

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 # 262621

Invoice Date: 09/26/2013 Terms: 10/10/30,n/30

Page 1

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

COLLINGWOOD UNIT #1-1S
44343
15-19-33W
09-24-2013
KS

drilling APC 13-259
SURFACE PIPE
9-30-13 KK

| Part Number | Description | Qty | Unit Price | Total |
|-------------|-------------------------|--------|------------|---------|
| 1104S | CLASS "A" CEMENT (SALE) | 210.00 | 18.5500 | 3895.50 |
| 1102 | CALCIUM CHLORIDE (50#) | 592.00 | .9400 | 556.48 |
| 1118B | PREMIUM GEL / BENTONITE | 395.00 | .2700 | 106.65 |

| Sublet Performed | Description | Total |
|------------------|---------------------------|---------|
| 9996-130 | CEMENT MATERIAL DISCOUNT | -455.86 |
| 9995-130 | CEMENT EQUIPMENT DISCOUNT | -205.32 |

| Description | Hours | Unit Price | Total |
|---------------------------------|-------|------------|---------|
| 399 CEMENT PUMP (SURFACE) | 1.00 | 1150.00 | 1150.00 |
| 399 EQUIPMENT MILEAGE (ONE WAY) | 40.00 | 5.25 | 210.00 |
| 566 TON MILEAGE DELIVERY | 1.00 | 693.20 | 693.20 |

all JC
OCT 1 2013
JC

Amount Due 6983.35 if paid after 10/26/2013

| | | | | | | | |
|--------|---------|-----------|-----|---------|---------|----|---------|
| Parts: | 4558.63 | Freight: | .00 | Tax: | 334.37 | AR | 6285.02 |
| Labor: | .00 | Misc: | .00 | Total: | 6285.02 | | |
| Sublt: | -661.18 | Supplies: | .00 | Change: | .00 | | |

Signed _____

Date _____



CONSOLIDATED
Oil Well Services, LLC

262621

TICKET NUMBER 44343
LOCATION OAKLEY KS.
FOREMAN FUZZY
DAMON M. EDWARDS

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 |
|-----------------------------|------------|---|---------------|----------|---------|--------|
| 9-24-13 | 4793 | COLLINGSWOOD UNIT #1 | 15 | 19 | 33W | Scott |
| CUSTOMER LARIO OIL & GAS | | SCOTT 5 to 90 RD W5 N 1/2 E1/4 | TRUCK # | DRIVER | TRUCK # | DRIVER |
| MAILING ADDRESS | | | 399 | TIM W | | |
| CITY | | | 566 | JEREMYS | | |
| STATE | | | RIDE ALONG EA | | | |
| ZIP CODE | | | | | | |

JOB TYPE SURFACE HOLE SIZE 12 1/4 HOLE DEPTH 407 CASING SIZE & WEIGHT 9 5/8 32.3#
CASING DEPTH 407 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 30'
DISPLACEMENT 29 1/2 DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: SAFETY MEETING RIG UP ON VAL #7 MIX 210SKS CLASS A 3%ACC
29 gal Displace 25 1/2 BBL and shut in

Cement did circulate approx 2 BBL to pit

Thanks Fuzzy & Damon
& crew

| ACCOUNT CODE | QUANTITY or UNITS | DESCRIPTION of SERVICES or PRODUCT | UNIT PRICE | TOTAL |
|--------------|-------------------|------------------------------------|------------|-----------|
| 54015 | 1 | PUMP CHARGE | 1150.00 | 1150.00 ✓ |
| 5406 | 40 | MILEAGE | 5.25 | 210.00 ✓ |
| 5407A | 9.9 ton | TON MILEAGE DELIVERY | 1.75 | 693.20 ✓ |
| 11045 | 210 SKS | CLASS A CEMENT | 18.55 | 3895.50 ✓ |
| 1102 | 592# | CALCIUM CHLORIDE | 1.94 | 556.48 ✓ |
| 1118B | 395# | BETONITE | 1.27 | 106.65 ✓ |
| | | Subtotal | | 6611.83 ✓ |
| | | less 10% discount | | 661.18 ✓ |
| | | Subtotal | | 5950.65 |
| | | 8.15% SALES TAX | | 334.37 ✓ |
| | | ESTIMATED TOTAL | | 6285.02 ✓ |

completed

Ravin 3737

AUTHORIZATION Jose Rios TITLE _____ DATE _____

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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 139135
Invoice Date: Oct 9, 2013
Page: 1

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

Now Includes:



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

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Lario | 61147 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Oct 9, 2013 | 11/8/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|-------------------------------|------------|----------|
| 1.00 | WELL NAME | Collingwood Unit #1 -15 | | |
| 175.00 | CEMENT MATERIALS | ASC drilling AFE 13 259 | 20.90 | 3,657.50 |
| 265.00 | CEMENT MATERIALS | AMD | 25.90 | 6,863.50 |
| 49.00 | CEMENT MATERIALS | FL-160 10-22-13 LK | 18.90 | 926.10 |
| 25.00 | CEMENT MATERIALS | Defoamer | 9.80 | 245.00 |
| 66.00 | CEMENT MATERIALS | Flo Seal | 2.97 | 196.02 |
| 875.00 | CEMENT MATERIALS | Gilsonite | 0.98 | 857.50 |
| 12.00 | CEMENT MATERIALS | WFR-2 | 58.70 | 704.40 |
| 534.27 | CEMENT SERVICE | Cubic Feet | 2.48 | 1,324.99 |
| 1,159.50 | CEMENT SERVICE | Ton Mileage | 2.60 | 3,014.70 |
| 1.00 | CEMENT SERVICE | Production -- Bottom Stage | 2,765.75 | 2,765.75 |
| 1.00 | CEMENT SERVICE | Production -- Top Stage | 2,406.25 | 2,406.25 |
| 55.00 | CEMENT SERVICE | Pump Truck Mileage | 7.70 | 423.50 |
| 1.00 | CEMENT SERVICE | Manifold Head Rental | 275.00 | 275.00 |
| 55.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 242.00 |
| 1.00 | EQUIPMENT SALES | 7 in AFU Float Shoe | 398.00 | 398.00 |
| 1.00 | EQUIPMENT SALES | 7 in Latch Down Plug Assembly | 848.40 | 848.40 |
| 1.00 | EQUIPMENT SALES | 7 in D V Tool | 5,315.00 | 5,315.00 |
| 1.00 | EQUIPMENT SALES | 7 in Basket | 187.10 | 187.10 |
| 18.00 | EQUIPMENT SALES | 7 in Centralizer | 32.80 | 590.40 |
| 1.00 | EQUIPMENT OPERATOR | Paul Beaver | | |

Handwritten signatures and dates: "OCT 23" and "4C" are visible on the invoice.

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

\$ 8,365.77

ONLY IF PAID ON OR BEFORE Nov 3, 2013

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



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 139135
Invoice Date: Oct 9, 2013
Page: 2

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 |

Now Includes:



| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Lario | 61147 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Oct 9, 2013 | 11/8/13 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|--------------------|------------|--------|
| 1.00 | EQUIPMENT OPERATOR | Tyler Flipse | | |
| 1.00 | OPERATOR ASSISTANT | Chris Helpingstine | | |

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

\$ 8,365.77

ONLY IF PAID ON OR BEFORE

Nov 3, 2013

| | |
|------------------------|------------------|
| Subtotal | 31,241.11 |
| Sales Tax | 1,694.30 |
| Total Invoice Amount | 32,935.41 |
| Payment/Credit Applied | |
| TOTAL | 32,935.41 |

ALLIED OIL & GAS SERVICES, LLC 061147

Federal Tax I.D. # 20-8651475

REMIT TO P.O. BOX 93999
SOUTHLAKE, TEXAS 76092

SERVICE POINT:
Calley KS

| | | | | | | | |
|--------------------------------|---------------|---------------|-----------------|--|-------------------------------|---------------------------------------|--|
| DATE <u>10/9/13</u> | SEC <u>25</u> | TWP <u>19</u> | RANGE <u>33</u> | CALLED OUT | ON LOCATION <u>11:00 p.m.</u> | JOB START <u>9:00 a.m. 11:00 p.m.</u> | JOB FINISH <u>10:00 a.m. 2:00 p.m.</u> |
| LEASE <u>Co King wood unit</u> | | | | LOCATION <u>Scott City KS 3 W 1 N 1/4 E VES E into</u> | | COUNTY <u>Scott</u> | STATE <u>KS</u> |
| WELL# <u>1</u> | | | | OLD OR <u>NEW</u> (Circle one) | | | |

CONTRACTOR Val 7
 TYPE OF JOB Production 7" (2 stage)
 HOLE SIZE 8 3/4 T.D. 4800
 CASING SIZE 7" DEPTH 4766
 DRILL PIPE DEPTH
 TOOL DV TOOL DEPTH 2247
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 31.61
 CEMENT LEFT IN CSG. 31.61
 PERFS.
 DISPLACEMENT Bottom 90.0000 96.53 mud Top 88.53
water

OWNER Same
 CEMENT
 AMOUNT ORDERED 175 sks ASC 10% Salt 2% gr
5# Gilsomite .3% FL-160 .14# Defoamer
265 sks AMD 2% Salt 2% Gyp-seal 2% metso 4% gel
3/10 # 1% FL-160 .14 lbs Defoamer
 COMMON @
 POZMIX @
 GEL @
 CHLORIDE @
 ASC 175 sks @ 20.90 3657.50
 AMD 265 sks @ 25.90 6863.50
 FL-160 49# @ 18.90 926.10
 Defoamer 25# @ 7.80 196.50
 Flo-seal 66# @ 2.97 196.02
 Gilsomite 8.75# @ .98 85.75
 WFR TT 12 bbl @ 58.70 704.40
 HANDLING 534.27 ft² @ 2.48 1324.99
 MILEAGE 23.19 tons x 50mi x 2.60 3014.70
 TOTAL 17789.71

EQUIPMENT
 PUMP TRUCK CEMENTER Paul Beaver
 # 120 HELPER Tyler Flipse
 BULK TRUCK
 # 566 DRIVER Chris Helpingstine
 BULK TRUCK
 # DRIVER

REMARKS: (rig pumping out @ 3000)
 Bottom Break circ. Drop ball, ball went through @ 2 pressure
 circ. 4 hr, mix 12 bbl super flash, mix 175 sks ASC, shut down
 washup pump lines, release plug displace with 90 bbl water +
 96.53 bbl mud. Plug did land @ 1300', lift pressure 800'
 Drop Dart with 10 min. dart opened tool @ 800'
 Top 100' racks to well, mix 20 sks R.H. mix 210 sks
 AMD down casing. Displace with 88.53 bbl water
 plug did land, cement did circulate (25 bbl kept
 (500' at 1300' level)
 Thank You!

CHARGE TO: Lario Oil + Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

SERVICE
 DEPTH OF JOB 4,766'
 PUMP TRUCK CHARGE 2765.75 2406.25
 EXTRA FOOTAGE @
 MILEAGE MIHV 55mi @ 7.70 423.50
 MANIFOLD Head @ 275.00
 MILV 55mi @ 4.40 242.00
 TOTAL 6112.50

PLUG & FLOAT EQUIPMENT
 Float Shoe @ 398.00
 Latex down plug assembly @ 848.40
 DV TOOL @ 5315.00
 Basket @ 187.10
 Centralizers 1B @ 32.80 590.40
 TOTAL 7338.90

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.

SALES TAX (If Any) _____
 TOTAL CHARGES 31,241.11
 DISCOUNT 8365.77 IF PAID IN 30 DAYS
 Bid 22,875.33 Net.

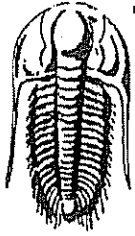
PRINTED NAME MICHAEL KETTERLICH
 SIGNATURE [Signature]



| | |
|----------------|-----------------------------------|
| Date | 10/14/13 |
| Service Point: | Oakley |
| Manager | Terry Heinrich |
| Address | P.O. Box 27 |
| | Oakley, KS 67248 |
| Business Phone | 785-672-3432 |
| E-mail | terry.heinrich@alliedservices.com |
| Mobile | 785-672-9376 |

| | | | | Well Data | | | |
|-----------------|-------------------------|-----------------|--------------------------------|-------------|-------|---------------|-------|
| Company | Lanjo Oil & Gas Company | Prepared For: | Iby Schweikert | Open Hole | 8 3/4 | Depth | 4850 |
| Address | 301 S. Market | Title: | Operation Eng. | | | I.D. | 8.75 |
| Address | Wichita Kansas, 67202 | Business Phone: | 316-265-5511 | | | Job Excess | 25 |
| Well Name | Collingwood Unit | E-mail: | | Casing Size | 7 | Depth | 4850 |
| Lease | # 1 | Mobile Phone: | | | | O.D. | 7 |
| Field | | Prepared By: | Neal Rupp | | | I.D. | 6.276 |
| County | Scott | Title: | Sales & Field Operations Manag | | | Casing Weight | 26 |
| State | Kansas | Business Phone: | 316-260-3368 | | | Thread | STC |
| Section | 15 | E-mail: | neal.rupp@alliedservices.com | | | Grade | 11-60 |
| Township | 19S | Mobile Phone: | 316-250-7057 | | | | |
| Range | 33W | Rig Contractor | | | | | |
| API Number | | Rig Name | | | | | |
| Proposal Title: | 2-Stage 7" Casing | Rig Phone | | | | | |

| | Units | UOM | Cost per Unit | Total | Unit | |
|--|---------|---------------|---------------|--------------|-------------|-------------|
| | | | | | Net | Net |
| CJ50 - Casing Pump Charge 4001' to 5000' | 1.00 | (for 6 hours) | \$2,765.75 | \$ 2,765.75 | \$ 1,797.74 | \$1,797.74 |
| APTM - Additional Pump Time, in excess of set ho | 1.00 | (for 6 hours) | \$2,406.25 | \$ 2,406.25 | \$ 1,564.06 | \$1,564.06 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 5,172.00 | | \$3,361.80 |
| AFU Float Shoe | 1.00 | Each | \$398.00 | \$ 398.00 | \$ 398.00 | \$398.00 |
| Latch Down Plug | 1.00 | Each | \$848.40 | \$ 848.40 | \$ 848.40 | \$848.40 |
| Stage Collar | 1.00 | Each | \$5,315.00 | \$ 5,315.00 | \$ 5,315.00 | \$5,315.00 |
| Cement Basket | 1.00 | Each | \$187.10 | \$ 187.10 | \$ 187.10 | \$187.10 |
| Centralizer | 18.00 | Each | \$32.80 | \$ 590.40 | \$ 32.80 | \$590.40 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 7,338.90 | | \$7,338.90 |
| AMDA - ALLIED MULTI-DENS, CMT, CLASS A | 400.00 | per sack | \$25.90 | \$ 10,360.00 | \$ 16.84 | \$6,734.00 |
| ASCA - ALLIED SPECIAL BLEND CMT, CLASS A | 205.00 | per sack | \$20.90 | \$ 4,284.50 | \$ 13.59 | \$2,784.93 |
| FL-160 - FL-160 Fluid Loss Additive HI-Temp | 58.00 | per pound | \$18.90 | \$ 1,096.20 | \$ 12.29 | \$712.53 |
| PDEF - Powdered Defoamer | 29.00 | per pound | \$9.80 | \$ 284.20 | \$ 6.37 | \$184.73 |
| FLSL - Flo Seal | 100.00 | per pound | \$2.97 | \$ 297.00 | \$ 1.93 | \$193.05 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| GLS - Gilsontite | 1025.00 | per pound | \$0.98 | \$ 1,004.50 | \$ 0.64 | \$652.93 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 17,326.40 | | \$11,262.16 |
| HDLG - Products handling service charge | 729.30 | per cu. ft. | \$2.48 | \$ 1,808.66 | \$ 1.61 | \$1,175.63 |
| DRYG - Drayage for products | 1615.00 | ton mile | \$2.60 | \$ 4,199.00 | \$ 1.69 | \$2,729.35 |
| MILV - Light Vehicle Mileage | 50.00 | per mile | \$4.40 | \$ 220.00 | \$ 2.86 | \$143.00 |
| MILV - Heavy Vehicle Mileage | 50.00 | per mile | \$7.70 | \$ 385.00 | \$ 5.01 | \$250.25 |
| Subtotal | | | | \$ 6,612.66 | | \$4,298.23 |
| CAHD - Cementing Head Rental with Manifold | 1.00 | per day | \$275.00 | \$ 275.00 | \$ 178.75 | \$130.00 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 275.00 | | \$130.00 |
| Totals: | | | | \$ 35,724.96 | | \$26,391.09 |
| DISCOUNT: Operations | | | 35.0% | (1,810.20) | | |
| DISCOUNT: Equipment Sales | | | 0.0% | 0.00 | | |
| DISCOUNT: Products | | | 35.0% | (6,064.24) | | |
| DISCOUNT: Transport | | | 35.0% | (2,314.43) | | |
| DISCOUNT: OTHER | | | 35.0% | (145.00) | | |
| | | | Total | (10,333.87) | | |



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54727

DST#: 1

ATTN: Bob Bayer

Test Start: 2013.09.29 @ 08:21:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:10:00

Time Test Ended: 16:25:30

Interval: **3590.00 ft (KB) To 3625.00 ft (KB) (TVD)**

Total Depth: 3625.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

Reference Elevations: 2967.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845

Outside

Press@RunDepth: 37.15 psig @ 3591.00 ft (KB)

Start Date: 2013.09.29

End Date:

2013.09.29

Start Time: 08:21:05

End Time:

16:25:29

Capacity: 8000.00 psig

Last Calib.: 2013.09.29

Time On Btm: 2013.09.29 @ 10:09:15

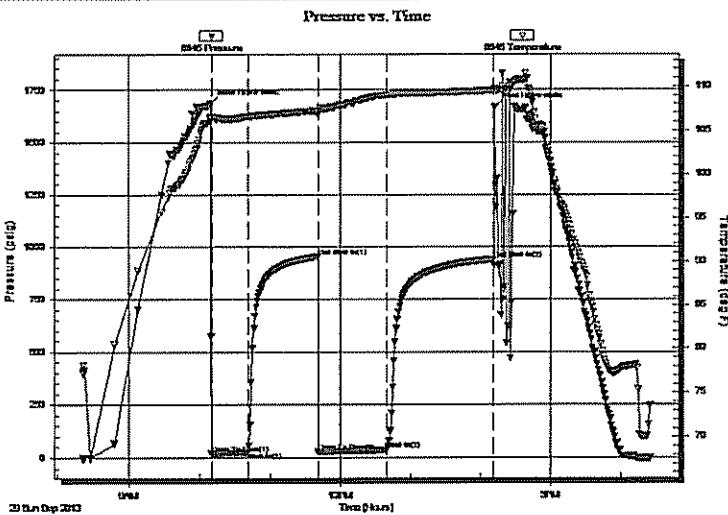
Time Off Btm: 2013.09.29 @ 14:12:30

TEST COMMENT: IF: 3" Blow.

IS: No Return.

FF: 2 3/4" Blow.

FSI: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1684.29 | 106.58 | Initial Hydro-static |
| 1 | 20.71 | 106.32 | Open To Flow (1) |
| 32 | 27.08 | 106.58 | Shut-In(1) |
| 92 | 954.70 | 107.23 | End Shut-In(1) |
| 92 | 28.55 | 106.74 | Open To Flow (2) |
| 151 | 37.15 | 109.08 | Shut-In(2) |
| 243 | 941.09 | 109.54 | End Shut-In(2) |
| 244 | 1666.43 | 109.71 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 55.00 | OCM 20o 80m | 0.77 |
| | | |
| | | |
| | | |

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54727

DST#: 1

ATTN: Bob Bayer

Test Start: 2013.09.29 @ 08:21:00

GENERAL INFORMATION:

Formation: **Topeka**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:10:00

Time Test Ended: 16:25:30

Test Type: Conventional Bottom Hole (Initial)

Tester: Sam Esparza

Unit No: 64

Interval: 3590.00 ft (KB) To 3625.00 ft (KB) (TVD)

Reference Elevations: 2967.00 ft (KB)

Total Depth: 3625.00 ft (KB) (TVD)

2957.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 6772 Outside

Press@RunDepth: psig @ 3591.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.09.29

End Date: 2013.09.29

Last Calib.: 2013.09.29

Start Time: 08:21:05

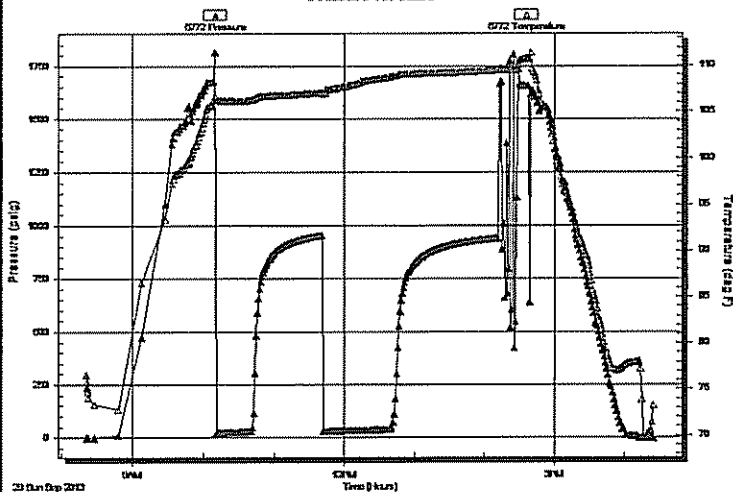
End Time: 16:25:29

Time On Btm:

Time Off Btm:

TEST COMMENT: IF: 3" Blow.
IS: No Return.
FF: 2 3/4" Blow.
FSI: No Return.

Pressure vs. Time



PRESSURE SUMMARY

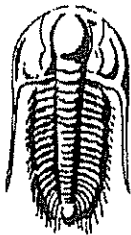
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|------------|
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 55.00 | OCM 20o 80m | 0.77 |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54727

DST#: 1

ATTN: Bob Bayer

Test Start: 2013.09.29 @ 08:21:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 52.00 sec/qt

Water Loss: 0.00 in³

Resistivity: 0.00 ohm.m

Salinity: 19000.00 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 |
|--------------|-------------|---------------|
| 55.00 | OCM 20o 80m | 0.772 |

Total Length: 55.00 ft Total Volume: 0.772 bbl

Num Fluid Samples: 0

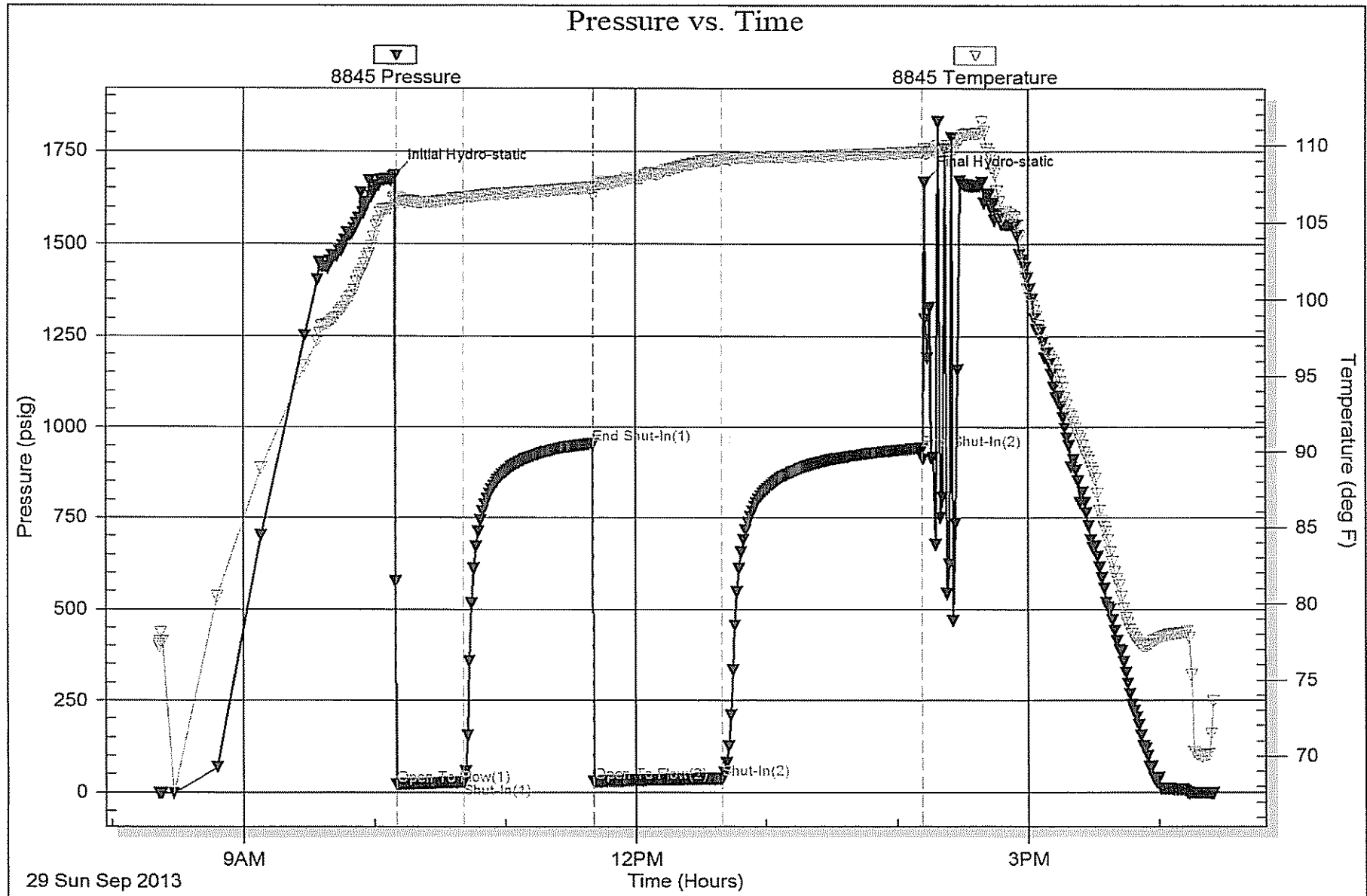
Num Gas Bombs: 0

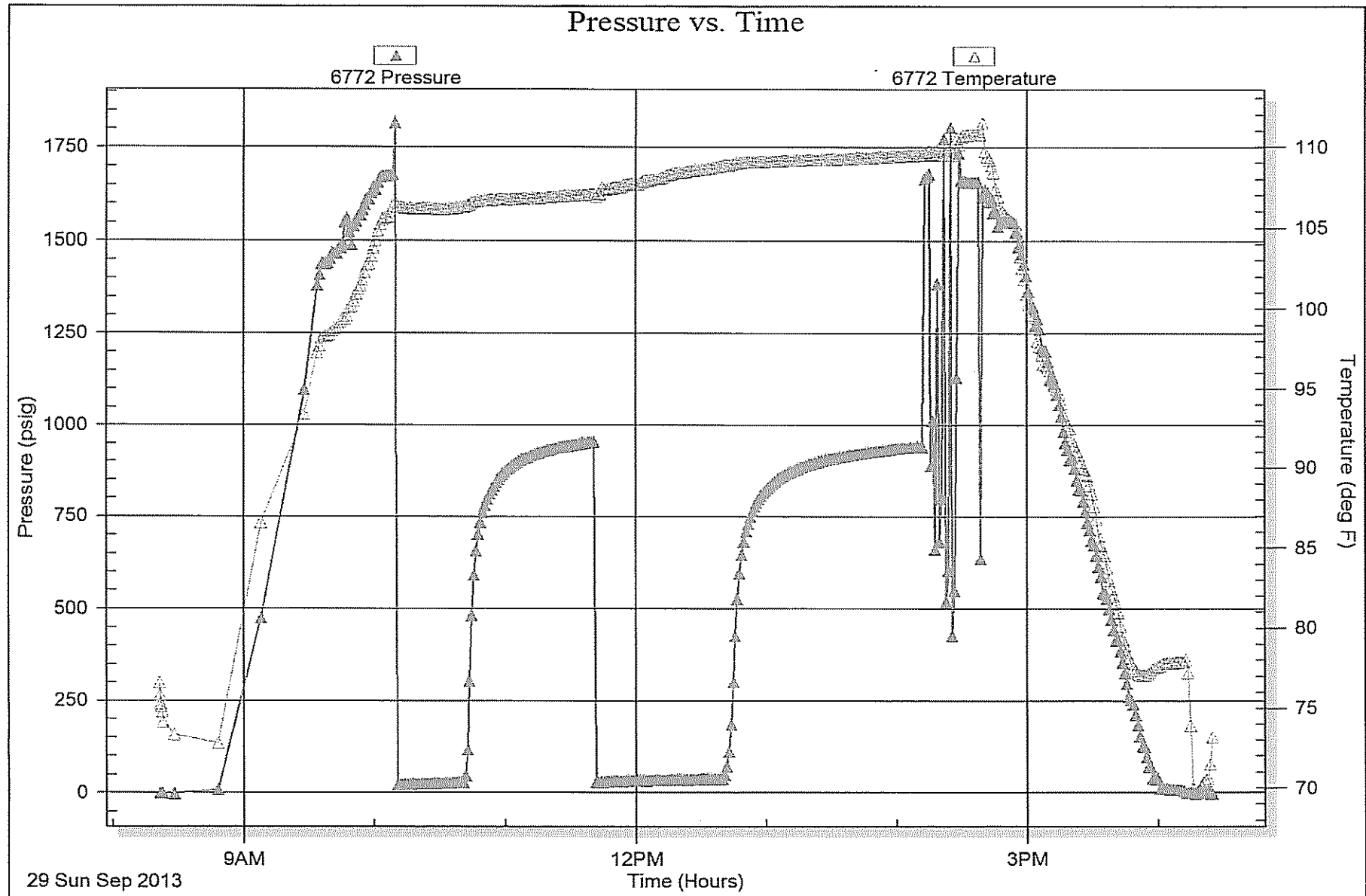
Serial #:

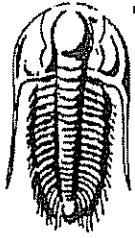
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54728

DST#: 2

ATTN: Bob Bayer

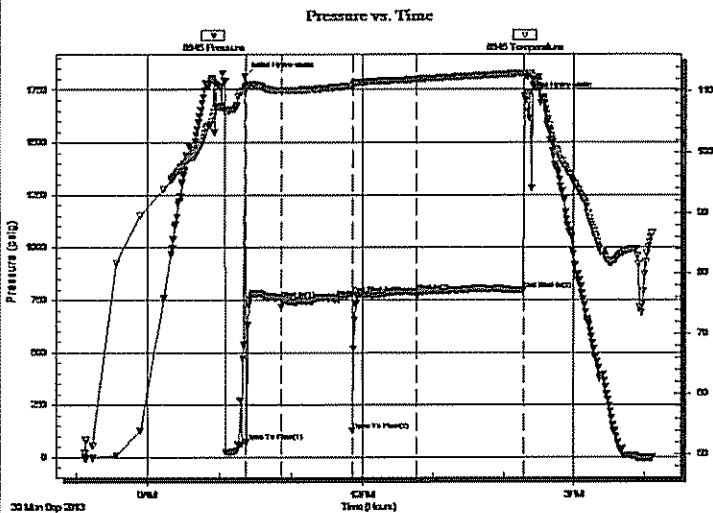
Test Start: 2013.09.30 @ 08:07:00

GENERAL INFORMATION:

Formation: **Oread**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:22:15
 Time Test Ended: 16:06:30
 Interval: **3770.00 ft (KB) To 3799.00 ft (KB) (TVD)**
 Total Depth: 3799.00 ft (KB) (TVD)
 Hole Diameter: 8.75 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Sam Esparza
 Unit No: 64
 Reference Elevations: 2967.00 ft (KB)
 2957.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: **8845** Outside
 Press@RunDepth: 790.44 psig @ 3771.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2013.09.30 End Date: 2013.09.30 Last Calib.: 2013.09.30
 Start Time: 08:07:05 End Time: 16:06:29 Time On Btm: 2013.09.30 @ 10:21:15
 Time Off Btm: 2013.09.30 @ 14:17:45

TEST COMMENT: IF: Tagged bottom 10' high tool opened then slid 10' added one joint of pipe. No Blow.
 IS: No Return.
 FF: No Blow.
 FSI: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1813.96 | 110.63 | Initial Hydro-static |
| 1 | 75.74 | 110.33 | Open To Flow (1) |
| 31 | 754.57 | 110.18 | Shut-In(1) |
| 91 | 778.63 | 110.92 | End Shut-In(1) |
| 91 | 128.16 | 110.57 | Open To Flow (2) |
| 145 | 790.44 | 112.05 | Shut-In(2) |
| 236 | 795.72 | 113.07 | End Shut-In(2) |
| 237 | 1716.65 | 113.03 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 90.00 | Mud 100m | 1.26 |
| | | |
| | | |
| | | |

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

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54728

DST#: 2

ATTN: Bob Bayer

Test Start: 2013.09.30 @ 08:07:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 51.00 sec/qt
Water Loss: 7.19 in³
Resistivity: 0.00 ohm.m
Salinity: 2100.00 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: ppm

Recovery Information

Recovery Table

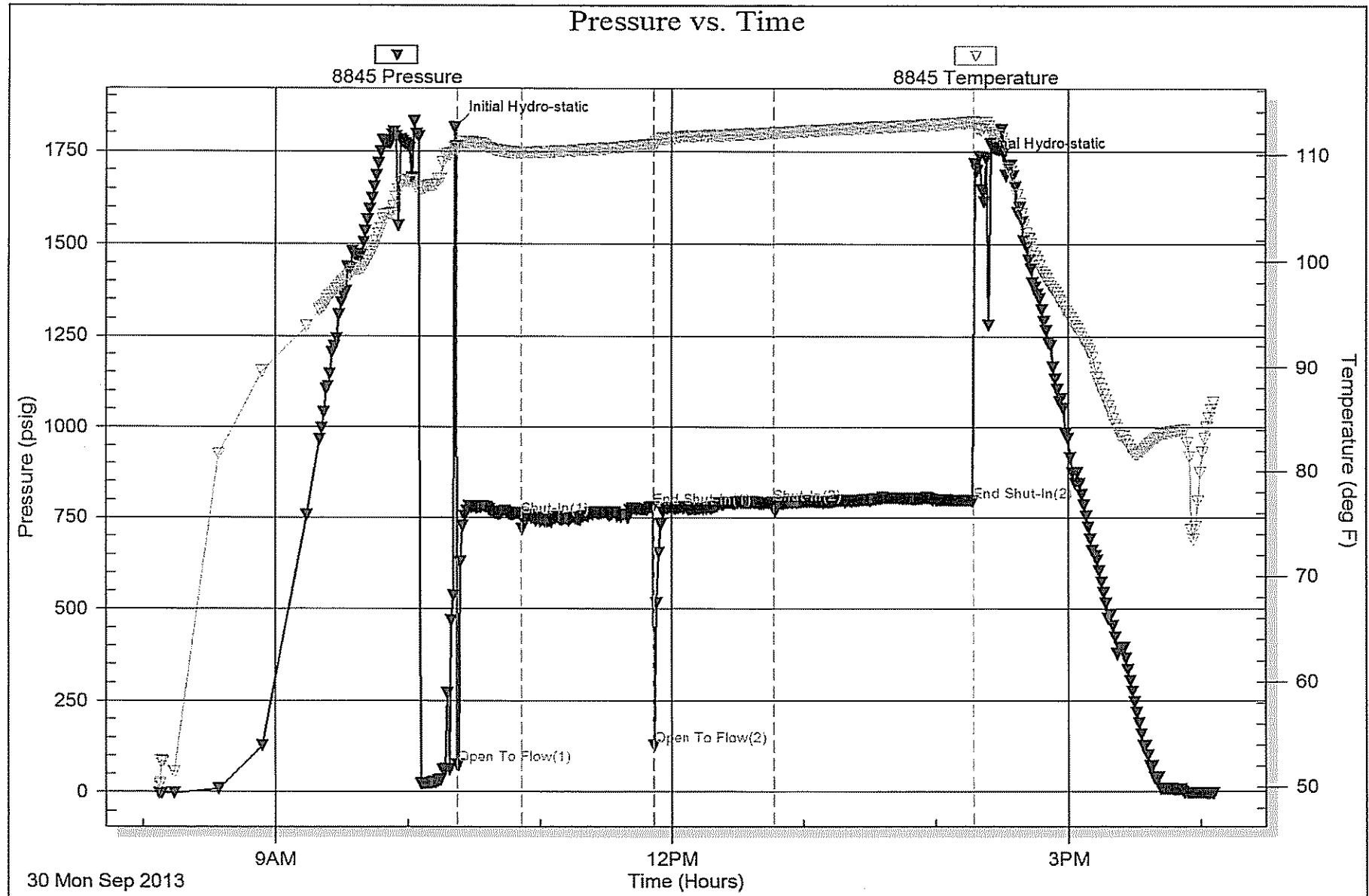
| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 90.00 | Mud 100m | 1.262 |

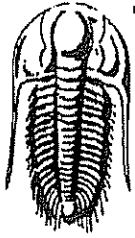
Total Length: 90.00 ft Total Volume: 1.262 bbl

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

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54729

DST#: 3

ATTN: Bob Bayer

Test Start: 2013.10.01 @ 03:38:00

GENERAL INFORMATION:

Formation: **Lansing " A "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 05:28:30

Time Test Ended: 11:18:15

Interval: **3875.00 ft (KB) To 3900.00 ft (KB) (TVD)**

Total Depth: 3900.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Reference Elevations: 2967.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845

Outside

Press@RunDepth: 40.17 psig @ 3876.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.01 End Date: 2013.10.01

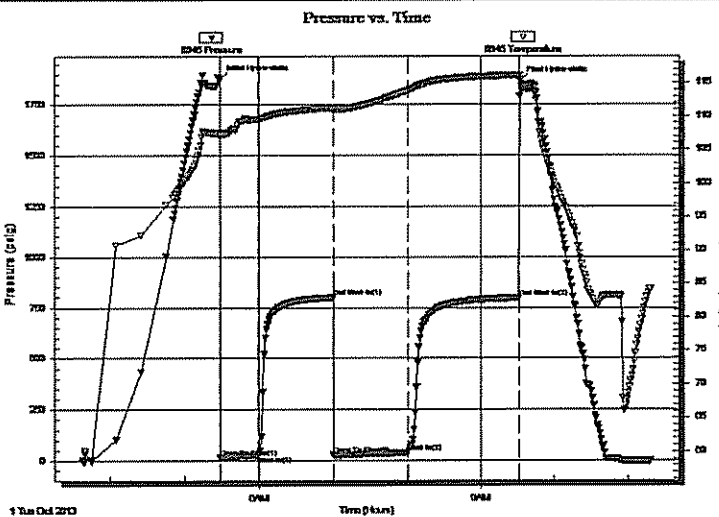
Last Calib.: 2013.10.01

Start Time: 03:38:05 End Time: 11:18:14

Time On Btm: 2013.10.01 @ 05:28:15

Time Off Btm: 2013.10.01 @ 09:32:00

TEST COMMENT: IF: 2" Blow.
IS: No Return.
FF: 1" Blow.
FS: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1874.71 | 107.55 | Initial Hydro-static |
| 1 | 15.76 | 106.99 | Open To Flow (1) |
| 32 | 25.03 | 109.50 | Shut-In(1) |
| 92 | 799.87 | 111.26 | End Shut-In(1) |
| 93 | 30.42 | 110.85 | Open To Flow (2) |
| 153 | 40.17 | 113.86 | Shut-In(2) |
| 243 | 797.45 | 116.09 | End Shut-In(2) |
| 244 | 1864.94 | 115.39 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 55.00 | OWCM 10w 20o 70m | 0.77 |
| | | |
| | | |
| | | |
| | | |

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

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54729

DST#: 3

ATTN: Bob Bayer

Test Start: 2013.10.01 @ 03:38:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4800.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 55.00 | OWCM 10w 20o 70m | 0.772 |

Total Length: 55.00 ft

Total Volume: 0.772 bbl

Num Fluid Samples: 0

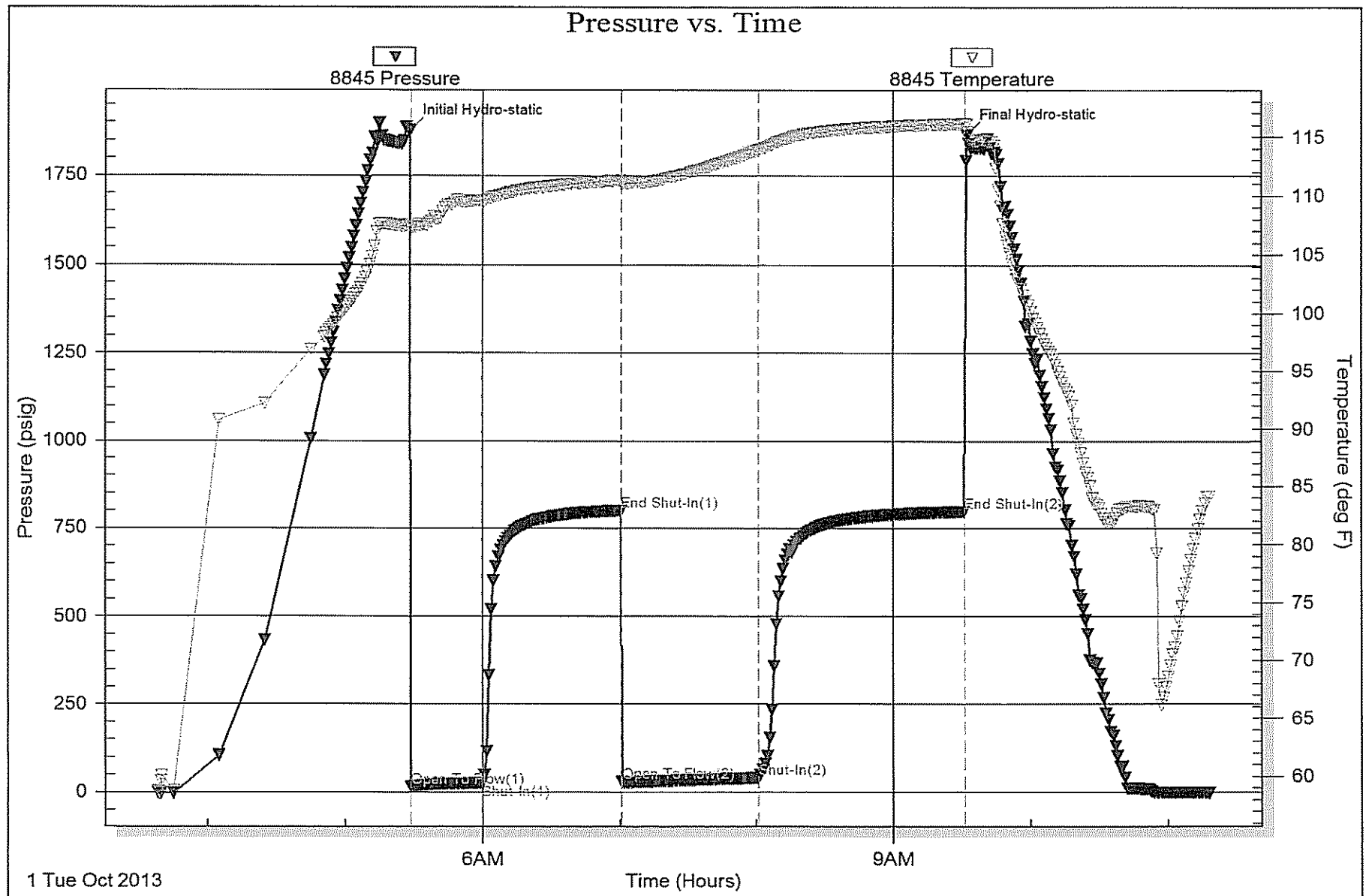
Num Gas Bombs: 0

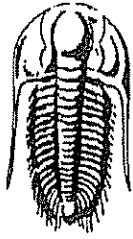
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

ATTN: Bob Bayer

Job Ticket: 54730

DST#: 4

Test Start: 2013.10.01 @ 23:11:00

GENERAL INFORMATION:

Formation: **Lansing " C "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:37:45

Time Test Ended: 07:52:00

Interval: **3940.00 ft (KB) To 3960.00 ft (KB) (TVD)**

Total Depth: **3960.00 ft (KB) (TVD)**

Hole Diameter: **8.75 inches** Hole Condition: **Good**

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

Tester: **Sam Esparza**

Unit No: **64**

Reference Elevations: **2967.00 ft (KB)**

2957.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8845** Outside

Press@RunDepth: **39.63 psig @ 3941.00 ft (KB)**

Start Date: **2013.10.01**

End Date:

2013.10.02

Start Time: **23:11:05**

End Time:

07:52:00

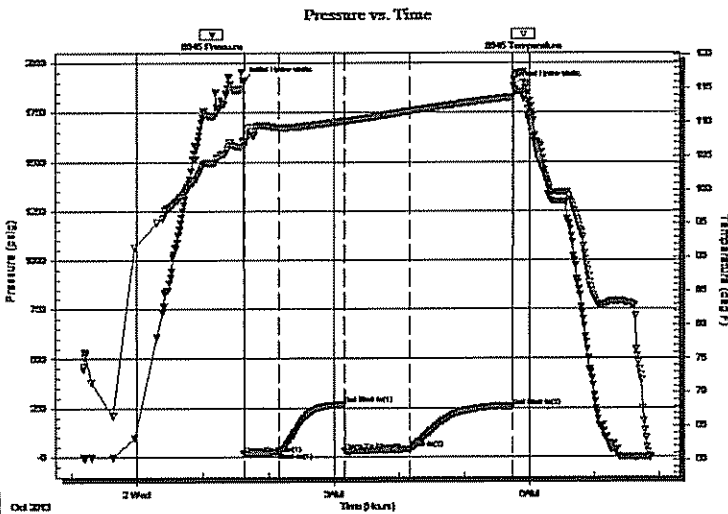
Capacity: **8000.00 psig**

Last Calib.: **2013.10.02**

Time On Btm: **2013.10.02 @ 01:37:30**

Time Off Btm: **2013.10.02 @ 05:45:45**

TEST COMMENT: IF: 5 3/4" Blow .
IS: No Return.
FF: 7" Blow .
FS: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1907.01 | 107.32 | Initial Hydro-static |
| 1 | 17.01 | 106.44 | Open To Flow (1) |
| 32 | 24.69 | 109.24 | Shut-In(1) |
| 92 | 270.18 | 110.24 | End Shut-In(1) |
| 93 | 29.31 | 110.15 | Open To Flow (2) |
| 153 | 39.63 | 111.64 | Shut-In(2) |
| 248 | 255.89 | 113.73 | End Shut-In(2) |
| 249 | 1883.85 | 116.19 | Final Hydro-static |

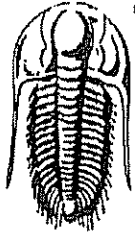
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 30.00 | GOCM 10g 30o 60m | 0.42 |
| 40.00 | GO 20g 80o | 0.56 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54730

DST#: 4

ATTN: Bob Bayer

Test Start: 2013.10.01 @ 23:11:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.99 in³
Resistivity: 0.00 ohm.m
Salinity: 4800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 29 deg API
Water Salinity: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 30.00 | GOCM 10g 30o 60m | 0.421 |
| 40.00 | GO 20g 80o | 0.561 |

Total Length: 70.00 ft Total Volume: 0.982 bbl

Num Fluid Samples: 0

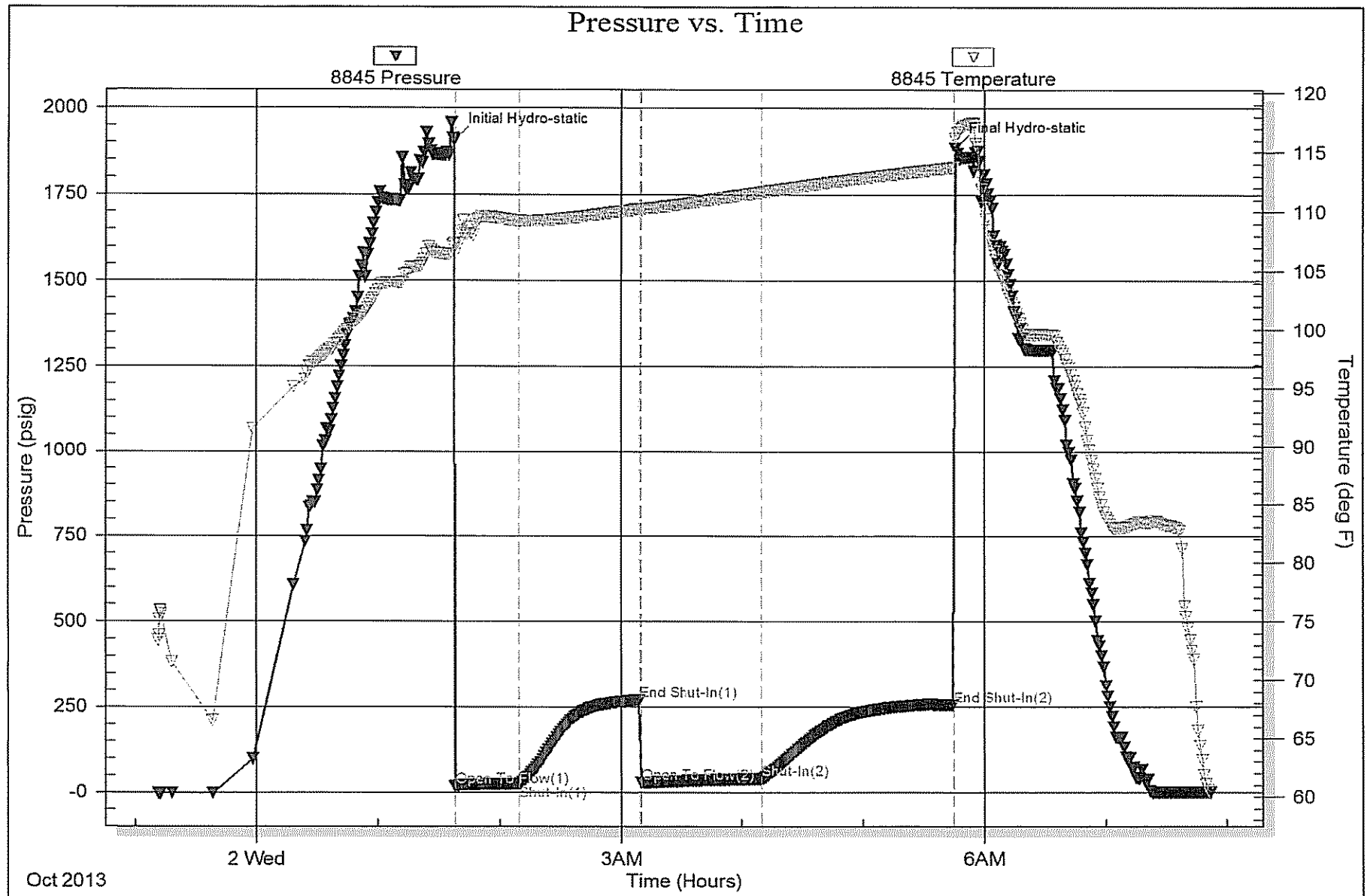
Num Gas Bombs: 0

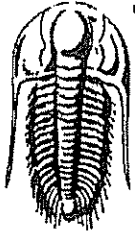
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API: 29 @ 60 degrees= 29 deg API





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54731

DST#: 5

ATTN: Bob Bayer

Test Start: 2013.10.02 @ 17:19:00

GENERAL INFORMATION:

Formation: **Lansing " D "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:57:00

Time Test Ended: 01:09:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: **3971.00 ft (KB) To 4005.00 ft (KB) (TVD)**

Total Depth: 4005.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

Reference Elevations: 2967.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845

Outside

Press@RunDepth: 190.11 psig @ 3972.00 ft (KB)

Start Date: 2013.10.02

End Date:

2013.10.03

Start Time: 17:19:05

End Time:

01:09:14

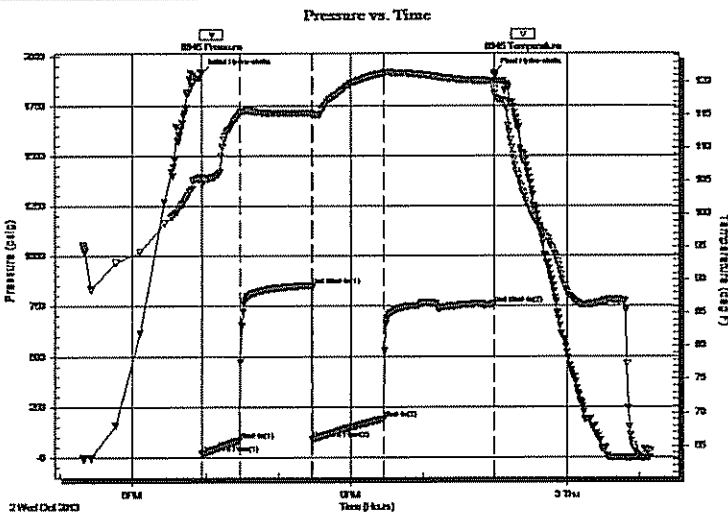
Capacity: 8000.00 psig

Last Calib.: 2013.10.03

Time On Bltm: 2013.10.02 @ 18:56:45

Time Off Bltm: 2013.10.02 @ 22:59:30

TEST COMMENT: IF: BOB @ 28 min.
IS: No Return.
FF: BOB @ 33 min.
FSI: Weak Surface Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1915.76 | 105.51 | Initial Hydro-static |
| 1 | 17.47 | 104.33 | Open To Flow (1) |
| 32 | 82.91 | 115.15 | Shut-In(1) |
| 91 | 853.80 | 115.29 | End Shut-In(1) |
| 92 | 87.68 | 115.01 | Open To Flow (2) |
| 151 | 190.11 | 121.24 | Shut-In(2) |
| 242 | 759.49 | 120.11 | End Shut-In(2) |
| 243 | 1912.01 | 118.90 | Final Hydro-static |

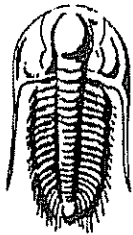
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 240.00 | MCW 20m 80w | 3.37 |
| 150.00 | WCM 30w 70m | 2.10 |
| | | |
| | | |
| | | |

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

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54731

DST#: 5

ATTN: Bob Bayer

Test Start: 2013.10.02 @ 17:19:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 8.59 in³

Resistivity: 0.00 ohm.m

Salinity: 5000.00 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: 50000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 240.00 | MCW 20m 80w | 3.367 |
| 150.00 | WCM 30w 70m | 2.104 |

Total Length: 390.00 ft Total Volume: 5.471 bbl

Num Fluid Samples: 0

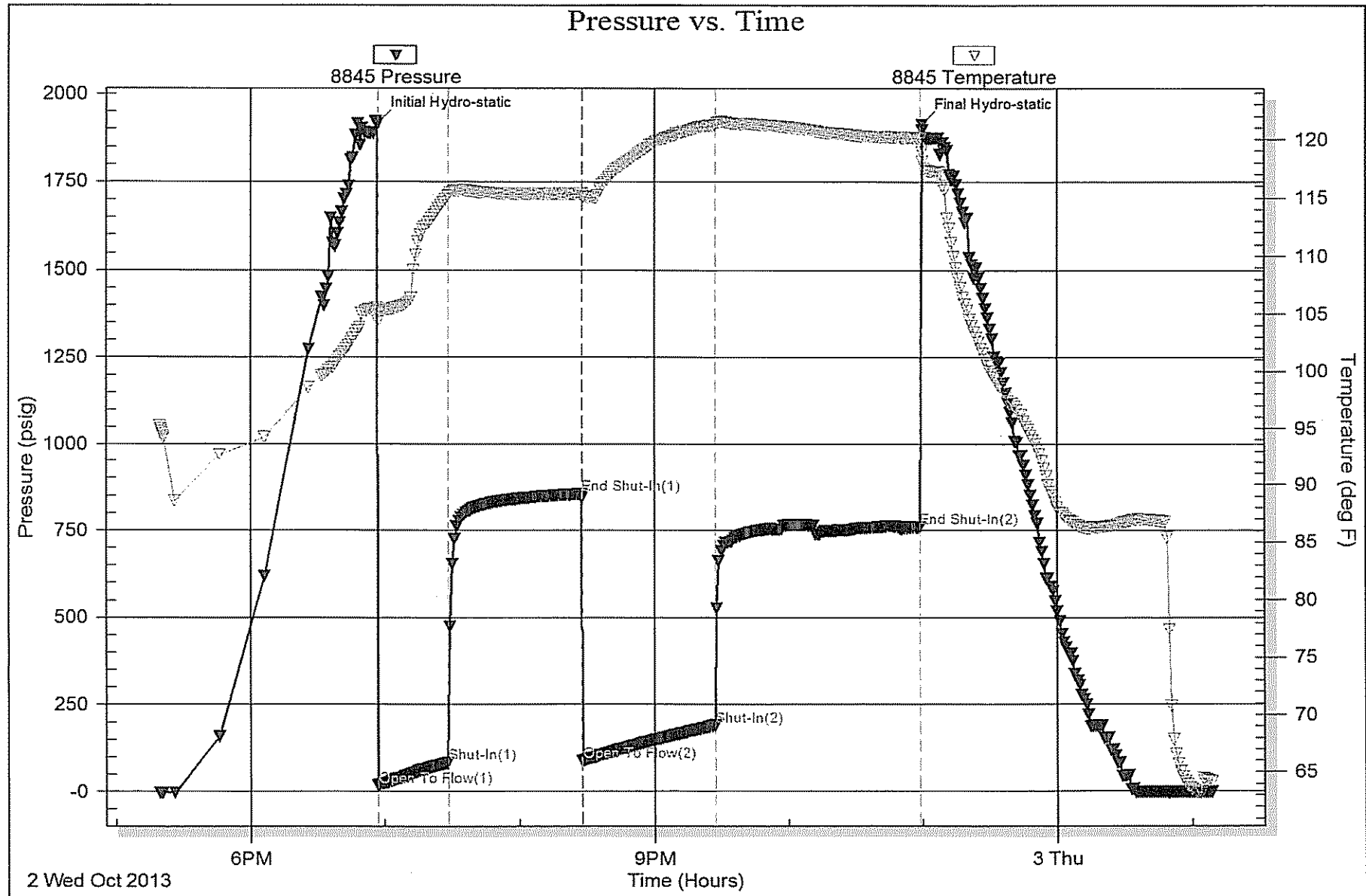
Num Gas Bombs: 0

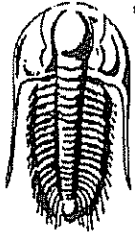
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water Salinity: .152 @ 63 degrees= 50,000 ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54732

DST#: 6

ATTN: Bob Bayer

Test Start: 2013.10.03 @ 12:59:00

GENERAL INFORMATION:

Formation: **Lansing "H"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:21:00

Time Test Ended: 20:09:00

Interval: **4063.00 ft (KB) To 4080.00 ft (KB) (TVD)**

Total Depth: **4080.00 ft (KB) (TVD)**

Hole Diameter: **8.75 inches** Hole Condition: **Good**

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

Tester: **Sam Esparza**

Unit No: **64**

Reference Elevations: **2967.00 ft (KB)**

2957.00 ft (CF)

KB to GR/CF: **10.00 ft**

Serial #: **8845**

Outside

Press@RunDepth: **71.87 psig @ 4064.00 ft (KB)**

Start Date: **2013.10.03**

End Date:

2013.10.03

Start Time: **12:59:05**

End Time:

20:08:59

Capacity: **8000.00 psig**

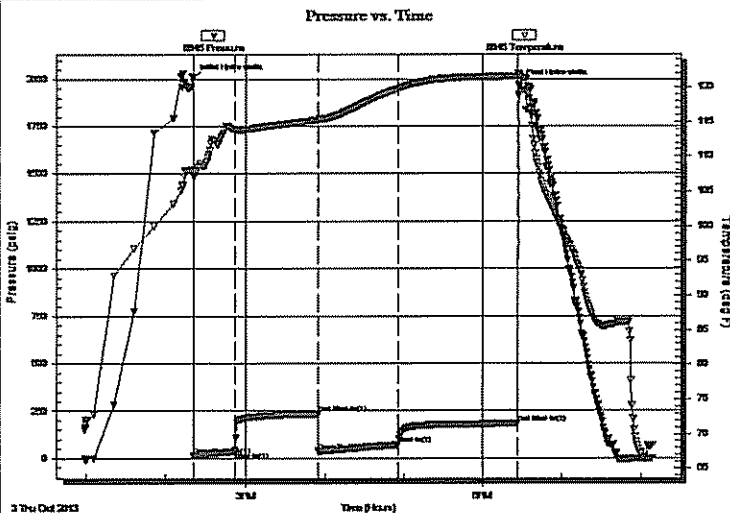
Last Calib.: **2013.10.03**

Time On Btm: **2013.10.03 @ 14:20:45**

Time Off Btm: **2013.10.03 @ 18:27:45**

TEST COMMENT: IF: 4 1/4" Blow.
IS: No Return.
FF: 5 1/4" Blow.
FSI: 1 1/4" Return.

PRESSURE SUMMARY



| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2002.16 | 108.15 | Initial Hydro-static |
| 1 | 16.15 | 107.29 | Open To Flow (1) |
| 31 | 36.28 | 113.92 | Shut-In(1) |
| 94 | 234.85 | 115.26 | End Shut-In(1) |
| 95 | 39.52 | 115.17 | Open To Flow (2) |
| 155 | 71.87 | 119.83 | Shut-In(2) |
| 246 | 185.36 | 121.61 | End Shut-In(2) |
| 247 | 1972.81 | 121.84 | Final Hydro-static |

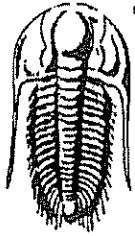
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-------------|--------------|
| 120.00 | MCW 20m 80w | 1.68 |
| 30.00 | WCM 20w 80m | 0.42 |
| | | |
| | | |
| | | |

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

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54732

DST#: 6

ATTN: Bob Bayer

Test Start: 2013.10.03 @ 12:59:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 9.19 in³

Resistivity: 0.00 ohm.m

Salinity: 5500.00 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: 50000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-------------|---------------|
| 120.00 | MCW 20m 80w | 1.683 |
| 30.00 | WCM 20w 80m | 0.421 |

Total Length: 150.00 ft Total Volume: 2.104 bbl

Num Fluid Samples: 0

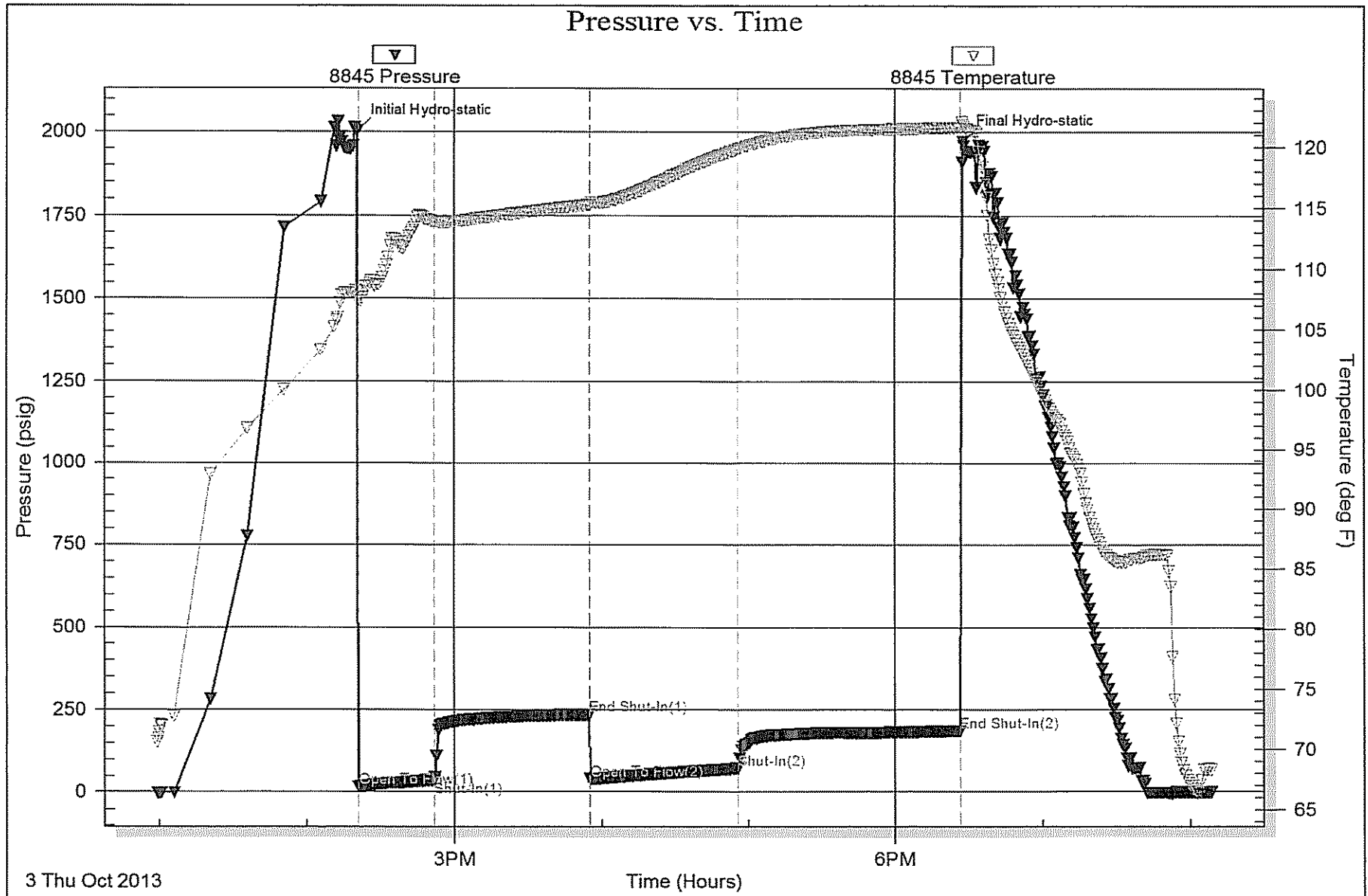
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Water Salinity: .142 @ 71 degrees= 50,000 ppm





TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

ATTN: Bob Bayer

Job Ticket: 54733

DST#: 7

Test Start: 2013.10.04 @ 06:22:00

GENERAL INFORMATION:

Formation: **Lansing "I"**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 07:57:30

Time Test Ended: 13:25:15

Interval: **4097.00 ft (KB) To 4129.00 ft (KB) (TVD)**

Total Depth: 4129.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Reference Elevations: 2967.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845 Outside

Press@RunDepth: 16.26 psig @ 4098.00 ft (KB)

Start Date: 2013.10.04 End Date: 2013.10.04

Start Time: 06:22:05 End Time: 13:25:14

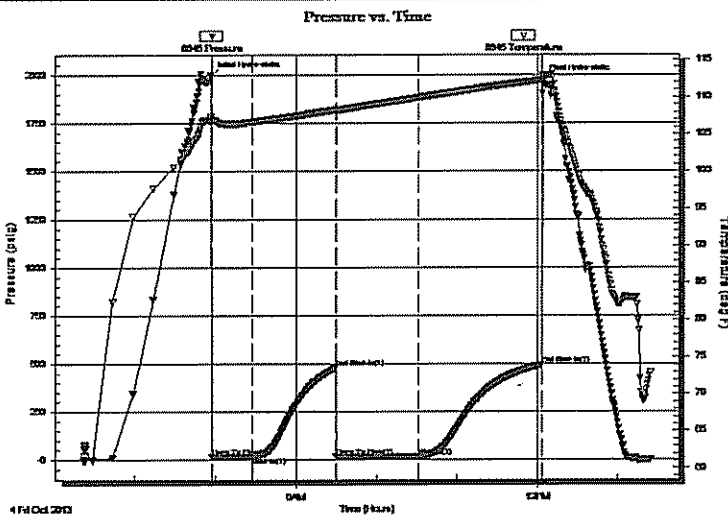
Capacity: 8000.00 psig

Last Calib.: 2013.10.04

Time On Btm: 2013.10.04 @ 07:57:00

Time Off Btm: 2013.10.04 @ 12:04:00

TEST COMMENT: IF: 1/4" Blow.
IS: No Return.
FF: No Blow.
FS: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 1994.74 | 107.34 | Initial Hydro-static |
| 1 | 15.45 | 106.83 | Open To Flow (1) |
| 31 | 16.48 | 106.65 | Shut-In(1) |
| 93 | 479.23 | 108.29 | End Shut-In(1) |
| 93 | 16.55 | 108.20 | Open To Flow (2) |
| 155 | 16.26 | 109.95 | Shut-In(2) |
| 247 | 495.59 | 112.30 | End Shut-In(2) |
| 247 | 1971.10 | 112.94 | Final Hydro-static |

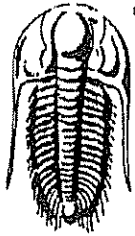
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------------|--------------|
| 10.00 | Mud 100m (Oil Scum on Top) | 0.14 |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54733

DST#: 7

ATTN: Bob Bayer

Test Start: 2013.10.04 @ 06:22:00

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: 65.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.19 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 5500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------------|---------------|
| 10.00 | Mud 100m (Oil Scum on Top) | 0.140 |

Total Length: 10.00 ft

Total Volume: 0.140 bbl

Num Fluid Samples: 0

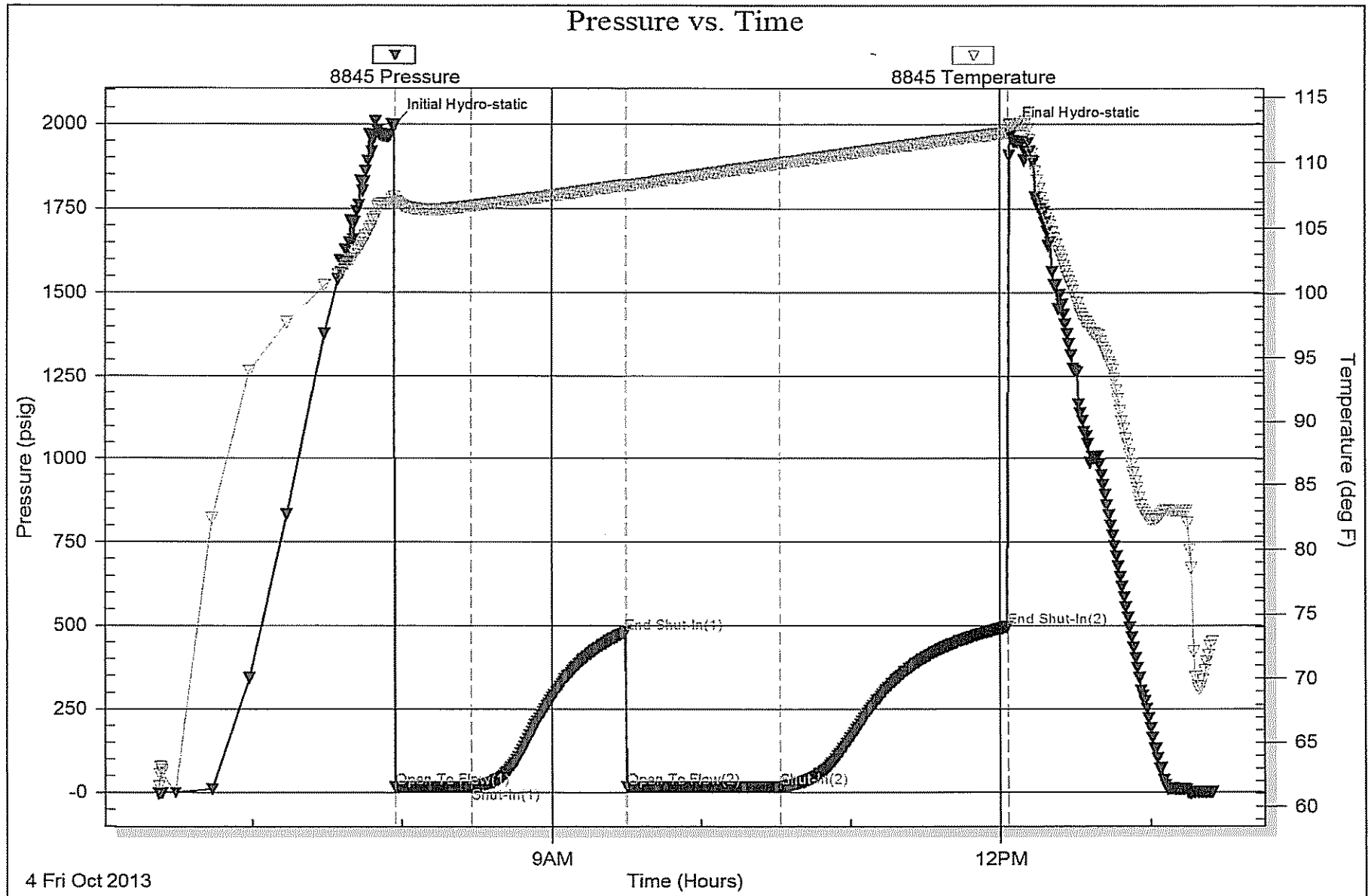
Num Gas Bombs: 0

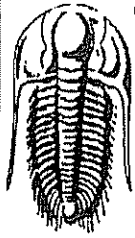
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

ATTN: Bob Bayer

Job Ticket: 54734

DST#: 8

Test Start: 2013.10.05 @ 00:38:00

GENERAL INFORMATION:

Formation: **Lansing " K "**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 02:32:30

Time Test Ended: 09:51:45

Interval: **4163.00 ft (KB) To 4190.00 ft (KB) (TVD)**

Total Depth: 4190.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Reference Elevations: 2967.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845

Outside

Press@RunDepth: 701.70 psig @ 4164.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.05 End Date: 2013.10.05

Last Calib.: 2013.10.05

Start Time: 00:38:05 End Time: 09:51:45

Time On Btm: 2013.10.05 @ 02:32:00

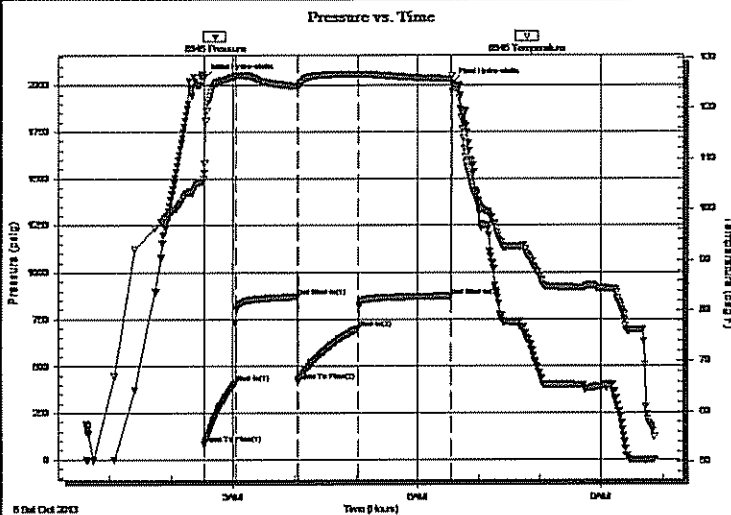
Time Off Btm: 2013.10.05 @ 06:34:15

TEST COMMENT: IF: BOB @ 2 min.

IS: No Return.

FF: BOB @ 5 min.

FS: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2040.93 | 105.97 | Initial Hydro-static |
| 1 | 83.18 | 107.16 | Open To Flow (1) |
| 31 | 412.55 | 126.28 | Shut-In(1) |
| 91 | 871.36 | 124.35 | End Shut-In(1) |
| 92 | 422.72 | 124.15 | Open To Flow (2) |
| 151 | 701.70 | 126.73 | Shut-In(2) |
| 242 | 874.59 | 125.79 | End Shut-In(2) |
| 243 | 2012.11 | 124.95 | Final Hydro-static |

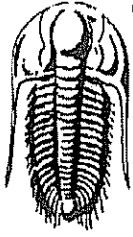
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 1195.00 | MCW 5m 95w (Oil Spots) | 16.76 |
| 315.00 | OWCM 10o 40w 50m | 4.42 |
| 45.00 | Clean Oil 100o | 0.63 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company
301 S Market ST
Wichita, KS 67202
ATTN: Bob Bayer

15- 19s- 33w Scott Co.
Collingwood Unit #1
Job Ticket: 54734 **DST#: 8**
Test Start: 2013.10.05 @ 00:38:00

GENERAL INFORMATION:

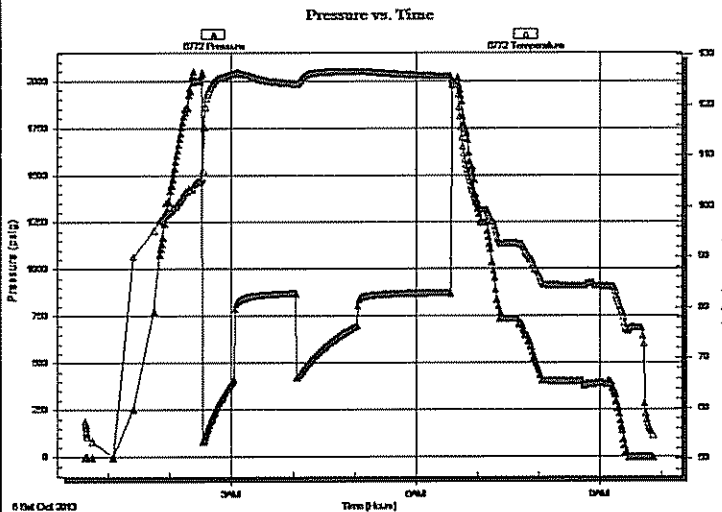
| | | | | |
|---|----------------------|--|---------------------------------------|---|
| Formation: Lansing " K " | | | | Test Type: Conventional Bottom Hole (Reset) |
| Deviated: No Whipstock: ft (KB) | | | | Tester: Sam Esparza |
| Time Tool Opened: 02:32:30 | | | | Unit No: 64 |
| Time Test Ended: 09:51:45 | | | | |
| Interval: 4163.00 ft (KB) To 4190.00 ft (KB) (TVD) | | | Reference Elevations: 2967.00 ft (KB) | |
| Total Depth: 4190.00 ft (KB) (TVD) | | | 2957.00 ft (CF) | |
| Hole Diameter: 8.75 inches | Hole Condition: Good | | | KB to GR/CF: 10.00 ft |

Serial #: 6772

Outside

| | |
|--|-------------------------|
| Press@RunDepth: psig @ 4164.00 ft (KB) | Capacity: 8000.00 psig |
| Start Date: 2013.10.05 End Date: 2013.10.05 | Last Calib.: 2013.10.05 |
| Start Time: 00:38:05 End Time: 09:52:00 | Time On Btm: |
| | Time Off Btm: |

TEST COMMENT: IF: BOB @ 2 min.
IS: No Return.
FF: BOB @ 5 min.
FS: No Return.



PRESSURE SUMMARY

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

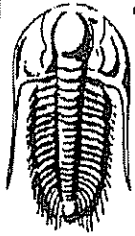
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|--------------------------|--------------|
| 1195.00 | MCW 5m 95w (Oil Spots) | 16.76 |
| 315.00 | OWCM 10o 40w 50m | 4.42 |
| 45.00 | Clean Oil 100o | 0.63 |
| | | |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54734

DST#: 8

ATTN: Bob Bayer

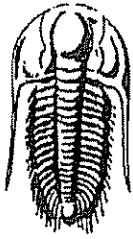
Test Start: 2013.10.05 @ 00:38:00

Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4143.00 ft | Diameter: 3.80 inches | Volume: 58.12 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 75000.00 lb |
| | | | <u>Total Volume: 58.12 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 8.00 ft | | | String Weight: Initial 51000.00 lb |
| Depth to Top Packer: | 4163.00 ft | | | Final 56000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 27.00 ft | | | |
| Tool Length: | 55.00 ft | | | |
| Number of Packers: | 2 | Diameter: 8.00 inches | | |
| Tool Comments: | | | | |

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4136.00 | |
| Shut In Tool | 5.00 | | | 4141.00 | |
| Hydraulic tool | 5.00 | | | 4146.00 | |
| Jars | 5.00 | | | 4151.00 | |
| Safety Joint | 3.00 | | | 4154.00 | |
| Packer | 5.00 | | | 4159.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4163.00 | |
| Stubb | 1.00 | | | 4164.00 | |
| Recorder | 0.00 | 6772 | Outside | 4164.00 | |
| Recorder | 0.00 | 8845 | Outside | 4164.00 | |
| Perforations | 21.00 | | | 4185.00 | |
| Bullnose | 5.00 | | | 4190.00 | 27.00 Bottom Packers & Anchor |

Total Tool Length: 55.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54734

DST#: 8

ATTN: Bob Bayer

Test Start: 2013.10.05 @ 00:38:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 54.00 sec/qt
Water Loss: 7.99 in³
Resistivity: 0.00 ohm.m
Salinity: 4800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 21 deg API
Water Salinity: 58000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|--------------------------|---------------|
| 1195.00 | MCW 5m 95w (Oil Spots) | 16.763 |
| 315.00 | OWCM 10o 40w 50m | 4.419 |
| 45.00 | Clean Oil 100o | 0.631 |

Total Length: 1555.00 ft Total Volume: 21.813 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

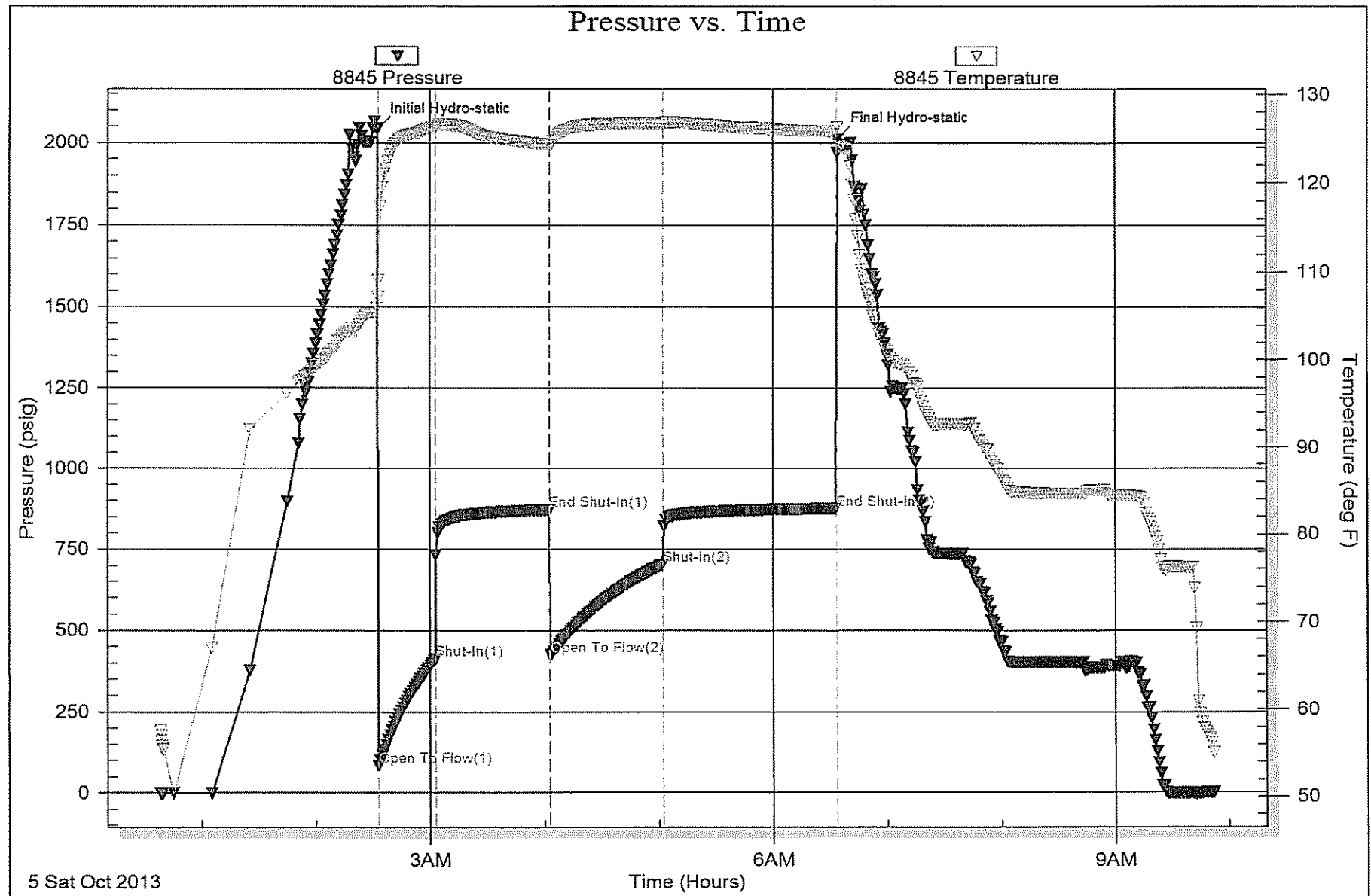
Serial #:

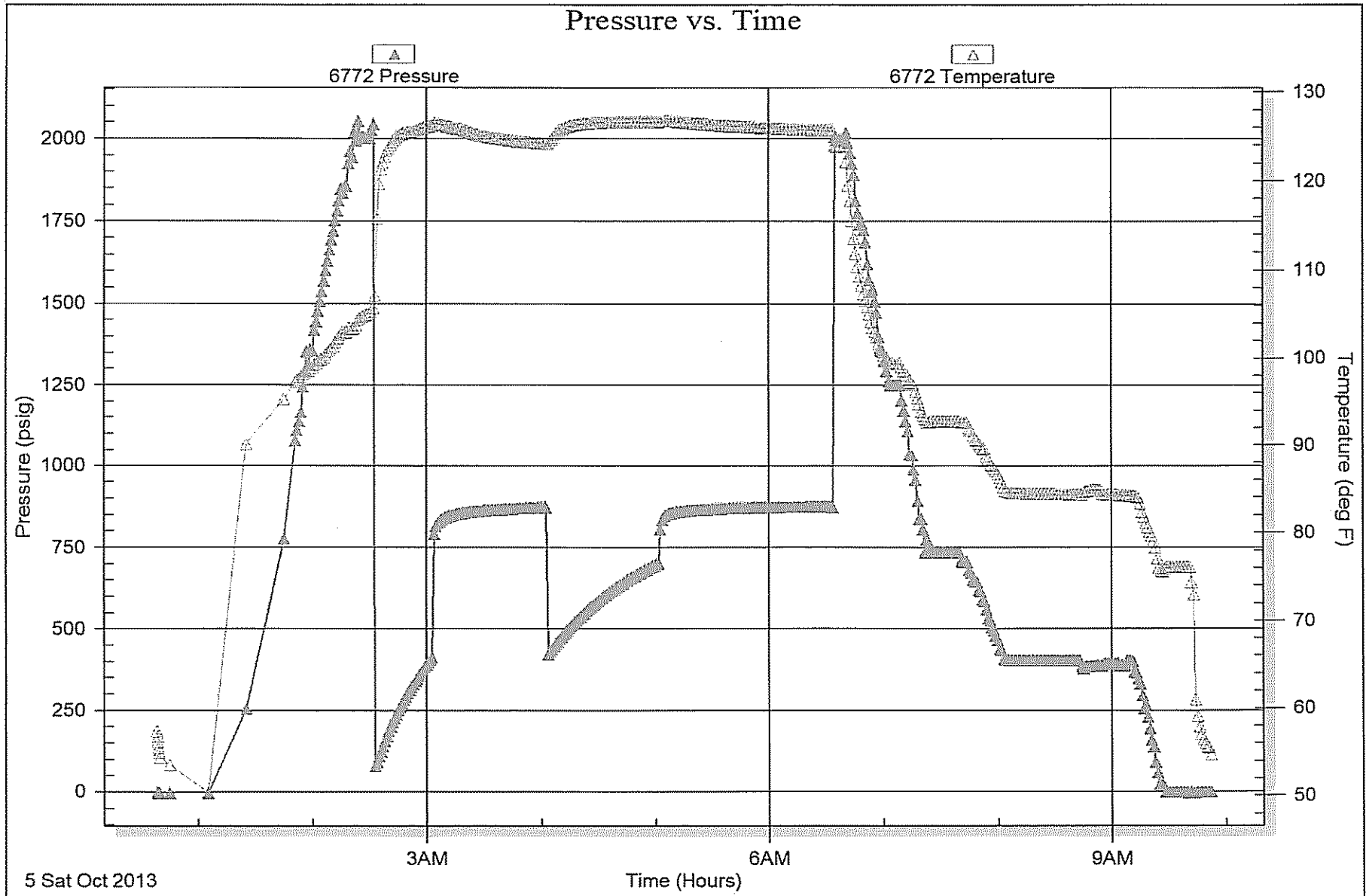
Laboratory Name:

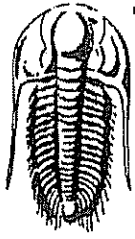
Laboratory Location:

Recovery Comments: Oil API: 19 @ 40 degrees= 21 deg API

Water Salinity: .206 @ 42 degrees= 58,000 ppm







**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

ATTN: Bob Bayer

Job Ticket: 54735

DST#: 9

Test Start: 2013.10.07 @ 13:55:00

GENERAL INFORMATION:

Formation: **Mississippi**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 16:02:30

Time Test Ended: 22:02:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Interval: **4615.00 ft (KB) To 4638.00 ft (KB) (TVD)**

Reference Elevations: 2967.00 ft (KB)

Total Depth: 4638.00 ft (KB) (TVD)

2957.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: **8845** Outside

Press@RunDepth: 40.96 psig @ 4616.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2013.10.07 End Date: 2013.10.07

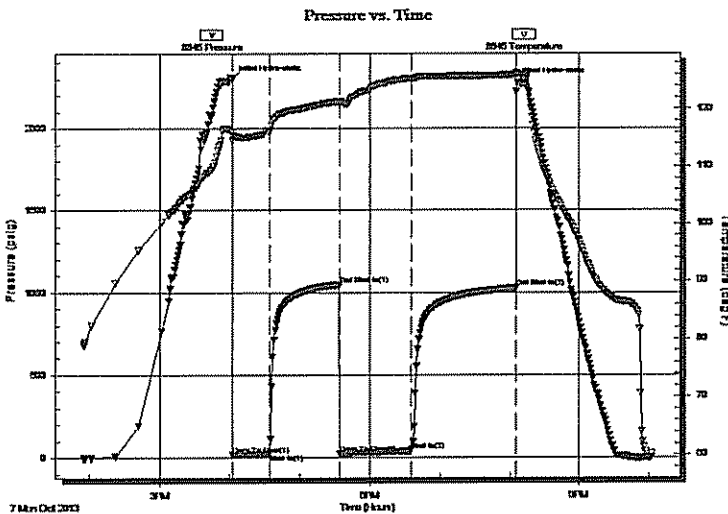
Last Calib.: 2013.10.07

Start Time: 13:55:05 End Time: 22:02:14

Time On Btm: 2013.10.07 @ 16:02:15

Time Off Btm: 2013.10.07 @ 20:06:15

TEST COMMENT: IF: 1 3/4" Blow.
IS: No Return.
FF: 1 1/4" Blow.
FS: No Return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2301.81 | 115.86 | Initial Hydro-static |
| 1 | 16.93 | 114.53 | Open To Flow (1) |
| 32 | 25.48 | 116.16 | Shut-In(1) |
| 92 | 1045.85 | 121.23 | End Shut-In(1) |
| 92 | 26.63 | 120.78 | Open To Flow (2) |
| 153 | 40.96 | 125.33 | Shut-In(2) |
| 243 | 1026.41 | 125.95 | End Shut-In(2) |
| 244 | 2279.89 | 126.13 | Final Hydro-static |

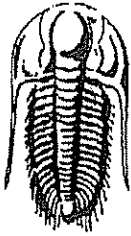
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 50.00 | Mud 100m (Oil Spots) | 0.70 |
| | | |
| | | |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54735

DST#: 9

ATTN: Bob Bayer

Test Start: 2013.10.07 @ 13:55:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 7.60 in³
Resistivity: 0.00 ohm.m
Salinity: 2800.00 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: ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------------|---------------|
| 50.00 | Mud 100m (Oil Spots) | 0.701 |

Total Length: 50.00 ft Total Volume: 0.701 bbl

Num Fluid Samples: 0

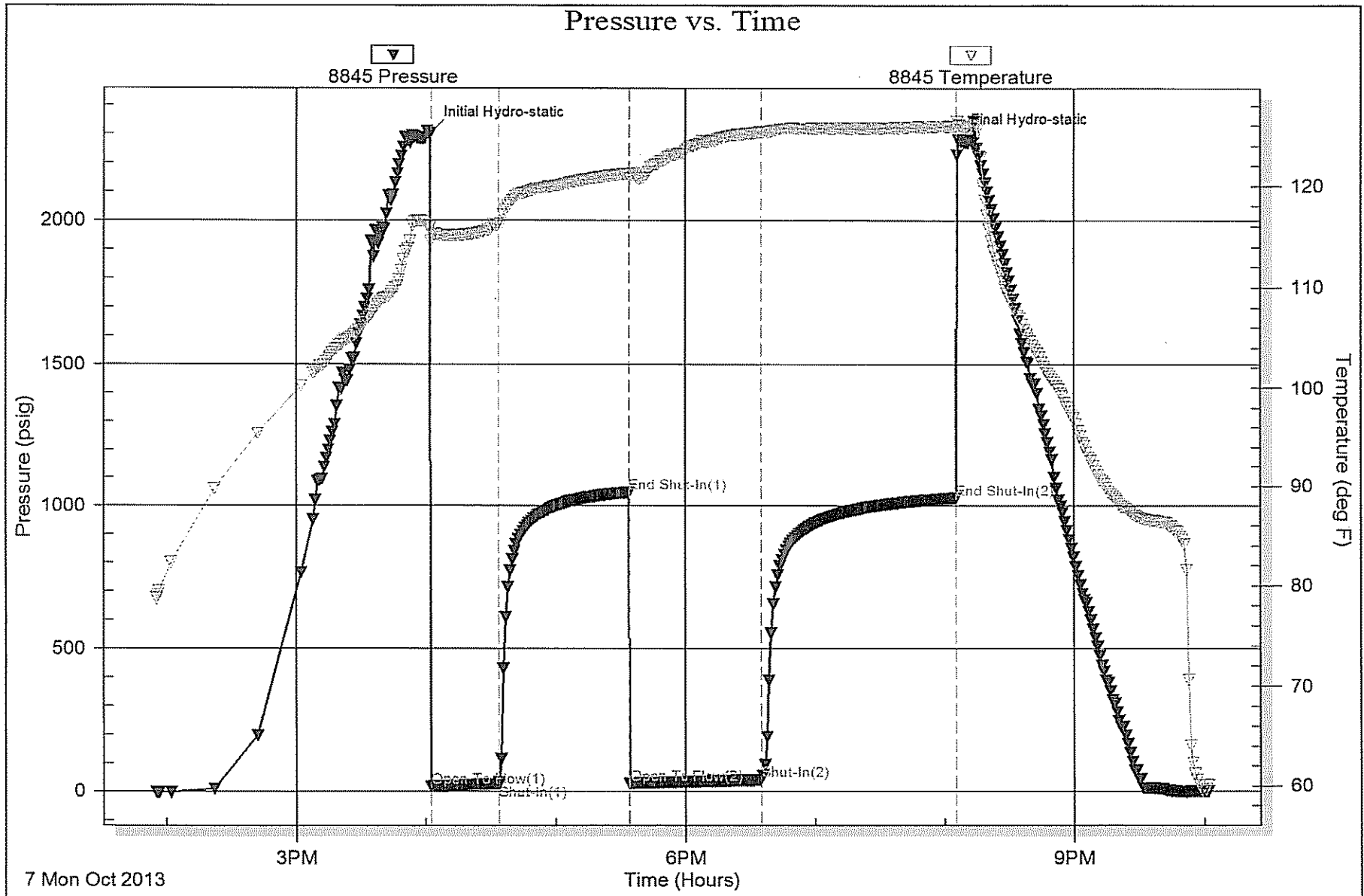
Num Gas Bombs: 0

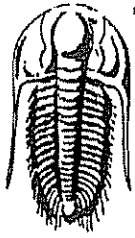
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54736

DST#: 10

ATTN: Bob Bayer

Test Start: 2013.10.08 @ 08:59:00

GENERAL INFORMATION:

Formation: **Miss. St Louis " B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:41:15

Time Test Ended: 17:35:15

Interval: **4657.00 ft (KB) To 4685.00 ft (KB) (TVD)**

Total Depth: 4685.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester: Sam Esparza

Unit No: 64

Reference Elevations: 2967.00 ft (KB)

2957.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8845

Outside

Press@RunDepth: 367.24 psig @ 4658.00 ft (KB)

Start Date: 2013.10.08

End Date: 2013.10.08

Start Time: 08:59:05

End Time: 17:35:15

Capacity: 8000.00 psig

Last Calib.: 2013.10.08

Time On Btm: 2013.10.08 @ 10:40:45

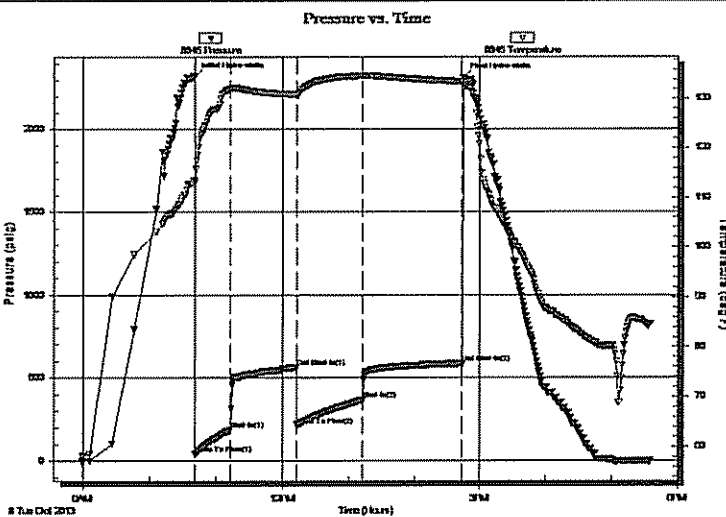
Time Off Btm: 2013.10.08 @ 14:44:45

TEST COMMENT: IF: BOB @ 3 1/2 min.

IS: Bled off for 5 min. BOB Return @ 48 min.

FF: Bled off for 2 min before opening back up. BOB @ 4 1/2 min.

FSt: Bled off for 5 min. BOB Return @ 35 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2324.82 | 113.59 | Initial Hydro-static |
| 1 | 42.44 | 112.93 | Open To Flow (1) |
| 33 | 187.29 | 132.03 | Shut-In(1) |
| 92 | 563.75 | 130.89 | End Shut-In(1) |
| 93 | 214.34 | 130.73 | Open To Flow (2) |
| 153 | 367.24 | 134.68 | Shut-In(2) |
| 243 | 585.77 | 133.49 | End Shut-In(2) |
| 244 | 2315.59 | 132.92 | Final Hydro-static |

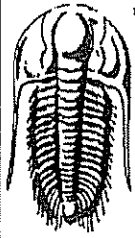
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|-----------------------|--------------|
| 120.00 | GOMCW 10g 10o 10m 70w | 1.68 |
| 120.00 | GOCM 10g 30o 60m | 1.68 |
| 660.00 | GO 20g 80o | 9.26 |
| 0.00 | 750' GIP | 0.00 |
| | | |

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

TOOL DIAGRAM

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54736

DST#: 10

ATTN: Bob Bayer

Test Start: 2013.10.08 @ 08:59:00

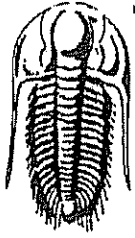
Tool Information

| | | | | |
|---------------------------|--------------------|-----------------------|--------------------------------|------------------------------------|
| Drill Pipe: | Length: 4639.00 ft | Diameter: 3.80 inches | Volume: 65.07 bbl | Tool Weight: 2500.00 lb |
| Heavy Wt. Pipe: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight set on Packer: 30000.00 lb |
| Drill Collar: | Length: 0.00 ft | Diameter: 0.00 inches | Volume: 0.00 bbl | Weight to Pull Loose: 80000.00 lb |
| | | | <u>Total Volume: 65.07 bbl</u> | Tool Chased 0.00 ft |
| Drill Pipe Above KB: | 10.00 ft | | | String Weight: Initial 56000.00 lb |
| Depth to Top Packer: | 4657.00 ft | | | Final 61000.00 lb |
| Depth to Bottom Packer: | ft | | | |
| Interval between Packers: | 28.00 ft | | | |
| Tool Length: | 56.00 ft | | | |
| Number of Packers: | 2 | Diameter: 8.00 inches | | |

Tool Comments:

| Tool Description | Length (ft) | Serial No. | Position | Depth (ft) | Accum. Lengths |
|------------------|-------------|------------|----------|------------|-------------------------------|
| Change Over Sub | 1.00 | | | 4630.00 | |
| Shut In Tool | 5.00 | | | 4635.00 | |
| Hydraulic tool | 5.00 | | | 4640.00 | |
| Jars | 5.00 | | | 4645.00 | |
| Safety Joint | 3.00 | | | 4648.00 | |
| Packer | 5.00 | | | 4653.00 | 28.00 Bottom Of Top Packer |
| Packer | 4.00 | | | 4657.00 | |
| Stubb | 1.00 | | | 4658.00 | |
| Recorder | 0.00 | 6772 | Outside | 4658.00 | |
| Recorder | 0.00 | 8845 | Outside | 4658.00 | |
| Perforations | 22.00 | | | 4680.00 | |
| Bullnose | 5.00 | | | 4685.00 | 28.00 Bottom Packers & Anchor |

Total Tool Length: 56.00



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

15- 19s- 33w Scott Co.

301 S Market ST
Wichita, KS 67202

Collingwood Unit #1

Job Ticket: 54736

DST#: 10

ATTN: Bob Bayer

Test Start: 2013.10.08 @ 08:59:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 50.00 sec/qt
Water Loss: 7.60 in³
Resistivity: 0.00 ohm.m
Salinity: 2800.00 ppm
Filter Cake: 1.00 inches

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

Oil API: 26 deg API
Water Salinity: 30000 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|-----------------------|---------------|
| 120.00 | GOMCW 10g 10o 10m 70w | 1.683 |
| 120.00 | GOCM 10g 30o 60m | 1.683 |
| 660.00 | GO 20g 80o | 9.258 |
| 0.00 | 750' GIP | 0.000 |

Total Length: 900.00 ft Total Volume: 12.624 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments: Oil API: 28 @ 80 degrees= 26 deg API
Water Salinity: .153 @ 84 degrees= 30,000 ppm

