



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1213763  
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
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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: \_\_\_\_\_

1213763

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

<b>DISPOSITION OF GAS:</b> <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<b>METHOD OF COMPLETION:</b> <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> _____	<b>PRODUCTION INTERVAL:</b> _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Rosas Trust 2-17
Doc ID	1213763

All Electric Logs Run

MAI/MFE
MPD/MDN
MSS
MML

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Rosas Trust 2-17
Doc ID	1213763

Tops

Name	Top	Datum
Heebner	3994	-791
Lansing	4042	-839
Stark Shale	4346	-1143
Hushpuckney	4401	-1198
Base KC	4493	-1290
Marmaton	4528	-1325
Pawnee	4638	-1435
Ft. Scott	4656	-1453
Johnson	4770	-1567
Morrow	4875	-1672
Mississippian	5017	-1814
St. Louis	5022	-1819





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 144458  
Invoice Date: Jul 19, 2014  
Page: 1

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

<b>Bill To:</b>
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Field Ticket #	Payment Terms	
Lario	63261	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jul 19, 2014	8/18/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Rosas Trust #2-171		
115.00	CEMENT MATERIALS	ASC	23.50	2,702.50
475.00	CEMENT MATERIALS	Light Weight	19.88	9,443.00
575.00	CEMENT MATERIALS	Gilsonite	0.98	563.50
32.00	CEMENT MATERIALS	FL-160	18.90	604.80
17.00	CEMENT MATERIALS	Defoamer	4.85	82.45
119.00	CEMENT MATERIALS	Flo Seal	2.97	353.43
12.00	CEMENT MATERIALS	Mud Flush	25.00	300.00
676.86	CEMENT SERVICE	Cubic Feet Charge	2.48	1,678.61
1,291.00	CEMENT SERVICE	Ton Mileage Charge	2.75	3,550.25
1.00	CEMENT SERVICE	Production -- Bottom Stage	3,099.25	3,099.25
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	5-1/2 AFU Float Shoe	545.00	545.00
1.00	EQUIPMENT SALES	5-1/2 Latch Down with Plug	660.00	660.00
1.00	EQUIPMENT SALES	5-1/2 D V Tool	5,335.00	5,335.00
1.00	EQUIPMENT SALES	5-1/2 Basket	395.00	395.00
16.00	EQUIPMENT SALES	5-1/2 Centralizer	57.00	912.00
1.00	CEMENT SUPERVISOR	Kelly Gabel		

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

\$ 10,566.58

ONLY IF PAID ON OR BEFORE  
Aug 18, 2014

Subtotal	Continued
Sales Tax	Continued
Total Invoice Amount	Continued
Payment/Credit Applied	
<b>TOTAL</b>	<b>Continued</b>



# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 144458  
Invoice Date: Jul 19, 2014  
Page: 2

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

<b>Bill To:</b>
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Field Ticket #	Payment Terms	
Lario	63261	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Jul 19, 2014	8/18/14

Quantity	Item	Description	Unit Price	Amount
1.00	EQUIPMENT OPERATOR	Wayne McGhghy		
1.00	OPERATOR ASSISTANT	Wayne Messalle		

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

\$ 10,566.58

ONLY IF PAID ON OR BEFORE  
Aug 18, 2014

Subtotal	33,511.04
Sales Tax	1,784.58
Total Invoice Amount	35,295.62
Payment/Credit Applied	
<b>TOTAL</b>	<b>35,295.62</b>

# ALLIED OIL & GAS SERVICES, LLC 063264

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:  
Oakley, KS

DATE	SEC.	TVP.	RANGE	CALLED OUT	ON LOCATION	JOB START	JOB FINISH
7-19-14	17	19	35		12:30 PM	10:00 AM	11:00 AM
LEASE <u>Rose Hill</u> WELL # <u>2-17</u>		LOCATION <u>Marionthal (R22) 65 E. 11th</u>		COUNTY	STATE		
OLD OR <u>NEW</u> (Circle one)				<u>Wichita</u>	<u>Ks</u>		

CONTRACTOR NO. 1 #1  
TYPE OF JOB Drill - DV  
HOLE SIZE 7 7/8 T.D. 5200'  
CASING SIZE 5 1/2 14# DEPTH 4793  
TUBING SIZE \_\_\_\_\_ DEPTH \_\_\_\_\_  
DRILL PIPE \_\_\_\_\_ DEPTH \_\_\_\_\_  
TOOL DV \_\_\_\_\_ DEPTH 2414'  
PRES. MAX \_\_\_\_\_ MINIMUM \_\_\_\_\_  
MEAS. LINE \_\_\_\_\_ SHOE JOINT 42.15  
CEMENT LEFT IN CSG. 42.15  
PERFS. \_\_\_\_\_  
DISPLACEMENT 116.50  
EQUIPMENT \_\_\_\_\_

OWNER Some  
CEMENT  
AMOUNT ORDERED 115 SKS ASC 11/20/14  
5# Gilsenite 375# 2nd 10# Fl-160. 15# 1st  
Decemer, 475 SKS lite Trypel 1/2# 10#  
COMMON \_\_\_\_\_ @ \_\_\_\_\_  
POZMIX \_\_\_\_\_ @ \_\_\_\_\_  
GEL \_\_\_\_\_ @ \_\_\_\_\_  
CHLORIDE \_\_\_\_\_ @ \_\_\_\_\_  
ASC 115 SKS @ 23.00 2702.50  
lite 475 SKS @ 19.88 9443.00  
Gilsenite 375# @ 1.98 563.00  
Fl-160 32# @ 18.20 604.80  
Decemer 17# @ 4.22 82.40  
Wasee 1 119# @ 2.92 353.75  
mud flush 12661 @ 25.00 300.00  
National 7.160 @ \_\_\_\_\_ 1409.00  
HANDLING 6% 8600 @ 2.20 1678.01  
MILEAGE 23.82201 x 2.25 3557.35

PUMP TRUCK CEMENTER Kelly G  
# 4231281 HELPER Wayne Mc  
BULK TRUCK  
# 8926341 DRIVER Juan T (Tus)  
BULK TRUCK  
# 8911287 DRIVER Wayne Mc

**REMARKS:**

Rigged up dumped mud flush  
milled 115 SKS ASC released plug  
displaced with 55 bbl water &  
65 bbl mud lit pressure 850# plug  
landed @ 1500', dropped PV Pump, opened  
circulation for 3 hrs, plugged 14  
5MT, mixed lite cement, released plug  
displaced with water. Thank You  
lit 95# landed @ 1900' Kellys crew  
Cement did circulate  
CHARGE TO: Lorion Oil & Gas

TOTAL \_\_\_\_\_

**SERVICE**

DEPTH OF JOB \_\_\_\_\_ 4793'  
PUMP TRUCK CHARGE \_\_\_\_\_ 3089.35 2406.35  
EXTRA FOOTAGE \_\_\_\_\_ @ \_\_\_\_\_  
MILEAGE MILV 50 @ 7.20 335.00  
MANIFOLD Head @ \_\_\_\_\_ 275.00  
MILV 50 @ 4.40 222.00

TOTAL 11,611.36

STREET \_\_\_\_\_  
CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

ASPER Bld

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.

PRINTED NAME MIKE KETTER

SIGNATURE [Signature]

**PLUG & FLOAT EQUIPMENT**

(5 1/2) weatherford  
3# float shoe @ \_\_\_\_\_ 545.00  
latch down 6" plug @ \_\_\_\_\_ 660.00  
Dr Tool @ \_\_\_\_\_ 5335.00  
Rosket @ \_\_\_\_\_ 395.00  
Centralizers-16 @ 57.25 912.00

TOTAL 2,847.00

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 33,511.04

DISCOUNT 10,566.58 (31.5%) IF PAID IN 30 DAYS

22,944.46 Net.





# INVOICE

PO Box 93999  
Southlake, TX 76092

Invoice Number: 144322

Invoice Date: Jul 8, 2014

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

Page: 1

<b>Bill To:</b>
Lario Oil & Gas Co. Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

Customer ID	Field Ticket #	Payment Terms	
Lario	63351	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jul 8, 2014	8/7/14

Quantity	Item	Description	Unit Price	Amount
1.00	WELL NAME	Rosas Trust #2-17		
225.00	CEMENT MATERIALS	Class A Common	17.90	4,027.50
635.00	CEMENT MATERIALS	Chloride	1.10	698.50
237.56	CEMENT SERVICE	Cubic Feet Charge	2.48	589.15
544.61	CEMENT SERVICE	Ton Mileage Charge	2.75	1,497.68
1.00	CEMENT SERVICE	Surface	1,512.25	1,512.25
50.00	CEMENT SERVICE	Pump Truck Mileage	7.70	385.00
1.00	CEMENT SERVICE	Manifold Rental	275.00	275.00
50.00	CEMENT SERVICE	Light Vehicle Mileage	4.40	220.00
1.00	EQUIPMENT SALES	8-5/8 Wooden Plug	110.00	110.00
1.00	CEMENT SUPERVISOR	Alan Ryan		
1.00	EQUIPMENT OPERATOR	Kevin Ryan		

Subtotal	9,315.08
Sales Tax	394.13
Total Invoice Amount	9,709.21
Payment/Credit Applied	
<b>TOTAL</b>	<b>9,709.21</b>

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

\$ 2,761.52

ONLY IF PAID ON OR BEFORE  
Aug 7, 2014

# ALLIED OIL & GAS SERVICES, LLC 063351

Federal Tax I.D. # 20-8651475

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

SERVICE POINT:

Dakota

DATE <u>7/2/14</u>	SEC. <u>17</u>	TWP. <u>19</u>	RANGE <u>35</u>	CALLED OUT	ON LOCATION	JOB START <u>3:30</u>	JOB FINISH <u>4:00</u>
LEASE <u>Boyer Trust</u> WELL# <u>2-17</u>		LOCATION <u>Morice Trail RR 206 S W 1st</u>					
OLD OR NEW (Circle one) <u>NEW</u>		COUNTY <u>Wichita</u>		STATE <u>KY</u>			

CONTRACTOR Val 1

TYPE OF JOB Surface

HOLE SIZE 11 1/4 T.D. 370

CASING SIZE 8 1/2 DEPTH 370

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 22.101

OWNER Same

CEMENT AMOUNT ORDERED 225 Com 370 CC

EQUIPMENT

PUMP TRUCK CEMENTER Alan Ryan

# 423-281 HELPER Kevin Ryan

BULK TRUCK

# 573 DRIVER Tim M (TWS)

BULK TRUCK

# DRIVER

COMMON <u>225</u>	@ <u>17.24</u>	<u>4027.50</u>
POZMIX	@	
GEL	@	
CHLORIDE <u>6.35</u>	@ <u>1.10</u>	<u>6.9850</u>
ASC	@	
<u>Intermediate Tint</u>	@	<u>4.72500</u>
<u>(1411.00/308)</u>	@	
HANDLING <u>237.56 CF</u>	@ <u>2.48</u>	<u>589.16</u>
MILEAGE <u>21.700/mile</u>	@	<u>1497.68</u>

REMARKS:

Run Csg, Complete, Mix Cement, Displace Cement, Shut in

Great Job Gruders

Thank You Alan, Kevin, Tim M

CHARGE TO: Laria Oil & Gas

STREET \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

TOTAL \_\_\_\_\_

SERVICE

DEPTH OF JOB \_\_\_\_\_

PUMP TRUCK CHARGE 1572.25

EXTRA FOOTAGE @ \_\_\_\_\_

MILEAGE 50 miles @ 7.70 385.00

MANIFOLD Wichita 50 miles @ 4.40 220.00

(1313.72/308) TOTAL 4,479.09

PLUG & FLOAT EQUIPMENT

8 1/2" Wood Plug @ 110.00

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

\_\_\_\_\_ @ \_\_\_\_\_

(0.00) TOTAL 110.00

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.

PRINTED NAME Robert W. Mickelthwait

SIGNATURE Robert W. Mickelthwait

SALES TAX (If Any) \_\_\_\_\_

TOTAL CHARGES 9,313.09

DISCOUNT 2,741.52 (308) IF PAID IN 30 DAYS

Bid 6,553.56 Net.

BID SHEET



Hide/Unhide Rows

Date	June 17, 2014
Ticket Number	
Service Point	Oakley, KS
Address	P.O. Box 27
	Oakley, KS 67748
Business Phone	785-672-3452

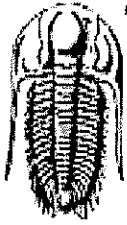
Manager	Terry Heinrich
E-mail	terry.heinrich@alliedservices.com
Mobile Phone	785-672-9376

Company	Lario Oil & Gas	Prepared For:	Jay Schweikert	Well Data	
Address	301 S Market	Business Phone:	316-265-5611	Open Hole	12 1/4
Address	Wichita, KS 67202	Email:	jschweikert@lariooil.com	Depth	340
Well Name	Rosas Fruit	Mobile Phone:		String	O1 Surface
Well Number	# 2-17	Prepared By:	Neal Rupp	Casing Size	8 5/8
Field	NW, SW, SW, Sec: 17 - T19S - R3	Email	neal.rupp@alliedservices.com	ID	8.095
County	Wichita	Mobile Phone:	316-250-7057	Weight	24.0
State	Kansas	Business Phone:	316-260-3368	Grade	J-55
City		Rig Contractor		Top (md)	
API Number		Rig Name/No.		Btm (md)	340
Specific Job Type	O1 Surface	Rig Phone:		Thread	LTC
		Company Rep			
		Rep Phone No.			
		Mileage (one-way)	50		
		Proposal Date	6/17/2014		

OPERATIONS	Units	UOM	Cost per Unit	Total	Unit Net	Net	Cost per Unit	Cost Total	\$ GP	% GP
Casing Pump Charge 0' to 500'	1.00	for 4 hours	\$1,512.25	\$ 1,512.25	\$ 1,058.58	\$1,058.58				
Cementing Head Rental with Manifold	1.00	per day	\$275.00	\$ 275.00	\$ 192.50	\$192.50				
Subtotal				\$ 1,787.25		\$1,251.08				
EQUIPMENT SALES										
8 5/8 Wooden Plug	1.00	each	\$110.00	\$ 110.00	\$ 110.00	\$110.00	\$57.19	\$57.19	\$52.81	48.0%
Subtotal				\$ 110.00		\$110.00		\$57.19	\$52.81	48.01%
PRODUCTS										
CLASS A COMMON	225.00	per sack	\$17.90	\$ 4,027.50	\$ 12.53	\$2,819.25	\$0.00	\$0.00	\$2,819.25	100.0%
Calcium Chloride	635.00	per pound	\$1.10	\$ 698.50	\$ 0.77	\$488.95	\$15.00	\$9,525.00	-\$9,036.05	-1848.1%
Subtotal				\$ 4,726.00		\$3,308.20		\$9,525.00	-\$6,216.80	-187.92%
TRANSPORT										
Products handling service charge	237.56	per cu. Ft.	\$2.48	\$ 589.16	\$ 1.74	\$412.41				
Drayage for Products	544.61	ton-mile	\$2.75	\$ 1,497.69	\$ 1.93	\$1,048.38				
Light Vehicle Mileage	50.00	per mile	\$4.40	\$ 220.00	\$ 3.03	\$154.00				
Heavy Vehicle Mileage	50.00	per mile	\$7.70	\$ 385.00	\$ 5.39	\$269.50				
Subtotal				\$ 2,691.84		\$1,884.29				
Totals:				\$ 9,315.09		\$6,553.57				
DISCOUNT: Operations			30.0%	(536.18)						
DISCOUNT: Equipment Sales			0.0%	0.00						
DISCOUNT: Products			30.0%	(1,417.80)						
DISCOUNT: Transport			30.0%	(807.55)						
DISCOUNT: ADDITIONAL ITEMS			30.0%	0.00						
Total				(2,761.53)						

Services Total	Gross \$4,479.09	Discount \$1,343.73	Final \$3,135.37	Costs:	\$ GP	% GP	
Materials Total	\$4,836.00	\$1,417.80	\$3,418.20	Services	\$1,410.91	\$1,724.45	55.00%
Final Total	\$9,315.09	\$2,761.53	\$6,553.57	Materials	\$9,582.19	-\$6,163.99	-180.33%
				Total	\$10,993.10	\$4,439.54	-67.74%

ADDITIONAL ITEMS	Units	UOM	Cost per Unit	Total	Unit Net	Net
Additional hours, in excess of set hours	1.00	per hour	\$400.00	\$ 400.00	\$ 308.00	\$308.00



**TRILOBITE TESTING, INC**

# DRILL STEM TEST REPORT

Lario Oil; & Gas

17-19s-35w Wichita, Ks

301 S Market  
Wichita, Ks  
67202

Rosas Trust #2-17

Job Ticket: 57303

DST#: 1

ATTN: Ian Bosmeijer

Test Start: 2014.07.15 @ 07:40:48

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: 0.00 ft (KB)

Time Tool Opened: 09:37:18

Time Test Ended: 13:09:03

Test Type: Conventional Bottom Hole (Initial)

Tester: Shane McBride

Unit No: 55

Interval: 4534.00 ft (KB) To 4588.00 ft (KB) (TVD)

Reference Elevations: 3203.00 ft (KB)

Total Depth: 4588.00 ft (KB) (TVD)

3193.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

Serial #: 6771 Inside

Press@RunDepth: 21.76 psig @ 4535.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2014.07.15

End Date: 2014.07.15

Last Calib.: 2014.07.15

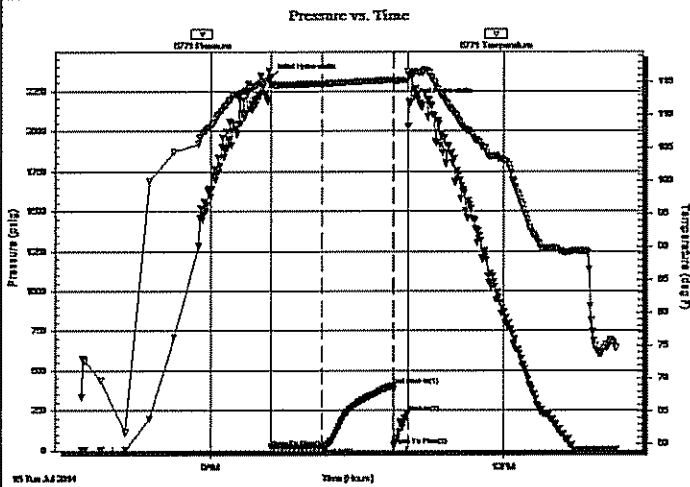
Start Time: 07:40:48

End Time: 13:09:03

Time On Btm: 2014.07.15 @ 09:37:03

Time Off Btm: 2014.07.15 @ 11:01:48

TEST COMMENT: 1/2" in blow died in 22 min.  
No return  
Lost packer seat on 2nd open tried to reset failed again pull tool



## PRESSURE SUMMARY

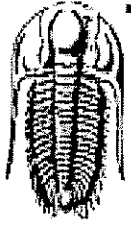
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2339.23	115.56	Initial Hydro-static
1	18.80	114.46	Open To Flow (1)
32	21.76	114.78	Shut-In(1)
76	405.80	115.35	End Shut-In(1)
76	30.84	115.22	Open To Flow (2)
85	233.17	115.37	Shut-In(2)
85	2186.78	116.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
450.00	mud 100% m	6.31

## Gas Rates

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



**TRILOBITE  
TESTING, INC**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Lario Oil; & Gas

17-19s-35w Wichita, Ks

301 S Market  
Wichita, Ks  
67202

Rosas Trust #2-17

Job Ticket: 57303

DST#: 1

ATTN: Ian Bosmeijer

Test Start: 2014.07.15 @ 07:40:48

**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: 56.00 sec/qt

Cushion Volume:

bbl

Water Loss: 9.59 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 6200.00 ppm

Filter Cake: 1.00 inches

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
450.00	mud 100% m	6.312

Total Length: 450.00 ft

Total Volume: 6.312 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

