CONFIDENTIAL

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

# WELL COMPLETION FORM
## WELL HISTORY - DESCRIPTION OF WELL & LEASE

Form ACO-1
September 1999
Form Must Be Typed

ORIGINAL

Operator: License # 5214
Name: Lario Oil & Gas Company
Address: 301 S. Market Street
City/State/Zip: Wichita, KS 67207
Purchaser: Plains
Operator Contact Person: Jay G. Schweikert
Phone: (316) 265-5611
Contractor: Name: Murfin Drilling Co., Inc.
License: 30606
Wellsite Geologist: Tim J. Lauer

RECEIVED
DEC 09 2004
KCC WICHITA

Designate Type of Completion:
✔ New Well ____ Re-Entry ____ Workover
✔ Oil ____ SWD ____ SIOW ____ Temp. Abd.
____ Gas ____ ENHR ____ SIGW
____ Dry ____ Other (Core, WSW, Expl., Cathodic, etc)

KCC
DEC 08 2004
CONFIDENTIAL

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: ____ Original Total Depth:
____ Deepening ____ Re-perf. ____ Conv. to Enhr./SWD
____ Plug Back ____ Plug Back Total Depth
____ Commingled Docket No.
____ Dual Completion Docket No.
____ Other (SWD or Enhr.?) Docket No.

| 8/23/2004 | 8/29/2004 | 10/22/2004 |
|---|---|---|
| Spud Date or Recompletion Date | Date Reached TD | Completion Date or Recompletion Date |

API No. 15 - 051-25334 0000
County: Ellis
__ - se - sw - sw Sec. 24 Twp. 11 S. R. 18 ☐ East ☑ West
330 feet from (S) / N (circle one) Line of Section
990 feet from E / (W) (circle one) Line of Section
Footages Calculated from Nearest Outside Section Corner:
(circle one) NE SE NW (SW)
Lease Name: Marshall E Well #: 24
Field Name: Bemis-Shutts
Producing Formation: Arbuckle
Elevation: Ground: 1961 Kelly Bushing: 1966
Total Depth: 3640 Plug Back Total Depth: 3619
Amount of Surface Pipe Set and Cemented at 276 Feet
Multiple Stage Cementing Collar Used? ☑ Yes ☐ No
If yes, show depth set 2236 Feet
If Alternate II completion, cement circulated from surface
feet depth to 2236 w/ 420 sx cmt.
ALT II-WHM 11-29-06

**Drilling Fluid Management Plan**
*(Data must be collected from the Reserve Pit)*
Chloride content 4,500 ppm Fluid volume 750 bbls
Dewatering method used evaporation
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License No.:
Quarter ____ Sec. ____ Twp. ____ S. R. ____ ☐ East ☐ West
County: ____ Docket No.:

**INSTRUCTIONS:** An original and two copies of this form shall be filed with the Kansas Corporation Commission, 130 S. Market - Room 2078, Wichita, Kansas 67202, within 120 days of the spud date, recompletion, workover or conversion of a well. Rule 82-3-130, 82-3-106 and 82-3-107 apply. Information of side two of this form will be held confidential for a period of 12 months if requested in writing and submitted with the form (see rule 82-3-107 for confidentiality in excess of 12 months). One copy of all wireline logs and geologist well report shall be attached with this form. ALL CEMENTING TICKETS MUST BE ATTACHED. Submit CP-4 form with all plugged wells. Submit CP-111 form with all temporarily abandoned wells.

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.

Signature: Jay G. Schweikert
Title: Operations Engineer Date: 12/8/04

Subscribed and sworn to before me this 8 th day of December, 2004

KATHY L. FORD
Notary Public - State of Kansas
My Appt. Expires 10-22-06

Notary Public: Kathy L. Ford
Date Commission Expires: 10-22-06

**KCC Office Use ONLY**
No **Letter of Confidentiality Attached**
If Denied, Yes ☐ Date:
____ **Wireline Log Received**
____ **Geologist Report Received**
____ **UIC Distribution**

RECEIVED
DEC 09 2004
KCC WICHITA

*Side Two*

Operator Name: Lario Oil & Gas Company Lease Name: Marshall E Well #: 24

Sec. 24 Twp. 11 S. R. 18 ☐ East ☑ West County: Ellis

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

Drill Stem Tests Taken ☑ Yes ☐ No
*(Attach Additional Sheets)*

Samples Sent to Geological Survey ☑ Yes ☐ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☑ Yes ☐ No
*(Submit Copy)*

List All E. Logs Run:

GR-CNL/CDL/PE+DIL+MEL+Sonic

☑ Log Formation (Top), Depth and Datum ☐ Sample

| Name | Top | Datum |
|---|---|---|
| Heebner | 3143 | -1177 |
| Toronto | 3161 | -1195 |
| Lansing A | 3185 | -1219 |
| Stark Shale | 3372 | -1406 |
| Arbuckle | 3498 | -1532 |

CASING RECORD ☑ New ☐ 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 |
|---|---|---|---|---|---|---|---|
| Surface | 12-1/4" | 8-5/8" | 24 | 160 | Common | 160 | 2% gel+3% CC |
| Production | 7-7/8" | 5-1/2" | 14 | 3638 | AA-2 | 110 | 10%Salt+2% DF + 1/4# CF + 0.8% FLA |
| DV Tool | | | | 2236 | A-Con | 420 | 3%CC+1/4# CF |

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

| Shots Per Foot | PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated | Acid, Fracture, Shot, Cement Squeeze Record *(Amount and Kind of Material Used)* | Depth |
|---|---|---|---|
| 4 | 3501' - 3505' | 250 gal 15% MCA | 3505 |
| | | | |
| | | | |
| | | | |
| | | | |

| TUBING RECORD Size | Set At | Packer At | Liner Run |
|---|---|---|---|
| 2-7/8" | 3609 | NA | ☐ Yes ☑ No |

| Date of First, Resumed Production, SWD or Enhr. | Producing Method |
|---|---|
| 10/29/2004 | ☐ Flowing ☑ Pumping ☐ Gas Lift ☐ Other *(Explain)* |

| Estimated Production Per 24 Hours | Oil Bbls. | Gas Mcf | Water Bbls. | Gas-Oil Ratio | Gravity |
|---|---|---|---|---|---|
| | 28 | TSTM | 1322 | NA | 32.2 |

Disposition of Gas METHOD OF COMPLETION Production Interval

☐ Vented ☐ Sold ☑ Used on Lease
*(If vented, Sumit ACO-18.)*

☐ Open Hole ☑ Perf. ☐ Dually Comp. ☐ Commingled _____

☐ Other *(Specify)* _____

# ALLIED CEMENTING CO., INC. 16014

Federal Tax I.D. [redacted]

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT: Russell

| DATE 8/23/04 | SEC. 24 | TWP. 11 | RANGE 18 | CALLED OUT 4:00 PM | ON LOCATION 5:30 PM | JOB START | JOB FINISH 8:15PM |
|---|---|---|---|---|---|---|---|
| LEASE Marshall E | WELL # 24 | | LOCATION Hays 1/4N 2E 2S | | | COUNTY Ells | STATE Ks |
| OLD OR (NEW) (Circle one) | | | | | | | |

CONTRACTOR McPherson
TYPE OF JOB Surface
HOLE SIZE 12¼ T.D. 276'
CASING SIZE 8⅝ DEPTH 275'
TUBING SIZE DEPTH
DRILL PIPE DEPTH
TOOL DEPTH
PRES. MAX MINIMUM
MEAS. LINE SHOE JOINT
CEMENT LEFT IN CSG. 15'
PERFS.
DISPLACEMENT 16.4 bbls

OWNER

**EQUIPMENT**

PUMP TRUCK CEMENTER Bill
# 224 HELPER Paul
BULK TRUCK
# 213 DRIVER Craig
BULK TRUCK
# DRIVER

RECEIVED
DEC 09 2004
KCC WICHITA

**CEMENT**

AMOUNT ORDERED 160 Com Cem 3%CC 2% Gel

| | | | | |
|---|---|---|---|---|
| COMMON | 160 | @ | 7.85 | 1256.00 |
| POZMIX | | @ | | |
| GEL | 3 | @ | 11.00 | 33.00 |
| CHLORIDE | 5 | @ | 33.00 | 165.00 |
| ASC | | @ | | |
| | | @ | | KCC |
| | | @ | | DEC 08 2004 |
| | | @ | | CONFIDENTIAL |
| | | @ | | |
| | | @ | | |
| | | @ | | |
| HANDLING | 168 | @ | 1.35 | 226.80 |
| MILEAGE | 5¢/SK/mile | | | 394.80 |
| | | | TOTAL | 2075.60 |

**REMARKS:**

Ran 6 jts of 8⅝ set @ 275'
Cement w/ 160 sks
pump plug w/ 16.4 bbls of water
Cement did Circ.

**SERVICE**

DEPTH OF JOB
PUMP TRUCK CHARGE 570.00
EXTRA FOOTAGE @
MILEAGE 47 @ 4.00 188.00
1-8⅝ wood @ 55.00 55.00
@
@
TOTAL 813.00

CHARGE TO: Lario Oil & Gas
STREET
CITY STATE ZIP

**PLUG & FLOAT EQUIPMENT**

MANIFOLD @
@
@
@
@
TOTAL

TAX
TOTAL CHARGE
DISCOUNT IF PAID IN 30 DAYS

To Allied Cementing Co., Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper 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 & understand the "TERMS AND CONDITIONS" listed on the reverse side.

SIGNATURE Larry Pickner

LARRY PICKNER
PRINTED NAME

ACID SERVICES, LLC

**SALES OFFICE:**
100 S. Main
Suite #607
Wichita KS 67202
(316) 262-3699
(316) 262-5799 FAX

**SALES & SERVICE OFFICE:**
10244 NE Hiway 61
P.O. Box 8613
Pratt, KS 67124-8613
(620) 672-1201
(620) 672-5383 FAX

**SALES & SERVICE OFFICE:**
1700 S. Country Estates Rd.
P.O. Box 129
Liberal, KS 67905-0129
(620) 624-2277
(620) 624-2280 FAX



CONFIDENTIAL

# Invoice

*Bill to:* 5138010

LARIO OIL & GAS
P.O. Box 784
Hays, KS 67601



| Invoice | Invoice Date | Order | Order Date |
|---|---|---|---|
| 408153 | 8/31/04 | 8012 | 8/30/04 |

**Service Description**

Cement - Long String casing

AFE # 04-145

| Lease | Well |
|---|---|
| Marshall E | 24 |

| AFE | CustomerRep | Treater | Well Type | Purchase Order | Terms |
|---|---|---|---|---|---|
| 04-145 | T. Berens | C. Messick | New Well | | Net 30 |

| ID. | Description | UOM | Quantity | Unit Price | Price | |
|---|---|---|---|---|---|---|
| D205 | AA2 (COMMON) | SK | 110 | $14.75 | $1,622.50 | (T) |
| D201 | A-CON BLEND (COMMON) | SK | 420 | $14.15 | $5,943.00 | (T) |
| C195 | FLA-322 | LB | 84 | $7.50 | $630.00 | (T) |
| C221 | SALT (Fine) | GAL | 628 | $0.25 | $157.00 | (T) |
| C243 | DEFOAMER | LB | 21 | $3.45 | $72.45 | (T) |
| C194 | CELLFLAKE | LB | 125 | $2.00 | $250.00 | (T) |
| C310 | CALCIUM CHLORIDE | LBS | 1185 | $0.80 | $948.00 | (T) |
| C302 | MUD FLUSH | GAL | 500 | $0.75 | $375.00 | (T) |
| C141 | CC-1, KCL SUBSTITUTE | GAL | 8 | $42.00 | $336.00 | (T) |
| F251 | TWO STAGE CEMENT COLLAR, 5 1/2" | EA | 1 | $4,250.00 | $4,250.00 | (T) |
| F181 | LATCH DOWN PLUG & BAFFLE, 5 1/2" | EA | 1 | $575.00 | $575.00 | (T) |
| F191 | GUIDE SHOE-REGULAR, 5 1/2" | EA | 1 | $185.00 | $185.00 | (T) |
| F121 | BASKET, 5 1/2" | EA | 1 | $205.00 | $205.00 | (T) |
| F800 | THREADLOCK COMPOUND KIT | EA | 2 | $30.00 | $60.00 | (T) |
| E104 | PROPPANT / BULK DELIV SERVICES/TON MILE, $200 MIN | TM | 3119 | $1.50 | $4,678.50 | |
| E107 | CEMENT SERVICE CHARGE | SK | 530 | $1.50 | $795.00 | |
| E100 | HEAVY VEHICLE MILEAGE - 1 WAY | MI | 125 | $3.50 | $437.50 | |
| E101 | CAR, PICKUP OR VAN MILEAGE - 1 WAY | MI | 125 | $2.00 | $250.00 | |
| R208 | CASING CEMENT PUMPER, 3501-4000' 1ST 4 HRS ON LOC | EA | 1 | $1,680.00 | $1,680.00 | |
| R701 | CEMENT HEAD RENTAL | EA | 1 | $250.00 | $250.00 | |

SEP 22 2004

| | |
|---|---|
| *Sub Total:* | $23,699.95 |
| *Discount:* | $5,925.27 |
| *Discount Sub Total:* | $17,774.68 |
| *Ellis County & State Tax Rate:* 5.30% *Taxes:* | $620.45 |
| *Total:* | $18,395.13 |

*(T) Taxable Item*

9-21-04

PLEASE REMIT TO Acid Services, LLC, Dept No 1131 , Tulsa, OK 74182

**Accounts become past due the last day of the month following billing. Interest rate 1.5% per month (18% per year) on past due accounts.**

KCC

DEC 0 8 2004

CONFIDENTIAL

# TREATMENT REPORT

ACID SERVICES LLC

| | | | | | |
|---|---|---|---|---|---|
| Customer ID | | | | Date | 8-30-04 |
| Customer | Larvo Oil and Gas | | | | |
| Lease | Marshall E. | | | Lease No. | Well # 24 |
| Field Order # 8012 | Station Pratt | Casing 5½" 14# | Depth 3638 | County Ellis | State Ks. |
| Type Job Cement- New Well | | Formation | | Legal Description 24-11S-18W | |

| PIPE DATA | | PERFORATING DATA | | FLUID USED | TREATMENT RESUME | | |
|---|---|---|---|---|---|---|---|
| Casing Size 5½" 14# | Tubing Size | Shots/Ft | | Cement Acid Bottum Stage 110sacks AA-2 with. | RATE | PRESS | ISIP |
| Depth 3638 | Depth | From | To | Pre Pad .2% Defoamer, .8% | Max | | 5 Min. |
| Volume 88.76 | Volume | From | To | Pad Fla-322, 10% Salt, ¼" cell flake | Min | | 10 Min. |
| Max Press | Max Press | From | To | Frac Top Stage 420sacks A-Con. with | Avg | | 15 Min. |
| Well Connection Latch Down | Annulus Vol. | From | To | 3% C.C., | HHP Used | | Annulus Pressure |
| Plug Depth 3624' Baff | Packer Depth | From | To | Flush .25% Cell flake | Gas Volume | | Total Load |

Customer Representative: Tom Berens | Station Manager: Dave Autry | Treater: Clarence R. Messick

Service Units: 109 | 120 | 380 | 457 | 346 | S76 | 381 | S72

| Time | Casing Pressure | Tubing Pressure | Bbls. Pumped | Rate | Service Log |
|---|---|---|---|---|---|
| 2:30 | | | | | Murfin Drilling ran regular guide shoe, 1 jt. with latch down baffle on top collar, 34 jts of 14# 5½" casing with centralizers on joints # 1, 3, 6, 9, 33, 35 and D.V. Tool on bottom of joint #34 with a cement basket above it. Ran a total of 87 jts. |
| | | | | | RECEIVED DEC 09 2004 KCC WICHITA |
| 3:00 | | | | | Trucks on location and hold Safety meeting |
| 4:15 | | | | | Pipe in hole and break circulation with mud pump. |
| 6:15 | | | 5 | 5 | Hook up to pump truck and start Pre-Flush $H_2O$ |
| | | | 17 | | Mud Flush |
| | | | 22 | | $H_2O$ |
| 6:17 | | | | 5 | Start mix 110 sks. AA-2 cement |
| | | | 60 | | Stop pumping, wash pump & line and load bottum plug & he |
| 6:25 | | | | 6 | Start 2% HCL Flush |
| | | | 40 | 5 | Start Drilling Mud Flush |
| 6:40 | 1500 | | 88.5 | | Plug down. |
| 6:57 | 700 | | | | Open D.V. Tool |
| | | | | | Circulate with rig mud pump |
| 8:50 | | | | 6 | Start mix 420 sacks A-Con. |
| 9:30 | | | 220 | 6 | Start Displacement |
| | | | 278 | | Plug down Circulate 40 sacks cement to the pit |
| | | | | | Job Complete - Thanks - Clarence R. Messick |

10244 NE Hiway 61 • P.O. Box 8613 • Pratt, KS 67124-8613 • Phone (620) 672-1201 • Fax (620) 672-5383

White - Accounting • Canary - Customer • Pink - Field Office

Taylor Printing, Inc.