Confidentiality Requested: Yes No

### KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1076356

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

Address 1:	OPERATOR: License #	API No. 15
Address 2:	Name:	Spot Description:
City:	Address 1:	
Contact Person:	Address 2:	Feet from  North / South Line of Section
Phone: <ul> <li>NE</li> <li>NW</li> <li>SW</li> </ul> Phone: <ul> <li>NE</li> <li>NW</li> <li>SW</li> <li>Permit #:</li> <li>SW</li> <li>SW</li> <li>Permit #:</li> <li>SW</li> <li>SW</li> <li>Permit #:</li> <li>SW</li> <li>Permit #:</li> <li>SW</li> <li>Permit #:</li> <li>SW</li> <li>Permit #:</li></ul>	City: State: Zip:+	Feet from East / West Line of Section
CONTRACTOR:       License #         Name:	Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Name:	Phone: ()	
Name:	CONTRACTOR: License #	GPS Location: Lat:, Long:
Wellsite Geologist:	Name:	
Purchaser:	Wellsite Geologist:	
Designate Type of Completion:       Image: Stress of Completion:         Image: Stress of Completion:       Image: Stress of Completion:	Purchaser:	
New Well       Re-Entry       Workover         Oii       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd.       Elevation: Ground:       Kelly Bushing:         CM (Coal Bed Methane)       Cathodic       Other (Core, Expl., etc.):       Elevation: Ground:       Plug Back Total Depth:         Cathodic       Other (Core, Expl., etc.):       Multiple Stage Cementing Collar Used?       Yes [No         If Workover/Re-entry:       Old Well Info as follows:       If yes, show depth set:       Feet         Operator:       Well Name:       Corv. to Corv. to ENHR       Conv. to SWD       feet depth to:       w//       sx cmt         Original Comp. Date:       Original Total Depth:       w//       sx cmt       feet depth to:       w//       sx cmt         Original Comp. Date:       Original Total Depth:       w//       sx cmt       feet depth to:       w//       sx cmt         Original Comp. Date:       Original Total Depth:       w//       sx cmt       feet depth to:       pm       fuid volume:       bbls         Dual Completion       Permit #:       Elexiting method used:       Location of fluid disposal if hauled offsite:       Operator Name:       Lease Name:       License #:	Designate Type of Completion:	Lease Name: Well #:
Oil       WSW       SWD       SIOW         Gas       D&A       ENHR       SIGW         OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Temp. Abd.         Cathodic       Other (Core, Expl., etc.):       Mount of Surface Pipe Set and Cemented at:       Feet         Multiple Stage Cementing Collar Used?       Yes No       No         If Workover/Re-entry: Old Well Info as follows:       If yes, show depth set:       Feet         Operator:       Well Name:       Original Total Depth:       Feet         Original Comp. Date:       Original Total Depth:       feet depth to:       w/	New Well Re-Entry Workover	Field Name:
Gas D&A ENHR SIGW   OG GSW Temp. Abd.   CM (Coal Bed Methane) Total Vertical Depth:   Cathodic Other (Core, Expl., etc.):   If Workover/Re-entry: Old Well Info as follows:   If Workover/Re-entry: Old Well Info as follows: Operator: Well Name: Original Comp. Date: Original Total Depth: Plug Back Conv. to ENHR Conv. to GSW Conv. to Freducer Chloride content: Multiple Stage Cementing Collar Used? If Alternate II completion, cement circulated from: Feet If Alternate II completion, cement circulated from: Mell Name: Original Comp. Date: Original Total Depth: Original Comp. to GSW Conv. to GSW Conv. to GSW Conv. to Freducer Chloride content: SWD Permit #: Syud Date or Date Reached TD Completion Date or Date Reached TD Completion Date or Spud Date or Date Reached TD Completion Date or Sub Date or Date Reached TD Completion Date or Sub Date or Date Reached TD Completion Date or Sub Date or Date Reached TD Completion Date or Sub Date or Date Reached TD Completion Date or Sub Date or Date Reached TD Completion Date or Sub Determite: Sub Date or Date Reached TD Completion Date or Sub Determite:		Producing Formation:
OG       GSW       Temp. Abd.         CM (Coal Bed Methane)       Total Vertical Depth:       Plug Back Total Depth:         Cathodic       Other (Core, Expl., etc.);       Multiple Stage Cementing Collar Used?       Yes         If Workover/Re-entry: Old Well Info as follows:       If yes, show depth set:       Feet         Operator:       Original Total Depth:       feet depth to:       w/         Well Name:       Original Total Depth:       feet depth to:       w/       sx cmt         Original Comp. Date:       Original Total Depth:       multiple Stage Cement iff Alternate II completion, cement circulated from:       sx cmt         Original Comp. Date:       Original Total Depth:       multiple Stage Cement iff Alternate II completion, cement circulated from:       sx cmt         Plug Back       Conv. to ENHR       Conv. to SWD       feet depth to:       w/       sx cmt         Dual Completion       Permit #:       Chloride content:       ppm Fluid volume:       bbls         Dewatering method used:       Location of fluid disposal if hauled offsite:       Operator Name:       Lease Name:       Lease Name:       Lease Name:       Lease Name:       Lease Name:       Lease Name:       Quarter       Sec.       Twp		Elevation: Ground: Kelly Bushing:
Amount of Surface Pipe Set and Cemented at:       Feet         Amount of Surface Pipe Set and Cemented at:       Feet         Multiple Stage Cementing Collar Used?       Yes No         If Workover/Re-entry: Old Well Info as follows:       If yes, show depth set:       Feet         Operator:		Total Vertical Depth: Plug Back Total Depth:
If Workover/Re-entry: Old Well Info as follows:       If yes, show depth set:		Amount of Surface Pipe Set and Cemented at: Feet
Operator:	Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
Well Name:	If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
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 #:	Operator:	If Alternate II completion, cement circulated from:
Deepening       Re-perf.       Conv. to ENHR       Conv. to SWD         Plug Back       Conv. to GSW       Conv. to Producer         Commingled       Permit #:	Well Name:	feet depth to:w/sx cmt.
Plug Back       Conv. to GSW       Conv. to Producer       (Data must be collected from the Reserve Pit)         Commingled       Permit #:       ppm       Fluid volume:       bbls         Dual Completion       Permit #:       Dewatering method used:       bbls         SWD       Permit #:       Location of fluid disposal if hauled offsite:       bbls         GSW       Permit #:       Operator Name:       Lease Name:       License #:         Spud Date or       Date Reached TD       Completion Date or       Quarter Sec TwpS. R East	Original Comp. Date: Original Total Depth:	
Commingled       Permit #:         Dual Completion       Permit #:         SWD       Permit #:         ENHR       Permit #:         GSW       Permit #:         Operator Name:       Lease Name:         Lease Name:       License #:         Quarter Sec TwpS. R East West	Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Commingled       Permit #:         Dual Completion       Permit #:         SWD       Permit #:         ENHR       Permit #:         GSW       Permit #:         Operator Name:       Lease Name:         Lease Name:       License #:         Quarter       Sec       TwpS. R	Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Dual Completion       Permit #:         SWD       Permit #:         ENHR       Permit #:         GSW       Permit #:         Operator Name:       Lease Name:         Lease Name:       License #:         Quarter Sec TwpS. R East West		Chloride content: ppm Fluid volume: bbls
SWD       Permit #:       Location of fluid disposal if hauled offsite:         ENHR       Permit #:       Operator Name:         GSW       Permit #:       Lease Name:         Spud Date or       Date Reached TD       Completion Date or		Dewatering method used:
ENHR       Permit #:		Location of fluid disposal if hauled offsite:
GSW       Permit #:       Operator Name:		
Lease Name:          License #:           Spud Date or         Date Reached TD         Completion Date or         Quarter Sec TwpS. R East West		Operator Name:
Spud Date or Date Reached ID Completion Date or		
	Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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:

	Page Iwo	1076356
Operator Name:	Lease Name:	Well #:
Sec TwpS. R   East  West	County:	
INCTRUCTIONS: Chain important tang of formations paratrated De	tail all aaraa Danart all final	conico of drill stome toste giving interval tosted, time tool

**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 (Attach Additional She	ets)	Yes No		🗌 Log	Formatio	on (Top), Depth and	d Datum	Sample
Samples Sent to Geologi	ical Survey	Yes No		Name			Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING Report all strings set-	RECORD	New [	Used diate, product	ion, 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 /	SQUEEZ	E RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Use	ed		Type and Pe	ercent Additives	
Protect Casing Plug Back TD								
Plug Off Zone								

Did you perform a hydraulic fracturing treatment on this well?
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

Yes	No
Yes	No

No

Yes

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot		PERFORATION Specify For		RD - Bridge Pl Each Interval P		e		Acid, Fracture, Shot, Ce (Amount and Kind	ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	e:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed	l Producti	on, SWD or ENHF	ł.	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITI	ON OF G	iAS:							PRODUCTION INTER	IVAL:
Vented Solo (If vented, Su		Jsed on Lease - <i>18.)</i>		Open Hole Other <i>(Specify)</i>	Perf.	Uually (Submit)	,	Commingled (Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Anderson Sands 1-24
Doc ID	1076356

All Electric Logs Run

MPD/MDN	
MSS	
MAI/MFE	
MML	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Anderson Sands 1-24
Doc ID	1076356

Tops

Name	Тор	Datum
Heebner	4010	-843
Lansing	4054	-887
Stark Sh	4357	-1190
Hushpuckney	4412	-1245
Base KC	4478	-1311
Marmaton	4516	-1349
Pawnee	4610	-1443
Ft. Scott	4631	-1464
Johnson	4735	-1568
Morrow	4821	-1654
Mississippian	4883	-1716
St. Louis	4908	-1741

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

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner



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

Sam Brownback, Governor

April 04, 2012

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

Re: ACO1 API 15-203-20171-00-00 Anderson Sands 1-24 NE/4 Sec.24-18S-35W 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



PO Box 93999 Southlake, TX 76092

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

Bill To:

Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

ONLY IF PAID ON OR BEFORE Apr 15, 2012



Invoice Number: 130598 Invoice Date: Mar 21, 2012 Page: 1



Drilling AFE-12-045 CK 413112

CustomerID	Well Name/# or Customer P.O.	Payment	t Terms
Lario	Anderson Sands #1-24	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Mar 21, 2012	4/20/12

Quantity	Item	Description	Unit Price	Amount
168.00		Class A Common	16.25	2,730.00
112.00	MAT	Pozmix	8.50	952.00
10.00		Gel	21.25	212.50
70.00		FloSeal	2.70	189.00
290.00	SER	Handling	2.25	652.50
50.00		Mileage	31.90	1,595.00
1.00	SER	Plug To Abandon	1,250.00	1,250.00
50.00	SER	Heavy Vehicle Mileage	7.00	350.00
50.00	SER	Light Vehicle Mileage	4.00	200.00
1.00	CEMENTER	Terry Heinrich		
1.00	OPER ASSIST	Tyler Flipse		
1.00	OPER ASSIST	Steve Heikkila		Ω
1.00	OPER ASSIST	Brandon Wilkinson	av IC	
				3 /2
			od U	V
ALL PRICES AP	E NET, PAYABLE	Subtotal		8,131.00
	OWING DATE OF			593.56
INVOICE. 11/	2% CHARGED	Total Invoice Amount		8,724.56
	IF ACCOUNT IS E DISCOUNT OF	Payment/Credit Applied		
\$ 11/21	. 20	TOTAL		8,724.56
I WEY				

	ENTING CO., LLC. 035946 ax 1.D.# 20-5975804
REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT: ORXIEY, KS
JATES SAN SANS WELL # 1-24 LOCATION MOC OLD OR NEW (Circle one)	CALLED OUT ON LOCATION JOB START JOB FINISH CALLED OUT ON LOCATION JOB START JOB FINISH CALLED OUT COUNTY LIBO AM COUNTY SCOTT
CONTRACTOR JUKE DRL9 ALG # 4 TYPE OF JOB PT A	OWNER SAME
HOLE SIZE 7%' T.D. SOSO CASINO SIZE DEPTH	CEMENT AMOUNT ORDERED
DRILL PIPE 4/2 DEPTH 2460' TOOL DEPTH	2805K3 60/40A02 48881 1/4 Flo-524
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. PERFS.	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
DISPLACEMENT EQUIPMENT	@@@
PUMPTRUCK CEMENTER <u>TERRY</u> H <u>431 HELPER</u> TYL <u>2</u> K BULK TRUCK	FID-SEAL 70 C @ 2.75 188 C
ULK TRUCK JULK TRUCK 1 104 DRIVER BRANDON	@@ @ @ @
REMARKS:	HANDLING 290 5K5 @ 245 652 20 MILEAGE 14 PER 5K / Marke 1595
50 5K5 AT 2460 10 SK5 AT 1320 50 SK5 AY 690	TOTAL <u>6.73/</u> SERVICE
50 SKS AT 330 20 SKS AT 60 30 SKS RAT HOLE ROD OUT DE COMENT END 60' + 4:440/5	DEPTH OF JOB 2460 PUMP TRUCK CHARGE 7253
Blandon Blact Bret OUT CEMENT.	MILEAGE <u>50 ME @ 7 E 350 =</u> MANIFOLD JEGNT VELVICLE 50 ME @ 4 E 200 E
HARGE TO: ARIO DIL + 9AS	@ Total <u>/800</u> Š
ITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	@ @
o Allied Cementing Co., LLC. ou are hereby requested to rent cementing equipment ad furnish cementer and helper(s) to assist owner or	@ @@
ontractor to do work as is listed. The above work was one to satisfaction and supervision of owner agent or ontractor. I have read and understand the "GENERAL.	TOTAL
ERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any) TOTAL CHARGES
GNATURE Rich Wheele	DISCOUNT 20名 IF PAID IN 30 DAYS

, I

Oil Well Services, LLC	<b>REMIT</b> Consolidated Oil We Dept. 9 P.O. Box Houston, TX 7	II Services, LLC 70 4346	Chanu 620/431-9210 • 1-8	AIN OFFICE P.O. Box 884 re, KS 66720 00/467-8676 20/431-0012
INVOICE		* 144 144 144 144 144 144 144 144 144 14	Invoice #	248371
Invoice Date: 03/13/2012	Terms: 15/15/30,1	1/30	Pa	ge 1
LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 637846 (316)265-5611		<u>ANDERSON SAND</u> 36293 24-18S-35W 3-12-2012 KS	3-16-2012	ng 12-045 1B
======================================				
1102 CALCIUM	tion A" CEMENT (SALE) CHLORIDE (50#) GEL / BENTONITE	Qty 225.00 635.00 423.00	.8900	Total 3971.25 565.15 105.75
Sublet PerformedDescript9999-130CASH DIS9999-130CASH DIS	SCOUNT			Total -696.32 -298.66
Description 439 TON MILEAGE DELIVERY 520 CEMENT PUMP (SURFACE) 520 EQUIPMENT MILEAGE (ONE	WAY)	422.80 1.00	Unit Price 1.67 1085.00 5.00	Total 706.08 1085.00 200.00
	Sur	6 CM aut	afe A	RCP
		we K	avfr A	

Amount Due 7018.53 if paid after 04/12/2012

							=======================================
Parts:	4642.15	Freight:	.00	Tax:	327.51	AR	5965.76
Labor:		Misc:	.00	Total:	5965.76		
Sublt:	-994.98	Supplies:	.00	Change:	.00		
========			=======================================	============	=======================================		;===============

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

 BARTLESVILLE, OK
 EL DORADO, KS
 EUREKA, KS
 PONCA CITY, OK
 OAKLEY, KS
 OTTAWA, KS
 THAYER, KS
 GILLETTE, WY

 918/338-0808
 316/322-7022
 620/583-7664
 580/762-2303
 785/672-2227
 785/242-4044
 620/839-5269
 307/686-4914

G	CONSOLIDATED OI VINE BOTHER, LLC
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# 1. .et number 36293

FOREMAN Rick Ledford

PO Box 884, Chanute, KS 66720

FIELD	TICKET	&	TREATMENT	REPORT
P C MAR CAR AND				

	hanute, KS 667 or 800-467-8676			CEMEN	T API	# 15-203-2	0171	•
DATE	CUSTOMER #		L NAME & NU		SECTION	TOWNSHIP	RANGE	COUNTY
					24	185	35W	Wichita
	4793	Anderson	Janda		THE REPORT OF THE PARTY OF		目的建筑中学家生	中的建筑是在新
CUSTOMER	ario Oila	nd Gas		Duke	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRI				Orlg	520	John Sarche	2	ļ
		Morret		<i>tt 4</i>	439	Jim Mead		
CITY	61 South	STATE	ZIP CODE					<u> </u>
$  \omega $	chita	KS	67202	-			BEL	<u> </u>
JOB TYPE 30	1 face	HOLE SIZE	1244"	HOLE DEPTH	1_308'	CASING SIZE & W		
	210'	DRILL PIPE		TUBING			OTHER	
	IT /5#	SLURRY VOL	54 851	WATER gal/s	ik_6.5	<b>CEMENT LEFT in</b>	CASING 20	
	- 106 ~.	DIDDLACCHE	AIT DOI	WATER gal/sk_ (				
		0			Mixed 225	SKS Class	A cement	w/ 3%
Cacht +	270 9010	15-1901.	yield .	23. 300/ 10	loon to cadu	as Ensuise	e=8 Bb1	sturry to
186 BD1	fresh wat	V. Shut	Casing I	n L/ good	Cener LEIN	ins to suifa		
pit. Job	complete R	s dawc.						
•								
	•				_			

ACCOUNT	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT		TOTAL
54015	1	PUMP CHARGE	1085.00	1085.00
5406	40	MILEAGE	5.00	200.00
3700				
	225 523	class A cement	17.65	3971.25
11045	635*	370 CACE 2	. 99	565.15
1102	423 ft	29, gel	.25	105.75
11186	925*	<u> </u>		
	10.57	ton milege buik tre	1.67	706.08
5407A	70.5	Con rulespe delle un	•,	
\				
		6633.23		
		-15% 994.98 5638.25 Total		
		2620.23 10141		
		Thank la	SALES TAX	327.51
Ravin 3737		248371	ESTIMATED	5965 74
	DO DA	0( 70 0 11		
AUTHORIZTION	Kich Utherle		_ DATE	

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

## Consolidated oil well services

Friday, December 02, 2011 8:15 AM

Cement Bid for: LARIO OIL AND GAS Type of Job: SURFACE-350' Lease: ANDERSON SANDS #1-24 County: SCOTT State: KS Legals-SEC 24-18S-35W 27 240 SKS COM,3%CC-2%GEL YIELD 1.24@15.2 PPG

Pump truck- 1,085.00

40 Miles- 200.00 TOTAL=1,285.00

240 SKS COM -	4,236.00		
678# CC	603.42		
452# GEL	113.00	***************************************	
. 44 4474 - 7487 - 749 - 74 - 74 - 74 - 74 - 74 - 74 -		aligh dhille i i ga ga a a a a a a a a a a a a a a a	•••••
		1	
<u> </u>			
11.28 TON	753.60	<u>' </u>	
MILEAGE			
TOTAL	5,706.02	anna bh ann na chunnainn ann ann ann ann ann ann ann ann a	

PUMPTRUCK-1,285.00 MATERIAL - 5,706.02 FLOAT EQUIP-
SUB TOTAL ~ 6,991.02 15% DISC ~ 1,048.65
TOTAL = 5,942.37

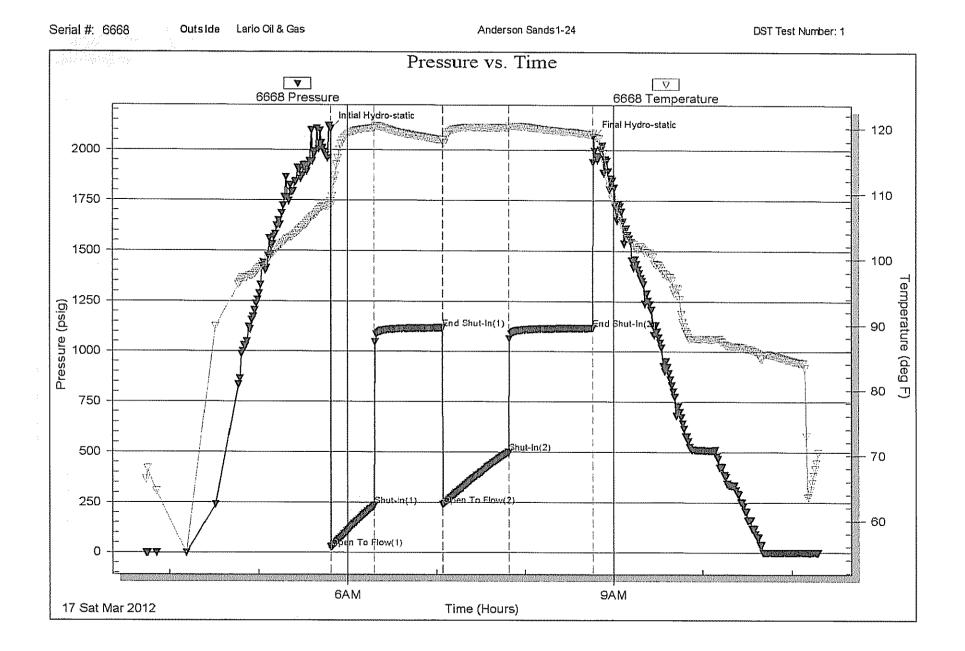
TAX INCLUDED AT INVOICING

**BID BY: WALT DINKEL** 

	Lario Oil & Gas		24-	-18s-35	N		
ESTING , INC.	301 Market St Wichita KS 67202			derson Ticket: 4	Sands1-2	4 DST#: 1	
	ATTN: Vern Schrag				012.03.17 @		
GENERAL INFORMATION:			·		*****		
Formation: Lansing "D" Deviated: No Whipstock: Time Tool Opened: 05:48:30 Time Test Ended: 11:17:15	ft (KB)		Tes	ter:	Conventiona Mike Roberts 48		e (Initial)
Interval: 4143.00 ft (KB) To 41 Total Depth: 4160.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	D)		Refe		evations: to GR/CF:	3167.00 3158.00 9.00	ft (CF)
Serial #: 6668         Outside           Press@RunDepth:         498.27 psig (           Start Date:         2012.03.17           Start Time:         03:44:15           TEST COMMENT:         IF:BOB in 7 min.           IS:No return blow         IS:No return blow	<ul> <li>4144.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2012.03.17 11:17:15	Capacity: Last Calit Time On I Time Off	o.: Btm:	: 2012.03.17 ( 2012.03.17 (		psig
FF:BOB in 8 min. FS:No return blow Pressure vs. Ti	ne		PR	RESSUR		ARY	
The function of the function o		404	Pressure (psig) 2105.37 25.53 234.56 1118.71 237.88 498.27 1118.01 2064.36	Temp (deg F) 108.77 108.12 120.04 118.22 117.87 120.06 118.99	Annotation Initial Hydro Open To Flo Shut-In(1)	n static ow (1) (1) ow (2) (2)	
Recovery			· · · · · · · · · · · · · · · · · · ·	Gas	Rates		
Length (ft)         Description           1054.00         sw with oil spots	Volume (bbi) 14.78			Choke (ir	iches) Pressure	(psig) Gas I	Rate (Mcf/d)

	DRILL STEM TES	ST REPORT	
RILOBITE	Lario Oil & Gas	24-18s-35w	
TESTING , INC.	301 Market St Wichita KS 67202	Anderson Sands1-24 Job Ticket: 46477 DST#: 1	
	ATTN: Vern Schrag	Test Start: 2012.03.17 @ 03:44:15	ъ.
GENERAL INFORMATION:			
Formation:Lansing "D"Deviated:NoWhipstock:Time Tool Opened:05:48:30Time Test Ended:11:17:15	ft (KB)	Test Type: Conventional Bottom Hole (Initial) Tester: Mike Roberts Unit No: 48	I
Interval:4143.00 ft (KB) To41Total Depth:4160.00 ft (KB) (TVHole Diameter:7.88 inchesHole	/D)	Reference Elevations:         3167.00         ft (KB)           3158.00         ft (CF)           KB to GR/CF:         9.00         ft	
Serial #:8358InsidePress@RunDepth:psigStart Date:2012.03.17Start Time:03:44:15	@ 4144.00 ft (KB) End Date: End Time:	Capacity:         8000.00 psig           2012.03.17         Last Calib.:         2012.03.17           11:17:15         Time On Btm:         Time Off Btm:	
TEST COMMENT: IF:BOB in 7 min. IS:No return blow FF:BOB in 8 min. FS:No return blow			
Pressure vs. Ti		PRESSURE SUMMARY	
700 179 100 100 100 100 100 100 100 10	Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison Comparison		
Recovery		Gas Rates	
Length (1) Description 1054.00 sw with oil spots	Volume (bb) 14.78	Choke (inches) Pressure (psig) Gas Rate (Mct	<u>ka)</u>
Trilobite Testing, Inc	Ref. No: 46477	Printed: 2012.03.17 @ 13:59:47	

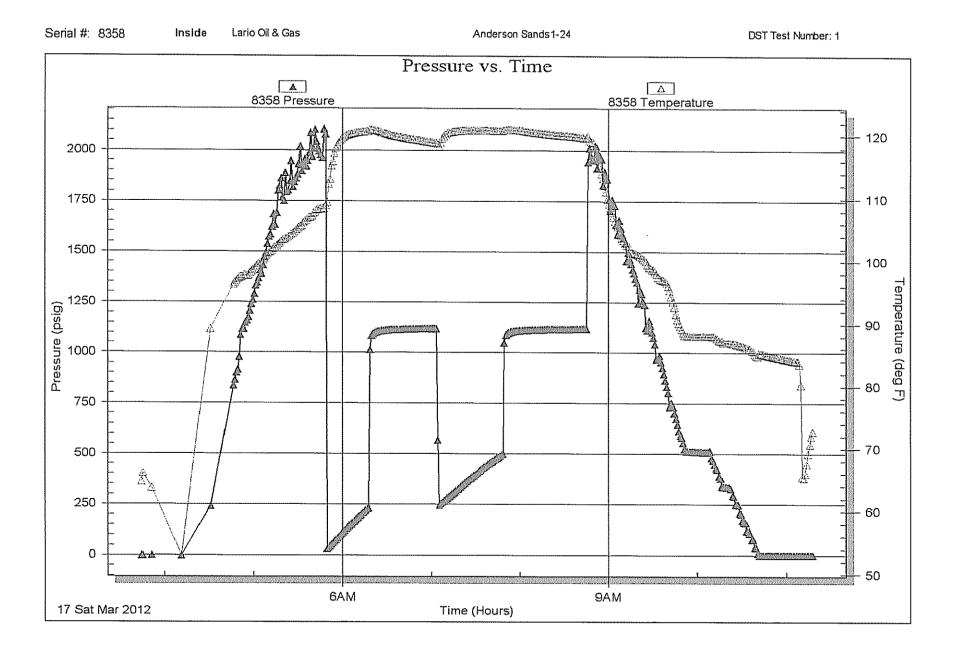
Printed: 2012.03.17 @ 13:59:47



Ref. No: 46477

Printed: 2012.03.17 @ 13:59:48

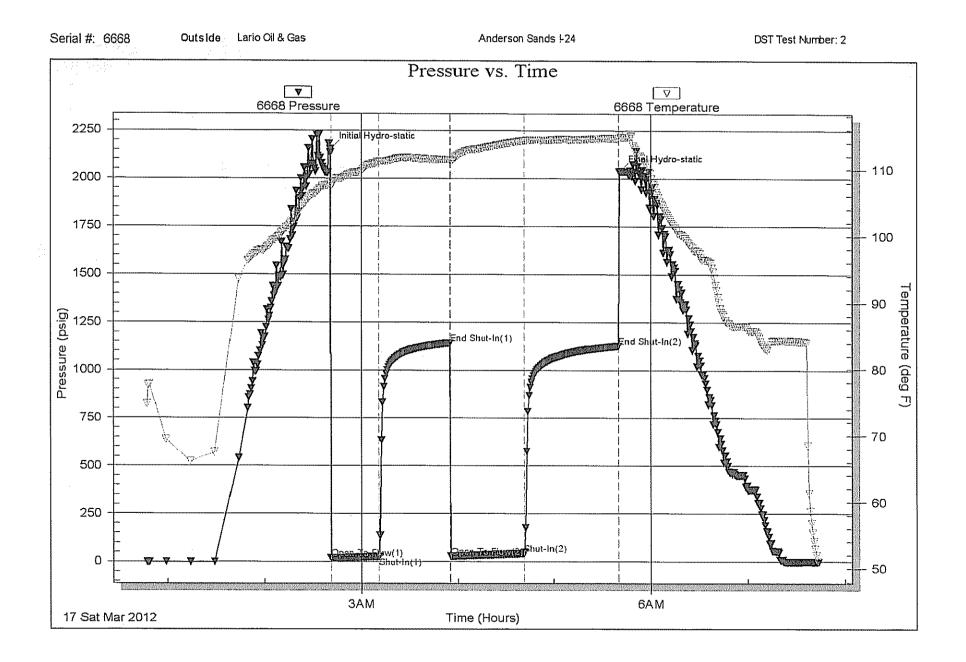
arr.	RILOBITE	DRI	LL ST	FLUID SUMMARY						
「「地」		Lario C	)il & Gas		24-18s-35	w				
	ESTING , INC.	001.01	arket St a KS 67202			Anderson Job Ticket: 4	1 Sands1-24 46477	4 DST#:1		
"MORN'		ATTN:	ATTN: Vern Schrag				2012.03.17 @ 0	3:44:15		
Mud and C	ushion Information						***************************************			
Mud Type: Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Filter Cake:	Gel Chem 9.00 lb/gal 47.00 sec/qt 7.19 in <sup>3</sup> 0.00 ohm.m 4000.00 ppm 1.00 inches		Cu Cu Ga	shion Type: shion Length: shion Volume: Is Cushion Type: Is Cushion Pressu	re:	ft bbl psig	Oil API: Water Salinity:	0 deg API 25000 ppm		
Recovery	Information									
	Lengt	h	Re	covery Table Description		Volume bbl				
	ft1	054,00	00 sw with oil spots				-			
	Total Length:	1054		Total Volume:	14.785 bbl	14.785	4			
	Num Fluid Samp Laboratory Nam Recovery Comm	e:		Num Gas Bombs: Laboratory Locati 4.5= 25,000 ppm	0 DN:	Serial #	:			



Ref. No: 46477

RILOBITE	DRILL STEM TEST REPORT							
	Lario Oil & Gas		24-18s-35w					
ESTING , INC.	301 Market St		Ar	nderson	Sands !-2	4		
	Wichita KS 67202		Job Ticket: 46478 DST					
WORK'	ATTN: Vern Schrag		Tes	st Start: 2	012.03.17 @	00:47:00		
GENERAL INFORMATION:								
Formation: H Deviated: No Whipstock: Time Tool Opened: 02:41:00 Time Test Ended: 07:43:45	ft (KB)	Test Type: Conventional Bottom Hole (Reset) Tester: Mike Roberts Unit No: 48						
Interval: 4250.00 ft (KB) To 427 Total Depth: 4250.00 ft (KB) (TV	D)		Reference Bevations: 3167.00 ft (KB) 3158.00 ft (CF)					
Hole Diameter: 7.88 inches Hole	Condition: Fair			КВ	to GR/CF:	9.00	ft	
Serial #:6668OutsidePress@RunDepth:42.27 psig @Start Date:2012.03.17Start Time:00:47:15	4251.00 ft (KB) End Date: End Time:	2012.03.17 07:43:45	Capacity Last Cali Time On Time Off	ib.: Btrr:	2012.03.17 ( 2012.03.17 (	_	psig	
TEST COMMENT: IF:Built to 1" blow IS:No return blow FF:Built to w eak s FS:No return blow		-						
Pressure vs. Tir.	115 				RESUMMA			
	10	Time (Min.) 0 1	Pressure (psig) 2152.21 18.98	Temp (deg F) 107.94 107.39		-static		
	The second secon	30	25.91	111.11	Shut-In(1)			
		74	1142.26 27.14	111.47 111.21	End Shut-In Open To Flo			
		121	42.27	114.31	Shut-In(2)			
		180 180	1126.85 2035.10		End Shut-In Final Hydro-			
ይደ ዘው 2012 Tree(የዘመ)	. 700.00 11300.01.5							
Recovery	Gas Rates Chore (inches) Pressure (psig) Gas Rate (Mc//d)							
Length (1)         Description           60.00         mud with oil spots	Volume (bbl) 0.84				illies) messure	(psig) (Gas	raze (MCl/d)	

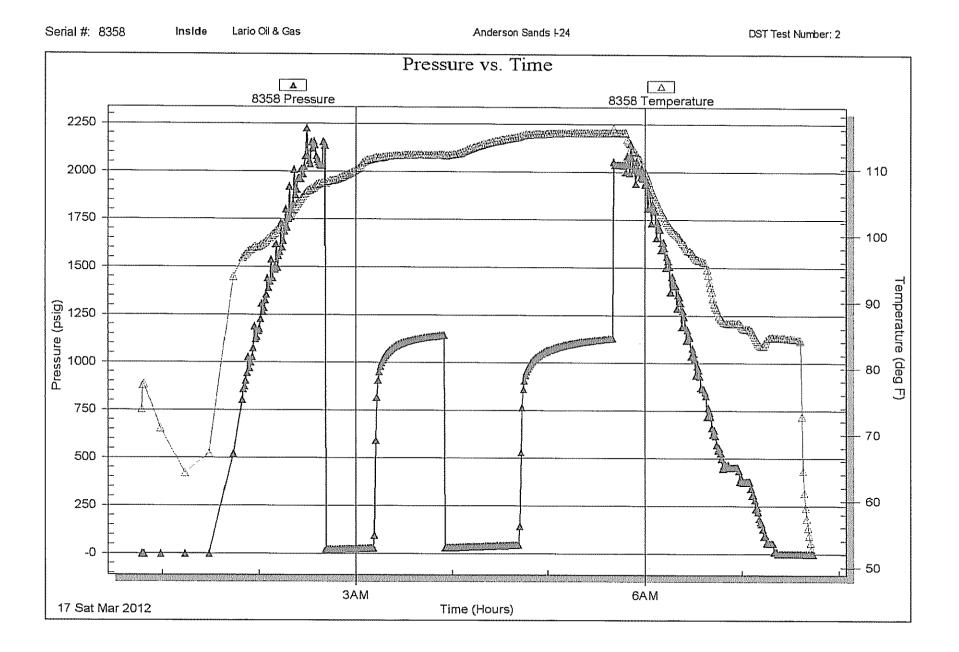
	DRILL STEM TES	ST REP	ORT					
RILOBITE -	Lario Oil & Gas		24-	24-18s-35w			: : :	
ESTING , INC	301 Market St Wichita KS 67202			Anderson Sands !-24				
	ATTN: Vern Schrag		Job Ticket: 46478 DST#: 2 Test Start: 2012.03.17 @ 00:47:00					
GENERAL INFORMATION:								
Formation:HDeviated:NoWhipstock:Time Tool Opened:02:41:00Time Test Ended:07:43:45	ft (KB)		Tes	ter:	Convention Mike Robert 48	al Bottom Ho s	le (Reset)	
Interval:4250.00 ft (KB) To4270Total Depth:4250.00 ft (KB) (TVEHole Diameter:7.88 inchesHole (C)	))	Reference Elevations: 3167.00 ft (KB) 3158.00 ft (CF) KB to GR/CF: 9.00 ft						
Serial #: 8358InsidePress@RunDepth:psig @Start Date:2012.03.17Start Time:00:47:15	2 4251.00 ft (KB) End Date: End Time:	2012.03.17 07:44:00	Capacity Last Cali Time On Time Off	b.: Btm:		8000.00 2012.03.18		
TEST COMMENT: IF:Built to 1" blow IS:No return blow FF:Built to w eak su FS:No return blow	irface blow							
Pressure vs. Tim [13] [13] Fresus					RE SUMM	· · ·		
220 200 100 100 100 100 100 100			Pressure (psig)	Temp (deg F)	Annotati	DN		
Recovery	Gas Rates							
Length (ft) Description	Volume (bbl)			Choke (i	nches) Pressi	re (psig) Ga	s Rele (Mcl/d)	
60.00 mud with oil spots	0.84					@ 10:42:19		



Ref. No: 46478

Printed: 2012.03.18 @ 10:42:21

		DRILL STEM TEST REPORT							JMMARY
	I	Lario C	il & Gas			24-185-35	N		
ESTIN	G , INC.	301 Market St Wichita KS 67202 ATTN: Vern Schrag				Job Ticket: 4	<b>Sands !-24</b> 16478 2012.03.17 @ 0	DST#:2	
Mud and Cushion Inform		<del>.</del>							
Mud Type:Gel ChemMud Weight:9.00 lb/gaViscosity:53.00 sec/Water Loss:9.17 in³Resistivity:0.00 ohmSalinity:5700.00 ppmFilter Cake:1.00 inche	ıl İqt .m		C1 C1 G2	ushion Type: ushion Length: ushion Volume: as Cushion Type: as Cushion Pressu	'e:	ft bbl psig	Oil API: Water Salinity:		deg API ppm
Recovery Information			_						ř
	Lenglh ft		K	ecovery Table Description		Volume bbl			
Total L		60.00	<u>mud with</u> 00 ft	oil spots Total Volume:	0.842 bbl	0.842			
Labora	uid Sample ttory Name ery Comme	:		Num Gas Bombs: Laboratory Locati	0 on:	Serial #:			



Ref. No: 46478

Printed: 2012.03.18 @ 10:42:21