: **3202.00 ft (KB)**

3193.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: 8674

Inside

Press@RunDepth: **995.26 psig @ 4501.00 ft (KB)**

Start Date: **2012.12.01** End Date: **2012.12.02**

Start Time: **15:57:05** End Time: **02:29:30**

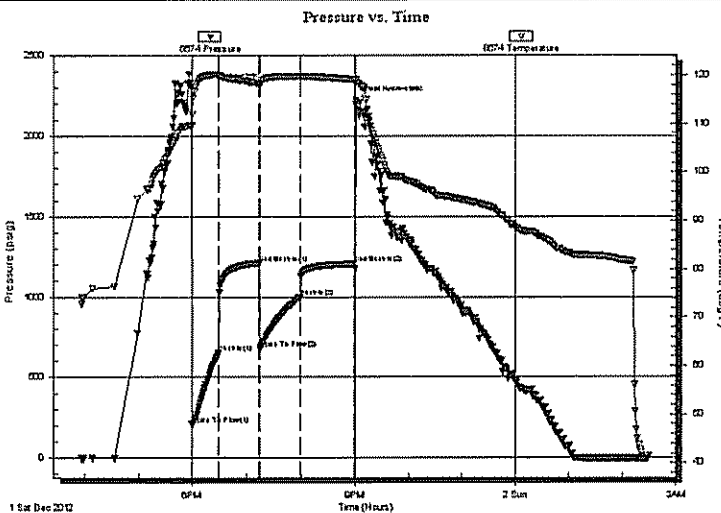
Capacity: **8000.00 psig**

Last Calib.: **2012.12.02**

Time On Btm: **2012.12.01 @ 17:58:45**

Time Off Btm: **2012.12.01 @ 21:01:15**

TEST COMMENT: IF: BOB @ 1 min.
IS: BOB return @ 21 min.
FF: BOB immediatly.
FS: BOB return @ 20 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2299.19 | 109.78 | Initial Hydro-static |
| 1 | 208.89 | 109.55 | Open To Flow (1) |
| 30 | 649.86 | 119.99 | Shut-In(1) |
| 75 | 1210.46 | 118.37 | End Shut-In(1) |
| 76 | 673.52 | 118.13 | Open To Flow (2) |
| 120 | 995.26 | 119.74 | Shut-In(2) |
| 181 | 1207.24 | 119.09 | End Shut-In(2) |
| 183 | 2222.75 | 119.00 | Final Hydro-static |

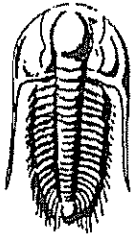
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 1890.00 | GO 40g 60o | 26.51 |
| 1090.00 | GO 45g 55o | 15.29 |
| 0.00 | 1070' GIP | 0.00 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51256

DST#: 5

ATTN: Tim Lauer

Test Start: 2012.12.01 @ 15:57:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 61.00 sec/qt
Water Loss: 11.99 in³
Resistivity: 0.00 ohm.m
Salinity: 13000.00 ppm
Filter Cake: 2.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 31 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 1890.00 | GO 40g 60o | 26.512 |
| 1090.00 | GO 45g 55o | 15.290 |
| 0.00 | 1070' GIP | 0.000 |

Total Length: 2980.00 ft Total Volume: 41.802 bbl

Num Fluid Samples: 0

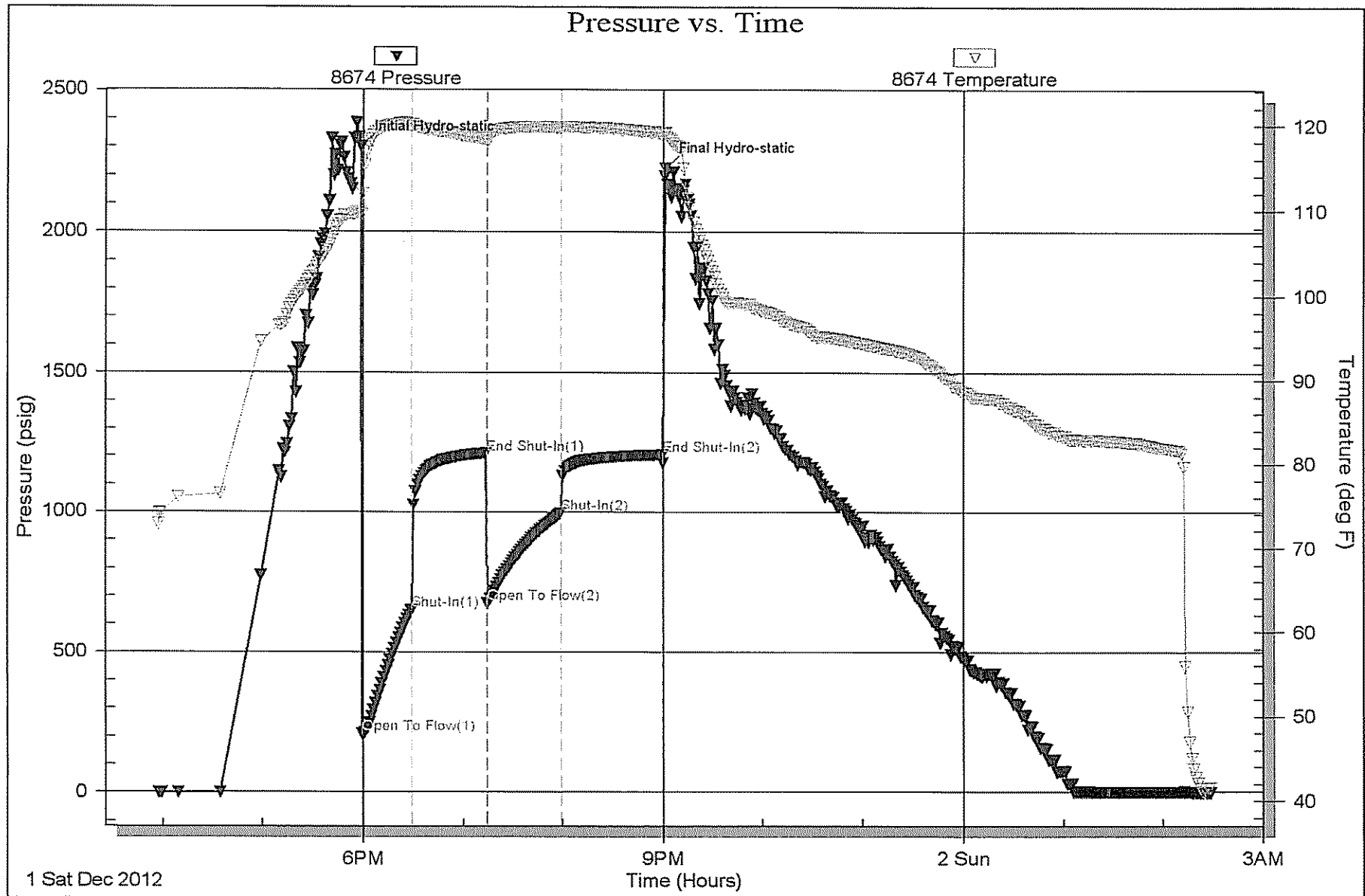
Num Gas Bombs: 0

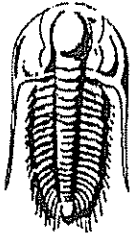
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 29 @ 40 degrees= 31 API





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

ATTN: Tim Lauer

Job Ticket: 51257

DST#: 6

Test Start: 2012.12.02 @ 11:43:00

GENERAL INFORMATION:

Formation: **Marmaton B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:30:00

Time Test Ended: 18:12:45

Interval: 4539.00 ft (KB) To 4560.00 ft (KB) (TVD)

Total Depth: 4560.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Boltom Hole (Reset)

Tester: Sam Esparza

Unit No: 58

Reference Elevations: 3202.00 ft (KB)

3193.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8674

Inside

Press@RunDepth: 13.27 psig @ 4540.00 ft (KB)

Start Date: 2012.12.02

End Date:

2012.12.02

Start Time: 11:43:05

End Time:

18:12:44

Capacity: 8000.00 psig

Last Calib.: 2012.12.02

Time On Blm: 2012.12.02 @ 13:29:45

Time Off Blm: 2012.12.02 @ 16:32:00

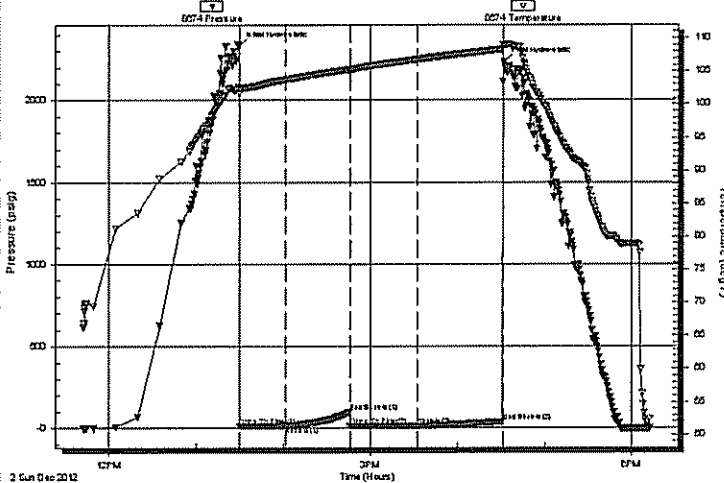
TEST COMMENT: IF: Weak surface blow.

IS: No return.

FF: No blow.

FSI: No return.

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2332.26 | 102.62 | Initial Hydro-static |
| 1 | 12.37 | 101.57 | Open To Flow (1) |
| 32 | 15.66 | 103.71 | Shut-in(1) |
| 76 | 98.57 | 105.29 | End Shut-in(1) |
| 76 | 12.82 | 105.27 | Open To Flow (2) |
| 123 | 13.27 | 106.79 | Shut-in(2) |
| 182 | 38.98 | 108.30 | End Shut-in(2) |
| 183 | 2233.33 | 108.98 | Final Hydro-static |

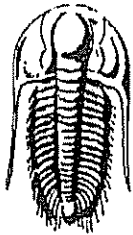
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|----------------------|--------------|
| 5.00 | Mud (oil spots) 100m | 0.07 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51257

DST#: 6

ATTN: Tim Lauer

Test Start: 2012.12.02 @ 11:43:00

Mud and Cushion Information

| | | | |
|----------------------------------|----------------------------|-----------------|---------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: | deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: | ppm |
| Viscosity: 75.00 sec/qt | Cushion Volume: bbl | | |
| Water Loss: 7.99 in ³ | Gas Cushion Type: | | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | | |
| Salinity: 15000.00 ppm | | | |
| Filter Cake: 1.00 inches | | | |

Recovery Information

Recovery Table

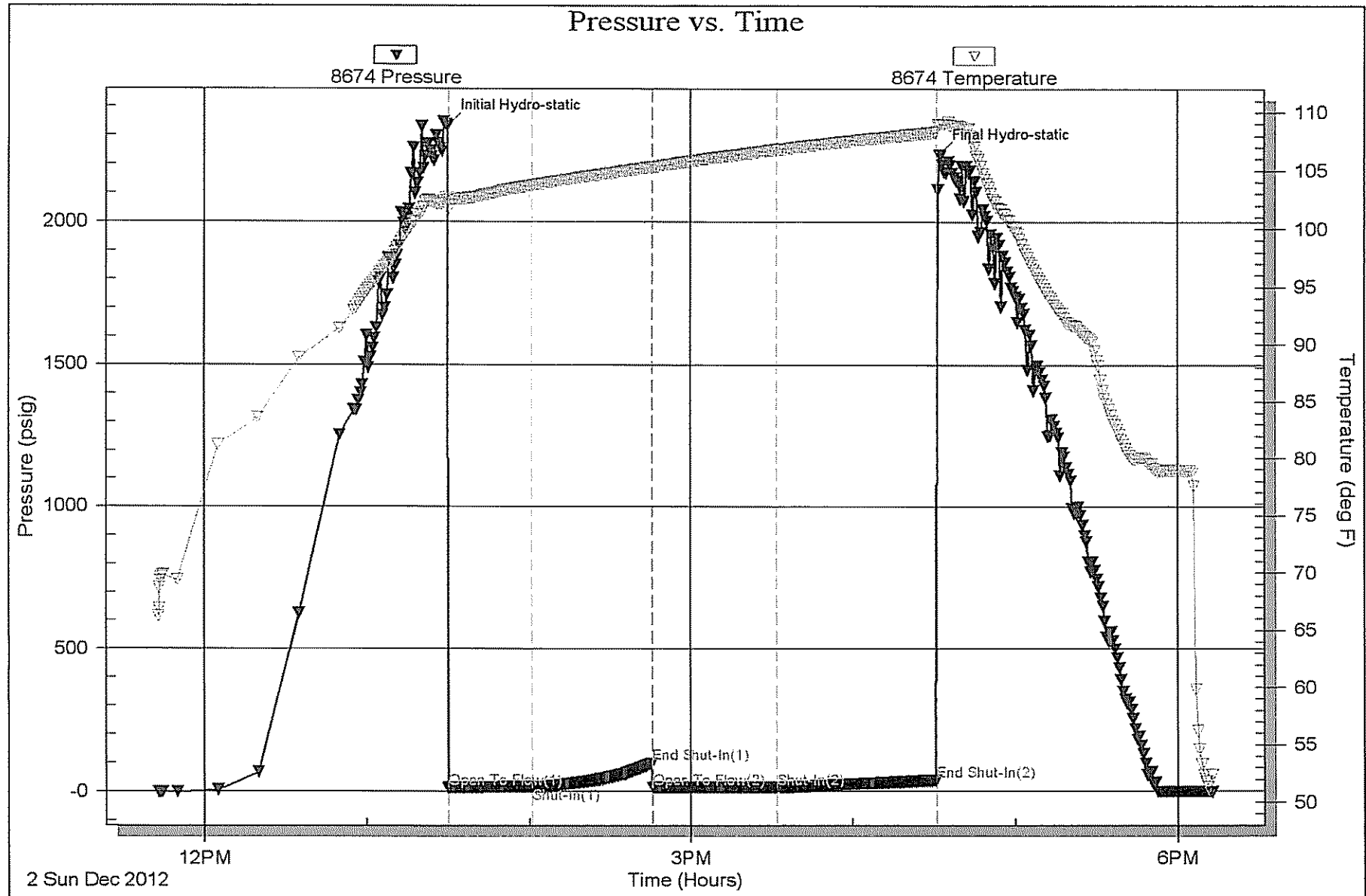
| Length ft | Description | Volume bbl |
|--------------|----------------------|---------------|
| 5.00 | Mud (oil spots) 100m | 0.070 |

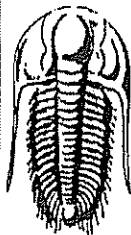
Total Length: 5.00 ft Total Volume: 0.070 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

ATTN: Tim Lauer

Job Ticket: 51258

DST#: 7

Test Start: 2012.12.03 @ 05:37:00

GENERAL INFORMATION:

Formation: Pawnee

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 08:20:00

Time Test Ended: 13:50:15

Interval: 4590.00 ft (KB) To 4617.00 ft (KB) (TVD)

Total Depth: 4617.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 58

Reference Elevations: 3202.00 ft (KB)

3193.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8674

Inside

Press@RunDepth: 146.43 psig @ 4591.00 ft (KB)

Start Date: 2012.12.03

End Date:

2012.12.03

Start Time: 05:37:05

End Time:

13:50:14

Capacity: 8000.00 psig

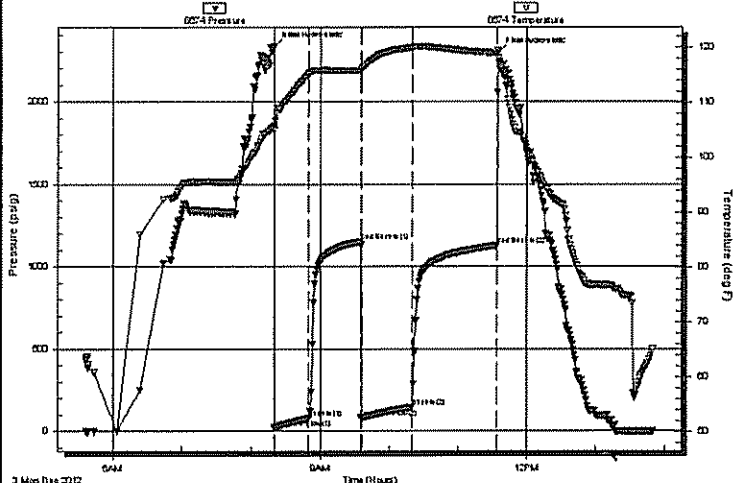
Last Calib.: 2012.12.03

Time On Btm: 2012.12.03 @ 08:19:45

Time Off Btm: 2012.12.03 @ 11:35:30

TEST COMMENT: IF: BOB @ 16 min.
IS: 1 1/4" return.
FF: BOB @ 13 min.
FSI: 3" return.

Pressure vs. Time



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2336.19 | 105.68 | Initial Hydro-static |
| 1 | 21.07 | 105.04 | Open To Flow (1) |
| 30 | 78.01 | 115.13 | Shut-In(1) |
| 75 | 1152.36 | 115.71 | End Shut-In(1) |
| 76 | 81.68 | 115.55 | Open To Flow (2) |
| 120 | 146.43 | 119.91 | Shut-In(2) |
| 195 | 1126.86 | 118.84 | End Shut-In(2) |
| 196 | 2300.30 | 118.00 | Final Hydro-static |

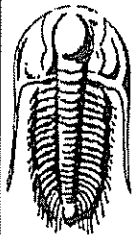
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------|--------------|
| 120.00 | OMCW 5o 10m 85w | 1.68 |
| 60.00 | GOWCM 10g 10o 20w 60m | 0.84 |
| 60.00 | GOCM 10g 10o 80m | 0.84 |
| 60.00 | GO 20g 80o | 0.84 |
| 0.00 | 180' GIP | 0.00 |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

18-19S-35W-Wichita KS

301 S Market
Wichita KS 67202

Colburn Tucker #1-18

Job Ticket: 51258 DST#: 7

ATTN: Tim Lauer

Test Start: 2012.12.03 @ 05:37:00

Mud and Cushion Information

| | | |
|----------------------------------|----------------------------|---------------------|
| Mud Type: Gel Chem | Cushion Type: | Oil API: 26 deg API |
| Mud Weight: 9.00 lb/gal | Cushion Length: ft | Water Salinity: ppm |
| Viscosity: 75.00 sec/qt | Cushion Volume: bbl | |
| Water Loss: 7.99 in ³ | Gas Cushion Type: | |
| Resistivity: 0.00 ohm.m | Gas Cushion Pressure: psig | |
| Salinity: 15000.00 ppm | | |
| Filter Cake: 1.00 inches | | |

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------|---------------|
| 120.00 | OMCW 5o 10m 85w | 1.683 |
| 60.00 | GOWCM 10g 10o 20w 60m | 0.842 |
| 60.00 | GOCM 10g 10o 80m | 0.842 |
| 60.00 | GO 20g 80o | 0.842 |
| 0.00 | 180' GIP | 0.000 |

Total Length: 300.00 ft Total Volume: 4.209 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments: Oil API: 26 @ 60 degrees= 26 API
RW: .101 @ 64 degrees= 79,000 ppm

