Confidentiality Requested: Yes No

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

1076205

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 #	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:, (e.gxxx.xxxxx)
Name:	(e.g. xxxxxx) (e.gxxx xxxxx) Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
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?
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)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
ENHR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec Twp S. R East West
Recompletion Date Recompletion 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 Iwo	1076205
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS, Show important tang of formations panatrated	tail all aaraa Bapart all final	apping of drill stome tools giving interval toolad, 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 Sh	eets)	Yes No		0	on (Top), Depth a		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	9		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		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 / SQU	IEEZE RECORD			
Burpaga	Depth						

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

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

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

No

No

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			A		ement Squeeze Record d of Material Used)	Depth			
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner Ru	un:	No	
Date of First, Resumed	Product	ion, SWD or ENHF	} .	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wat	er	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITIO	ON OF C	GAS:			METHOD		TION:	_	PRODUCTION IN	TERVAL:
Vented Sold	l [] l	Used on Lease		Open Hole	Perf.	Dually (Submit)	Comp.	Commingled	·	
(If vented, Sul	bmit ACC	D-18.)		Other (Specify)	(Submit)	,	(Submit ACO-4)		

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	K-2 Farms B 1-36
Doc ID	1076205

All Electric Logs Run

MPD/MDN	
MAI/MFE	
MSS	
MML	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	K-2 Farms B 1-36
Doc ID	1076205

Tops

Name	Тор	Datum
Heebner	3902	-963
Lansing	3941	-1002
Stark Sh	4212	-1273
Hushpuckney	4253	-1314
Base KC	4309	-1370
Marmaton	4342	-1403
Pawnee	4420	-1481
Ft. Scott	4450	-1511
Johnson	4540	-1601
Morrow	4572	-1633
Basal Penn	4578	-1639
Mississippian	4604	-1665

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 29, 2012

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

Re: ACO1 API 15-109-21079-00-00 K-2 Farms B 1-36 SE/4 Sec.36-15S-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 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

Mar 30, 2012

INVOICE

Invoice Number: 130416 Invoice Date: Mar 5, 2012 Page: 1

Federal Tax I.D.#: 20-8651475

AFE 12-038 drilling 3-19-2012 LK

Custom	erID	Well Name# or Customer P.O.	Payment Terms		
Lari		K2 Farms B#1-36_	Net 30 D)ays	
Job Loc	and an extension of the state o	Camp Location Se	ervice Date	Due Date	
KS1-	01	Oakley N	1ar 5, 2012	4/4/12	
Quantity	Item	Description	Unit Price	Amount	
180.00		Class A Common	16.25	2,925.00	
3.00	MAT	Gel	21.25	63.75	
6.00	MAT	Chloride	58.20	349.20	
189.00	SER	Handling	2.25	425.25	
35.00	SER	Mileage	20.79	727.65	
1.00	SER	Surface	1,125.00	1,125.00	
35.00	SER	Heavy Vehicle Mileage	7.00	245.00	
35.00	SER	Light Vehicle Mileage	4.00	140.00	
1.00	CEMENTER	Alan Ryan	Λ		
1.00	EQUIP OPER	Wayne Mcghghy			
1.00	OPER ASSIST	Billy Turner	all XX		
		مەلاپ چېږې .	We XI		
			//		
			10 31 /0/12		
		1	Line a l'Adure	3	
		L C		and the second se	
		/	•		
	DENET DAVADI	E Subtotal		6,000.85	
30 DAYS FOLL	RE NET, PAYABL OWING DATE O	= Sales Tax		438.06	
INVOICE. 11	1/2% CHARGED	Total Invoice Amount		6,438.91	
THEREAFTER.	IF ACCOUNT IS	Doumont/Crodit Applied			
CURRENT, TAI	KE DISCOUNT O	TOTAL		6,438.91	
\$2431	149				
	<u>a - e array a second a consecutional</u>				
	ON OR BEFORE				

ALLIED CEMENTING CO., LLC. 035354 Federal Tax I.D.# 20-5975804

.

REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665		SER	VICE POINT:	Kj
DATE 3/5/12 SEC. TWP. RANGE 32	CALLED OUT	ON LOCATION	JOB START	JOB FINISII
LEASE L& FARAS AWELL # 1-36 LOCATION Ogke	6 JACL	152E	SUDTY .	STATE
OLD OR NEW (Circle one) /NEW	60			<u></u>
CONTRACTOR NW 4 TYPE OF JOB Swift 4	OWNER	Jame_		
HOLE SIZE 12/14 T.D. 307	CEMENT			
CASING SIZE 8518 DEPTH 3.96	AMOUNT OR	dered <u>1806.</u>	m 30POC à	200 cl
TUBING SIZE DEPTH DRILL PIPE DEPTH	·····			0
DRILL PIPE DEPTH TOOL DEPTH		****		*****
PRES. MAX MINIMUM	COMMON	180	_@ <i>lb_25</i>	292500
MEAS. LINE SHOE JOINT	POZMIX		_@	······································
<u>CEMENT LEFT IN CSG. ζ^{1}</u>	GEL	3	@2/==	63-2
PERFS.	_ CHLORIDE	6	_@52	349
DISPLACEMENT 18.53	ASC		_@	
EQUIPMENT	***		_@ @	
			 @	
PUMPTRUCK CEMENTER <u>Hun</u>	·····		@	
H ULD HELPER Umpl			@	
# 414 DRIVER Ailly			@	
BULK TRUCK	_		_ @	<u></u>
# DRIVER			_@	11 65
	 HANDLING	45/L1.10	@ <u>2</u>	225-55
REMARKS:		- pour		14100 85
<u>^</u>			TOTAL	7970
- Con Casculate Max Count, Displan	-l	SERVI	, 517	
	***	SEKYN		
	DEPTH OF JO	B		,
Consent find Ciculate	PUMP'TRUCK			112520-
·	_ EXTRA FOOT	AGE	@	
	MILEAGE	35	@ <u></u>	245
hup hu	- MANIFOLD	it cho -	@	
Hun Alur, Myre, Billy		Venter 35	-@4	1400
CHARGETO: LONID Dil @ Gas				
CHARGETO: <u>24-10 011 - 000</u>			17/27 A 8	1000
STREET	_		IUIAL	1512
CITY STATE ZIP				
	I	LUG & FLOAT	EQUIPMEN	T .
			@	<u> </u>
			@	· · · · ·
To Allied Cementing Co., LLC.				`
You are hereby requested to rent cementing equipment	<u> </u>	······	_@	
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			TOTAL	
contractor. I have read and understand the "GENERAL		f Any)		
TERMS AND CONDITIONS" listed on the reverse side	•			
	TOTAL CHAR	GES		•
PRINTED NAME LOADIE LAND	DISCOUNT		IF PAI	DIN-30 DAYS
1 7				· · · · · · · · · · · · · · · · · · ·
SIGNATURE LOUNING		うこ		1
for the	-	ÐQ	v .	1
				*
(1

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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

INVOICE

Invoice Number: 130491 Invoice Date: Mar 13, 2012 Page: 1

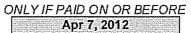


CustomerID	Well Name/# or Customer P.O.	Payment	Terms
Lario	K2 Earms B#1-36	Net 30 I	Days
Job Location	Camp Location	Service Date	Due Date
KS1-03	Oakley	Mar 13, 2012	4/12/12

Drilling AFE+2-038

CK 3126/12

Quantity	Item	Description	Unit Price	Amount
125.00	MAT	Class A Common	16.25	2,031.25
80.00	MAT	Pozmix	8.50	680.00
7.00	MAT	Gel	21.25	148.75
51.00	MAT	FloSeal	2.70	137.70
214.00	SER	Handling	2.25	481.50
35.00	SER	Mileage	23.54	823.90
1.00	SER	Plugged to Abandon	1,250.00	1,250.00
35.00	SER	Heavy Vehicle Mileage	7.00	245.00
35.00	SER	Light Vehicle Mileage	4.00	140.00
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	Tyler Flipse		1
1.00	OPER ASSIST	Brandon Wilkinson		Λ
		and the second sec	ve du/	n mayan e
			WKR 2 8 2012	and a second s
		ara ayamata ta in "i = ta in ''''''''''''''''''''''''''''''''''''	MRE 2 8 2012	
		and a pression of the second sec		and the second s
ALL PRICES AR	E NET, PAYABLE	Subtotal		5,938.10
30 DAYS FOLLO	OWING DATE OF	Sales Tax		433.48
	2% CHARGED	Total Invoice Amount		6,371.58
	IF ACCOUNT IS E DISCOUNT OF	Payment/Credit Applied		
		TOTAL	andrene and she are	6,371.58
\$ 1187.6	02			



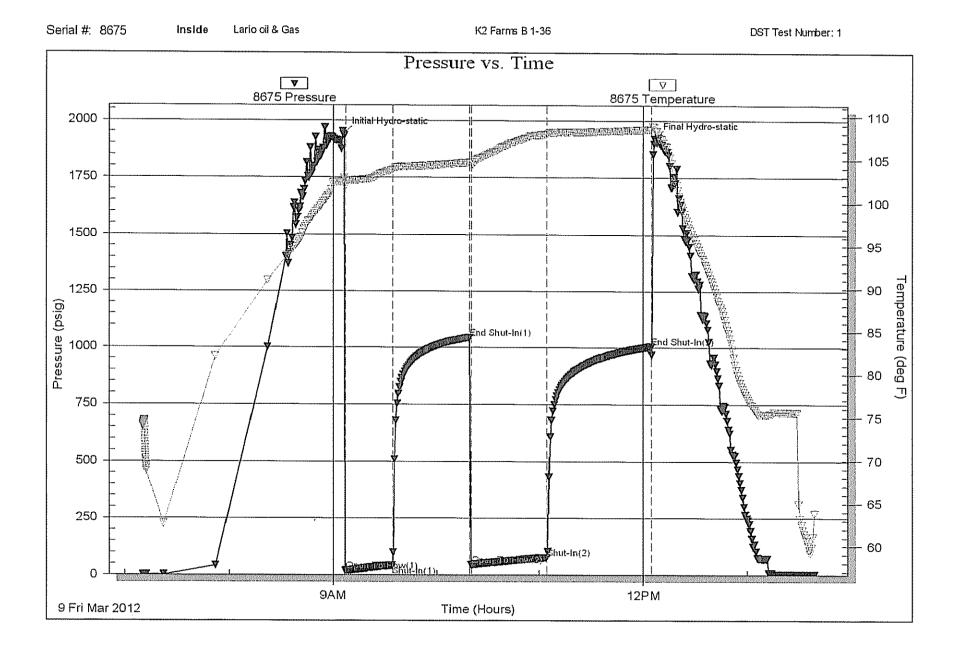
ALLIED CEMENTING CO., LLC. 040940 Federal Tex I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT
DATE - 13 13 36 15 32	CALLED OUT ON LOCATION JOB START JOB FINISH RUS PIN
K2 FORMS B WELL # 1.36 LOCATION Oale	ley STO BL-IS COUNTY, STATE,
	Inta:
CONTRACTOR WW-2 TYPE OF JOB PTA	OWNER Same
HOLESIZE 7% T.D.	CEMENT
CASING SIZE. DEPTH	AMOUNT ORDERED 205 5Ks 6940 4864
TUBING SIZE DEPTH	1/4# Floseal
DRILL PIPE 41/2 DEPTH	
PRES. MAX MINIMUM	105 de 11. 25 402-105
MEAS. LINE SHOE JOINT	COMMON 125 5KS @#16 25 # 20 31.25 POZMIX 80 5KS @#18.59 # 6180 93
CEMENT LEFT IN CSG.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
PERFS.	CHLORIDE@
DISPLACEMENT 29.86	ASC@
EQUIPMENT	Elosal 25ks 51# @ 2.70 #137.72
PUMPTRUCK CEMENTER Darren R.	· @ (@
<u>1 431 HELPER Tyler</u> BULK TRUCK	@ @
1 4204 347 DRIVER Brandon	@
BULK TRUCK	
DRIVER	" and the second
	HANDLING 2/4 82.25 #488.52 MILEAGE 11 & Per mile 1823.92
REMARKS:	TOTAL 4303.12
Mig. 255Ks Cement 2350 ft	101AB 1003.
mix 100 sks Cement 1425 ft	SERVICE
Mix 40 5KS Cement 350 Ft	JERVICE
Mrx 10 SKS CAMENT 210 Ft	DEPTH OF JOB 2350
Plug Kat Hole 305Ks.	PUMP TRUCK CHARGE #12.50.00
9	EXTRA FOOTAGE @
st 10 blan	MILEAGE <u>35</u> @77.22 <u>37.245.22</u> MANIFOLD@
Thank You	MANIFOLD@ Umileage@44.00 \$140.00
CHARGE TO: Laris Oil + Gas Co.	
;TREET	TOTAL 16 35 00
STATE ZIP	PLUG & FLOAT EQUIPMENT
	@
	@
fo Allied Cementing Co., LLC.	@
You are hereby requested to rent cementing equipment	
and furnish cementer and helper(s) to assist owner or	@
contractor to do work as is listed. The above work was	· •
tone to satisfaction and supervision of owner agent or	TOTAL
contractor. I have read and understand the "GENERAL FERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
(Longia Lange	TOTAL CHARGES
RINTED NAME LONN'E LANG	DISCOUNT IF PAID IN 30 DAYS
home the	
IGNATURE COLING WOG	
\frown	1
/	

RILOBITE	DRILL STEM TE	ST REP	ORT				
	Lario oil & Gas		36	15s 32v	V		
ESTING , INC	301 S Market ST		K2	Farms	B 1-36		
	Wichita, KS 67202		Job	Ticket: 4	6452	DST	#:1
	ATTN: Brad Rine		Tes	st Start: 2	012.03.09	@ 07:10:0	1
GENERAL INFORMATION:							
Formation: Ikc B Deviated: No Whipstock: Time Tool Opened: 09:07:15 Time Test Ended: 13:38:30	0.00 ft (KB)		Tes	ler:	Conventior Cole Archi 46		Hole (Initial)
Interval: 3965.00 ft (KB) To 39 Total Depth: 3990.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	/D)		Ref	erence Be KB I	evations: to GR/CF:	2934.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8675InsidePress@RunDepth:75.84 psigStart Date:2012.03.09Start Time:07:10:01TEST COMMENT:1 1/2 inch blow	@ 3966.00 ft (KB) End Date: End Time:	2012.03.09 13:38:30	Capacity Last Cali Time On Time Off	b.: Btm: :	2012.03.09 2012.03.09	2012.03.0 @ 09:05:4	45
No return 1 1/2 inch blow No return							
Pressure vs. T	1075 Terrenziet	Time	Pi Pressure I	Temp	RE SUMN		
		(Min.)	(psig)	(deg F)			
		0	1937.17 18.78	102.66 102.41			
		29	41.59	103.82			
		74	1043.94		End Shut-	• •	
VIII VIII VIII VIII VIII VIII VIII VII		75 119	44.42 75.84		Open To I Shut-In(2)		
		179	1003.65	108.52	End Shul-	ln(2)	
		181	1919.32	108,41	Final Hydr	ro-static	
Recovery				Gas	s Rates		
Length (11) Description	Volume (bbi)			Choke (in	nches) Press	ure (psig)	Gas Rate (Mcl/d)
60.00 WCM 80%W 20%M	0.30						
60.00 WCM 20%W 80%M	0.30						
10.00 SOCM 1%O 99%M	0.14						
······							

Printed: 2012.03.09 @ 16:11:32

() TOIL	OBITE	DRI	LL STEM TEST R	EPORT	••• * * *		FLUID S	SUMMAR
		Lario oi	il & Gas		36 15s 32v	N	anta Anta anta	
			Market ST		K2 Farms	B 1-36		
		Wichita	, KS 67202		Job Ticket: 4	6452	DST#:1	
		ATTN:	Brad Rine		Test Start: 2	2012.03.09 @ (07:10:01	·. ·
Mud and Cushion I	Information			· · · · · · · · · · · · · · · · · · ·			· .	
Mud Type: Gel Chem			Cushion Type:			Oil API:		deg API
-	00 lb/gal		Cushion Length:		ft	Water Salinity	: 3200)0 ppm
	00 sec/qt 20 in³		Cushion Volume: Gas Cushion Type:		bbl			
	00 ohm.m		Gas Cushion Pressure:		psig			
	00 ppm 00 inches				·			
Recovery Informati								
			Recovery Table					••
	Length ft		Description		Volume bbl			
	6	50.00	WCM 80%W 20%M		0.295	5		
		50.00	WCM 20%W 80%M		0.295	7		
	1	10.00	SOCM 1%O 99%M		0.140	2		
	Num Fluid Sample:		Num Gas Bombs:	0	Serial #	:		
	Laboratory Name:	:	Num Gas Bombs: Laboratory Location V0.25 @ 62 F*=32,000		Serial #	:		
	Laboratory Name:	:	Laboratory Location		Senal #	:		
	Laboratory Name:	:	Laboratory Location		Senal #	:		
	Laboratory Name:	:	Laboratory Location		Senal #	:		
	Laboratory Name:	:	Laboratory Location		Senal #			
	Laboratory Name:	:	Laboratory Location		Senal #	:		
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #	:		
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #			
	Laboratory Name:	:	Laboratory Location		Serial #			

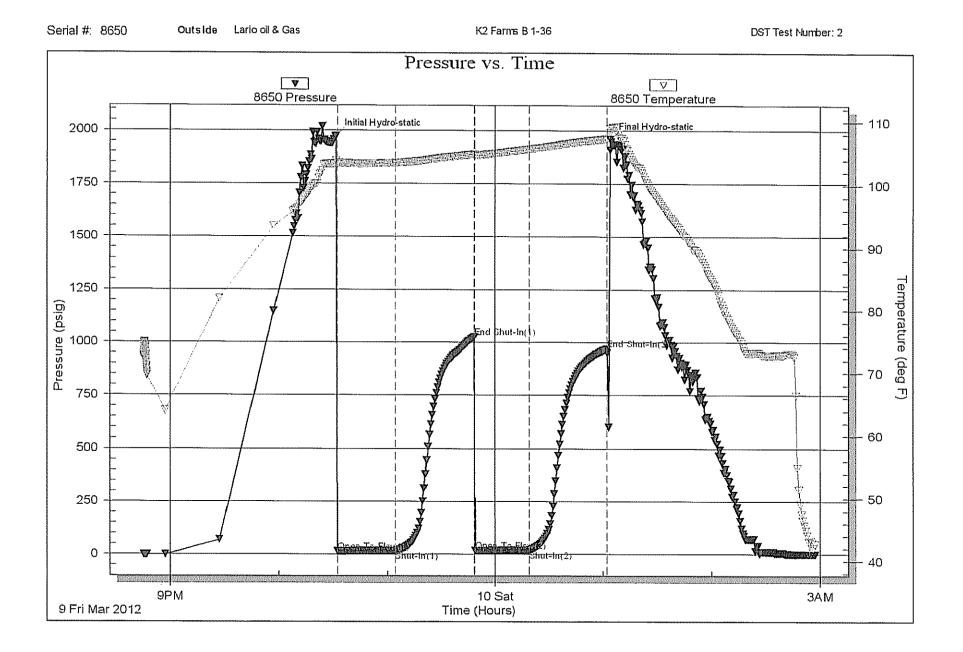


Ref. No: 46452

Printed: 2012.03.09 @ 16:11:33

RILOBITE	DRILL STEM TE	ST REP	ORT			<u> </u>	
1.2-1-41 L	Lario oil & Gas		36	15s 32v	v		
ESTING , INC.	301 S Market ST Wichita, KS 67202			Farms Ticket: 4		DST#:2	
							2
	ATTN: Brad Rine			st Start: 2	012.03.09 @	20:45:01	
GENERAL INFORMATION:							
Formation: LKC D Deviated: No Whipstock: Time Tool Opened: 22:32:15 Time Test Ended: 02:57:15	0.00 ft (KB)		Tes	ster:	Conventiona Cole Archiba 46		e (Reset)
Interval: 4021.00 ft (KB) To 403	38.00 ft (KB) (TVD)		Ref	erence B	evations:	2939.00	ft (KB)
Total Depth: 4038.00 ft (KB) (TV	D)					2934.00	
Hole Diameter: 7.88 inches Hole	Condition: Fair			KB	to GR/CF:	5.00	ft
Serial #: 8650 Outside							
Press@RunDepth: 19.20 psig (2012 02 10	Capacity Last Cali			8000.00	psig
Start Date: 2012.03.09 Start Time: 20:45:01	End Date: End Time:	2012.03.10 02:57:15	Last Call Time On		2012.03.09 (2012.03.10 @ 22:31:30	
			Time Off		2012.03.10 (
Pressure vs. Ti DED Pressure 2000	Пе 0220 Генонери востальности	Time (March)	Pressure	Temp	RE SUMM/ Annotatio		
		(Min.) 0	(psig) 1973.16	(deg F) 103.81			
		1	13.24		Open To Fl		
		33	15.27	103.49		(4)	
		77 77 77	1025.45 17.09	104.89 104.71	1		
		108	19.20	105.69	Shut-In(2)		
		⁶ 5 151 153	968.95 1958.41	107.34 108.92	End Shut-In Final Hydro		
Te Mar 2012 The (Hare)							
Recovery				Gas	s Rates		
Length (fl) Description	Volume (bb)			Choke (ii	nches) Pressure	e (psig) Ges	Rate (Mct/d)
5.00 M 100%M	0.02					· · ·	
		1					

	DRILL STEM TEST REPORT	FLUID SUM	ARY
RILOBITE TESTING, INC	Lario oil & Gas	36 15s 32w K2 Farms B 1-36 Job Ticket: 46453 DST#: 2 Test Start: 2012.03.09 @ 20:45:01	
Mud and Cushion InformationMud Type:Gel ChemMud Weight:9.00 lb/galViscosity:53.00 sec/qtWater Loss:7.19 in³Resistivity:0.00 ohmmSalinity:1700.00 ppmFilter Cake:1.00 inches	Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	Oil API: deg ft Water Salinity: ppm bbl psig	API
Recovery Information	5.00 M 100%M 5.00 ft Total Volume: 0.025 bbl bles: 0 Num Gas Bombs: 0 me: Laboratory Location:	Volume bbl 0.025 Serial #:	



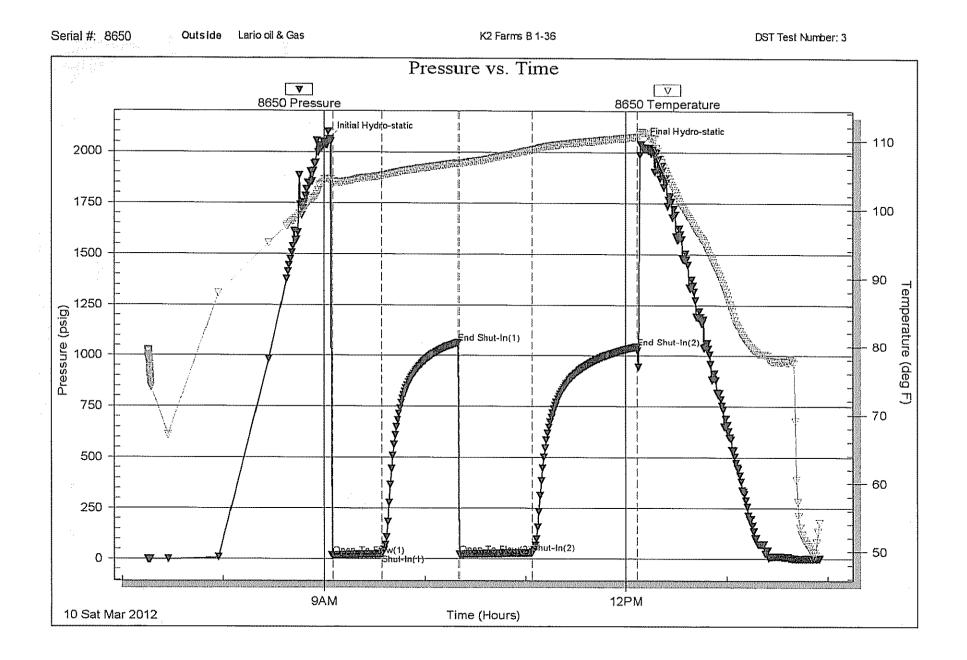
Ref. No: 46453

Printed: 2012.03.10 @ 09:15:08

(RILOBITE	DRILL STEM TE						
	Lario oil & Gas		36 1	5s 32v	,		
ESTING , INC.	****		K2 I	Farms	B 1-36		
	Wichita, KS 67202		Job 1	Ficket: 4	5454	DST#: 3	;
	ATTN: Brad Rine		Test	Start: 20	012.03.10 @	07:15:01	
GENERAL INFORMATION:				******			
Formation: Ikc I Deviated: No Whipstock: Time Tool Opened: 09:04:45 Time Test Ended: 13:55:00	0.00 ft (KB)		Test Teste Unit N	er:	Conventiona Cole Archiba 46		e (Reset)
interval: 4142.00 ft (KB) To 41	76.00 ft (KB) (TVD)		Refe	rence Be	evations:	2939.00	ft (KB)
Total Depth: 4176.00 ft (KB) (T\						2934.00	
Hole Diameter: 7.88 inchesHole	Condition: Fair			КВ (o GR/CF:	5.00	ft
Serial #: 8650 Outside			• •				
Press@RunDepth: 30.20 psig Start Date: 2012.03.10	@ 4143.00 ft (KB) End Date:	2012.03.10	Capacity: Last Calib.			8000.00 2012.03.11	psig
Start Time: 07:15:01	End Time:	13:55:00	Time On B		2012.03.10 (
			Time Off B		2012.03.10 (
Pressure vs. Ti EDD Press United Press	esupreemer CCCC	Time	Pressure	Temp	E SUMMA Annotatio		
	- 10	(Min.) 0	(psig) 2062.21	(deg F)		-1-1-	
		3	17.25		Initial Hydro Open To Flo		
		32	23.41	104.88	Shut-In(1)		
		77	1063.83	E	End Shut-In Open To Flo		
		122	30.20		Shut-In(2)		
»		184	1043.08		End Shut-In		
		187	2038.53	111.24	Final Hydro-	STAIC	
· ·							
Length (ft) Description	Voiume (bbl)		T		ches) Pressure	(15)0) 6~	Rate (McJ/d)
15.00 M 100%M	0.07	L				(19:12) (19:25)	
Amana Anama							
<u> </u>							
Recovery from multiple tests							

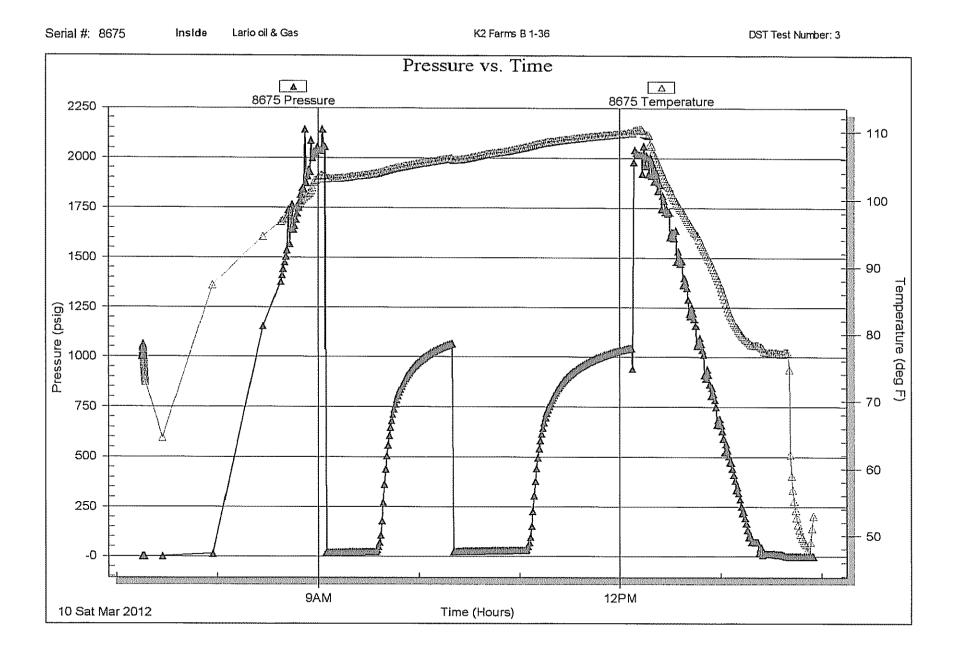
TESTING, MC Distance 30 TBS 32W VEXTURE FORMATION: Distance ATTN: Brad Rine Test Start: 2012.03 10 @ 07.15.61 GENERAL INFORMATION: Formation: Kc1 Distance Test Start: 2012.03 10 @ 07.15.61 GENERAL INFORMATION: Formation: Kc1 Distance Test Start: 2012.03 10 @ 07.15.61 GENERAL INFORMATION: Formation: Kc1 Distance Distance Formation: Kc1 No Whipstock: 0.00 ft (KB) Test Type: Conventional Battom Hole (Reset) Time Test Ender: 195:00 Testing: Capacity: 203.00 ft (KB) Total Depth: 442.00 ft (KB) TO 4176.00 ft (KB) Testing: 2012.03.10 Edition: Start Date: 2012.03.10 End Date: 2012.03.10 Edition: 2012.03.11 Start Date: 2012.03.10 End Date: 2012.03.11 Edition: 2012.03.11 Start Date: 2012.03.10 End Date: 2012.03.11 Edition: 2012.03.11 Start Date: 2012.03.10 End Time: 135:61.15 2012.03.11 Edition: Test COMMENT: Built to 11/2 inch died to 1 Inch No return Time Of Btrr Time Of Btrr Test Comery Wither Verment W. Verment W. Caps Rates		DRILL STEM TES		ORT		*****	***	
Wichia, KS 67202 Job Ticket: 48454 DST#:3 ATTN: Brad Rine Test Start: 2012.03.10 @ 07:15:01 GENERAL INFORMATION: Formation: Kc 1 Formation: Kc 1 No Whipstock: 0.00 ft (KB) Time Tool Opened: 09:04:46 Test Type: Conventional Bottom Hole (Reset) Time Tool Opened: 09:04:46 Test Type: Conventional Bottom Hole (Reset) Time Tool Opened: 09:04:46 Test Type: Conventional Bottom Hole (Reset) Time Tool Opened: 09:04:46 Test Type: Conventional Bottom Hole (Reset) Total Depth: 175:00 ft (KB) (TVD) Total Depth: 176:00 ft (KB) (TVD) Total Depth: 176:00 ft (KB) (TVD) Serial #: 8675 Inside Presseg@unDepth: psig @ 4143.00 ft (KB) Start Date: 2012.03.10 End Date: 2012.03.10 Start Date: 2012.03.10 End Date: 2012.03.10 Est total: 2012.03.11 Start Time: 07:16:01 End Time: 13:55:15 Time Off Birr: Test torm Test Type: Monitation Test Time Off Birr: Time Off Birr: Test Time Off Birr: Time Off Birr: Test Time Off Birr: Time Tool Construct Test Time Off Birr: Time Tool Constr				36	15s 32\	N		
ATN: Brad Rine Test Start: 2012.03.10 @ 07.15.01 GENERAL INFORMATION: Formation: Kc I Deviated: No Whipstock 0.00 ft (KB) Tree Test Ended: 1355:00 Unit No: 46 Interval: 442.00 ft (KB) To 4175.00 ft (KB) (TVD) Total Depin. The Test Ended: 1355:00 Unit No: 46 Reference Eevalues: 2939.00 ft (KB) Test Tree: 7.88 inchest-ble Condition: Fair Sorial #: 8675 Inside Pressell, MDDph: 2934.00 ft (KB) Start Time: 07.15:01 End Time: 1355:10 Time Of Blart Time	ESTING , INC.	001 0 110/101 01						
GENERAL INFORMATION: GENERAL INFORMATION: Formation: Kc I Deviated: No Whipstock 0.00 ft (KB) The Transformation: Sector Sector 4 The Transformation: Sector 4 The Transformation: Sector 4 The Transformation: Sector 4 Transformation: Sector 4 T								
Formation: ik c f Deviated: No Whipstock: 0.00 ff (KB) The Tool Depice 19:04-45 The Test Ended: 13:55:00 Interval: 4142.00 ft (KB) (TVD) Total Depit: 2176:00 ft (KB) (TVD) Sart Date: 2170:01 End Tare: 13:55:15 The On Binx The Of Binx TEST COMMENT: Built to 11/2 inch died to 1 inch No return Verry weak surface blow No return Verry verry weak surface blow No return Verry verry weak surface blow No return Verry verry ver	. Wedler			16			y 07.15.01	
Deviated: No Whipstock 0.00 ft (KB) Time Tool Opened: 09:04:45 Time Off Birr. Time Off Birr. Time Off Birr. Time Off Birr. Time Off Dirr. Time							·	
Total Deph: 4176.00 ft (KB) (TVD) 2934.00 ft (CF) Hole Dameter: 7.88 inchest-ble Condition: Fair KB to GROCF; 5.00 ft Serial #: 8675 Inside psig @ 4143.00 ft (KB) 2012.03.10 Last Calib.: 2012.03.11 Start Date: 2012.03.10 End Date: 2012.03.10 Last Calib.: 2012.03.11 Start Time: 07:15.01 End Date: 2012.03.10 Last Calib.: 2012.03.11 TEST COMMENT: Built to 1 1/2 inch died to 1 inch No return Very weak surface blow Time Off Birr Very weak surface blow No return Very weak surface blow Time Off Birr Monotation Presser vt. Time Time (psig) Time (deg F) Annotation Recovery Gas Rates Recovery Case Rate (Mathed Date) Croix (normal Date) Longh (th) Dosciption Value (tao) D.07 Longh (th) Dosciption Value (tao) Croix (normal Presser (psig)) Gas Rate (Mathed Date)	Deviated: No Whipstock: Time Tool Opened: 09:04:45	0.00 ft (KB)		Te	ster:	Cole Archit		e (Reset)
Press@RunDepth: psig @ 4143.00 ft (K6) Capacity: 8000.00 psig Start Date: 2012.03.10 End Date: 2012.03.10 Last Calls : 2012.03.11 Start Time: 07:15:01 End Time: 13:55:15 Time On Birr. Time Off Birr. TEST COMMENT: Built to 1 1/2 inch died to 1 inch No return Verry weak surface blow No return Pressure ve. Time Pressure ve. Time Pressure ve. Time Pressure ve. Time Pressure ve. Time Recovery Carge (M) Descripton Valuer (MH) 15:00 M 100%M 0.07	Total Depth: 4176.00 ft (KB) (TV	/D)		Re			2934.00	ft (CF)
Press@RunDepth: psig @ 4143.00 ft (K6) Capacity: 8000.00 psig Start Date: 2012.03.10 End Date: 2012.03.10 Last Calls : 2012.03.11 Start Time: 07:15:01 End Time: 13:55:15 Time On Birr. Time Off Birr. TEST COMMENT: Built to 1 1/2 inch died to 1 inch No return Verry weak surface blow No return Pressure ve. Time Pressure ve. Time Pressure ve. Time Pressure ve. Time Pressure ve. Time Recovery Carge (M) Descripton Valuer (MH) 15:00 M 100%M 0.07	Sorial # 9676 Jacida							
TEST COMMENT: Built to 1 1/2 inch died to 1 inch No return Very weak surrface blow No return Image: constrained blow of the second	Press@RunDepth: psig Start Date: 2012.03.10	End Date:		Last Ca	ib.:			psig
Time (hosig) Temp Annotation Time (hosig) (deg F) Annotation Tim	No return Pressure vs. T	ime		P	RESSU	RE SUMM	IARY	
Image: Second processing in the second procesing in the second processing in the second processing in th		EETS Tertsetaure	Time					
Longth (fl) Description Volume (bbl) 15.00 M 100%M 0.07		Tropetitin (dep?)	(Min.)	(psig)	(deg F)			
Length (ft) Description Volume (bbl) 15.00 M 100%M 0.07	tit	2000						
Length (ft) Description Volume (bbl) 15.00 M 100%M 0.07	Recoverv	****			Ga	us Rates	<u></u>	
	<u></u>	Volume (bbl)					ure (psig) Ga	s Rate (Mct/d)
* Recovery from multiple tests	15.00 M 100%M	0.07						
	* Recovery from multiple tests							

RILOBITE	DRILL	STEM TEST REPOR	:T		FLUID SUMMARY
LAND LALUDITE	Lario oil & G	as	36 15s 32	w	······································
TESTING, IN	1 1 301 S Marke	t ST	K2 Farms	B 1-36	
	Wichita, KS		Job Ticket:		DST#:3
	ATTN: Brad	I Rine		2012.03.10 @ 0	
μ					
Mud and Cushion Information		- ···			
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal		Cushion Type: Cushion Length:	ft	Oil API: Water Salinity:	deg API ppm
Viscosity: 54.00 sec/qt		Cushion Volume:	bbl	water wanny.	PP.III
Water Loss: 7.20 in ³		Gas Cushion Type:			1
Resistivity: 0.00 ohmm		Gas Cushion Pressure:	psig		
Salinity: 1800.00 ppm Filter Cake: 1.00 inches					
Recovery Information					
		Recovery Table			
Len	gth	Description	Volume		
f		00%M	bbl 0.074		
Total Length:	15.00 ft	Total Volume: 0.074 bbl		4	
Num Fluid San		Num Gas Bombs: 0	Serial #	:	
Laboratory Na		Laboratory Location:			
Recovery Con	ments:				
					ć
					80 g
Trilobite Testing, Inc	Ref. No:	46454	Printed:	2012.03.11 @	10:48:20



Ref. No: 46454

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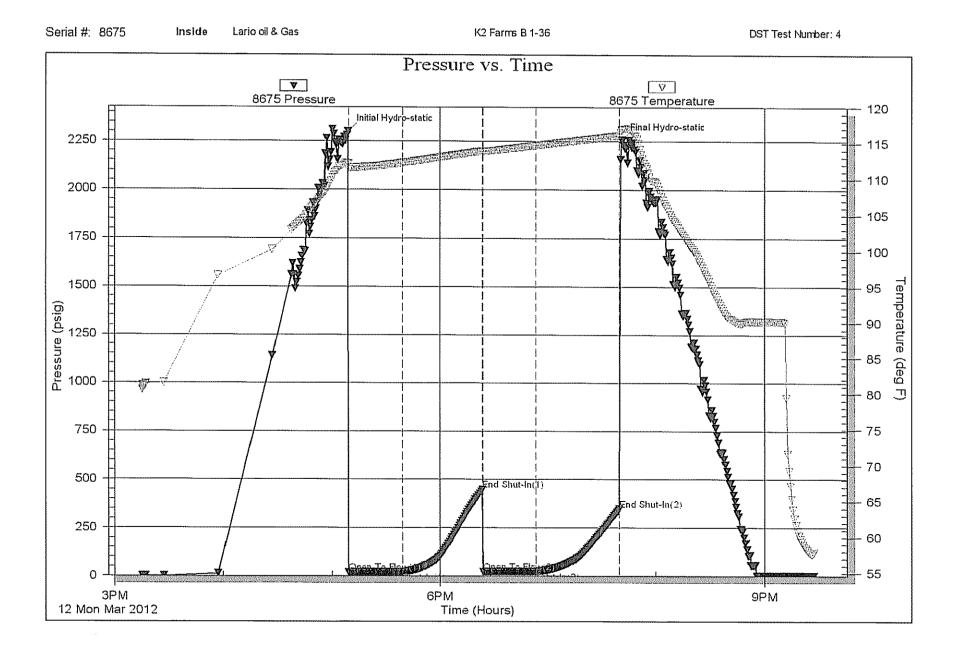


Ref. No: 46454

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RILOBITE	DRILL STEM TES	ST REP	ORT				
	Lario oil & Gas		36	15s 32v	v		
ESTING , INC			K2	Farms	B 1-36		
	Wichita, KS 67202		Job	Ticket: 4	5928	DST#:4	ł
WORK .	ATTN: Brad Rine		Test	Start: 2	012.03.12 @) 15:15:00	
GENERAL INFORMATION:							
Formation: Johnson Deviated: No Whipstock: Time Tool Opened: 17:09:00 Time Test Ended: 21:27:00	0.00 ft (KB)		Test Test Unit	er:	Conventiona Jace McKinr 46		e (Reset)
Interval: 4510.00 ft (KB) To 4			Refe	rence B	evations:	2939.00	
Total Depth: 4573.00 ft (KB) (T Hole Diameter: 7.88 inchesHol	VD) e Condition: Fair			KB	to GR/CF:	2934.00 5.00	
Serial #: 8675 Inside Press@RunDepth: 22.51 psig		0040 00 40	Capacity:			8000.00	psig
Start Date: 2012.03.12 Start Time: 15:15:01	End Date: End Time:	2012.03.12 21:27:00	Last Calib Time On E Time Off I	Btm	2012.03.12 (2012.03.12 (_	
No return blow Pressure vs. 7	(III)				E SUMM		·····
		Time (Min.)	Pressure (psig) 2298.45	Temp (deg F) 112.09	Annotatio Initial Hydro		
		1	19.17	111.31	Open To Flo		
		31 75	20.94 448.19	112.21 113.88	End Shut-In		
		75 105	21.90 22.51	113.71 114 64	Open To Flo Shut-In(2)	ow (2)	
		151	346.72	116.04	End Shut-In		
		153	2257.22	116.88	Final Hydro	-static	
איש פאש פאש איש איש איש איש איש איש איש איש איש א	ب ری						
Length (ft) Description	Volume (bbl)			Gas Chole (in	s Rates	e (psip) Gae	Rale (Micl/d)
5.00 100% Mud with oil scum	0.02		<u> </u>			- (J-119)	
······							
* Recovery from multiple tests							
Trilobite Testing, Inc	Ref. No: 45928	l		Printed: 2	2012.03.13 @	D 07:58:32	

(Or)		BITE TING , INC.	DRILL STEM TEST REPORT FLUID SU							UMMARY
			Lario oil & Gas 36 15s 32w						e A an	
	 ESTI		301 S Market ST Wichita, KS 67202				K2 Farms		DST#:4	
			ATTN: Brad Rine				Test Start: 2012.03.12 @ 15:15:00			
Mud and (Cushion Info	ormation				***************************************			1 * • • • • • • •	
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:53.00 sec/qtWater Loss:7.99 in³Resistivity:0.00 ohm.mSalinity:1400.00 ppmFilter Cake:1.00 inches			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:				ft bbl psig	Oil API: Water Salin	ity:	deg API ppm
Recovery Information										
Leng			h	R	Description	-				
			5.00 100% Mu		d with oil scum		0.025	5		
Total Length: Num Fluid Samp Laboratory Nam Recovery Comm			les:0 ne:	.00 ft	Total Volume: Num Gas Bombs: Laboratory Locati	0.025 bbl 0 on:	Serial #	:		
									·.	
						÷				
									. :.	



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