

Cor	nfiden	tiality	/ Requested	:t
	Yes	N	10	

## Kansas Corporation Commission Oil & Gas Conservation Division

1167432

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 #	ATOR: License # API No. 15							
Name:			Spot Description:					
Address 1:								
Address 2:			Feet from North / South Line of Section					
City:	State: Z	ip:+	Fe	eet from East /	West Line of Section			
Contact Person:			Footages Calculated from I	Nearest Outside Section C	Corner:			
Phone: ()			□ NE □ NW	V □SE □SW				
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:	W	/ell #:			
	e-Entry	Workover	Field Name:					
	_		Producing Formation:					
☐ Oil ☐ WSW ☐ D&A	☐ SWD	∐ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:	:			
	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total C	Depth:			
CM (Coal Bed Methane)	dow	Temp. Abd.	Amount of Surface Pipe Se	et and Cemented at:	Feet			
☐ Cathodic ☐ Other (Co	ore, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes	No			
If Workover/Re-entry: Old Well I			If yes, show depth set:		Feet			
Operator:			If Alternate II completion, c	cement circulated from:				
Well Name:			feet depth to:	w/	sx cmt.			
Original Comp. Date:								
Deepening Re-perf	•	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan				
☐ Plug Back	Conv. to G		(Data must be collected from the					
Commingled	Pormit #:		Chloride content:	ppm Fluid volume	e: bbls			
Dual Completion			Dewatering method used: _					
SWD			Location of fluid disposal if	hauled offsite				
☐ ENHR			1					
GSW	Permit #:		Operator Name:					
_ <del>_</del>			Lease Name:	License #:_				
Spud Date or Date R	eached TD	Completion Date or	Quarter Sec	TwpS. 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 III Approved by: Date:							

Page Two



Operator Name:				Lease N	Name:			_ Well #:		
Sec Twp	S. R	East	West	County	:					
	ow important tops of fo ing and shut-in pressu o surface test, along wi	res, whe	ther shut-in pre	ssure reacl	hed stati	c level, hydrosta	tic pressures, bo			
Final Radioactivity Logilles must be submitted						gs must be ema	iled to kcc-well-lo	ogs@kcc.ks.go	v. Digital	electronic log
Drill Stem Tests Taken (Attach Additional S		Ye	es No			3	on (Top), Depth a			Sample
Samples Sent to Geol	ogical Survey	Ye	es 🗌 No		Nam	9		Тор	L	Datum
Electric Log Run			es No							
List All E. Logs Run:										
			CASING	RECORD	☐ Ne	w Used				
		Repo				rmediate, producti	on, etc.			
Purpose of String	Size Hole Drilled		e Casing (In O.D.)	Weig Lbs./		Setting Depth	Type of Cement	# Sacks Used		and Percent dditives
									<u> </u>	
Purpose	Depth					EEZE RECORD				
Purpose: Perforate	Top Bottom	Туре	ype of Cement # Sacks Used			Type and Percent Additives				
Protect Casing Plug Back TD										
Plug Off Zone										
Did you perform a hydrau	ilic fracturing treatment or	n this well?	·			Yes	No (If No, sk	ip questions 2 ar	nd 3)	
	otal base fluid of the hydra		•		•			ip question 3)		
Was the hydraulic fractur	ing treatment information	submitted	to the chemical of	disclosure reg	gistry?	Yes	No (If No, file	out Page Three	of the ACC	)-1)
Shots Per Foot			ID - Bridge Plug Each Interval Perl				cture, Shot, Cemen		b	Depth
TUBING RECORD:	Size:	Set At:		Packer At	t:	Liner Run:				
							Yes No			
Date of First, Resumed	Production, SWD or ENH	R.	Producing Meth Flowing	nod:	g 🗌	Gas Lift C	other (Explain)			
Estimated Production Per 24 Hours	Oil Bl	bls.	Gas	Mcf	Wate	er Bl	ols.	Gas-Oil Ratio		Gravity
DIODOGITI	ON OF CAC			ACTUOD OF	COMPLE	TION		DDODUGT		
Vented Sold	ON OF GAS:  Used on Lease		N Open Hole	NETHOD OF $\Box$ Perf.	Dually	Comp. Con	nmingled	PRODUCTIO	λΝ ΙΝΙΕΚ\	/AL:
(If vented, Sub			Other (Specify)		(Submit A		mit ACO-4)			

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Young Cox Unit 1-27
Doc ID	1167432

## All Electric Logs Run

CNL/CDL	
DIL	
BHCS	
MEL	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Young Cox Unit 1-27
Doc ID	1167432

## Tops

Name	Тор	Datum
Heebner	2690	-1222
Lansing	2952	-1484
Kansas City	3159	-1691
Stark Shale	3335	-1867
Hushpuckney	3369	-1901
Base KC	3413	-1945
Marmaton	3482	-2014
Pawnee	3540	-2072
Mississippian	3745	-2277

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Young Cox Unit 1-27
Doc ID	1167432

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Type and Percent Additives
surface	12.25	8.625	23	260	POZ	3% cc, 1/4# celloflake
production	7.875	5.5	15.5	4033	AA 2	.2%DF,.8 %FLA322, 10#salt,.2 5% cellflake



PAGE	CUST NO	INVOICE DATE
1 of 1	1002301	10/31/2013

## INVOICE NUMBER

1718 - 91326923

Pratt

(620) 672-1201

B LARIO OIL & GAS

I P O BOX 84

\_ MURDOCK

KS US 67111

o ATTN:

ACCOUNTS PAYABLE

BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP

PO BOX 841903 DALLAS, TX 75284-1903

801 CHERRY ST, STE 2100 FORT WORTH, TX 76102

LEASE NAME J

Young Cox Unit

AFE 14322

1-27

3,909.85

4,032.91

123.06

LOCATION В COUNTY

Kingman

STATE

INVOICE TOTAL

TAX

S I

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KS

JOB DESCRIPTION T

Cement-New Well Casing/Pi

JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TER	MS	DUE I	DATE
40657461	19843				Net - 3	0 days	11/30,	2013
		<u> </u>	QTY	U of M	UNIT P	RICE	INVOICE	AMOUNT
For Service Dates	: 10/29/2013 to 10	0/29/2013						
0040657461								
171809354A Ceme	int-New Well Casing/Pi	10/29/2013			<b>.</b>			
Cement Surface		,						
60/40 POZ			170.00			8.04	E .	1,366.71 T
Celloflake			43.00			2.48		106.59 T
Calcium Chloride			441.00			0.70	t	310.22 T
"Wooden Cmt Plug,	8 5/8"""		1.00			107.19	i	107.19 128.13
"Unit Mileage Chg (I			45.00			2.85 4.69	Ē.	422.07
Heavy Equipment M			90.00 331.00			1.07	i .	354.81
	el. Chgs., per ton mil		1.00			669.95	l .	669.95
Depth Charge; 0-50 Blending & Mixing S			170.00			0.94	li .	159.45
Plug Container Util.			1.00			167.49		167.49
"Service Supervisor			1.00			117.24		117.24
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PLEASE REMIT	TO: SI	END OTHER CORRES	PONDENCE TO	):	······································			,909.85

# 10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124

## FIELD SERVICE TICKET

1718 09354 A

All the second s			ERVICES Pho	ne 620-672	2-IMOI			DATE	TICKET NO		······································			
DATE OF U	-29-13	DIST	AICT PROTE			WERT A		PROD []IN	)   WDW	_ S¦	JSTOMER RDER NO.:			
CUSTOMER L	141.0	oil .	+ 647			LEASE Y	)4Mg	Cax	Unit		WELL NO.	1.27		
ADDRESS		· · · · · · · · · · · · · · · · · · ·				COUNTY	(ingo	40	STATE	ИS				
CITY			STATE			SERVICE CREW MATTAI, MAIQUEZ, Kumin								
AUTHORIZED B	Y					JOB TYPE:	C114	2 5 C.	SULF	74CC				
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products, and/or su become a part of th	pplies include	s all of an	ate this contract as an a ad only those terms and o written consent of an off	conditions app	earing on	the front and back	of this do	cument. No âdd	itional or substitute	terms i	and/or condition	ns shall		
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THE ABOVE MATERIAL AND SERVICE

ORDERED BY CUSTOMER AND RECEIVED BY:

M. K.C. MATTAL

SERVICE

REPRESENTATIVE



## FIELD SERVICE TICKET

The second secon	ENERGY PRESSURE PUMPI	SERVICES Phon	e 620-6	72-1201			DATE	- TIGKET NO.=			
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products, and/or sup become a part of th	is contract without the	and only those terms and co he written consent of an offic	er of Basi	c Energy Ser	vices LP.		IGNED:	ER, OPERATOR, C	CONTRA	ACTOR OR A	GENT)
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SERVICE REPRESENTATIV	<b>/E</b>				RIAL AND SER' TOMER AND R		BY:				



## TREATMENT REPORT

Customer _	Ario Di	١.	1 94	5	Le	ease No.						Date / () - 2 9 - 13							
LeaseYunn					W	/ell#	- 7.	7					] /	O	- 2 7	- 13			
Field Grder #	Station	i p	/ 4 FT		. <b>.</b>			Casing	945	1/4 D	epth	760	County	Ki	1)9/41	w.			'K S
Type Job	nw	5	P							Forma					Legal D	escription	Σ.	7-7	.7-5
	E DATA	- 1		ORATII	NG	DATA		FLUII	D US	SED			Т	REA	TMENT	RESUM	ΙE		
Casing Size	/ Tubing Siz	ze	Shots/F				Acid	170	Sks	60/	40	POZ 3	RATE	PRE	နှင့် န	ISIP			
رىي ح Depth	Depth		From		Го		Pre	Pad				Max		7		5 Min.			
Volume/6.5	( Volume		From		Го		Pad					Min				10 Min.		······································	
Max Press ع		3	From	1	Γο		Frac	}				Avg	,			15 Min.			
Well Connection			From	1	Го							HHP User	d			Annulus	s Pr	essure	е
Plug Depth			From	٦ ا	Го		Flus	h				Gas Volur	ne			Total Lo	ad		
Customer Rep	presentative -	5 A Y		10,111		Station	Mana	iger I/c	V.V	$G_{0,0}$	ا (آن	lty.	Treate	er <i>j</i> :	mike r	11 11 + + + -	<u>~1</u>		
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PAGE	CUST NO	INVOICE DATE
1 of 1	1002301	11/07/2013

## INVOICE NUMBER 1718 - 91330939

Pratt

(620) 672-1201

B LARIO OIL & GAS

P O BOX 84

 $_{\mathbf{L}}^{\mathbf{L}}$  MURDOCK

67111

KS US

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME J LOCATION

Young Cox Unit 1-27

AFE#133222

COUNTY

Kingman

STATE I

В

E

KS

JOB DESCRIPTION

Cement-New Well Casing/Pi

JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE
40659921	20920				Net - 30 days	12/07/2013
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Date.	s: 11/06/2013 to 1	1/06/2013		•		
0040659921						
171809360A Cem	ent-New Well Casing/Pi 1	1/06/2013				
Cement 5 1/2" Lon	_					
	AP					
AA2 Cement			170.00	EA	11.39	•
60/40 POZ			50.00	EA	8.04	
Salt			921.00	EA	0.33	308.53 7
Celloflake			43.00	EA	2.48	106.59 T
C-41P			32.00	EA	2.68	
FLA-322			80.00	1	5.02	
Claymax KCL Subst	titute		5.00	1	23.45	
Super Flush			500.00	į.	1.64	820.73 1
"Guide Shoe - Regu			1.00	1	167.50	
"Top Rubber Cmt P			1.00	1	70.35	
	Float Valves, 5 1/2"		1.00		144.05	
"Turbolizer, 5 1/2"	' (Blue)"		6.00		73.70	
Heavy Equipment M			90.00	MI	4.69	422.09
Blending & Mixing S		ا م	220.90	1	0.94	206.35
	el. Chgs., per ton mil	//	457.00	EA	1.07	489.89
Depth Charge; 400		- 1/ 1	1.00	EA	1,688.35	1,688.35
Plug Container Util.		$\wedge$	1.00	EA	167.50	167.50
"Service Supervisor		$\Lambda$ $\Pi$	1.00	EA	117.25	117.25
	PU, cars one way)" X	- W	45.00	MI	2.85	128.13
C-44		-	160.00	EA	3.45	552.06 T
	2	1 4 7013 (27/11)				
	X.	<i>V</i>				
PLEASE REMIT	TO: SE	ND OTHER CORRES	PONDENCE TO	);	CITE TOTAL	9 774 76

PO BOX 841903

DALLAS,TX 75284-1903

BASIC ENERGY SERVICES, LP BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102

SUB TOTAL

8,774.76 326.45

TAX INVOICE TOTAL

9,101.21

11-12-13



## FIELD SERVICE TICKET

1718 09360 A

P	ENERGY RESSURE PUMPI		ne 620-672-	1201			DATE	TICKET NO			
DATE OF 11 - 6	5-15 DI	STRICT P/9+T		<u>, , , , , , , , , , , , , , , , , , , </u>	WENT IZI &	ÆLL□ F	ROD □INJ	□wow		STOMER DER NO.:	
		+ 595			LEASE YOU	.ng (	COY UNI	T		WELL NO./-	27
ADDRESS	181, 21				COUNTY K	nam	An	STATE	И5		
CITY		STATE			SERVICE CRI	EW Y	1ATTOI, (	Francy, Pico	2011		
AUTHORIZED BY	/ (				JOB TYPE:	CAL	v L.5	LONG	2577	-DWG	
EQUIPMENT		EQUIPMENT#	HRS	. EQI	JIPMENT#	HRS	TRUCK CAL	LED //-5-1	DATE	AM JOTIM	υ
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	is authorized to e	RACT CONDITIONS: (This xecute this contract as an a of and only those terms and the written consent of an of	igent of the cust conditions appea	omer. <i>P</i> aring or	is such, the unders I the front and back	ol this do	cument No add	itional or substitute		ACTOR OR AG	ENT)
ITEM/PRICE REF. NO.	М	ATERIAL, EQUIPMENT	AND SERVIC	ES US	SED	UNIT	QUANTITY	UNIT PRIC	E	\$ AMOUN	
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FIELD SERVICE ORDER NO.

SERVICE

REPRESENTATIVE

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THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY: (WELL OWNER OPERATOR CONTRACTOR OR AGENT)

# BASIC ENERGY SERVICES PRESSURE PUMPING & WIRELINE

10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

## FIELD SERVICE TICKET

1718 00360 A

F			SERVICES Phon	e 620-6	72-1201			DATE	TICKET NO			
DATE OF \\ JOB \\		D	STRICT							디양	STOMER DER NO.:	
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10244 NE Hwy. 61
P.O. Box 8613
Pratt, Kansas 67124
Phone 620-672-1201
Phone 620-672-1201

## FIELD SERVICE TICKET

TOTAL

The state of the s	PRESSURE PUI	MPING & WIRELINE					DATE	TICKET NO				
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THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:	Jay	theth.	
(WELL OWNER OPER	RATOR CO	NTRACTOR OR AGENT)	



10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201

## FIELD SERVICE TICKET

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TEMPO Agreement's



## TREATMENT REPORT

Customer	LAND	011-	1 3 1	N.	Lease N	o.					Date				
Lease /	JUNG COM	1.1	d,' r		Well #	1-2	7						-6-	-15	
Field Orde	r# Stati	on p	Car-	r		·.··	Casing	5 1/2	Dept	h40 <b>9</b> 7.6	County	4.	1924.	·	State <sub>K</sub>
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10244	NE Hiwa	ıy 61	le P.	O. Box (	8613 •	Pratt,	KS 67	7124-8	613	• (620)	67/2=1	201	• Fax	(620) 67	2-5383



Lario O & G Co.

27-27s-5w Kingman Co. KS

301 S. Market St. Wichita, KS 67202-3805 Young Cox Unit 1-27 Job Ticket: 52468

DST#: 1

ATTN: John Hastings

Test Start: 2013.11.03 @ 12:45:27

#### **GENERAL INFORMATION:**

Time Tool Opened: 14:45:12

Time Test Ended: 20:31:57

Formation:

Miss. Chert

Deviated:

No Whipstock: 0.00 ft (KB)

Conventional Bottom Hole (Initial) Test Type:

Tester:

Ryan Reynolds

Unit No: 48

Reference Bevations:

1462.00 ft (KB) 1451.00 ft (CF)

KB to GR/CF:

11.00 ft

Interval:

3752.00 ft (KB) To 3770.00 ft (KB) (TVD)

Total Depth:

3770.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 8790 Press@RunDepth: Inside

74.81 psig @

3753.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2013.11.03 12:45:32 End Date: End Time:

2013.11.03 20:31:56 Last Calib.: Time On Btm:

2013.11.03 2013.11.03 @ 14:41:27

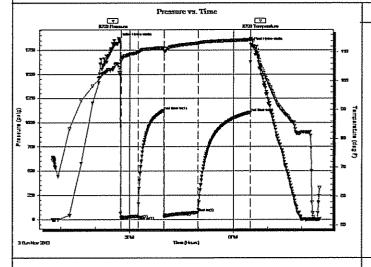
Time Off Btm:

2013.11.03 @ 18:30:42

TEST COMMENT: IF: Strong blow . BOB immed.

ISI: (G2S @ 2min. into) Weak surf. blow FF: Strong blow . BOB immed. Guaged gas

FSI: Weak surf. blow



	Р	RESSUF	RE SUMMARY
Time	Pressure	Temp	Annotation
/Min \	(nein)	(den E)	

5 11 E M	Hicasuic	1000b	Athiolation
(Mn.)	(psig)	(deg F)	
0	1857.20	104.46	Initial Hydro-static
4	12.93	107.22	Open To Flow (1)
33	34.78	110.08	Shut-In(1)
78	1126,55	111.44	End Shut-In(1)
79	29.92	110.19	Open To Flow (2)
137	74.81	113.11	Shut-In(2)
229	1106.45	114.25	End Shut-In(2)
230	1809.02	114.63	Final Hydro-static

Recovery

Length (fl)	Description	Volume (bbl)
120.00	WCM 40%w tr, 60%mud	1.68
0.00	O sptd M in hyd tool	0.00

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rele (Mcl/d)
First Gas Rate	0.13	6.00	7.63
Last Gas Rate	0.13	7.00	8.01
Max. Gas Rate	0.13	7.50	8.20



**FLUID SUMMARY** 

deg API

123000 ppm

Lario O & G Co.

301 S. Market St.

Wichita, KS 67202-3805

ATTN: John Hastings

27-27s-5w Kingman Co. KS

Young Cox Unit 1-27

Job Ticket: 52468

DST#: 1

Test Start: 2013.11.03 @ 12:45:27

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

9.00 lb/gal

Viscosity: Water Loss:

Resistivity:

Salinity: Filter Cake: 53.00 sec/qt 8.79 in<sup>3</sup>

ohmm 2000.00 ppm

0.02 inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbl

ft

psig

**Recovery Information** 

Trilobite Testing, Inc.

Recovery Table

Description Length Volume ft bbl 120.00 WCM 40%w tr, 60%mud 1.683 0.00 O sptd M in hyd tool 0.000

Total Length:

120.00 ft

Total Volume:

1.683 bbl

Num Fluid Samples: 1

Num Gas Bombs:

Laboratory Location: Liberal, KS

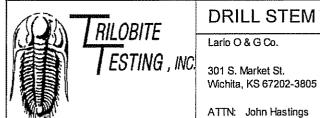
Serial#: RR-1

Recovery Comments:

Laboratory Name: Caraway

Ref. No: 52468

Printed: 2013.11.03 @ 21:55:43



**GAS RATES** 

Lario O & G Co.

27-27s-5w Kingman Co. KS

Young Cox Unit 1-27

Job Ticket: 52468

DST#:1

Test Start: 2013.11.03 @ 12:45:27

## **Gas Rates Information**

Temperature:

59 (deg F)

Relative Density:

0.65

Z Factor:

8.0

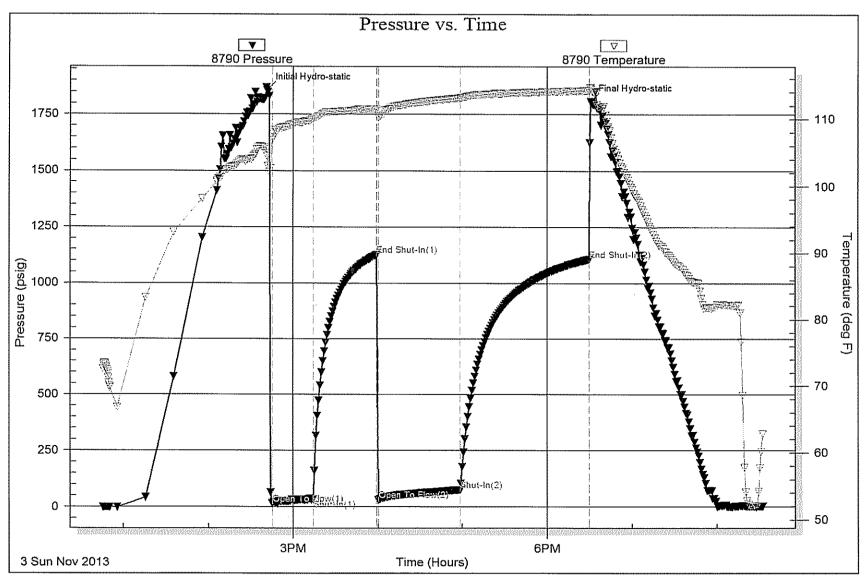
### Gas Rates Table

Flow Period	Bapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
2	10	0.13	6.00	7.63
2	20	0.13	7.00	8.01
2	30	0.13	7.00	8.01
2	40	0.13	7.50	8.20
2	50	0.13	7.50	8.20
2	60	0.13	7.00	8.01

Trilobite Testing, Inc.

Ref. No: 52468

Printed: 2013.11.03 @ 21:55:43





Lario O & G Co.

27-27s-5w Kingman Co, KS

301 S. Market St. Wichita, KS 67202-3805 Young Cox Unit 1-27

Job Ticket: 52469

DST#: 2

Test Start: 2013.11.04 @ 05:22:22

#### GENERAL INFORMATION:

Formation:

Interval:

Miss.

Deviated: No

Time Tool Opened: 07:19:52

Time Test Ended: 12:21:37

Whipstock:

0.00 ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Ryan Reynolds

Unit No:

Reference Bevations:

1462.00 ft (KB)

1451.00 ft (CF)

KB to GR/CF:

11.00 ft

Total Depth: Hole Diameter:

Press@RunDepth:

3778.00 ft (KB) To 3800.00 ft (KB) (TVD) 3800.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8790

Inside

26.94 psig @

3779.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2013.11.04 05:22:27

End Date: End Time:

2013.11.04 12:21:36

Last Calib.: Time On Blm: 2013.11.04

Time Off Btm:

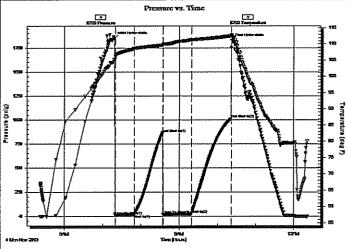
2013.11.04 @ 07:18:37 2013.11.04 @ 10:21:52

TEST COMMENT: IF: Strong blow. BOB @ 15min.

ISI: No blow

FF: Strong blow . BOB immed. No GTS.

FSI: No blow



## PRESSURE SUMMARY

Time	Pressure	Temp	Annotation	
(Mn.)	(psig)	(deg F)		
0	1850.74	105.30	Initial Hydro-static	
2	11.74	105.94	Open To Flow (1)	
32	18.79	108.73	Shut-In(1)	
76	864.23	109.69	End Shut-In(1)	
77	18.37	109.95	Open To Flow (2)	
121	26.94	111.40	Shut-In(2)	
183	1011.71	112.50	End Shut-In(2)	
184	1826.78	112.60	Final Hydro-static	
	(Min.) 0 2 32 76 77 121 183	(Min.) (psig) 0 1850.74 2 11.74 32 18.79 76 864.23 77 18.37 121 26.94 183 1011.71	(Min.)         (psig)         (deg F)           0         1850.74         105.30           2         11.74         105.94           32         18.79         108.73           76         864.23         109.69           77         18.37         109.95           121         26.94         111.40           183         1011.71         112.50	

#### Recovery

Length (fl)	Description	Valume (bbi)
40.00	VSLI WOCM trc%wtr, trc%oil, 99%mu	0.56
0.00	935' GIP (O sptd M in hyd. tool)	0.00
* Recovery from r	nutiple tests	

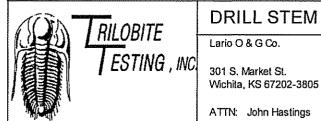
Gas Rates

Choke (inches) Pressure (psig) Gas Rete (Mct/d)

Trilobite Testing, Inc.

Ref. No: 52469

Printed: 2013.11.04 @ 13:42:19



FLUID SUMMARY

Lario O & G Co.

301 S. Market St.

27-27s-5w Kingman Co. KS

Young Cox Unit 1-27 Job Ticket: 52469

ATTN: John Hastings

Test Start: 2013.11.04 @ 05:22:22

#### **Mud and Cushion Information**

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft bbl Water Salinity:

Viscosity: Water Loss: 53.00 sec/qt 8.79 in<sup>3</sup>

Cushion Volume:

2000 ppm

Resistivity:

ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: 2000.00 ppm Filter Cake: 0.02 inches

## **Recovery Information**

#### Recovery Table

Length ft	Description	Volume bbl
40.00	VSLI WOCM trc%wtr, trc%oil, 99%mud	0.561
0.00	935' GIP (O sptd M in hyd. tool)	0.000

Total Length:

40.00 ft

Total Volume:

0.561 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #: none

Laboratory Name:

Laboratory Location:

Recovery Comments:

Serial #: 8790

Inside

Lario O & G Co.

Young Cox Unit 1-27

DST Test Number: 2

