



Confidentiality Requested:

Yes  No

KANSAS CORPORATION COMMISSION 1131235  
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: \_\_\_\_\_



1131235

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
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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> _____
---	--

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	JF Group B 1-24
Doc ID	1131235

All Electric Logs Run

MAI/MFE
MML
MSS
SGS
MPD/MDN

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	JF Group B 1-24
Doc ID	1131235

Tops

Name	Top	Datum
Heebner	3951	-770
Lansing	3999	-818
Stark Shale	4311	-4330
Hushpuckney	4365	-1184
Base KC	4457	-1276
Marmaton	4487	-1306
Pawnee	4589	-1408
Ft. Scott	4610	-1429
Johnson	4721	-1540
Morrow	4829	-1648
Basal Penn	4930	-1749
Mississippian	4955	-1774
St. Louis	4976	-1795
Spergen	5183	-2002

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



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

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

Sam Brownback, Governor

May 07, 2013

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

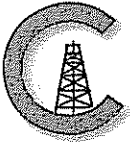
Re: ACO1  
API 15-203-20213-00-00  
JF Group B 1-24  
NE/4 Sec.24-19S-36W  
Wichita County, Kansas

Dear Production Department:

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

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

Respectfully,  
Jay Schweikert



**CONSOLIDATED**  
Oil Well Services, LLC

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

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

INVOICE

Invoice # 258080

Invoice Date: 04/16/2013 Terms: 15/15/30,n/30

Page 1

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

JF GROUP B-1-24  
39410  
24-19-36 drilling AFE 13-099  
04-15-2013 Squeeze work to  
KS circulate  
4-19-13 LK

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	50.00	17.6500	882.50
1131	60/40 POZ MIX	225.00	15.1000	3397.50
1102	CALCIUM CHLORIDE (50#)	141.00	.8900	125.49
1118B	PREMIUM GEL / BENTONITE	1552.00	.2500	388.00
1107	FLO-SEAL (25#)	56.00	2.8200	157.92
4406	5 1/2" RUBBER PLUG	1.00	88.0000	88.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-755.91
9995-130	CEMENT EQUIPMENT DISCOUNT	-368.11

Description	Hours	Unit Price	Total
405 CEMENT PUMP	1.00	1325.00	1325.00
405 EQUIPMENT MILEAGE (ONE WAY)	45.00	5.00	225.00
393 TON MILEAGE DELIVERY	1.00	452.03	452.03
T-127 TON MILEAGE DELIVERY	1.00	452.02	452.02

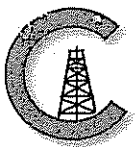
*all OK*  
*[Signature]*  
APR 22 2013  
*[Signature]*

Amount Due 7911.73 if paid after 05/16/2013

Parts:	5039.41	Freight:	.00	Tax:	355.53	AR	6724.97
Labor:	.00	Misc:	.00	Total:	6724.97		
Sublt:	-1124.02	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_





**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 # 258035

Invoice Date: 04/15/2013 Terms: 15/15/30,n/30 Page 1

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

JF GROUP B-1-24  
39369  
24-19-36  
04-11-2013  
KS  
Drilling AR513-029  
4-18-13 LK

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	260.00	22.5500	5863.00
1110A	KOL SEAL (50# BAG)	1300.00	.5600	728.00
1131	60/40 POZ MIX	445.00	15.1000	6719.50
1118B	PREMIUM GEL / BENTONITE	3062.00	.2500	765.50
1107	FLO-SEAL (25#)	111.00	2.8200	313.02
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4253	TYPE A PACKER SHOE61/2X6	1.00	1760.0000	1760.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4130	CENTRALIZER 5 1/2"	11.00	58.0000	638.00
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
4277	DV TOOL SIZE 5 1/2" (STA	1.00	4800.0000	4800.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-3439.50
9995-130	CEMENT EQUIPMENT DISCOUNT	-840.72

Description	Hours	Unit Price	Total
463 SINGLE PUMP	1.00	3020.00	3020.00
463 EQUIPMENT MILEAGE (ONE WAY)	45.00	5.00	225.00
693 TON MILEAGE DELIVERY	1.00	2359.80	2359.80

Amount Due 30438.01 if paid after 05/15/2013

Parts:	22930.02	Freight:	.00	Tax:	1617.71	AR	25872.31
Labor:	.00	Misc:	.00	Total:	25872.31		
Sublt:	-4280.22	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_

Date \_\_\_\_\_





**CONSOLIDATED**  
Oil Well Services, LLC

258035

TICKET NUMBER 39369  
LOCATION Outley, KS  
FOREMAN Fuzzy

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	
4-11-13	41793	JF-Group B-1-24	24	19	36W	Wichita	
CUSTOMER Lasso Oil + Gas			Mantle Rd 20				
MAILING ADDRESS			75 W. W.				
CITY		STATE	ZIP CODE	TRUCK #	DRIVER	TRUCK #	DRIVER
				463	Jerry W		
				693	Ed W		
				466	Jordan L		
				530	Edm W		

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 5250' CASING SIZE & WEIGHT 5 1/2 14 #  
CASING DEPTH 5140' DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER PUC @ 2403'  
SLURRY WEIGHT 14.2-12.5 SLURRY VOL 1.42-1.89 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 19 48  
DISPLACEMENT 124.9 DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE Bot - 6 1/2 BBL/min Top 4 - 3 1/4 B/m

REMARKS: Safety meeting on W.W #2. Float equip Cent #56, 59, 90, 94, 98, 107, 106, 110, 114, 118, 122. DU Top of 58 - Basket 20' down on #58. Ris up and circ 1 1/2 hrs. Pump 5 BBL water, 500 gal mud flush 5 BBL water mix 260 sks OWC w/ #Kolsal wash pump and lines. Drop plug and displace 58 1/2 BBL water, 58 3/4 BBL mud. 1100 # lift 1600 # mud. Float HD. Drop DU Bomb wait 15 min open DU Tool @ 900' Circ 3 hrs Pump 5 BBL water, mix 305 sks in bot. Mix 415 sks 60/40 #500 gal #4 Kolsal with 5 BBL returns, wash pump and lines. Drop plug and displace 58 1/2 BBL lost returns with #58 1/2 displaced maximum lift press 400 # and lift press @ 3/4 BBL/min was 300 #. Never regained returns (and plug + close tools 1400 #)

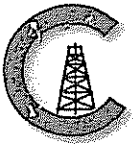
Thanks Fuzzy & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401C	1	PUMP CHARGE	3020 <sup>00</sup>	3020 <sup>00</sup>
5406	45	MILEAGE	5 <sup>00</sup>	225 <sup>00</sup>
5407A	31.4 ton	Tow mileage Delivery	167	2359 <sup>80</sup>
1126	260 sks	OWC	22 <sup>55</sup>	5863 <sup>00</sup>
1110A	1300 #	Kol-seal	.56	728 <sup>00</sup>
1131	445 sks	60/40	15 <sup>10</sup>	6719 <sup>50</sup>
1118B	3062 #	Bentonite	.25	765 <sup>50</sup>
1107	111 #	Flt-seal	2 <sup>82</sup>	313 <sup>22</sup>
1144G	500 gal	Flush	1 <sup>00</sup>	500 <sup>00</sup>
4253	1	5 1/2 - Packer shoe	1760 <sup>00</sup>	1760 <sup>00</sup>
4454	1	5 1/2 - Latchdown Assy (Flw) (W)	567 <sup>00</sup>	567 <sup>00</sup>
4130	10	5 1/2 - Centralizers (W)	58 <sup>80</sup>	638 <sup>00</sup>
4104	1	5 1/2 - Basket	276 <sup>00</sup>	276 <sup>00</sup>
4277	1	5 1/2 - DU Tool (W)	4800 <sup>00</sup>	4800 <sup>00</sup>
		subtotal		28534 <sup>82</sup>
		less 15%		4280 <sup>22</sup>
		subtotal		24254 <sup>60</sup>
		SALES TAX		1617.71
		ESTIMATED TOTAL		25872.31

completed

AUTHORIZATION Curtis D. Hill TITLE Production Foreman DATE 4/11/13

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.



**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 # 257803

Invoice Date: 04/09/2013 Terms: 10/10/30,n/30 Page 1

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

JF GROUP B 1-24  
39422  
24-19-36  
04-01-2013  
KS

drilling  
AFE 13-099  
4-11-13 LK

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	265.00	17.6500	4677.25
1102	CALCIUM CHLORIDE (50#)	747.00	.8900	664.83
1118B	PREMIUM GEL / BENTONITE	498.00	.2500	124.50
4432	8 5/8" WOODEN PLUG	1.00	96.0000	96.00

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-556.26
9995-130	CEMENT EQUIPMENT DISCOUNT	-224.60

Description	Hours	Unit Price	Total
460 TON MILEAGE DELIVERY	1.00	468.00	468.00
T-118 CEMENT PUMP (SURFACE) ✓	1.00	1085.00	1085.00
T-118 EQUIPMENT MILEAGE (ONE WAY)	45.00	5.00	225.00
T-129 TON MILEAGE DELIVERY	1.00	468.00	468.00

Handwritten initials and a signature. A date stamp reads "APR 15 2013".

Amount Due 8270.27 if paid after 05/09/2013

Parts:	5562.58	Freight:	.00	Tax:	415.52	AR	7443.24
Labor:	.00	Misc:	.00	Total:	7443.24		
Sublt:	-780.86	Supplies:	.00	Change:	.00		

Signed \_\_\_\_\_ Date \_\_\_\_\_



**CONSOLIDATED**  
Oil Well Services, LLC

257803

TICKET NUMBER 39422  
LOCATION Ochley B  
FOREMAN Miles Shaw

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	
4-1-13	4793	JFGROUP B# 1-24	24	195	36W	Wichita	
CUSTOMER		MAILING ADDRESS		TRUCK #	DRIVER	TRUCK #	DRIVER
Lario Oil & Gas		Manhattan S & ADV Box 1 Info		452 TUG	Serry Y		
CITY		STATE	ZIP CODE	460	M. H. P		
				5307129	Sudan L / Sach		

JOB TYPE Surtex HOLE SIZE 12 1/4 HOLE DEPTH 349 CASING SIZE & WEIGHT 8 3/8 23.4  
 CASING DEPTH 348 DRILL PIPE \_\_\_\_\_ TUBING \_\_\_\_\_ OTHER \_\_\_\_\_  
 SLURRY WEIGHT 14.8 SLURRY VOL 136 WATER gal/sk \_\_\_\_\_ CEMENT LEFT in CASING 20'  
 DISPLACEMENT 20 1/2 bbls DISPLACEMENT PSI \_\_\_\_\_ MIX PSI \_\_\_\_\_ RATE \_\_\_\_\_

REMARKS: Safety meeting and rig up on WW drilling #2. Circulate casing mix 265 S/S Common Class A Cement with 3% Calcium Chloride. Shutdown Released Plug displaced 20 1/2 bbls Water. Shut in Cement did Circulate 4 bbls to pit.

Thanks Miles & Crew

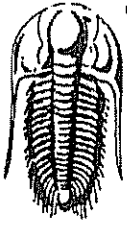
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401S	1	PUMP CHARGE	1085. <sup>00</sup>	1085. <sup>00</sup>
5406	45	MILEAGE	5. <sup>00</sup>	225. <sup>00</sup>
5407A	12145 Tons	Ton mileage delivery	1.67	936. <sup>00</sup>
104S	265 S/S	Common Class A Cement	17.65	4677.25
1102	747 #	Calcium Chloride	1.89	1404.83
1118B	498 #	Bentonite Gel	1.25	124.50
4432	1	8 3/8 Warden plug	96. <sup>00</sup>	96. <sup>00</sup>
			Subtotal	7808.58
			less 10% discount	7027.72
			Subtotal	7027.72

**Completed**

Ravin 3737

AUTHORIZATION Miles Shaw TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
 SALES TAX ESTIMATED TOTAL 415.52  
7443.24

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.



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

Lario Oil & Gas Company  
301 S Market  
Wichita KS  
67202  
ATTN: Wes Hansen

24-19s-36w Wichita Co KS

JF Group B 1-24

Job Ticket: 50180 DST#: 1

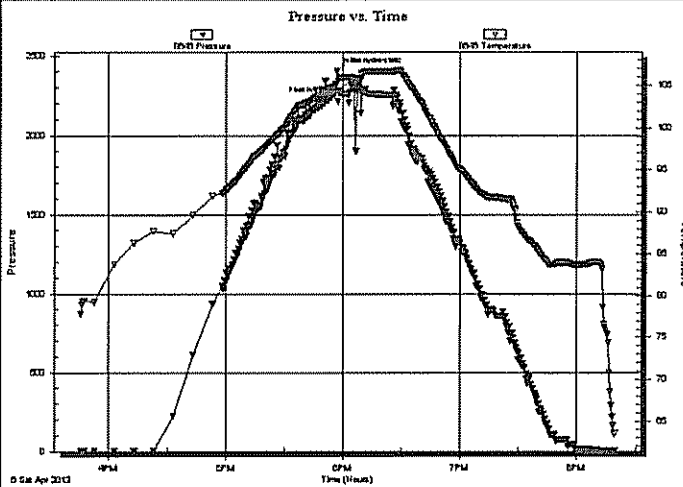
Test Start: 2013.04.06 @ 15:46:15

### GENERAL INFORMATION:

Formation: **Marmaton A**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened:  
 Time Test Ended: 20:19:15  
 Interval: **4482.00 ft (KB) To 4522.00 ft (KB) (TVD)**  
 Total Depth: 4522.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Fair  
 Test Type: Conventional Bottom Hole (Initial)  
 Tester: Mike Roberts  
 Unit No: 65  
 Reference Elevations: 3181.00 ft (KB)  
 3176.00 ft (CF)  
 KB to GR/CF: 5.00 ft

**Serial #: 8646** Inside  
 Press@RunDepth: psig @ 4483.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2013.04.06 End Date: 2013.04.06 Last Calib.: 2013.04.06  
 Start Time: 15:46:15 End Time: 20:19:15 Time On Btm: 2013.04.06 @ 17:57:15  
 Time Off Btm: 2013.04.06 @ 18:04:30

TEST COMMENT: IF:  
 IS: PACKER FAILURE  
 FF:  
 FS:



### PRESSURE SUMMARY

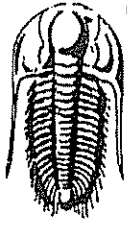
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2403.75	105.21	Initial Hydro-static
8	2355.67	106.04	Final Hydro-static

### Recovery

Length (ft)	Description	Volume (bbl)
186.00	mud 100% m	1.48

### Gas Rates

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



**TRILOBITE  
TESTING, INC.**

## DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil & Gas Company

**24-19s-36w Wichita Co KS**

301 S Market  
Wichita KS  
67202

**JF Group B 1-24**

Job Ticket: 50180

DST#: 1

ATTN: Wes Hansen

Test Start: 2013.04.06 @ 15:46:15

### 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:

bbf

Water Loss: 8.78 in<sup>2</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbf
186.00	mud 100% m	1.480

Total Length: 186.00 ft      Total Volume: 1.480 bbf

Num Fluid Samples: 0

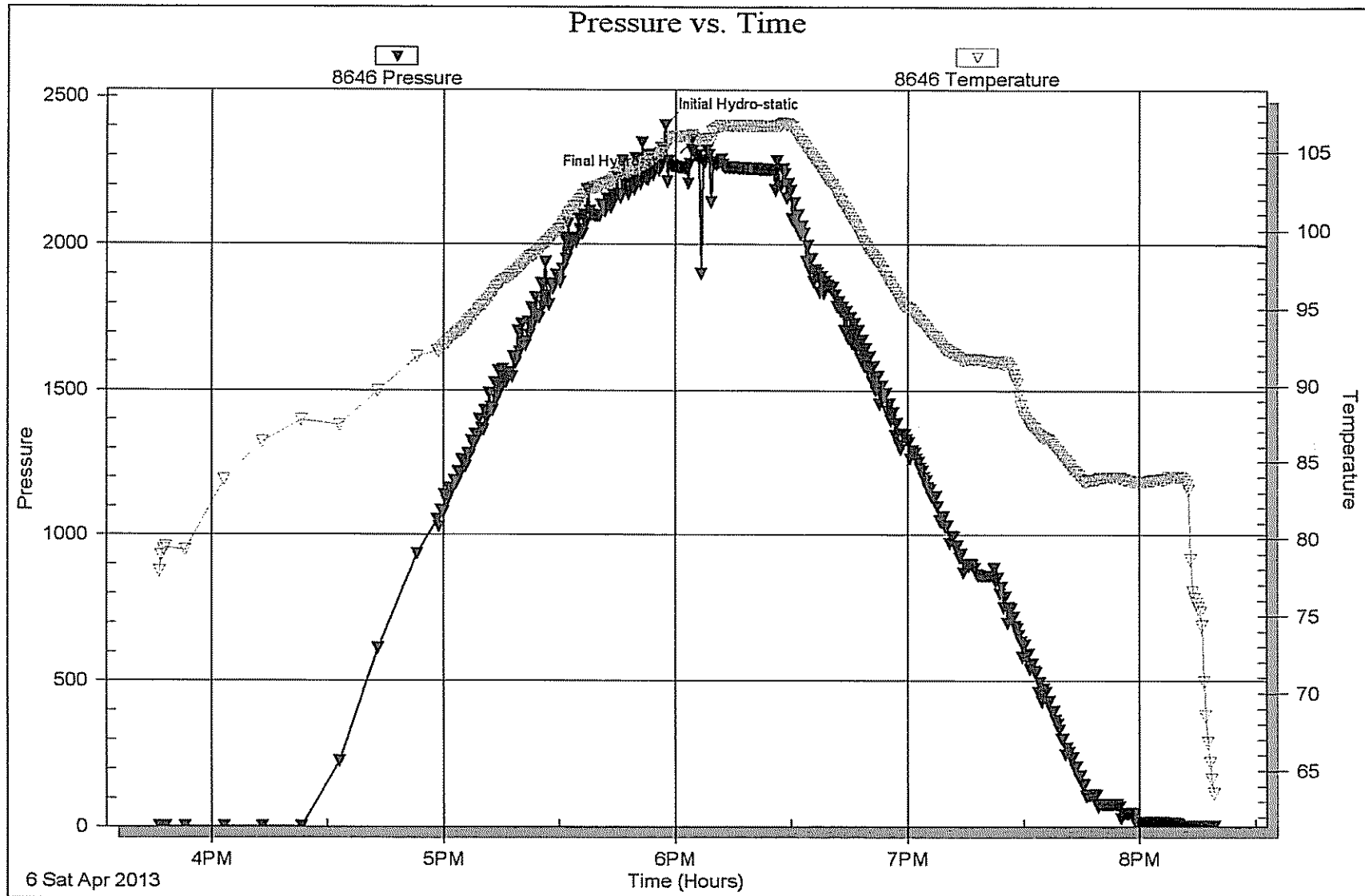
Num Gas Bombs: 0

Serial #:

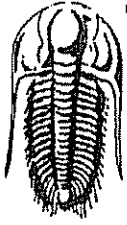
Laboratory Name:

Laboratory Location:

Recovery Comments:







**TRILOBITE  
TESTING, INC.**

**DRILL STEM TEST REPORT**

**FLUID SUMMARY**

Larlo Oil & Gas Company  
301 S Market  
Wichita KS  
67202  
ATTN: Wes Hansen

**24-19s-36w Wichita Co KS**  
**JF Group B 1-24**  
Job Ticket: 50181      DST#: 2  
Test Start: 2013.04.06 @ 20:34:15

**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: 8.77 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 4000.00 ppm			
Filter Cake: 1.00 inches			

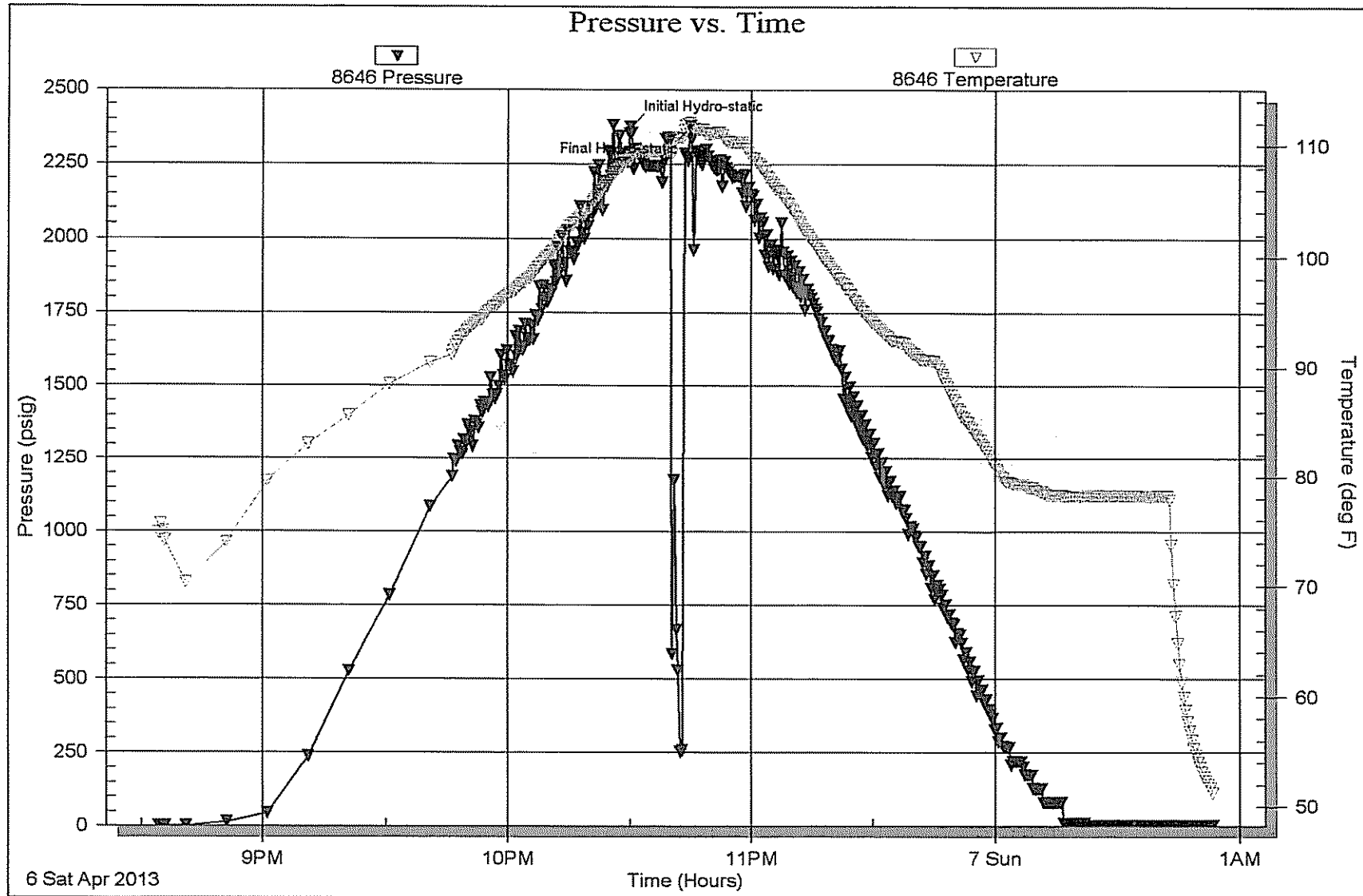
**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
248.00	mud 100%m	2.349
248.00	gcom 10%g 30%o 60%m	3.479

Total Length: 496.00 ft      Total Volume: 5.828 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments: Tool opened for a few minutes then had a packer failure







**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil & Gas Company

24-19s-36w Wichita Co KS

301 S Market  
Wichita KS  
67202

JF Group B 1-24

Job Ticket: 50182 DST#: 3

ATTN: Wes Hansen

Test Start: 2013.04.07 @ 06:53:15

## GENERAL INFORMATION:

Formation: **Marmaton A**

Deviated: **No Whipstock:** ft (KB)

Time Tool Opened: 08:59:00

Time Test Ended: 15:01:45

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

Tester: **Mike Roberts**

Unit No: **65**

Interval: **4426.00 ft (KB) To 4522.00 ft (KB) (TVD)**

Total Depth: **4522.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Fair**

Reference Elevations: **3181.00 ft (KB)**

**3176.00 ft (CF)**

KB to GR/CF: **5.00 ft**

**Serial #: 8646**

**Inside**

Press@RunDepth: **571.42 psig @ 4427.00 ft (KB)**

Start Date: **2013.04.07**

End Date:

**2013.04.07**

Capacity: **8000.00 psig**

Last Calib.: **2013.04.07**

Start Time: **06:53:15**

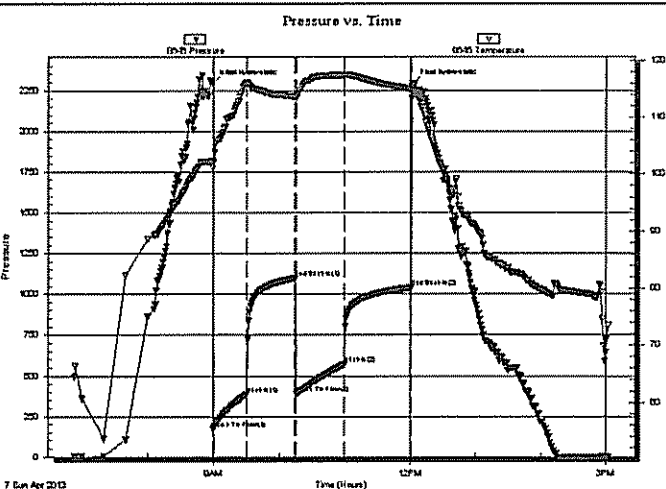
End Time:

**15:01:45**

Time On Btm: **2013.04.07 @ 08:58:45**

Time Off Btm: **2013.04.07 @ 12:02:30**

TEST COMMENT: IF:BOB in 4 min.  
IS:Return built to 5"  
FF:BOB in 2 min.  
FS:Return built to 7"



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2293.64	102.32	Initial Hydro-static
1	173.70	100.94	Open To Flow (1)
32	388.34	115.97	Shut-In(1)
76	1098.77	113.68	End Shut-In(1)
78	391.81	113.53	Open To Flow (2)
122	571.42	117.32	Shut-In(2)
182	1039.96	115.02	End Shut-In(2)
184	2292.05	115.39	Final Hydro-static

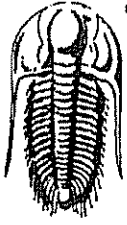
## Recovery

Length (ft)	Description	Volume (bbl)
1302.00	mcgo 10% m 30% g 60% o	17.13
62.00	free oil 100% o	0.87
0.00	GIP= 1302	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 Company

24-19s-36w Wichita Co KS

301 S Market  
Wichita KS  
67202

JF Group B 1-24

Job Ticket: 50182

DST#: 3

ATTN: Wes Hansen

Test Start: 2013.04.07 @ 06:53:15

### Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

33 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 47.00 sec/qt

Cushion Volume:

bbl

Water Loss: 8.77 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 7000.00 ppm

Filter Cake: 1.00 inches

### Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1302.00	mcgo 10%m 30%g 60%o	17.134
62.00	free oil 100%o	0.870
0.00	GIP= 1302	0.000

Total Length: 1364.00 ft      Total Volume: 18.004 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API=31@ 80 corrected to 33@60

