Confidentiality Requested: Yes No

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

1071233

Form ACO-1 August 2013 Form must be Typed Form must be Signed All blanks must be Filled

## WELL COMPLETION FORM

		•••			•••••	•
WELL	HISTORY	- DESCR	RIPTION	OF V	VELL 8	& LEASE

OPERATOR: License #	API No. 15
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
Gas D&A ENHR SIGW	Elevation: Ground: Kelly Bushing:
OG GSW Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back     Conv. to GSW     Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	Dewatening method doed.
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR         Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R East West
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion Date	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 Two	1071233
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTOLICTIONS. Chow important tapa of formations panetrated. Dat	ail all aaraa Bapart all fir	al conico of drill atoms toots giving interval tootod, 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 Sheets)		Yes No		.og Formatio	n (Top), Depth and	epth and Datum	
Samples Sent to Geological Survey		Yes No	Nam	е		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		on, 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 / SQU	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic fracturing treatment on this well?				Yes	No (If No, skip	o questions 2 an	d 3)
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000				? 🗌 Yes 🗌		, question 3)	

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?

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					ement Squeeze Record I of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packer	r At:	Liner R	un:	No	
Date of First, Resumed	I Product	ion, SWD or ENHF	ł.	Producing N	lethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	S.	Gas	Mcf	Wat	ər	Bbls.	Gas-Oil Ratio	Gravity
									I	
DISPOSITION OF GAS:			METHOD OF COMPLE		TION:		PRODUCTION INT	ERVAL:		
Vented Sold Used on Lease			Open Hole	Perf.	Dually		Commingled			
(If vented, Su	bmit ACC	D-18.)		Other <i>(Specify)</i>		(Submit )	,	(Submit ACO-4)		

Yes

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

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Rose 4-14
Doc ID	1071233

Tops

Name	Тор	Datum
Heebner	3769	-970
Lansing	3806	-1007
Stark Sh	4052	-1253
Hushpuckney	4088	-1289
Base KC	4132	-1333
Marmaton	4188	-1389
Pawnee	4260	-1461
Ft. Scott	4290	-1491
Cherokee Sh	4309	-1510
Johnson	4384	-1585
Morrow	4410	-1611
Basal Penn Sst	4420	-1621
Mississippian	4440	-1641

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 Ward Loyd, Commissioner Thomas E. Wright, Commissioner Sam Brownback, Governor

March 14, 2012

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

Re: ACO1 API 15-109-21049-00-00 Rose 4-14 NW/4 Sec.14-14S-32W Logan 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 31 Russell, KS 67665

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

Bill To:

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

Jan 28, 2012

# INVOICE

Invoice Number: 129805 Invoice Date: Jan 3, 2012 Page: 1

Federal Tax 1.D.#: 20-5975804 Drilling AFE 11-340 1-17-12 LK

Customer ID	Well Name/# or Customer P.O.	Payment	t Terms
Lario	_ <u>Rose #4-14</u>	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 3, 2012	2/2/12

Quantity	Item		Description	Unit Price	Amount
150.00	MAT	Class A	Common	16.25	2,437.50
3.00	MAT	Gel		21.25	63.75
5.00	MAT	Chloride		58.20	291.00
158.00	SER	Handling	1	2.25	355.50
20.00	SER	Mileage	158 sx @.11	17.38	347.60
1.00	SER	Surface		1,125.00	1,125.00
20.00	SER	Pump Tr	uck Mileage	7.00	140.00
1.00	SER	Manifold	& Head Renal	200.00	200.00
20.00	SER	Light Vel	hicle Mileage	4.00	80.00
1.00	EQP	8.5/8 Wo	ooden Plug	92.00	92.00
1.00	CEMENTER	Alan Rya	an		
1.00	CEMENTER	Terry He	inrich		
			JAN 1 2/012		
ALL PRICES AR	E NET, PAYABLE		Subtotal		5,132.35
30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS			Sales Tax		210.55
			Total Invoice Amount		5,342.90
	E DISCOUNT OF				
\$ [174	1.43		TOTAL		5,342.90
	ON OR BEFORE				

ALLIED CEME	NTING CO., LLC. 036063
REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT:
DATE 13 12 SEC. 14 TWP. RANGE 32	CALLED OUT ON LOCATION JOB START JOB FINISH
LEASE 12012 WELLI 4-14 LOCATION O.K.	g-19/25 Er Sizto County State
CONTRACTOR Hugh 4 TYPE OF JOB Sur Face	OWNER Same
HOLE SIZE 12/14 T.D. 22) CASING SIZE 85/8 DEPTH 223 TUBING SIZE DEPTH	CEMENT AMOUNT ORDERED <u>ISO Con 300CC</u>
DRILL PIPE DEPTH TOOL DEPTH	- Dereget
MEAS. LINE SHOE JOINT CEMENT LEFT IN CSG. 151	$\begin{array}{c} \text{COMMON} \\ \text{POZMIX} \\ \text{GEL} \end{array} \begin{array}{c} \text{G} \\ \text{GEL} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} \begin{array}{c} \text{GEL} \end{array} \begin{array}{c} \text{GEL} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} \begin{array}{c} \text{GEL} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} \begin{array}{c} \text{GEL} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} \begin{array}{c} \text{GEL} \end{array} \end{array} $ \end{array}
PERFS. DISPLACEMENT / 3. 2 496 EQUIPMENT	CHLORIDE <u>5</u> ASC <u>@</u>
PUMPTRUCK CEMENTER Ala	@ @ @
# 412 HELPER Terry BULK TRUCK # 404 DRIVER Agazi	@ @ @
BULK TRUCK # DRIVER	@ HANDLING (ST
REMARKS:	MILEAGE/1 4 5/4/2016 347.000 TOTAL 3494
Hun Coly, Ciculeti, Mrx Conent Deip/ace Concent	SERVICE
Conent Dirl Cirmlata	DEPTH OF JOB 223' PUMP TRUCK CHARGE //25 EXTRA FOOTAGE @
Buffin Dans	MILEAGE A
CHARGE TO: Law 10 Dil & Guo	<u>e</u>
STREET STATE ZIP	TOTAL 154500
	PLUG & FLOAT EQUIPMENT
To Allied Cementing Co., LLC.	& Brodn Pluz @ 92.00
To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or	& 18 moden Plug_@ 92
You are hereby requested to rent cementing equipment	<u>&amp; {2 Woodn Pluz_@@</u> @ @@ @@ @
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.	<u>SALES TAX (If Any)</u> TOTAL CHARGES
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.	<u> </u>

•• - •

CONSOLIDATED Oil Well Services, LLC	<i>REMIT TO</i> Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346		Cha 620/431-9210 • 7	MAIN OFFICE P.O. Box 884 nute, KS 66720 I-800/467-8676 x 620/431-0012
INVOICE				247166
Invoice Date: 01/19/2012	======================================	1/30		age 1
LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 67846 (316)265-5611		ROSE 4-14 33814 14-14-32 1-14-2012 KS	dnilling AF	E 11 -340 4K
				,
1131       60/40 P         1110A       KOL SEA         1118B       PREMIUM         1107       FLO-SEA         1144G       MUD FLU         4157       FLOAT S         4454       5 1/2"         4283       DV TOOL         4104       CEMENT	L CEMENT DZ MIX L (50# BAG) GEL / BENTONITE L (25#) SH (SALE) HOE 5 1/2" 8 RD LATCH DOWN PLUG W/ LATCH DOWN BASKET 5 1/2" IZER 5 1/2" LIZER 5 1/2" LIZER 5 1/2"	130.00 520.00 650.00 3578.00 130.00 500.00 1.00 1.00 1.00 9.00	.2400 2.6600 1.0000 413.0000 567.0000 4700.0000	2792.40 7462.00 344.50
	JL I			
	Amount Due	23596.68 if pa	aid after 02	/18/2012
Parts: 18781.42 Freight: Labor: .00 Misc: Sublt: -3319.75 Supplies:	.00 Tax: .00 Tota .00 Chan	1: 20057.1 ge: .0	19 )0	20057.19
Signed			Date	
BARTLESVILLE, OK EL DORADO, KS EUREKA, KS 918/338-0808 316/322-7022 620/583-766		EY, KS OTTAWA, KS 72-2227 785/242-4044	THAYER, KS 620/839-5269	GILLETTE, WY 307/686-4914

R	¢

#### Consolidated

Oli Wall Services, LLC

PO Box 884, Chanute, KS 66720 620-431-9210 or 800-467-8676

N			LOCAT
AFE	11	1340 J	FOREN
FIELD TICKE	Т	& TREATMENT	REPORT

FOREMAN Fuzz 4 DRT miles 5

TICKET NUMBER 33814

LOCATION ORKING

620-431-9210 or 800-467-8676 CEMENT							.Ks	
DATE	CUSTOMER #	WELL	NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
1-14.12	4793	Rosa	<u>e</u> 4.1	-(	14	14	ろみ	LOGAN
CUSTOMER				- 1404	1.11支援的师学:	中的影响中的法学会的	<b>永靖陸軍副北</b> 国	
Laric	0.14	GAS		OAHSY	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRE				185	463	JoshG		
PO BOX	(1093			62	439	Cery D		
CITY		STATE	ZIP CODE		466	West		
Garden	1 City	KS	67846					
JOB TYPE 2	·Stace	HOLE SIZE	<u>פורר</u>	HOLE DEPTH	4530'	CASING SIZE & W	/EIGHT <u> 5'(み</u>	
CASING DEPTH	4532'	DRILL PIPE		TUBING			OTHER DUC	2,2272'
SLURRY WEIGH	11138.12.5	SLURRY VOL	42-1.9	WATER gal/sl	k <u>6.9-108</u>	CEMENT LEFT In	CASING 21	<u> </u>
DISPLACEMENT	110.11 84L	DISPLACEMENT	r psi	MIX PSI	•	RATE	·····	
REMARKS: Saledy meeting on Duko #4 Float-quip @ Rigupacticulate								rulate
PUMp SBAL WALLER, SCORAL Mod Florth, SBAL Walter, Miry 130545 OWE WS#								
Kelsenl, which putting have lines. Drop plug and displace 54 1/2 BAL WARK, 5512								
BBL mud boothigt landpluge 1500t. Drop DUBOND wit 10 min open fall								
	@ 1000 t. Circ 3 hts. Pump 5 BBL worker, Min 307PS RH. Min LIGOSPS							

60/40 8 90 ccl 114# Flossed down 5"2 css. Btop ptus Washpump + lines Propplus and displace 56 BBLS. Lift press 700# land plus and close tool @ 1700# coment did circulate Approx 25 BBL to pit.

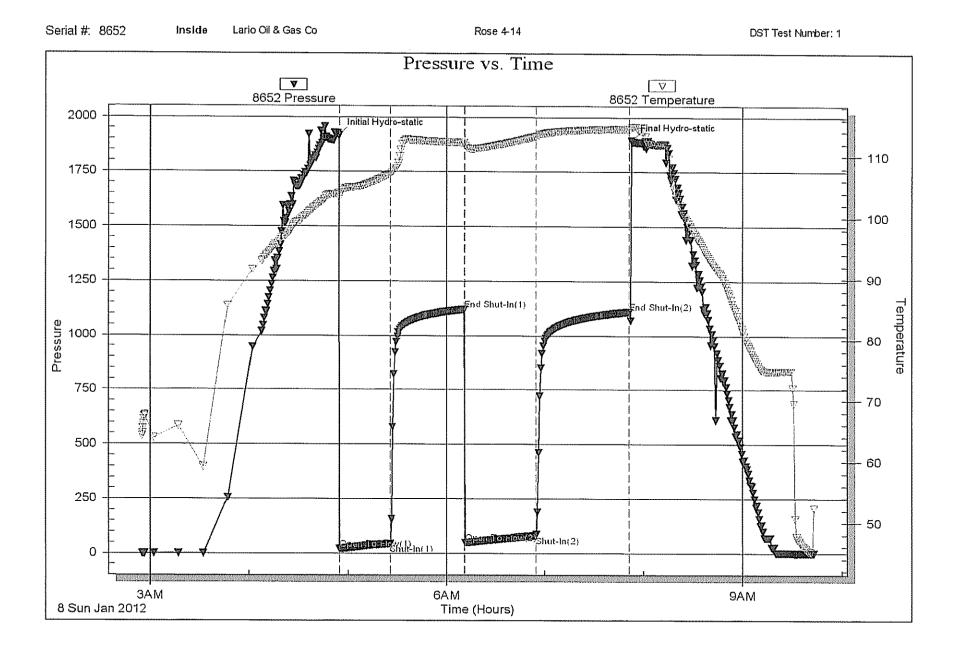
		-	Threads Fo	224 to Cteck
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401 6		PUMP CHARGE	285000	285000
5406	10	MILEAGE	500	50
SHOTA	23.54cm	Towmiliage Delivery	158	45030
1126	130 545	OVC	21.48	2792 42-
1131	5205KS	60/40 PUS	14.35	7462-
1110 A	650#	Kol. Seal	-53	2442
1118 B	3578#	Bentonite	,24	858 72-
1107	130 ±	Flo-seg/	2.66	345 2.
11446	500 99	mud Flush	1.00	500,00
4157		S/2"AFU Float Share	413,00	4/3.00-
4454		51/2" Latchdown Assy	567.00	567.00 4700,00
4283		5%" DV tous	4700.00	4700,00
4104	1	5% Basket	216.	J 10 1
4130	9	5%" Centralizes	5800	522,00
		5 0 0 4	x(n)	2213122
		1+55 150	Podisc_	331975
	······			18311 97
		247166	SALES TAX	1245 =2
Ravin 3737			ESTIMATED TOTAL	20057 19
AUTHORIZTION	Jans hahr	TITLE Superintendent	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.

RILOBITE	DRILL STEM TES	ST REPORT
	Lario Oil & Gas Co	14 14s 32w Logan Ks
ESTING , INC.	301 Market St. Wichita Ks 67202	Rose 4-14 Job Ticket: 44403 DST#: 1
	ATTN: Brad Rine	Test Start: 2012.01.08 @ 02:55:00
GENERAL INFORMATION:		
Formation:LKC- GDeviated:NoWhipstock:Time Tool Opened:04:54:30Time Test Ended:09:43:15	ft (KB)	Test Type:Conventional Bottom Hole (Initial)Tester:Bradley WalterUnit No:40
Interval:3907.00 ft (KB) To39Total Depth:3954.00 ft (KB) (T\Hole Diameter:7.88 inchesHole		Reference Elevations:         2799.00         ft (KB)           2790.00         ft (CF)           KB to GR/CF:         9.00         ft
Serial #:8652InsidePress@RunDepth:81.30 psigStart Date:2012.01.08Start Time:02:55:05	@ 3908.00 ft (KB) End Date: End Time:	Capacity:         8000.00         psig           2012.01.08         Last Calib.:         2012.01.08           09:43:14         Time On Btm:         2012.01.08 @ 04:54:15           Time Off Btm:         2012.01.08 @ 07:52:30
TEST COMMENT: IF: 1 inch blow . ISI: No return. FF: 3/4 inch blow FSI: No return.		
Pressure vs. Ti	ing largeringe	PRESSURE SUMMARY
Ben Jenson The Present The Pr		Time         Pressure (psig)         Temp (deg F)         Annotation           0         1914.25         103.99         Initial Hydro-static           1         20.23         102.96         Open To Flow (1)           32         44.48         107.11         Shut-In(1)           77         1120.65         112.20         End Shut-In(1)           77         48.39         111.71         Open To Flow (2)           121         81.30         113.23         Shut-In(2)           177         1109.83         114.47         End Shut-In(2)           179         1892.78         114.74         Final Hydro-static
Recovery	·······	Gas Rates
Length (ft) Description 70.00 mcw 10m 90w (oil spots	Volume (bbl) 0.70	Chole (Inches) Pressure (psig) Gas Rate (Mc//d)
Trilobile Testing. Inc	Ref. No: 44403	Printed: 2012.01.09 @ 11:31:37

Printed: 2012.01.09 @ 11:31:37

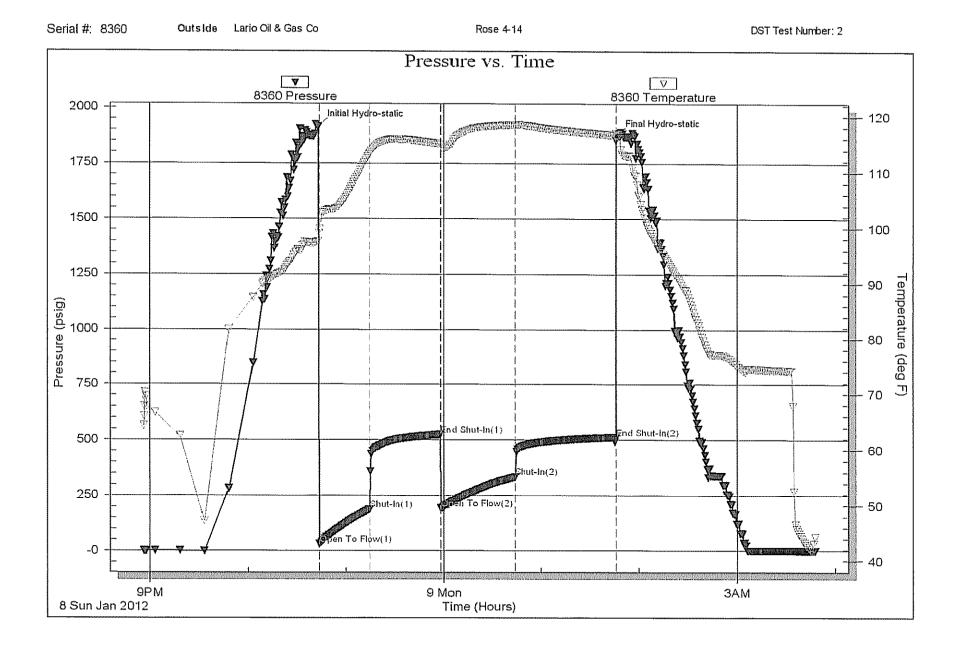
	DRILL STEM TE	ST REPORT	• · · ·	FLUID SUMMARY
RILOBITE	Lario Oil & Gas Co	******	14 14s 32w L	ogan Ks
ESTING , INC.	301 Market St. Wichita Ks 67202 ATTN: Brad Rine	÷ .	Rose 4-14 Job Ticket: 4440	13 DST#: 1 1.01.08 @ 02:55:00
		· · ·	Test Sient. 2012	-
Mud and Cushion Information				n ang yina aga sa
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:56.00 sec/qtWater Loss:6.39 in³Resistivity:ohm.mSalinity:2200.00 ppmFilter Cake:1.00 inches	Cushion Type: Cushion Lengt Cushion Volur Gas Cushion T Gas Cushion F	h: ne: īype:		API: 0 deg API ter Salinity: 22000 ppm and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and and
Recovery Information				
Leng	Recovery Ta		Volume	
ft ft	70.00 mcw 10m 90w (oil sp	ots )	0.696	
Total Length:	70.00 ft Total Volum			
Num Fluid Samp Laboratory Nan Recovery Comr		Location:	Serial #:	·
		5 -		
				· ·



Printed: 2012.01.09 @ 11:31:38

Tormation:       LKC- H         Deviated:       No       Whipstock:       ft (KB)         Time Tool Opened: 22:43:30       Test Type:       Conventional Bottom Hole (Res         Time Tool Opened: 22:43:30       Tester:       Bradley Walter         Time Test Ended:       03:47:30       Unit No:       40         Interval:       3951.00 ft (KB) To       3993.00 ft (KB) (TVD)       Reference Elevations:       2799.00 ft (KB)         Total Depth:       3993.00 ft (KB) (TVD)       Reference Elevations:       2799.00 ft (KB)         Start Date:       7.88 inchesHole Condition: Good       KB to GR/CF:       9.00 ft         Start Date:       2012.01.08       End Date:       2012.01.09       Last Calib.:       2012.01.08 @ 22:43:00         Start Time:       20:56:05       End Time:       03:47:29       Time On Btm:       2012.01.09 @ 01:46:15         TEST COMMENT:       F: BOB @ 11 min.       FS: No return.       FS: No return.       Fressure vs. Time       PRESSURE SUMMARY         Time off Btm:       2012.01.09 @ 01:46:15       1       30.96       98.98       Open To Flow (1)         Time off Btm:       30.96       98.98       Open To Flow (1)       113.30       Shut-In(1)       Time off Btm:       Time off Flow (1)	
Job Ticket: 44404 DST#2 ATTN: Brad Rine Test Start: 2012.01.08 @ 20:56:00 SENERAL INFORMATION: formation: LKC- H keviated: No Whipstock: ft (KB) ime Tool Openet: 22:43:30 ime Tool Openet: 22:43:30 ime Tool Openet: 3993.00 ft (KB) (TVD) otal Depth: 3993.00 ft (KB) (TVD) therail #: 8360 Outside ress@RunDepth: 334.29 psig @ 3952.00 ft (KB) tart Tarte: 20:56:05 End Time: 03:47:29 Time On Birr. 2012.01.08 @ 22:43:00 Thre Off Birr. 2012.01.08 @ 22:43:00 Thre Off Birr. 2012.01.09 @ 01:46:15 EST COMMENT: IF: BOB @ 11 min. ISt No return. The BOB @ 11 min. ISt No return. The BOB @ 18 min. FSt No return. The BOB @ 11 min. ISt No return. The BOB @ 18 min. FSt No return. The BOB @ 11 min. St No return. The BOB @ 18 min. FSt No return. The BOB @ 18 min. FSt No return. The BOB @ 11 min. St No return. The BOB @	
Deviated:         No         Whipstock:         ft (KB)         Test Type:         Conventional Bottom Hole (Res           Time Test Ended:         03:47:30         Tester:         Bradley Walter           Interval:         3951.00 ft (KB) To         3993.00 ft (KB) (TVD)         Reference Bevalions:         2799.00 ft (KB)           Total Depth:         3993.00 ft (KB) (TVD)         Reference Bevalions:         2790.00 ft (KB)           Total Depth:         3993.00 ft (KB) (TVD)         Reference Bevalions:         2790.00 ft (CF)           Serial #:         8360         Outside         2012.01.09         Last Calib.:         2012.01.09           Start Date:         2012.01.08         End Date:         2012.01.09         Last Calib.:         2012.01.09 @ 01:46:15           TEST COMMENT:         IF: BOB @ 11 min.         IS: No return.         FE: BOB @ 11 min.         FS: No return.           FS: No return.         FS: No return.         FS: BOB @ 18 min.         FS: No return.         FS: BOB @ 18 min.           FS: No return.         FS: BOB @ 18 min.         FS: BOB @ 18 min.         FS: S2.26         115.05           Time @ Fessure time         Imme @ Fessure time         Imme @ Fessure time         Imme @ Fessure time           Imme @ Fessure time         Imme @ Fessure time time         Imme @ Fessure ti	
The second secon	<u> </u>
Time Tool Opened: 22:43:30       Tester:       Bradley Walter         Time Test Ended:       03:47:30       Unit No:       40         Interval:       3951.00 ft (KB) (TVD)       Reference Elevations:       2799.00 ft (KB)         Total Depth:       393.00 ft (KB) (TVD)       Reference Elevations:       2799.00 ft (KB)         -bib Diameter:       7.88 inchesHole Condition:       Good       KB to GR/CF:       9.00 ft         Serial #:       8360       Outside       Capacity:       8000.00 psig         Start Date:       2012.01.09       Last Calib.:       2012.01.09       2012.01.09 @ 01:46:15         Start Time:       20:56:05       End Time:       03:47:29       Time Off Btm:       2012.01.09 @ 01:46:15         TEST COMMENT:       F: BOB @ 11 min.       IS: No return.       Freesoure vr. Time       PRESSURE SUMMARY         Time       Off Btm:       2012.01.09 @ 01:46:15       130.96       98.98       Open To Flow (1)         133.09       188.09       113.30       Shut-In(1)       114.82       Open To Flow (2)         143.42       114.46       Shut-In(2)       114.82       Open To Flow (2)       114.82         138.109.63       116.56       End Shut-In(2)       Final Hydro-static       Final Hydro-static <td></td>	
Total Depth:       3993.00 ft (KB) (TVD)       2790.00 ft (CF)         Hole Diameter:       7.88 inchesHole Condition: Good       KB to GR/CF:       9.00 ft         Serial #:       8360       Outside       Capacity:       8000.00 psig         Start Date:       2012.01.08       End Date:       2012.01.09       Last Calib.:       2012.01.08 @ 22:43:00         Start Time:       20:56:05       End Time:       03:47:29       Time On Btm       2012.01.09 @ 01:46:15         TEST COMMENT:       F: BOB @ 11 min.       ISt: No return.       FF: BOB @ 18 min.       FS: No return.       FF: BOB @ 18 min.         FS: No return.       FF: BOB @ 18 min.       FS: No return.       FF: BOB @ 18 min.       FS: No return.         Total of the filter of the filterof the filter of the filter of the filter of the filterof	sel)
Press@RunDepth: 334.29 psig @ 3952.00 ft (KB) Capacity: 8000.00 psig Start Date: 2012.01.08 End Date: 2012.01.09 Start Time: 20:56:05 End Time: 03:47:29 Time On Btm 2012.01.08 @ 22:43:00 Time Off Btm 2012.01.09 @ 01:46:15 TEST COMMENT: IF: BOB @ 11 min. ISI: No return. FF: BOB @ 18 min. FS: No return. Pressure vs. Time Pressure (Mn.) 0 1913.16 130.96 98.98 Open To Flow (1) 32 188.09 113.30 Shut-In(1) FT 5 523.26 115.05 End Shut-In(1) Pressure vs. Time Pressure Pressure Pressure Vs. Time Pressure Pressure Pre	
Press@RunDepth: 334.29 psig @ 3952.00 ft (KB) Capacity: 8000.00 psig Start Date: 2012.01.08 End Date: 2012.01.09 Start Time: 20:56:05 End Time: 03:47:29 Time On Btm 2012.01.08 @ 22:43:00 Time Off Btm 2012.01.09 @ 01:46:15 TEST COMMENT: IF: BOB @ 11 min. ISI: No return. FF: BOB @ 18 min. FS: No return. Pressure vs. Time Pressure Termp Annotation 1 30.96 Open To Flow (1) 32 188.09 113.30 Shut-In(1) Pressure Vs. Time Pressure Termp Annotation Time Off Btm Pressure Termp Annotation Pressure Termp Pressure Termp Annotation Pressure Termp Annotation Pressure Termp Pressure Termp Annotation Pressure Termp Pressure Termp Pressure Termp Pressure Termp Pressure Termp Pressure Termp Pressu	
Time Off Birr: 2012.01.09 @ 01:46:15         TEST COMMENT: IF: BOB @ 11 min. ISI: No return. FF: BOB @ 18 min. FSI: No return.         Terme OFRESSURE SUMMARY         Time Pressure (Min.)         OFFERENCE SUMMARY         Time Off Birr: BOB @ 11 min. FSI: No return.         Time Off Birr: BOB @ 11 min. FSI: No return.         PRESSURE SUMMARY         Time (Min.)       Pressure (Min.)       Temp (Annotation (Min.)         0       1913.16       98.98       Open To Flow (1)         32       188.09       113.30       Shut-In(1)         0       75       523.26       115.05       End Shut-In(1)         0       75       192.73       114.82       Open To Flow (2)         121       334.29       118.46       Shut-In(2)         183       509.63       116.58       End Shut-In(2)         184       1872.93       116.81       Final Hydro-static	
TEST COMMENT: F: BOB @ 11 min. ISI: No return. FF: BOB @ 18 min. FS: No return.	
Image: Constraint of the second se	
Image: Construction       Image: Construction<	<u></u>
Image: Constraint of the second se	
1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1       1	
The second se	
m     75     192.73     114.82     Open To Flow (2)       730     121     334.29     118.46     Shut-ln(2)       730     183     509.63     116.58     End Shut-ln(2)       74     184     1872.93     116.81     Final Hydro-static	
121     334.29     118.46     Shut-In(2)       120     183     509.63     116.58     End Shut-In(2)       184     1872.93     116.81     Final Hydro-static	
m 184 1872.93 116.81 Final Hydro-static	
TTT Cashing Cashing	
Recovery Gas Rates	
Length (ft)         Description         Volume (bbi)         Chole (inches)         Pressure (psig)         Gas Rate (Molecular)	<b>^た</b> (d)
700.00 mcw 5m 95w (oil spots in tool ) 6.96	
Recovery from multiple tests	

	DRI	LL S	TEM TEST P	REPOR	T	FL.	UID SUMMARY
RILOBITE	Lario C	)il & Gas (	Co		14 14s 32w	/ Logan Ks	
TESTING , INC	1	arket St. I Ks 6720	)2		Rose 4-14 Job Ticket: 4	4404 D	ST#:2
	ATTN	Brad Ri	ne		Test Start: 2	012.01.08 @ 20:56	::00
Mud and Cushion Information					<u></u>		na na serie a
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 51.00 sec/qt Water Loss: 7.60 in <sup>3</sup>		(	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type:		ft bbl	Oil API: Water Salinity:	0 deg API 72000 ppm
Resistivity:     ohm.m       Salinity:     3000.00 ppm       Filter Cake:     1.00 inches		(	Gas Cushion Pressure		psig	Angla Angla Sa La Sana Angla Sana	n (nga sa
Recovery Information							······
Len		 	Description		Volume	1	an a
f	700.00	mcw 5r	n 95w (oil spots in too	ol )	6.963		
Total Length:	700	.00 ft	Total Volume:	6.963 bbl			
Num Fluid San Laboratory Na Recovery Con	ime:	is .13 @	Num Gas Bombs: Laboratory Locatio 60f = 72000	0 n:	Serial #:		
					:	1 1. 2	
		·	· · · · · · · · · · · · · · · · · · ·			. · ·	
		••					
				4 			
							ile en el



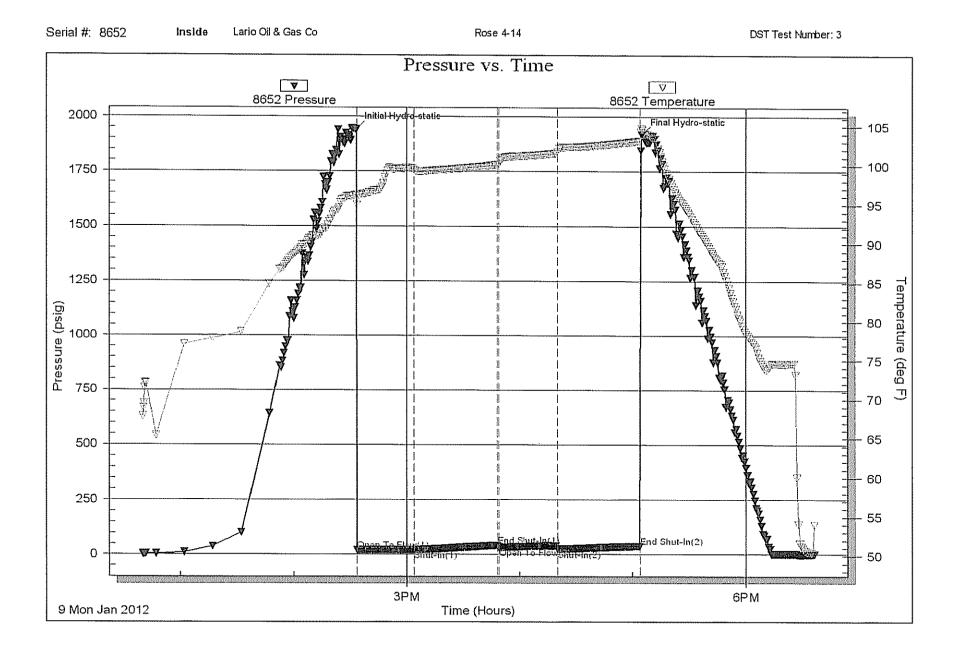
Ref. No: 44404

Printed: 2012.01.09 @ 08:17:06

RILOBITE	DRILL STEM TE	ا يسلا ۲ ۲ ۲ من				_	
	Lario Oil & Gas Co		14	14s 32v	v Logan K	(s	
ESTING , INC.	301 Market St.		Ro	se 4-14			
	Wichita Ks 67202		Job	Ticket: 4	4405	DST#: 3	
	ATTN: Brad Rine		Tes	st Start: 2	012.01.09 @	2 12:40:00	
GENERAL INFORMATION:							
Formation: LKC - I Deviated: No Whipstock: Time Tool Opened: 14:33:15 Time Test Ended: 18:36:15	ft (KB)		Tes	iter:	Conventiona Bradley Wał 40	I Bottom Hole ter	(Reset)
Interval: 3992.00 ft (KB) To 40	05.00 ft (KB) (TVD)		Ref	erence B	evations:	2799.00 fi	I (KB)
Total Depth: 4025.00 ft (KB) (TV				t em		2790.00 ft	
Hole Diameter: 7.88 inches Hole	Condition: Good			KB1	to GR/CF:	9.00 fi	
Serial #:         8652         Inside           Press@RunDepth:         23.76 psig         (           Start Date:         2012.01.09         (           Start Time:         12:40:05         (	② 3993.00 ft (KB) End Date: End Time:	2012.01.09 18:36:14	Capacity Last Cali Time On Time Off	b.: Bim:	2012.01.09 ( 2012.01.09 (		sig
TEST COMMENT: IF: Surface blow, ISI: No return. FF: No blow . FSI: No return. Pressure vs. Ti		-T					
		Time	Pressure	Temp	Annotatio	······································	
		(Min.)	(psig)	(deg F)			
		0	1940.49 19.84		Initial Hydro Open To Flo		
		31	21.69	99.47		JW (1)	
		76	42.04	100.09	End Shut-In		
		76 108	31.08 23.76	1	Open To Flo Shut-In(2)	ow (2)	
			37.58		End Shut-In	(2)	
	2 7 2		1917.48	104.70	Final Hydro	-static	
		152	1517.40	. 104.70			
		152	1517.40	. 104.70			
		152	1517.40		s Rates		
and the second s	Volume (bb)		1517.40	Gas	s Rates ches) Pressure	e (psig) Gas Ri	zie (McJ/d)
m m m m m m m m m m m m m m			1517.40	Gas		e (psig) Gas Ri	ale (McØd)
and the second s	Volume (bb)		1517.40	Gas		e (psig) Gas Ri	ale (McØd)
and the second s	Volume (bb)			Gas		a (psig) Gas Ri	zie (McØd)
and the second s	Volume (bb)		1517.40	Gas		e (psig) Gas Ri	ale (McJ/d)
and the second s	Volume (bb)		1517.40	Gas		2 (psig) Gas Ri	zie (Mc3/d)

(Or)	RILOBITE	DRI	LL ST	EM TEST	REPORT	r ····	FLUID	SUMMARY
	TESTING , INC.	: 301 Ma	oil & Gas Co arket St. a Ks 67202			14 14s 32 Rose 4-14 Job Ticket: 4		3
NON .		ATTN:	Brad Rine	9		Test Start: 2	2012.01.09 @ 12:40:00	
Mud and C	Sushion Information					*********		
Mud Type: 0 Mud Weight: Viscosity: Water Loss: Resistivity: Salinity: Fitter Cake:	Gel Chem 9.00 lb/gal 67.00 sec/qt 7.20 in <sup>3</sup> ohm.m 2800.00 ppm 1.00 inches		0. 0. 0.	ushion Type: ushion Length: ushion Volume: as Cushion Type: as Cushion Pressur	e:	ft bbl psig	Oil API: Water Salinity:	0 deg API 0 ppm
Recovery I	nformation							
	Leng	h	R	ecovery Table Description	*****	Volume bbl	]	
		5.00	mud 100r	n (oil spots )		0.050		
	Total Length:		.00 ft	Total Volume:	0.050 bbl		··· · · ·	
	Num Fluid Samp Laboratory Nam Recovery Comm	ne:		Num Gas Bombs: Laboratory Locati	O DN:	Serial #		
			r		a L	le a		
						and solar s		
							:	

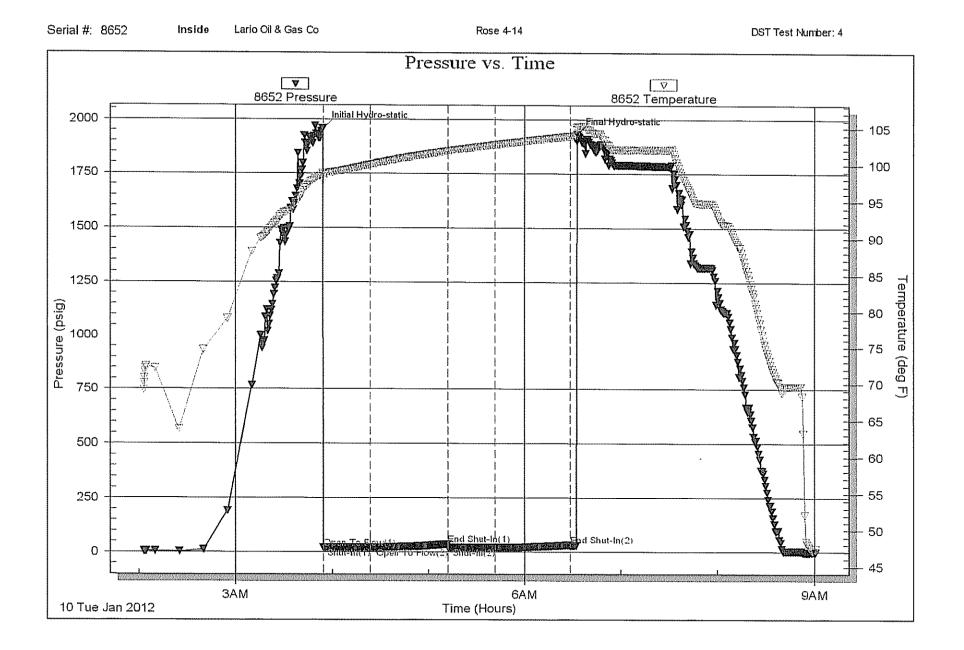
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Ref. No: 44405

	DRILL STEM TES	ST REP	ORT				
RILOBITE	Lario Oil & Gas Co		14	14s 32v	v Logan H	(s	
ESTING , INC	301 Market St. Wichita Ks 67202			o <b>se 4-14</b> Ticket: 4		DST#:4	1
	ATTN: Brad Rine		Tes	st Start: 2	012.01.10 @	02:03:00	
GENERAL INFORMATION:	····	<u>.</u>					
Formation: LKC - J Deviated: No Whipstock: Time Tool Opened: 03:54:30 Time Test Ended: 09:00:45	ft (KB)		Tes	ster:	Conventiona Bradley Wal 40		e (Reset)
Total Depth: 4048.00 ft (KB) (TV	48.00 ft (KB) (TVD) D) Condition: Good		Ref	erence B	evations: to GR/CF:	2799.00 2790.00 9.00	ft (CF)
Serial #: 8652 Inside Press@RunDepth: 19.22 psig ( Start Date: 2012.01.10 Start Time: 02:03:05 TEST COMMENT: IF: Surface blow, ISI: No return. FF: Surge at oper FSI: No return.	End Date: End Time: Died @ 27 min.	2012.01.10 09:00:44	Capacity Last Cali Time On Time Off	ib.: Btm	2012.01.10 ( 2012.01.10 (	-	psig
F31. IND FERUITI.			01				· .
And Pressure		Time	Pressure	Temp			
200		(Min.) 0 1 30 78 78 78 108	(psig) 1956.88 19.25 19.63 35.46 18.64 19.22 31.51 1931.26	(deg F) 98.85 97.76 100.02 101.86 101.87	Initial Hydro Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	o-static ow (1) n(1) ow (2)	
Recovery				Gas	s Rates		
Length (fl) Description	Volume (bbi)			Choke (ii	nches) Pressur	e (psig) Gas	Rate (Mct/d)
3.00 mud 100m (oil spots )	0.03						

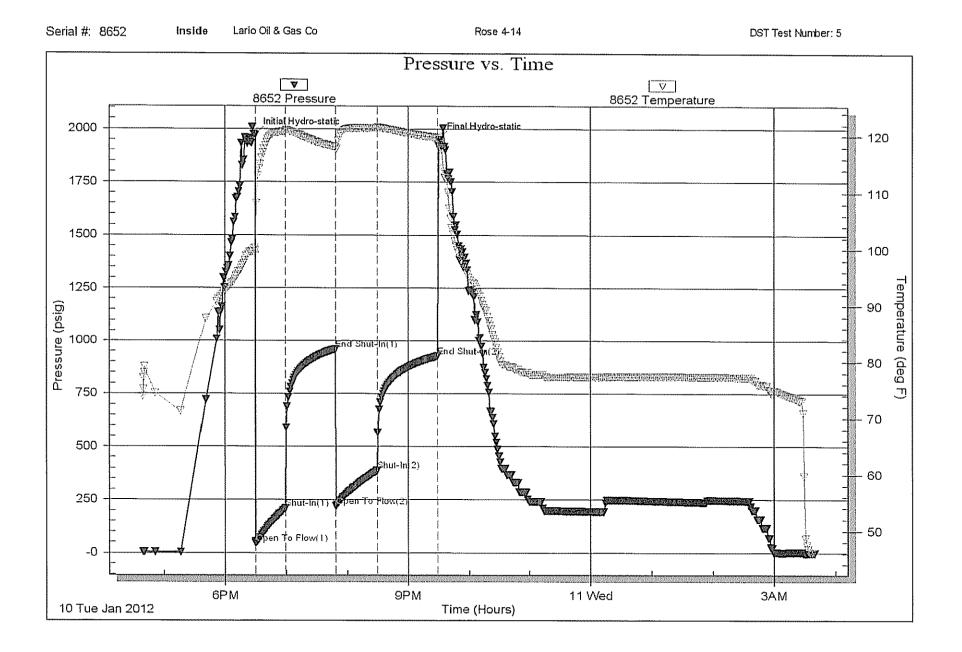
RILOBITE	DRILL STEM TEST REPORT	FLUID SUMMARY
	Lario Oil & Gas Co	14 14s 32w Logan Ks
ESTING , INC.	oor marrier or.	Rose 4-14
		Job Ticket: 44406 DST#:4
	ATTN: Brad Rine	Test Start: 2012.01.10 @ 02:03:00
Mud and Cushion Information		
Mud Type: Gel Chem	Cushion Type:	Oil API: 0 deg API
Mud Weight: 9.00 lb/gal Viscosity: 67.00 sec/qt	5	ft Water Salinity: Oppm.
Water Loss: 7.20 in*	Gas Cushion Type:	and the second
Resistivity: ohm.m	Gas Cushion Pressure:	psig
Salinity: 2800.00 ppm Filter Cake: 1.00 inches		and the second secon
Recovery Information		
	Recovery Table	· · · · · · · · · · · · · · · · · · ·
Lengi ft	th Description	Volume bbl
	3.00 mud 100m (oil spots )	0.030
Total Length:	3.00 ft Total Volume: 0.030 bbl	
Num Fluid Samp		Serial #:
Laboratory Narr Recovery Com		
	And	



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(INT	RILOBITE	DRILL STE	EMT	ES	ST REP	ORT				
	Annual and a second seco	Lario Oil & Gas Co				14	14s 32v	v Logan H	(s	
	ESTING , INC.	301 Market St.				Ro	ose 4-14			
		Wichita Ks 67202				Jot	o Ticket: 4	4407	DST#:5	;
		ATTN: Brad Rine				Te	st Start: 2	012.01.10 @	0 16:39:00	
<i>μ</i> ≁4 <u>β</u> .	Marina di Manada ana amin'ny fanina amin'ny fanina amin'ny fanina amin'ny fanina amin'ny fanina amin'ny fanina									
GENERAL I	NFORMATION:									
Formation: Deviated: Time Tool Oper Time Test Ende		ft (KB)				Tes	ster:	Conventiona Bradley Wal 40		e (Reset)
Interval:	4045.00 ft (KB) To 40	75.00 ft (KB) (TVD)				Rel	ference E	evations:	2799.00	ft (KB)
Total Depth:	4075.00 ft (KB) (TV	•							2790.00	
Hole Diameter:	7.88 inchesHole	Condition: Good					KB	to GR/CF:	9.00	ft
Serial #: 86 Press@RunDe Start Date: Start Time:		@ 4046.00 ft (KB End Date: End Time:	)		2012.01.11 03:40:15	Capacity Last Cal Time On Time Off	ib.: Btm	2012.01.10 ( 2012.01.10 (		psig
TEST COMM	/IENT: IF: BOB @ 5 min. ISI: 1/2" return, re FF: BOB @ 11 m FSI: 1/2 inch retu	n. m.								
	Pressure vs. Ti				Time	Pressure		RE SUMM		
2000				120	(Min.)	(psig)	Temp (deg F)		fi f	
1750			1	110	0	1970.65	100.17	-		
150					1 30	46.12 209.36	99.73 120.89		ow (1)	
			Ē	100	79	209.50 959.67	120.05		1(1)	
/1			ł	Fanqsəratura B S	80	218.47	117.59	Open To Fl		
6 <del>}</del> ~ //					120	387.55		Shut-In(2)		
		the second secon		8 8 3 (j <sup>3</sup> 849)	180 181	927.56 1950.28	119.60 118.63	End Shut-In Final Hydro		
074 10 Tun Jan 2012	ut prisi Yime (Hauss)	11 Wite 34	4							
	Recovery						Gas	s Rates		
Length (ft)	Description	Volume	(1551)					nches) Pressure	e (psig) Gas	Raie (Mc#d)
435.00	mcw 10m 90w (oil spots	4.33			L		<u>.t</u>	1	<u>.</u>	
120.00	ow cm 5o 75w 20m	1.19								
235.00	gwocm 3g 17o 30w 50m	2,34								
30.00	go 20g 80o	0.30								
30.00										
0.00	225' GIP	0.00	l							
		0.00								

		ILL STEM TEST REPO	DRT <sup>the</sup>	FLUID SUMMAR
		Dil & Gas Co	14 14s 32w Logan H	S.
I ESTI		arket St. a Ks 67202	Rose 4-14 Job Ticket: 44407	DST#:5
		Brad Rine	Test Start: 2012.01.10 @	
Mud and Cushion Infor	rmation	- ·· ·		
Mud Type: Gel Chem Mud Weight: 9.00 lb/	(op)	Cushion Type: Cushion Length:	Oil API: ft Water Salini	34 deg API ty: 62000 ppm
Viscosity: 63.00 se		Cushion Volume:	bbi	y. 02000 ppm
Water Loss: 7.98 in <sup>a</sup>		Gas Cushion Type:		
Resistivity: oh	mm	Gas Cushion Pressure:	psig	
Salinity: 3400.00 pp Filter Cake: 1.00 inc				
Recovery Information				
-		Recovery Table		
	Length ft	Description	Volume bbi	
ŀ	435.00	mcw 10m 90w (oil spots )	4,327	
Ľ	120.00	ow cm 5o 75w 20m	1.194	
	235.00	gw ocm 3g 17o 30w 50m	2.338	
ŀ	30.00	go 20g 80o 225' GIP	0.298	
Tota		0.00 ft Total Volume: 8.157		
Labo	i Fluid Samples: 0 bratory Name: overy Comments: rv	Num Gas Bombs: 0 Laboratory Location: v is .18 @ 48f = 62000ppm	Serîal #:	
			<i>;</i>	
Trilobite Testing, Inc	F	Ref. No: 44407	Printed: 2012.01.11	@ 08:53:54

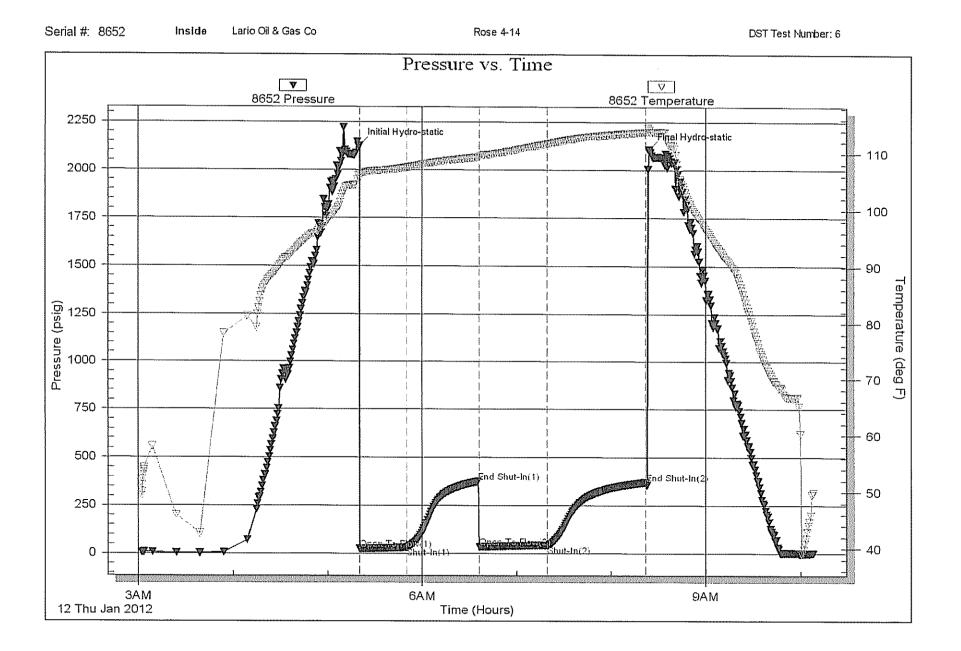


Ref. No: 44407

Printed: 2012.01.11 @ 08:53:54

RILOBITE	Lario Oil & Gas Co		14	14s 32	v Logan K	(s	
ESTING, INC.	204 Mark-1 04			ose 4-14	-		
	301 Market St. Wichita Ks 67202			bse 4-14 b Ticket: 4		DST#:6	
	1						
"NHATI"	ATTN: Brad Rine			st Start: 2	2012.01.12 @	) 03:02:00	
GENERAL INFORMATION:							
Formation: Ft Scott Deviated: No Whipstock:	ft (KB)		То	nt Tuno:	Conventiona	d Dolfor Hol	- /D
Deviated: No Whipstock: Time Tool Opened: 05:20:00				st rype. ster:	Bradley Wal		5 (17256
Time Test Ended: 10:08:00			Un	it No:	40		
Interval: 4278.00 ft (KB) To 43	310.00 ft (KB) (TVD)		Re	ference E	evations:	2799.00	ft (KB)
Total Depth: 3954.00 ft (KB) (T	-					2790.00	
Hole Diameter: 7.88 inchesHole	e Condition: Good			KB	to GR/CF:	9.00	ft
Serial #: 8652 Inside							
Press@RunDepth: 42.99 psig		2012 01 12	Capacity Last Cal			8000.00	psig
Start Date:         2012.01.12           Start Time:         03:02:05	End Date: End Time:	2012.01.12 10:07:59	Time On		2012.01.12 (	2012.01.12 @ 05:19:45	
	dente theol & bit 5 Meet 1	.5.51.00	Time Off		2012.01.12 (		
FF: Surface blow FSI: No return. Pressure vs. T	ime		P	RESSU	RE SUMM	ARY	
		Time	Pressure	Temp	Annotatio	n	
	110	(Min.) 0	(psig) 2126.50	(deg F) 106.31	1	etatio	
		1	24.05		Open To Fl		
		31	30.92		Shut-In(1)		
		76	373.30		End Shut-In	• •	
		77 120	32.98 42.99		Open To Flo Shut-In(2)	ow (2)	
		183	367.55		End Shut-In	(2)	
		5 185	2107.48	114.20	1		
2000 2000 2000 2000 2000 2000 2000 200	<u></u>		-				
<b>I</b> **			<u> </u>	<u> </u>			
Length (ft) Description	Volume (bbl)		·	Choke (ii	s Rates	e (psig) Gas I	Rate (McI/
		<del> </del>		<u> </u>	I	l	- 
20.00 gow cm 15g 10o 20w 55r							
20.00 gow cm 15g 10o 20w 55r	f	1					
20.00 gow cm 15g 10o 20w 55r							
20.00 gow cm 15g 10o 20w 55r							
20.00 gow cm 15g 10o 20w 55r							

	DRI	LL S	TEM TEST	REPOR	<b>r</b>		FLUID	SUMMARY
RILOBITE		Lario Oil & Gas Co			14 14s 32	w Logan Ks	lang sa	
ESTING , INC		rket St. Ks 6720	12		Rose 4-14		DST#:(	6
	ATTN:	Brad Rir	пе			2012.01.12 @ (		
Mud and Cushion Information							e ty	
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:60.00 sec/qtWater Loss:9.58 in*Resistivity:ohm.mSalinity:4400.00 ppmFilter Cake:2.00 inches			Cushion Type: Cushion Length: Cushion Volume: Sas Cushion Type: Sas Cushion Press		ft bbl psig	Oil API: Water Salinity		0 deg API 0 ppm
Recovery Information		-	<b></b>					
Lengt ft	th	ł	Recovery Table Description		Volume			
	20.00	gow cm	15g 10o 20w 55m		0.19	9		
Total Length:	20.	00 ft	Total Volume:	0.199 bbl				
Num Fluid Samp Laboratory Nam Recovery Comm	ne:		Num Gas Bombs Laboratory Loca		Serial ≉	£.		

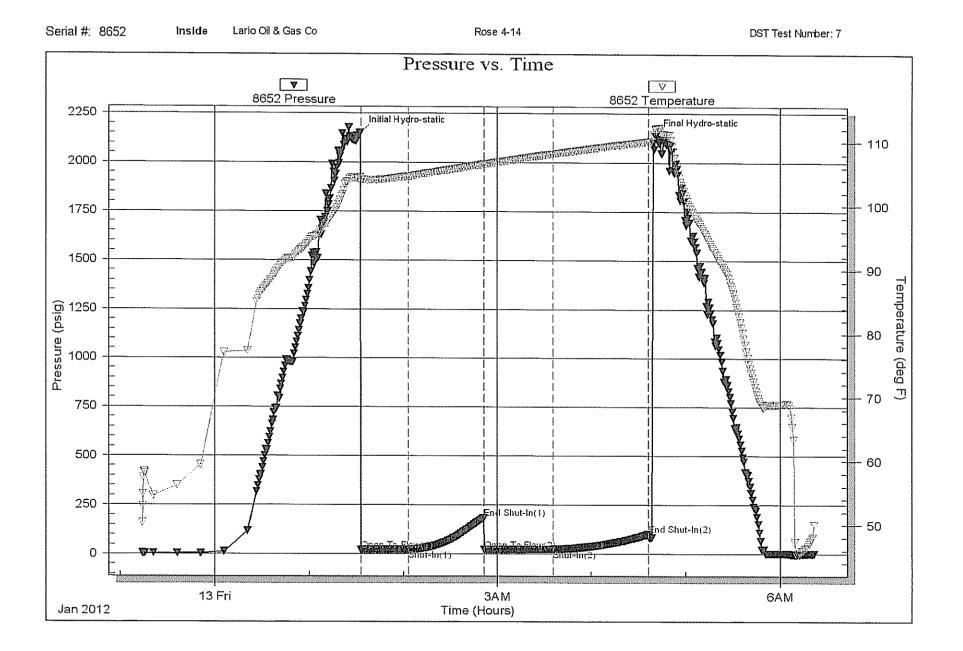


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RILOBITE	Lario Oil & Gas Co		4.4 -	140 23.	/ Logan K	·
TESTING, INC.					/ LUYAN P	13
	301 Market St. Wichita Ks 67202			<b>æ 4-14</b> Ticket: 4	4409	DST#:7
	ATTN: Brad Rine				012.01.12 @	
rile#[],						20,14,00
GENERAL INFORMATION:						
Formation:     Johnson       Deviated:     No     Whipstock:       Time Tool Opened:     01:32:45       Time Test Ended:     06:21:30	ft (KB)		Test Test Unit I	er:	Conventiona Bradley Wal 40	Il Bottom Hole (Reset) ter
Interval: 4354.00 ft (KB) To 44	)5.00 ft (KB) (TVD)		Refe	rence Be	vations:	2799.00 ft (KB)
Total Depth: 4405.00 ft (KB) (TV	D)					2790.00 ft (CF)
Hole Diameter: 7.88 inches Hole	Condition: Good			KB	o GR/CF:	9.00 ft
Serial #: 8652         Inside           Press@RunDepth:         23.66 psig (           Start Date:         2012.01.12           Start Time:         23:14:05	4355.00 ft (KB) End Date: End Time:	2012.01.13 06:21:29		ltm :	2012.01.13 ( 2012.01.13 (	
TEST COMMENT: IF: Surface blow . ISI: No return. FF: Surge, no blov FSI: No return.	v .					
		Time	Pressure	Temp		
	10		(psig)	(deg F)		
		0	2150.48 20.77	104.52 103.68	Initial Hydro Open To Fk	
		31	23.08	103.60	Shut-In(1)	(I) W
		79	184.94		End Shul-In	
		79 124	21.89		Open To Flo	ow (2)
		124 184	23.66	1	Shut-In(2) End Shut-In	(2)
		3 188	2137.73		Final Hydro	
				Gas	Rates	
				Gas Chole (in		(psig) Gas Rate (McJ/d)
						r (psig) Gas Rate (Mc/d)
er 200 20 /r The (Hers) Recovery Length (R) Description	Volume (bbl)					(psig) Gas Rate (Mc//d)
ar 200 2 /rr The (Hers) Recovery Length (fi) Description	Volume (bbl)					(psig) Gas Rate (Mc//d)
er 200 20 /r The (Hers) Recovery Length (R) Description	Volume (bbl)					(psig) Gas Rate (McJ/d)
er 200 20 /r The (Hers) Recovery Length (R) Description	Volume (bbl)					(psig) Gas Rate (Mc//d)

10 Ph		DRI	LL STE	MTEST	REPORT			FLUID S	UMMARY
	<u>RILOBITE</u>	Lario C	Dil & Gas Co	<b>.</b>		14 14s 32v	v Logan Ks		
	ESTING , I		arket St. a Ks 67202			Rose 4-14			
			Brad Rine			Job Ticket: 4	4409 012.01.12 @ 2	DST#:7	· ·
n)) <del>a</del> cili			0.001010	·····					
	Sushion Information	on					-		
Mud Type: Mud Weight:	Gel Chem 9.00 lb/gal			nion Type: nion Length:		ft	Oil API: Water Salinity:		0 deg API 0 ppm
Viscosity:	60.00 sec/qt			tion Volume:		bbl			~ = = =
Water Loss:	9.58 in <sup>3</sup>			Cushion Type:					
Resistivity:	ohm.m		Gas	Cushion Pressu	re:	psig	÷		:
Salinity: Filter Cake:	4400.00 ppm 2.00 inches						· .		
Recovery	Information							<u> </u>	
			Rec	overy Table			~		-
	L	ength ft	E	escription		Volume bbl			
		5.00	mud 100m (	oil spots )		0.050			
	Total Lengt	h: 5	.00 ft T	otal Volume:	0.050 bbl				
	Num Fluid S	Samples: 0	N	um Gas Bombs:	0	Serial #:			
	Laboratory		L	aboratory Locali	on:				
	Recovery (	.onments:							
-									
<u> </u>									



Ref. No: 44409

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