



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1200040
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: _____

1200040

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: <input type="checkbox"/> Yes <input type="checkbox"/> No |
|----------------|-------|---------|------------|---|

| | |
|---|--|
| Date of First, Resumed Production, SWD or ENHR. | Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____ |
|---|--|

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

| | | |
|--|--|---|
| 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> _____ | PRODUCTION INTERVAL: _____ _____ |
|--|--|---|

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | Abernathie Unit 1-3 |
| Doc ID | 1200040 |

All Electric Logs Run

| |
|------------|
| |
| CDL/CNL/PE |
| MEL |
| SON |
| DIL |

| | |
|-----------|-------------------------|
| Form | ACO1 - Well Completion |
| Operator | Lario Oil & Gas Company |
| Well Name | Abernathie Unit 1-3 |
| Doc ID | 1200040 |

Tops

| Name | Top | Datum |
|---------------|------|-------|
| Heebner | 4007 | -888 |
| Lansing | 4055 | -936 |
| Stark Shale | 4346 | -1227 |
| Hushpuckney | 4406 | -1287 |
| Base KC | 4481 | -1362 |
| Marmaton | 4510 | -1391 |
| Pawnee | 4592 | -1473 |
| Ft. Scott | 4612 | -1493 |
| Johnson | 4715 | -1596 |
| Morrow | 4796 | -1677 |
| Basal Penn | 4824 | -1705 |
| Mississippian | 4901 | -1782 |



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142507
Invoice Date: Apr 11, 2014
Page: 1

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 |

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Lario | 62036 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-01 | Oakley | Apr 11, 2014 | 5/11/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|--------------------|-----------------------|------------|----------|
| 1.00 | WELL NAME | Abemathie Unit #1-3 | | |
| | | drilling AFE 14-019 | | |
| 225.00 | CEMENT MATERIALS | Class A Common | 17.90 | 4,027.50 |
| 8.00 | CEMENT MATERIALS | Chloride | 64.00 | 512.00 |
| 236.30 | CEMENT SERVICE | Cubic Feet Charge | 2.48 | 586.02 |
| 530.42 | CEMENT SERVICE | Ton Mileage Charge | 2.60 | 1,379.09 |
| 1.00 | CEMENT SERVICE | Surface | 1,512.25 | 1,512.25 |
| 50.00 | CEMENT SERVICE | Pump Truck Mileage | 7.70 | 385.00 |
| 50.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 220.00 |
| 1.00 | CEMENT SUPERVISOR | Kelly Gabel | | |
| 1.00 | EQUIPMENT OPERATOR | Wayne McGhghy | | |

al
xl

APR 23 2014

xl

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

\$ 2,586.55

ONLY IF PAID ON OR BEFORE
May 6, 2014

| | |
|------------------------|-----------------|
| Subtotal | 8,621.86 |
| Sales Tax | 369.97 |
| Total Invoice Amount | 8,991.83 |
| Payment/Credit Applied | |
| TOTAL | 8,991.83 |

ALLIED OIL & GAS SERVICES, LLC 062036

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:
Oakley, KS

| | | | | | | | |
|--------------------------------|--------------|-------------------|---|------------|---------------------|--------------------------|---------------------------|
| DATE <u>4-11-14</u> | SEC <u>3</u> | TWP <u>19</u> | RANGE <u>34W</u> | CALLED OUT | ON LOCATION | JOB START <u>2:30 AM</u> | JOB FINISH <u>3:00 AM</u> |
| LEASE UNIT <u>Abernethy</u> | | WELL # <u>1-3</u> | LOCATION <u>Scott city W. Wolfen Rd</u> | | COUNTY <u>Scott</u> | STATE <u>KS</u> | |
| OLD OR <u>NEW</u> (Circle one) | | | <u>S to Rd 120 SW SW into</u> | | | | |

CONTRACTOR SOUTHCO #70
 TYPE OF JOB Surface
 HOLE SIZE 12 1/4 T.D. 370
 CASING SIZE 8 5/8 DEPTH 370
 TUBING SIZE _____ DEPTH _____
 DRILL PIPE _____ DEPTH _____
 TOOL _____ DEPTH _____
 PRES. MAX _____ MINIMUM _____
 MEAS. LINE _____ SHOE JOINT _____
 CEMENT LEFT IN CSG. 15'
 PERFS. _____
 DISPLACEMENT 22 1/2 bbl
 EQUIPMENT _____

OWNER Some
 CEMENT
 AMOUNT ORDERED 225 SKS Com 3970 CC.
 COMMON 225 @ 17.00 = 4027.50
 POZMIX @ _____
 GEL @ _____
 CHLORIDE 8 SKS @ 64.00 = 512.00
 ASC @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 HANDLING 236.30 cc-ft @ 2.48 = 586.02
 MILEAGE 1000.157 ton x 50 x 2.50 = 1374.00
(1949.89/30%) TOTAL 6499.62

PUMP TRUCK CEMENTER Kelly Gabe
 # 422 HELPER Wayne McGhee
 BULK TRUCK
 # 386 & 241 DRIVER Juan T (TWS)
 BULK TRUCK
 # _____ DRIVER _____

REMARKS:
Rigged up
Mixed cement
displaced with water
shot in
Cement did circulate
Thank you
Kelly & crew

SERVICE
 DEPTH OF JOB 370.00
 PUMP TRUCK CHARGE 1512.25
 EXTRA FOOTAGE @ _____
 MILEAGE MILV 50 @ 7.70 = 385.00
 MANIFOLD @ _____
MILV 50 @ 4.40 = 220.00
 @ _____
(635.17/30%) TOTAL 2117.25

As Per bid
 CHARGE TO: Lario Oil & Gas
 STREET _____
 CITY _____ STATE _____ ZIP _____

PLUG & FLOAT EQUIPMENT
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
 _____ @ _____
67 TOTAL _____

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 8,616.87
 DISCOUNT 2,585.06 (30%) IF PAID IN 30 DAYS
6,031.80 Net.

PRINTED NAME Sally Stiles
 SIGNATURE Sally Stiles

BID SHEET



| | |
|----------------|---------------------------|
| Date | 4/10/14 |
| Service Point: | Oakley |
| Manager | Terry Heinrich |
| Address | P.O. Box 27 |
| | Oakley, KS 67248 |
| Business Phone | 785-672-3452 |
| E-mail | terry.heinrich@allied.com |
| Mobile | 785-673-9176 |

| | | | | | |
|-----------------|-------------------------|-----------------|---------------------------------|---------------|--------|
| Company | Larlo Oil & Gas Company | Prepared For: | Jay Schweikert | Well Data | |
| Address | 301 S. Market | Title: | Oper. Eng. | Open Hole | 12 1/4 |
| Address | Wichita Kansas, 67202 | Business Phone: | 316-265-5611 | Depth | 350 |
| Well Name | Abernathie Unit | E-mail: | jhschweikert@largoil.com | I.D. | 12.25 |
| Lease | # 1-3 | Mobile Phone: | | Job Excess | 100 |
| Field | | Prepared By: | Heal Rupp | Depth | 350 |
| County | Scott | Title: | Sales & Field Operation Mng. | O.D. | 8.6875 |
| State | Kansas | Business Phone: | 316-260-3368 | I.D. | 7.825 |
| Section | 3 | E-mail: | heal.rupp@alliedoilservices.com | Casing Weight | 24 |
| Township | 19S | Mobile Phone: | 316-250-7057 | Thread | 5YC |
| Range | 34W | Rtg Contractor | Southwind | Grade | J-55 |
| API Number | | Rtg Name | Rtg N 70 | | |
| Proposal Title: | Surface Casing | Rtg Phone | | | |

| | Units | UOM | Cost per Unit | Total | Unit | |
|---|--------|---------------|---------------|-------------|-------------|------------|
| | | | | | Net | Net |
| CJMN - Casing Pump Charge 0 to 300' | 1.00 | (for 6 hours) | \$1,512.25 | \$ 1,512.25 | \$ 1,058.58 | \$1,058.58 |
| | 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 | | | \$ 1,512.25 | | | \$1,058.58 |
| Wooden Plug | 1.00 | Each | \$110.00 | \$ 110.00 | \$ 80.30 | \$80.30 |
| | 0.00 | | \$0.00 | \$ - | \$ - | \$0.00 |
| | 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 | | | \$ 110.00 | | | \$80.30 |
| CAC - CLASS A COMMON | 225.00 | per sack | \$17.90 | \$ 4,027.50 | \$ 12.53 | \$2,819.25 |
| CACL - Calcium Chloride | 8.00 | per sack | \$64.00 | \$ 512.00 | \$ 44.80 | \$358.40 |
| | 0.00 | | \$0.00 | \$ - | \$ - | \$0.00 |
| | 0.00 | | \$0.00 | \$ - | \$ - | \$0.00 |
| | 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 | | | \$ 4,539.50 | | | \$3,177.65 |
| HDLG - Products handling service charge | 236.30 | per cu. ft. | \$2.48 | \$ 586.02 | \$ 1.74 | \$410.22 |
| DRYG - Drayage for products | 545.00 | ton mile | \$2.60 | \$ 1,417.00 | \$ 1.82 | \$991.90 |
| MILV - Light Vehicle Mileage | 50.00 | per mile | \$4.40 | \$ 220.00 | \$ 3.08 | \$154.00 |
| MILHV - Heavy Vehicle Mileage | 50.00 | per mile | \$7.70 | \$ 385.00 | \$ 5.39 | \$269.50 |
| Subtotal | | | \$ 2,608.02 | | | \$1,825.62 |
| | 0.00 | | \$0.00 | \$ - | \$ - | \$0.00 |
| | 0.00 | | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | \$ - | | | \$0.00 |
| Totals: | | | \$ 8,769.77 | | | \$6,142.14 |
| DISCOUNT: Operations | | | 30.0% | (453.68) | | |
| DISCOUNT: Equipment Sales | | | 27.0% | (29.70) | | |
| DISCOUNT: Products | | | 30.0% | (1,361.85) | | |
| DISCOUNT: Transport | | | 30.0% | (702.41) | | |
| DISCOUNT: OTHER | | | 30.0% | 0.00 | | |
| | | | Total: | (2,627.63) | | |



INVOICE

PO Box 93999
Southlake, TX 76092

Invoice Number: 142800
Invoice Date: Apr 24, 2014
Page: 1

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 |

drilling AFE 14-019
5-5-14 LK

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Lario | 62062 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Apr 24, 2014 | 5/24/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|------------------|----------------------------|------------|----------|
| 1.00 | WELL NAME | <u>Abemathie Unit #1-3</u> | | |
| 3.00 | CEMENT MATERIALS | Gel -- No Charge | | |
| 150.00 | CEMENT MATERIALS | ASC | 20.90 | 3,135.00 |
| 310.00 | CEMENT MATERIALS | AMD | 25.90 | 8,029.00 |
| 77.00 | CEMENT MATERIALS | Flo Seal | 2.97 | 228.69 |
| 750.00 | CEMENT MATERIALS | Gilsonite | 0.98 | 735.00 |
| 45.00 | CEMENT MATERIALS | FL-160 | 18.90 | 850.50 |
| 22.00 | CEMENT MATERIALS | Defoamer | 9.80 | 215.60 |
| 12.00 | CEMENT MATERIALS | Super Flush | 58.70 | 704.40 |
| 15.00 | CEMENT MATERIALS | Salt -- No Charge | | |
| 552.86 | CEMENT SERVICE | Cubic Feet Charge | 2.48 | 1,371.09 |
| 1,223.00 | CEMENT SERVICE | Ton Mileage Charge | 2.60 | 3,179.80 |
| 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 |
| 50.00 | CEMENT SERVICE | Pump Truck Mileage | 7.70 | 385.00 |
| 1.00 | CEMENT SERVICE | Manifold Head Rental | 275.00 | 275.00 |
| 50.00 | CEMENT SERVICE | Light Vehicle Mileage | 4.40 | 220.00 |
| 1.00 | EQUIPMENT SALES | 4-1/2 AFU Float Shoe | 425.00 | 425.00 |
| 1.00 | EQUIPMENT SALES | 4-1/2 Latch Down Flex Plug | 272.00 | 272.00 |
| 16.00 | EQUIPMENT SALES | 4-1/2 Centralizer | 57.00 | 912.00 |
| 1.00 | EQUIPMENT SALES | 4-1/2 Basket | 315.00 | 315.00 |

XC
MAY 5 2014
XC

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

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

\$ 9,174.49

ONLY IF PAID ON OR BEFORE
May 19, 2014



INVOICE

PO Box 93999
 Southlake, TX 76092

Invoice Number: 142800
 Invoice Date: Apr 24, 2014
 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 |

| Customer ID | Field Ticket # | Payment Terms | |
|--------------|----------------|---------------|----------|
| Lario | 62062 | Net 30 Days | |
| Job Location | Camp Location | Service Date | Due Date |
| KS1-02 | Oakley | Apr 24, 2014 | 5/24/14 |

| Quantity | Item | Description | Unit Price | Amount |
|----------|-------------------|-----------------|------------|----------|
| 1.00 | EQUIPMENT SALES | 4-1/2 D V Tool | 4,832.00 | 4,832.00 |
| 1.00 | CEMENT SUPERVISOR | Talon Jones | | |
| 1.00 | CEMENT SUPERVISOR | Andrew Forslund | | |

PAID
 MAY 6 2014

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

\$ 9,174.49

ONLY IF PAID ON OR BEFORE
 May 19, 2014

| | |
|------------------------|------------------|
| Subtotal | 31,257.08 |
| Sales Tax | 1,683.32 |
| Total Invoice Amount | 32,940.40 |
| Payment/Credit Applied | |
| TOTAL | 32,940.40 |

ALLIED OIL & GAS SERVICES, LLC 062062

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Winkley, KS

| | | | | | | | |
|--------------------------------|------------------|--|------------------|-----------------------------------|----------------------------|---------------------------|----------------------------|
| DATE <u>4-29-14</u> | SEC. <u>3</u> | TWP. <u>19s</u> | RANGE <u>24W</u> | CALLED OUT | ON LOCATION <u>5:30 pm</u> | JOB START <u>11:30 am</u> | JOB FINISH <u>11:30 am</u> |
| LEASE <u>liberalite</u> | WELL# <u>1-3</u> | LOCATION <u>Scott city ks W to Falcon Rd</u> | | | COUNTY <u>Scott</u> | STATE <u>Ks</u> | |
| OLD OR <u>NEW</u> (Circle one) | | | | <u>1160120 Rd West Scott 1 mi</u> | | | |

| | |
|--|-------------------------|
| CONTRACTOR <u>Southwind #70</u> | OWNER <u>Same</u> |
| TYPE OF JOB <u>long string (2 stg)</u> | |
| HOLE SIZE <u>7 7/8"</u> | T.D. <u>5660 ft</u> |
| CASINO SIZE <u>4 1/2"</u> | DEPTH <u>4925 ft</u> |
| TUBING SIZE | DEPTH |
| DRILL PIPE | DEPTH |
| TOOL <u>D.V.</u> | DEPTH <u>2412 ft</u> |
| PRES. MAX | MINIMUM |
| MEAS. LINE | SHOE JOINT <u>19.75</u> |
| CEMENT LEFT IN CSG. <u>19.75</u> | |
| PERFS. <u>bottom</u> | <u>Top</u> |
| DISPLACEMENT <u>77.99</u> | <u>38.35</u> |

EQUIPMENT

| | |
|-----------------------------|------------------------------|
| PUMP TRUCK # <u>431</u> | CEMENTER <u>Talon Jones</u> |
| | HELPER <u>Andrew Fickler</u> |
| BULK TRUCK # <u>386/241</u> | DRIVER <u>Juan #2 (TWS)</u> |
| BULK TRUCK # <u>891/</u> | DRIVER <u>Breg B. (TWS)</u> |

| | |
|-----------------------------|---|
| CEMENT | AMOUNT ORDERED <u>150 stks ASC 101504</u> |
| | <u>5 # Gilsonite 2" gel - 30 FT HCO - 15 # Deframer</u> |
| | <u>310 stks AMD 1/4" Flo - seal</u> |
| COMMON | @ |
| POZMIX | @ |
| GEL <u>3 stks</u> | @ <u>23.00</u> <u>11/C</u> |
| CHLORIDE | @ |
| ASC <u>150 stks</u> | @ <u>20.90</u> <u>3135.00</u> |
| <u>AMD 310 stks</u> | @ <u>25.90</u> <u>8029.00</u> |
| <u>Flo seal 72 lb.</u> | @ <u>2.92</u> <u>228.69</u> |
| <u>Gilsonite 750 lb</u> | @ <u>.98</u> <u>735.00</u> |
| <u>Fl-166 45 lb</u> | @ <u>18.90</u> <u>850.50</u> |
| <u>Deframer 22 lb</u> | @ <u>9.80</u> <u>215.60</u> |
| <u>12 bbl Super Flush</u> | @ <u>58.70</u> <u>704.40</u> |
| <u>salt 15 stks</u> | @ <u>26.35</u> <u>N/C</u> |
| <u>(30%) Material</u> | @ <u>13.90</u> <u>1977.00</u> |
| HANDLING <u>552.80 unit</u> | @ <u>2.48</u> <u>1371.09</u> |
| MILEAGE <u>2.60 ton/mi</u> | <u>24.76 ton</u> <u>3174.80</u> |

REMARKS:

Pump 12 bbl super flush followed by 150 stks of ASC wash pump & line. Chem Release plus displace plug with water & mud. Hand plug @ 1200 psi. Open D.V Tool @ 800 psi. Plug remove. 100 lb. 15 stks Rate hole 30 stks mix 265 stks. Annul down 4 1/2 casing wash pump. 8-line Chem Release plus displace water. Hand plug 1800 psi.

SERVICE

| | |
|-----------------------|---------------------------------|
| DEPTH OF JOB | <u>4925 ft</u> |
| PUMP TRUCK CHARGE | <u>bottom stage 2765.75</u> |
| EXTRA FOOTAGE top stg | @ <u>2406.75</u> <u>2406.75</u> |
| MILEAGE H.V. 50 mi | @ <u>7.70</u> <u>385.00</u> |
| MANIFOLD <u>Hand</u> | @ <u>275.00</u> <u>275.00</u> |
| <u>L.V 50 mi</u> | @ <u>4.40</u> <u>220.00</u> |

CHARGE TO: Lario Oil & Gas Company
STREET _____
CITY _____ STATE _____ ZIP _____

(3,125.88/30%) TOTAL 10,602.89

PLUG & FLOAT EQUIPMENT

| | | |
|-------------------------------------|----------------|----------------|
| I-R <u>2 4 1/2 AFU Float shoe</u> | @ | <u>425.00</u> |
| <u>1 4 1/2 Inch down plug float</u> | @ | <u>272.00</u> |
| <u>1/2 centralizers</u> | @ <u>52.00</u> | <u>912.00</u> |
| <u>1 Bested</u> | @ | <u>315.00</u> |
| <u>1 D-V Tool</u> | @ | <u>4822.00</u> |

(1,824.14/27%) TOTAL 6,725.00

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 31,257.08
DISCOUNT 9,174.49 (30%/27%) IF PAID IN 30 DAYS

PRINTED NAME Curtis D Keel
SIGNATURE Curtis D Keel

22,082.59 Net.
Bid

BID SHEET



| | |
|----------------|---------------------------------|
| Date | 4/24/14 |
| Service Point: | Oakley |
| Manager | Terry Heinrich |
| Address | P.O. Box 27 Oakley, KS 67748 |
| Business Phone | 785-672-3452 |
| E-mail | terry.heinrich@allied.com |
| Mobile | 785-673-9376 |

| | | | | Well Data | | | |
|-----------------|-------------------------|-----------------|----------------------------------|-------------|-------|---------------|-------|
| Company | Largo Oil & Gas Company | Prepared For: | Jay Schweikert | Open Hole | 7 7/8 | Depth | 4950 |
| Address | 301 S. Market | Title: | Oper. Engr. | | | I.D. | 7.875 |
| Address | Wichita Kansas, 67202 | Business Phone: | 316-265-5611 | | | Job Excess | 25 |
| Well Name | Abzmalhie Unit | E-mail: | jhschweikert@largo.com | Casing Size | 5 1/2 | Depth | 4950 |
| Lease | # 1-3 | Mobile Phone: | | | | O.D. | 5.5 |
| Field | | Prepared By: | Neal Rupp | | | I.D. | 5.012 |
| County | Scott | Title: | Sales & Field Operations Manager | | | Casing Weight | 24 |
| State | Kansas | Business Phone: | 316-260-3369 | | | Thread | 5TC |
| Section | 3 | E-mail: | neal.rupp@redtenet.com | | | Grade | J-55 |
| Township | 19S | Mobile Phone: | 316-250-7057 | | | | |
| Range | 34W | Rig Contractor | Unknown | | | | |
| API Number | | Rig Name | | | | | |
| Proposal Title: | Two-Stage Production | Rig Phone | | | | | |

| | Units | UOM | Cost per Unit | Total | Unit | |
|---|---------|---------------|---------------|--------------|-------------|-------------|
| | | | | | Net | Net |
| C/SO - Casing Pump Charge 4001' to 5000' | 1.00 | (for 6 hours) | \$2,765.75 | \$ 2,765.75 | \$ 1,936.03 | \$1,936.03 |
| | 1.00 | (for 6 hours) | \$2,406.25 | \$ 2,406.25 | \$ 1,684.38 | \$1,684.38 |
| | 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 | | \$3,620.40 |
| ATU Float Shoe | 1.00 | Each | \$545.00 | \$ 545.00 | \$ 397.85 | \$397.85 |
| Latch Down Plug | 1.00 | Each (Blue) | \$325.00 | \$ 325.00 | \$ 237.25 | \$237.25 |
| Stage Collar | 1.00 | Each | \$5,385.00 | \$ 5,385.00 | \$ 3,894.55 | \$3,894.55 |
| Cement Basket | 1.00 | Each | \$395.00 | \$ 395.00 | \$ 288.35 | \$288.35 |
| Centralizer | 16.00 | Each | \$57.00 | \$ 912.00 | \$ 41.63 | \$665.76 |
| | 0.00 | Each | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 7,512.00 | | \$5,483.76 |
| ASCA - ALLIED SPECIAL BLEND CMT. CLASS A | 230.00 | per sack | \$20.90 | \$ 4,807.00 | \$ 14.63 | \$3,364.90 |
| AMDA - ALLIED MULTI-DENS. CMT. CLASS A | 270.00 | per sack | \$25.90 | \$ 6,993.00 | \$ 18.13 | \$4,895.10 |
| FLSL - Flo Seal | 70.00 | per pound | \$2.97 | \$ 207.90 | \$ 2.08 | \$145.53 |
| GILS - Gilsonite | 1150.00 | per pound | \$0.98 | \$ 1,127.00 | \$ 0.69 | \$788.90 |
| FL-160 - FL-160 Fluid Loss Additive Hi-Temp | 65.00 | per pound | \$18.90 | \$ 1,228.50 | \$ 13.23 | \$859.95 |
| PDEF - Powdered Defoamer | 32.00 | per pound | \$9.80 | \$ 313.60 | \$ 6.66 | \$219.52 |
| SPFL - Super Flush | 12.00 | per bbl | \$58.70 | \$ 704.40 | \$ 41.09 | \$493.03 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 15,381.40 | | \$10,766.98 |
| HDLG - Products Handling service charge | 611.60 | per cu. ft. | \$2.48 | \$ 1,516.77 | \$ 1.74 | \$1,051.74 |
| DRYG - Drayage for products | 1350.00 | ton mile | \$2.60 | \$ 3,510.00 | \$ 1.82 | \$2,457.00 |
| MIHV - Light Vehicle Mileage | 50.00 | per mile | \$4.40 | \$ 220.00 | \$ 3.03 | \$154.00 |
| MIHV - Heavy Vehicle Mileage | 50.00 | per mile | \$7.70 | \$ 385.00 | \$ 5.39 | \$269.50 |
| Subtotal | | | | \$ 5,631.77 | | \$3,932.24 |
| CMHD - Cementing Head Rental with Manifold | 1.00 | per day | \$275.00 | \$ 275.00 | \$ 192.50 | \$192.50 |
| | 0.00 | 0.00 | \$0.00 | \$ - | \$ - | \$0.00 |
| Subtotal | | | | \$ 275.00 | | \$192.50 |
| Totals: | | | | \$ 33,972.17 | | \$24,005.88 |
| DISCOUNT: Operations | | | 30.0% | (1,551.60) | | |
| DISCOUNT: Equipment Sales | | | 27.0% | (2,028.24) | | |
| DISCOUNT: Products | | | 30.0% | (4,614.42) | | |
| DISCOUNT: Transport | | | 30.0% | (1,669.53) | | |
| DISCOUNT: OTHER | | | 30.0% | (82.50) | | |
| | | | Total | (9,966.29) | | |

was Bid For 5 1/2 they used
4 1/2 so priced different on
Ticket. Thanks.



| | | |
|-----------------|---------|--------------|
| PAGE | CUST NO | INVOICE DATE |
| 1 of 1 | 1002301 | 05/27/2014 |
| INVOICE NUMBER | | |
| 1717 - 91500146 | | |

Liberal (620) 624-2277
 B LARIO OIL & GAS
 I PO Box: 1093
 L GARDEN CITY
 L KS US 67846
 T
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Abernathie Unit # 1-3
 O LOCATION *Completion AFB-14-019*
 B COUNTY Scott *CR 5/30/14*
 S STATE KS
 I JOB DESCRIPTION Frac Job-New Well
 T JOB CONTACT
 E

| | | | | |
|----------|-------------|--------------------|---------------|------------|
| JOB # | EQUIPMENT # | PURCHASE ORDER NO. | TERMS | DUE DATE |
| 40726309 | 70192 | | Net - 30 days | 06/26/2014 |

For Service Dates: 05/23/2014 to 05/23/2014

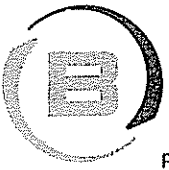
0040726309

171704219A Frac Job-New Well 05/23/2014
Bucket Frac

| | QTY | U o f M | UNIT PRICE | INVOICE AMOUNT |
|--|-----------|---------|------------|----------------|
| ProGel 300 | 10,000.00 | EA | 0.29 | 2,850.00 |
| NE-150L | 5.00 | EA | 39.90 | 199.50 |
| 580 ME Surfactant | 10.00 | EA | 39.90 | 399.00 |
| Claymax KCL Substitute | 5.00 | EA | 33.25 | 166.25 |
| Bio-3 Powdered Biocide | 1.00 | EA | 63.08 | 63.08 |
| Breaker- 10-L | 1.00 | EA | 166.25 | 166.25 |
| 20-40 mesh and smaller | 30.00 | BAG | 29.45 | 883.50 |
| Heavy Equipment Mileage | 100.00 | MI | 6.65 | 665.00 |
| "Unit Mileage Chg (PU, cars one way)" | 100.00 | MI | 4.04 | 403.75 |
| Rock Salt Plug - Mini Blender Charge | 1.00 | EA | 427.50 | 427.50 |
| "Service Supervisor, first 8 hrs on loc. | 1.00 | EA | 166.25 | 166.25 |
| Acid Pump Service | 1.00 | EA | 855.00 | 855.00 |

Handwritten initials and signature

| | | | |
|---------------------------|-------------------------------|---------------|----------|
| PLEASE REMIT TO: | SEND OTHER CORRESPONDENCE TO: | SUB TOTAL | 7,245.08 |
| BASIC ENERGY SERVICES, LP | BASIC ENERGY SERVICES, LP | TAX | 0.00 |
| PO BOX 841903 | 801 CHERRY ST, STE 2100 | INVOICE TOTAL | 7,245.08 |
| DALLAS, TX 75284-1903 | FORT WORTH, TX 76102 | | |



BASICSM
ENERGY SERVICES
PRESSURE PUMPING & WIRELINE

1700 S. Country Estates Rd.
Liberal, Kansas 67905
Phone 620-624-2277

FIELD SERVICE TICKET
1717 04219 A

DATE _____ TICKET NO. _____

| | | | | | | | | |
|-------------------------------------|------------------|--|-----------------------------------|---|------------------------------|------------------------------|----------------------|------|
| DATE OF JOB 5/23/14 | DISTRICT 1717 | NEW WELL <input checked="" type="checkbox"/> | OLD WELL <input type="checkbox"/> | PROD <input type="checkbox"/> | INJ <input type="checkbox"/> | WDW <input type="checkbox"/> | CUSTOMER ORDER NO.: | |
| CUSTOMER Lario Oil & Gas Company | | LEASE Abernathie Unit | | | | | WELL NO. 3 | |
| ADDRESS | | COUNTY Scott | | | STATE KS | | | |
| CITY | | STATE | | SERVICE CREW Juan Maria Hector Mancapito | | | | |
| AUTHORIZED BY Jerry Bennett TRB | | | | JOB TYPE: 2 B 2 | | | | |
| EQUIPMENT# | HRS | EQUIPMENT# | HRS | EQUIPMENT# | HRS | TRUCK CALLED | DATE 5/23/14 5:00 PM | TIME |
| 70230 | 11 | 39575 | 11 | | | ARRIVED AT JOB | 5/23/14 8:00 PM | |
| 70192 | | | | | | START OPERATION | 5/23/14 9:40 PM | |
| 30325 | | | | | | FINISH OPERATION | 5/23/14 10:33 PM | |
| | | | | | | RELEASED | 5/23/14 11:30 PM | |
| | | | | | | MILES FROM STATION TO WELL | | 100 |

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

SIGNED:
(WELL OWNER, OPERATOR, CONTRACTOR OR AGENT)

| ITEM/PRICE REF. NO. | MATERIAL, EQUIPMENT AND SERVICES USED | UNIT | QUANTITY | UNIT PRICE | \$ AMOUNT |
|---------------------|--|------|----------|------------|-----------|
| SY153 | Prociel 300 | GAL | 10,000 | | 3000 00 |
| C1806 | NE-150L (nonionic) | GAL | 5 | | 210 00 |
| C2315 | 880 ME surfactant | GAL | 10 | | 420 00 |
| C704 | Claymax KCL Substitute | GAL | 5 | | 175 00 |
| C604 | Bio-3 Powdered Biocide | LB | 1 | | 66 40 |
| C507 | Breaker-10-L | GA | 1 | | 175 00 |
| P700 | 20-40 mesh and smaller | SK | 30 | | 930 00 |
| E101 | Heavy Equipment Mileage | Mi | 180 | | 780 00 |
| E100 | Unit Mileage Charge-Pickups, small vans, LCGRS | Mi | 100 | | 425 00 |
| B110 | Rock salt plug - mini Blender charge | EA | 1 | | 450 00 |
| S003 | Service Supervisor, first 8 hrs on loc. | EA | 1 | | 175 00 |
| F300 | Acid pump Service (2-4000psi up to 3000 psi) | EA | 1 | | 900 00 |
| SUB TOTAL | | | | | 7,245 05 |

| CHEMICAL / ACID DATA: | | | |
|-----------------------|--|--|--|
| | | | |
| | | | |
| | | | |

| | | |
|---------------------|------------|--|
| SERVICE & EQUIPMENT | %TAX ON \$ | |
| MATERIALS | %TAX ON \$ | |
| TOTAL | | |

| | |
|---|---|
| SERVICE REPRESENTATIVE | THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: |
| (WELL OWNER OPERATOR CONTRACTOR OR AGENT) | |

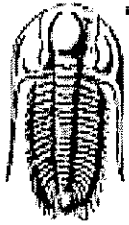
FIELD SERVICE ORDER NO. _____

| | | | | | | | | | | | |
|-----------------------------|------------------|-------------------------|-----------------------|-----------------|-----------------|---------------|-----------------|-------------|-----------------|-----------------------|------------------------------------|
| Customer Lario Oilandgas | Lease No. 1-3 | Lease Bbernath: unit | Field Order # 1717 | Station 1717 | Casing 4 1/2 | Depth 4686 | County Scott | State KS | Type Job 2R2 | Formation Cherokee | Legal Description Sec 3-195-34w |
| Date 5-23-14 | | | | | | | | | | | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | | TREATMENT RESUME | |
|--------------------------|----------------------|------------------|------------------------------|------------|------------|------------------|------|
| Casing Size 4 1/2 | Tubing Size 2 3/8 | Shots/Ft | Acid | RATE | PRESS | ISIP | 1000 |
| Depth 49' | Depth 4637 | From | Pre Pad | Max | 5 Min. | 900 | |
| Volume 77 | Volume 172 | From | 2500 gal Progel 300 | Min | 10 Min. | 850 | |
| Max Press 500 | Max Press 2000 | From | 500 gal Progel 300 | Avg | 15 Min. | 800 | |
| Well Connection 2 3/8 | Annulus Vol. | From | | HHP Used | | | |
| Plug Depth 4637 | Packet Depth 4637 | From | Flush 1108 gal Progel 300 | Gas Volume | Total Load | 202 lbs | |

| | | |
|--|---------------------------------|----------------------------|
| Customer Representative Jo Seph Weber | Station Manager Cory Bennett | Treater Scott Hiestands |
| Service Units 39878 | Driver Suan | |

| Time | Pressure | Casing Pressure | Tubing Pressure | Bbbs. Pumped | Rate | Service Log |
|-------|----------|-----------------|-----------------|--------------|------|----------------------------|
| 8:00 | | | | | | no location |
| 8:30 | | | | | | Safety Meeting Rigging |
| 9:40 | 2000 | | | 1 | | Brineup Ps: Test |
| 9:41 | 50 | | | 1 | 4.0 | Start 2500 gal Pad |
| 9:46 | 1600 | | | 19 | 2.0 | Loaded |
| 9:47 | 1500 | | | 23 | 6.0 | established Rate |
| 9:53 | 1500 | | | 59 | 6.0 | Start 1000 gal 1/4 # 20140 |
| 9:55 | 1500 | | | 78 | 6.0 | 1/4 # OIB 20140 |
| 9:56 | 1500 | | | 83 | 6.0 | Start 2000 gal 1/2 # 20140 |
| 10:01 | 1500 | | | 102 | 6.0 | 1/2 # 20140 OIB |
| 10:06 | 1500 | | | 131 | 6.0 | Start 1000 gal 3/4 # 20140 |
| 10:09 | 1500 | | | 150 | 6.0 | 3/4 # OIB 20140 |
| 10:10 | 1500 | | | 155 | 6.0 | Start 1000 gal 1 # 20140 |
| 10:13 | 1500 | | | 174 | 6.0 | 1 # 20140 OIB |
| 10:13 | 1500 | | | 179 | 6.0 | Start Flush |
| 10:18 | 1500 | | | 202 | | Shut Down |
| 10:18 | 1000 | | | | | 1517 |
| 10:23 | 906 | | | | | 5 |
| 10:28 | 850 | | | | | 10 |
| 10:33 | 800 | | | | | 15 |



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57637

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.04.20 @ 13:05:00

GENERAL INFORMATION:

Formation: **LKC Lower L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 15:18:00

Time Test Ended: 20:57:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 69

Interval: **4431.00 ft (KB) To 4475.00 ft (KB) (TVD)**

Reference Elevations: 3119.00 ft (KB)

Total Depth: 4475.00 ft (KB) (TVD)

3109.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Good

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press@RunDepth: 370.56 psig @ 3767.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.04.20

End Date: 2014.04.20

Last Calib.: 2014.04.20

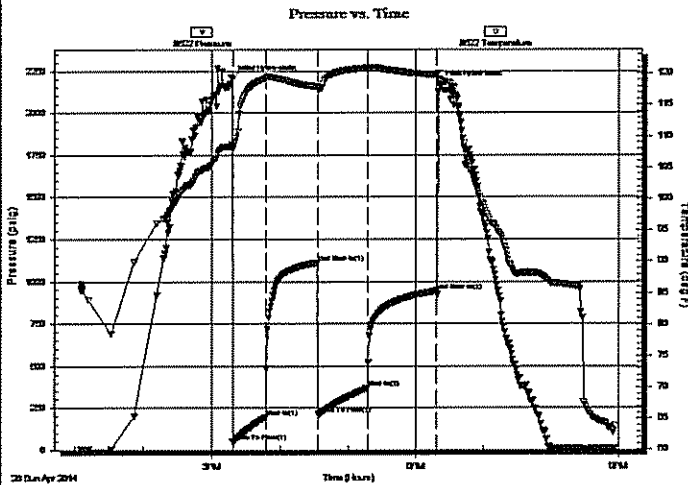
Start Time: 13:05:05

End Time: 20:56:59

Time On Btm: 2014.04.20 @ 15:17:45

Time Off Btm: 2014.04.20 @ 18:21:00

TEST COMMENT: IF: BOB @ 6 1/2 min.
IS: No return.
FF: BOB @ 10 min.
FS: No return.



PRESSURE SUMMARY

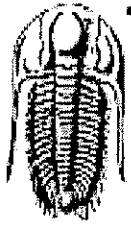
| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2204.37 | 108.66 | Initial Hydro-static |
| 1 | 50.89 | 107.86 | Open To Flow (1) |
| 30 | 196.54 | 119.30 | Shut-In(1) |
| 76 | 1110.18 | 117.88 | End Shut-In(1) |
| 76 | 215.05 | 117.39 | Open To Flow (2) |
| 120 | 370.56 | 120.85 | Shut-In(2) |
| 181 | 943.35 | 119.71 | End Shut-In(2) |
| 184 | 2171.89 | 118.94 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 830.00 | mcw 10m90w (oil spots) | 9.14 |
| | | |
| | | |
| | | |
| | | |

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57637

DST#: 1

ATTN: Mac Armstrong

Test Start: 2014.04.20 @ 13:05:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

53000 ppm

Viscosity: 48.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 10000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|-------------------------|---------------|
| 830.00 | mcw 10m 90w (oil spots) | 9.138 |

Total Length: 830.00 ft

Total Volume: 9.138 bbf

Num Fluid Samples: 0

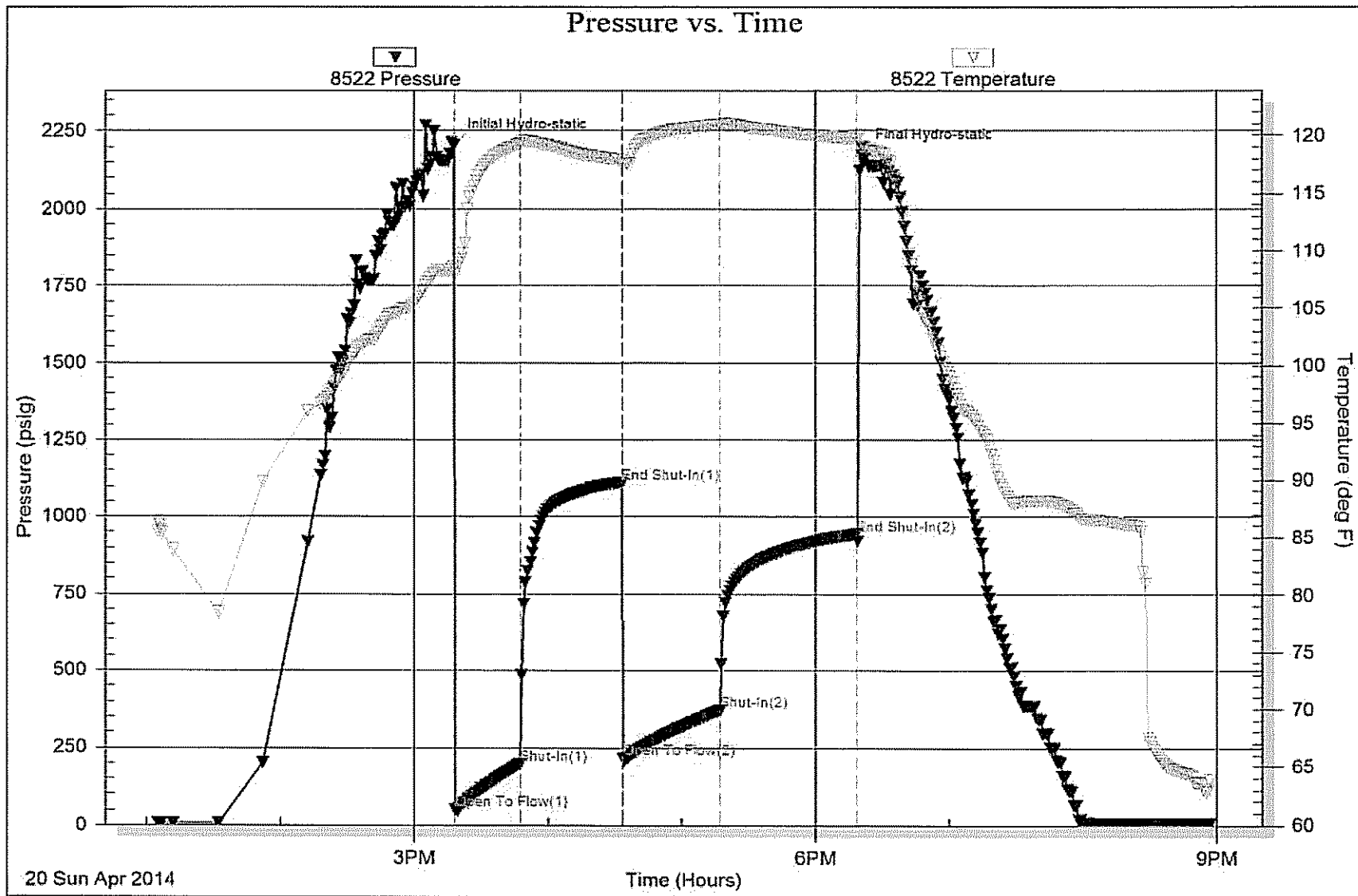
Num Gas Bombs: 0

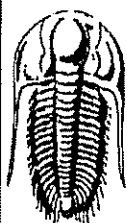
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .160 @ 62F = 53,000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

301 S. Market St.
Wichita, KS 67202

ATTN: Mac Armstrong

3 19s 34w Scott, Ks

Abernathie Unit 1-3

Job Ticket: 57638

DST#: 2

Test Start: 2014.04.21 @ 19:00:00

GENERAL INFORMATION:

Formation: **Marmaton, Pawnee, Ft**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 21:05:15

Time Test Ended: 02:52:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: **4524.00 ft (KB) To 4618.00 ft (KB) (TVD)**

Total Depth: **4618.00 ft (KB) (TVD)**

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

Reference Elevations: **3119.00 ft (KB)**

3109.00 ft (CF)

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

Serial #: 8522 Outside

Press@RunDepth: **124.64 psig @ 4525.00 ft (KB)**

Start Date: **2014.04.21**

End Date:

2014.04.22

Capacity: **8000.00 psig**

Last Calib.: **2014.04.22**

Start Time: **19:00:05**

End Time:

02:52:29

Time On Btm: **2014.04.21 @ 21:05:00**

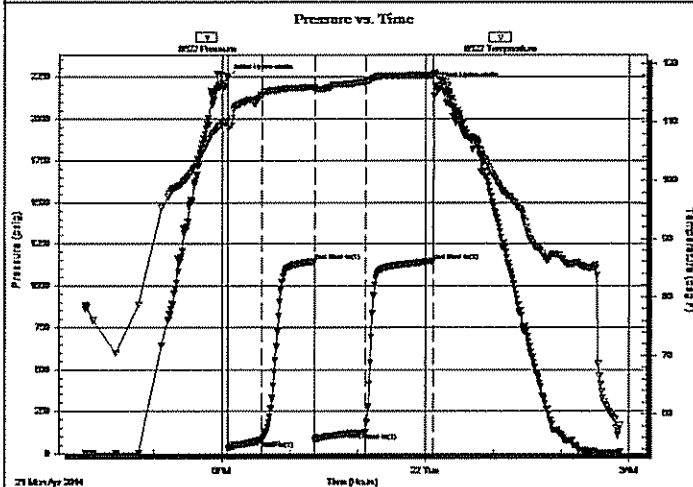
Time Off Btm: **2014.04.22 @ 00:08:15**

TEST COMMENT: IF: BOB @ 15 min.

ISI: No return.

FF: BOB @ 3 min.

FSI: Surface return, died @ 20 min.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|----------------------|
| 0 | 2245.49 | 110.18 | Initial Hydro-static |
| 1 | 31.50 | 108.90 | Open To Flow (1) |
| 30 | 80.09 | 114.59 | Shut-In(1) |
| 77 | 1143.60 | 115.99 | End Shut-In(1) |
| 77 | 77.26 | 115.65 | Open To Flow (2) |
| 122 | 124.64 | 116.88 | Shut-In(2) |
| 182 | 1146.96 | 117.96 | End Shut-In(2) |
| 184 | 2197.71 | 118.17 | Final Hydro-static |

Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------------|--------------|
| 120.00 | gmw co 20g 20m 20w 40o | 1.68 |
| 60.00 | gmco 50g 10m 40o | 0.84 |
| 70.00 | gocm 20g 25o 55m | 0.98 |
| 0.00 | 540' GIP | 0.00 |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57638 **DST#: 2**

ATTN: Mac Armstrong

Test Start: 2014.04.21 @ 19:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 46.00 sec/qt

Cushion Volume:

bbf

Water Loss: 8.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 7500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

| Length ft | Description | Volume bbf |
|--------------|------------------------|---------------|
| 120.00 | gmw co 20g 20m 20w 40o | 1.683 |
| 60.00 | gmco 50g 10m 40o | 0.842 |
| 70.00 | gocm 20g 25o 55m | 0.982 |
| 0.00 | 540' GIP | 0.000 |

Total Length: 250.00 ft Total Volume: 3.507 bbf

Num Fluid Samples: 0

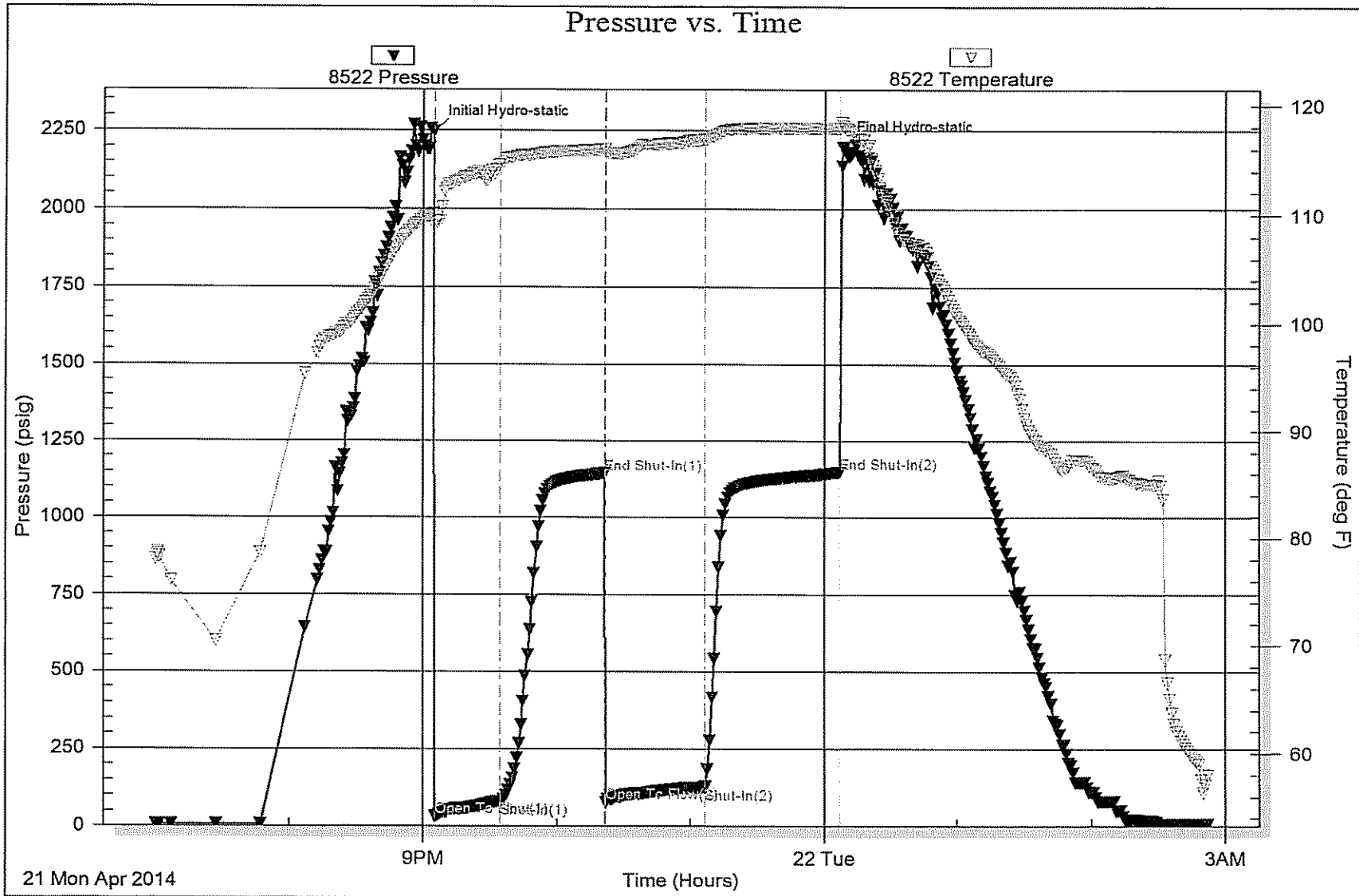
Num Gas Bombs: 0

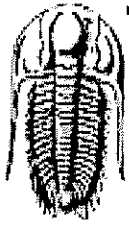
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57639

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.04.22 @ 17:23:00

GENERAL INFORMATION:

Formation: **Cherokee Lime - John**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 19:15:45

Time Test Ended: 00:31:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 69

Interval: 4628.00 ft (KB) To 4712.00 ft (KB) (TVD)

Total Depth: 4628.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 3119.00 ft (KB)

3109.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8522 Outside

Press@RunDepth: 65.81 psig @ 4629.00 ft (KB)

Start Date: 2014.04.22

End Date:

2014.04.23

Start Time: 17:23:05

End Time:

00:31:29

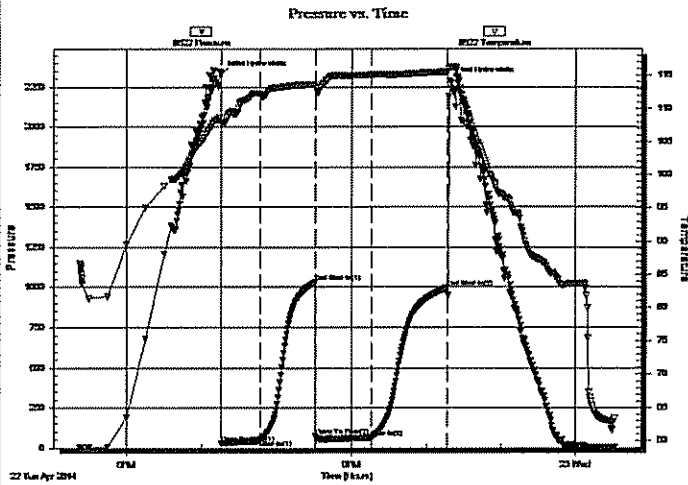
Capacity: 8000.00 psig

Last Calib.: 2014.04.23

Time On Btm: 2014.04.22 @ 19:15:30

Time Off Btm: 2014.04.22 @ 22:19:00

TEST COMMENT: IF: 5" blow.
IS: No return.
FF: BOB @ 25 min.
FS: No return.



PRESSURE SUMMARY

| Time (Min.) | Pressure (psig) | Temp (deg F) | Annotation |
|-------------|-----------------|--------------|---------------------|
| 0 | 2333.03 | 108.61 | Initial Hydro-stall |
| 1 | 27.01 | 107.83 | Open To Flow (1) |
| 31 | 51.00 | 112.31 | Shut-In(1) |
| 75 | 1030.05 | 113.64 | End Shut-In(1) |
| 76 | 77.25 | 113.21 | Open To Flow (2) |
| 120 | 65.81 | 115.12 | Shut-In(2) |
| 182 | 998.15 | 115.60 | End Shut-In(2) |
| 184 | 2290.43 | 116.29 | Final Hydro-static |

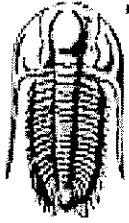
Recovery

| Length (ft) | Description | Volume (bbl) |
|-------------|------------------|--------------|
| 115.00 | gmco 30g 35m 35o | 1.61 |
| 0.00 | 125' GIP | 0.00 |
| | | |
| | | |

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co.

3 19s 34w Scott, Ks

301 S. Market St.
Wichita, KS 67202

Abernathie Unit 1-3

Job Ticket: 57639

DST#: 3

ATTN: Mac Armstrong

Test Start: 2014.04.22 @ 17:23:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 53.00 sec/qt
Water Loss: 7.99 in³
Resistivity: 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: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

| Length ft | Description | Volume bbl |
|--------------|------------------|---------------|
| 115.00 | gmco 30g 35m 35o | 1.613 |
| 0.00 | 125' GIP | 0.000 |

Total Length: 115.00 ft Total Volume: 1.613 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
Laboratory Name: Laboratory Location:
Recovery Comments:

