

Kansas Corporation Commission Oil & Gas Conservation Division

1049839

Form ACO-1

June 2009

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:	SecTwpS. R 🗌 East 🗌 West
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	County:
Name:	Lease Name: Well #:
Wellsite Geologist:	Field Name:
Purchaser:	Producing Formation:
Designate Type of Completion:	Elevation: Ground: Kelly Bushing:
New Well Re-Entry Workover	Total Depth: Plug Back Total Depth:
Oil WSW SWD SIOW Gas D&A ENHR SIGW OG GSW Temp. Abd. CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feet Multiple Stage Cementing Collar Used? Yes No If yes, show depth set: Feet If Alternate II completion, cement circulated from: sx cmt
Operator:	
Well Name:	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date: Original Total Depth: Deepening Re-perf. Conv. to ENHR Conv. to SWD Conv. to GSW Plug Back: Plug Back Total Depth Commingled Permit #: Dual Completion Permit #: SWD Permit #:	Chloride content: ppm Fluid volume: bbls Dewatering method used: Location of fluid disposal if hauled offsite: Operator Name: License #: Quarter Sec Twp S. R East West
ENHR Permit #:	County: Permit #:
Spud Date or Recompletion Date Date Reached TD Completion Date or Recompletion Date Recompletion Date	

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				
Letter of Confidentiality Received				
Date:				
Confidential Release Date:				
Wireline Log Received				
Geologist Report Received				
UIC Distribution				
ALT I II Approved by: Date:				

Side Two

1049839

Operator Name:			Lease Name: _			_ Well #:	
Sec Twp	S. R	East West	County:				
time tool open and clo	sed, flowing and shut es if gas to surface tes	d base of formations per -in pressures, whether s st, along with final chart(well site report.	shut-in pressure rea	ached static level,	hydrostatic press	sures, bottom he	ole temperature, fluid
Drill Stem Tests Taken (Attach Additional S		Yes No		₋og Formatio	n (Top), Depth an	d Datum	Sample
Samples Sent to Geol	·	☐ Yes ☐ No	Nan	ne		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted (If no, Submit Copy)	d Electronically	Yes No Yes No Yes No					
List All E. Logs Run:							
		CASING Report all strings set-		lew Used termediate, producti	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
	1	ADDITIONAL	_ _ CEMENTING / SQ	UEEZE RECORD	I		
Purpose: Perforate Protect Casing Plug Back TD Plug Off Zone	Depth Top Bottom	Type of Cement	# Sacks Used		Type and F	Percent Additives	
Shots Per Foot		ON RECORD - Bridge Pluç ootage of Each Interval Per			cture, Shot, Cement mount and Kind of Ma	•	Depth
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No		
Date of First, Resumed	Production, SWD or EN	HR. Producing Met	hod:		other (Explain)		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wa	ter Bl	pls. (Gas-Oil Ratio	Gravity
DISPOSITIO	Used on Lease	Open Hole		ly Comp. Con	nmingled mit ACO-4)	PRODUCTIO	N INTERVAL:

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Welch 1-14
Doc ID	1049839

All Electric Logs Run

Micro	
CDL/CNL	
PE	
DIL	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Welch 1-14
Doc ID	1049839

Tops

Name	Тор	Datum
Heebner	3770	-966
Lansing	3806	-1002
Stark Shale	4053	-1249
Hushpuckney	4086	-1282
Base KC	4131	-1327
Ft. Scott	4291	-1487
Johnson	4383	-1579
Mississippian	4439	-1635

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/

Thomas E. Wright, Chairman Ward Loyd, Commissioner Corporation Commission

Sam Brownback, Governor

February 09, 2011

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

Re: ACO1 API 15-109-20952-00-00 Welch 1-14 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

INVOICE

Invoice Number: 125549
Invoice Date: Dec 6, 2010

Page: 1

Voice: Fax:

(785) 483-3887 (785) 483-5566

Bill To:

Lario Oil & Gas Co.

P.O. Box 1093 garden City Ks 67846 Federal Tax I.D.#: 20-5975804

drilling AFE 10-280

12-12-10 LK

Customer ID	Well Name# or Customer P.O.	Paymen	t Terms
Lario	(Welch #1-14)	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Dec 6, 2010	1/5/11

Quantity	Item	Description	Unit Price	
The state of the s	MAT	Class A Common	1000 Property 10	Amount
l .	[<u> </u>	15.45	2,472.00
1	MAT	Gel	20.80	62.40
	MAT	Chloride	58.20	291.00
168.00	SER	Handling	2.40	403.20
20.00	SER	Mileage 168 sx @.10 per sk per mi	16.80	336.00
1.00	SER	Surface	1,018.00	1,018.00
20.00	SER	Pump Truck Mileage	7.00	140.00
1.00	EQP	8.5/8 Wooden plug	68.00	68.00
		KG HY	DEC 1/20	010 DE MM SE OM

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 958 12

ONLY IF PAID ON OR BEFORE Dec 31, 2010

 Subtotal
 4,790.60

 Sales Tax
 211.22

 Total Invoice Amount
 5,001.82

 Payment/Credit Applied
 5,001.82

ALLIED CEMENTING CO., LLC. 035522 Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	25 55. 555	SERVICE POINT	le,
SEC., TWP. RANGE	ALLED OUT ON LO	CATION JOB START	C C
DATE 126/10 14 14 32	ALLED OUT ON LO	6:34	27-000
LEASE WELL# 1-14 LOCATION BAK/	205	COUNTY	STATE
OLD OR/NEW (Circle one)		7	1 /3 /
CONTRACTOR WW Z	OWNER Sa	~	
HOLE SIZE 12/14 T.D. 249			
HOLE SIZE 1319 T.D. 249 CASING SIZE 858 DEPTH 249	CEMENT AMOUNT ORDERED	160 SK1	
TUBING SIZE DEPTH	AMOUNT ORDERED	2 m 3900	290.0
DRILL PIPE DEPTH		1	
TOOL DEPTH PRES. MAX MINIMUM		·- 43	7
MEAS. LINE SHOE JOINT	COMMON_/60 POZMIX	@ <u>/\$_</u> 22	- 2472-
CEMENT LEFT IN CSG. 15	GEL 3	@	65 40
PERFS.	CHLORIDE 💪	@ 50°	30400
DISPLACEMENT 1490 WILL	ASC	@	
EQUIPMENT		@	
		@	
PUMPTRUCK CEMENTER Han		@ @	
# 422 HELPER Terry BULK TRUCK			
# 404 DRIVER JOTH		@	
BULK TRUCK		@	
# DRIVER	HANDLING //o	<u> </u>	2 //22
	HANDLING <u>/ 69</u> MILEAGE 1045K /	5/1 @ 2 2	256
? REMARKS:	moento permy	TOTA	250
Kin 8 18 Cog Cirmletty Mix 1609K1		IOIA	L 33 69
		SERVICE	
Con 300 CC 200gel, Siplace in 14.9			
BBL H.O. Cement And commente	DEPTH OF JOB		
Dut 190: Commit page Committee	PUMPTRUCK CHAR		1018
	EXTRA FOOTAGE	0 <u>9</u>	
Thorse Tu Ala Tenz	MANIFOLD		- 770-
Jerry		_	
(0.000, 0.014, 0		@	
CHARGE TO: Lario Dila Gas			3
STREET		TOTA	L //589 ===
CITYSTATEZIP			
Dii	PLUG &	FLOAT EQUIPME	NT
	85/8 Woode	Physical	
	0 18 9000	/ hay @	-
To Allied Cementing Co., LLC.			71000000
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			6000
done to satisfaction and supervision of owner agent or		TOTA	L 682
contractor. I have read and understand the "GENERAL	SALES TAX (If Any)_		
TERMS AND CONDITIONS" listed on the reverse side.			
1/00006/000	TOTAL CHARGES		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
PRINTED NAME LONNIE LANG	DISCOUNT	IF PA	ID IN 30 DAYS
SIGNATURBLO MILE 1069	P	d	



PO BOX 31 Russell, KS 67665

Voice:

(785) 483-3887 (785) 483-5566

Fax:

Bill To:

Lario Oil & Gas Co. PO. Bet 1093 Garden Orty Ks 67846 INVOICE

Invoice Number: 125655

Invoice Date: Dec 17, 2010

Page:

Federal Tax I.D.#: 20-5975804

CustomerID	Well Name# or Customer P.O.	Paymen	t Terms
Lario	Welch #1-14	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Dec 17, 2010	1/16/11

Quantity	Item	Description	Unit Price	Amount
200.00	MAT	ASC Class A	18.60	3,720.00
1,000.00	MAT	Gilsontie	0.89	890.00
500.00	MAT	WFR-2	1.27	635.00
246.00	SER	Handling	2.40	590.40
1.00	SER	Handling Mileage Charge	590.40	590.40
1.00	SER	Production - Bottom Stage	2,011.00	2,011.00
20.00	SER	Pump Truck Mileage	7.00	140.00
1.00	EQP	5.5 AFU Float Shoe	214.00	214.00
9.00	EQP	5.5 Centralizer	35.00	315.00
1.00	EQP	5.5 Basket	161.00	161.00
1.00	EQP	5.5 Stage Collar	4,500.00	4,500.00
1.00	EQP	5.5 Latch Down Assembly	164.00	164.00
		Drilling		11
		Drilling AFE-10-280 CA 12123110	<u>x</u> C	
		ch 12123110	DEC 27	
	<u> </u>	Cubtotal		40.000.00

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

\$ 2786 15

ONLY IF PAID ON OR BEFORE Jan 11, 2011

Subtotal	13,930.80
Sales Tax	773.73
Total Invoice Amount	14,704.53
Payment/Credit Applied	<u> </u>
TOTAL	14,704.53

ALLIED CEMENTING CO., LLC. 040790

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 **RUSSELL, KANSAS 67665**

SERVICE POINT:

AFE-10-280 ONE ES 1217-10 RANGE ろう SEC. CALLED OUT ON LOCATION JOB START JOB FINISH 21000 W 4:00mm 2:30pm Welch COUNTY STATE WELL# LOCATION OAKLEY 195. 6450 LEASE LOSAV ~ حيا OLD OR NEW (Circle one) **CONTRACTOR OWNER** TYPE OF JOB Bo Hom **HOLE SIZE** 4550 **CEMENT** 15.5 DEPTH **CASING SIZE** AMOUNT ORDERED 200 5 K3 ASC **TUBING SIZE** 2070 gel 100705017 5+ 6.1/5/ **DEPTH** DRILL PIPE SOOGAL WIGHT DJ 7001 TOOL PRES. MAX COMMON_ @ MEAS. LINE SHOE JOINT POZMIX CEMENT LEFT IN CSG. リア GEL WIC PERFS. CHLORIDE @ 526w -54,3 m-d DISPLACEMENT ASC ___ @ 18 EQUIPMENT @ SALT 22 @ @ **PUMP TRUCK** CEMENTER _ 下レッフリ Glanite 431 HELPER Kally (a) **BULK TRUCK** 5005A 404 DRIVER DAIM @ **BULK TRUCK** @ 394 DRIVER 246 დ გ-MILEAGE 1045 Punite REMARKS: TOTAL GUZS Punp 500gal WILL Mry 2005kg Crment graff bend tours. Dies plugddigalarg SERVICE o Latehdown 900+ Lift - 1500+ Land lockhold Plusdown @ 2130pm DEPTH OF JOB Drop Du Bound as pendoul PUMP TRUCK CHARGE <u>ろんとら</u> EXTRA FOOTAGE **@** Thanks Fuzzled crow MILEAGE 20 @ MANIFOLD_ @ mail to @ CHARGE TO: LANG OLL GAS STREET POR BOX 1093 CITY Garden STATE KS ZIP 6 > 846 PLUG & FLOAT EQUIPMENT 1-AFU Float Shoe 9, Cent _@ *`*3*5* 1 · B 05 R-ct <u>_@16(</u> 161 رتب)_@ _ 1-54ace Collas To Allied Cementing Co., LLC. 1. lodohdown Assy @ 16 450 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 TOTAL 5354 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. SALES TAX (If Any) TOTAL CHARGES ___ PRINTED NAME Curtis D Kell DISCOUNT ___ IF PAID IN 30 DAYS SIGNATURE (unty G) 2



PO BOX 31 Russell, KS 67665

Voice:

(785) 483-3887

Fax:

(785) 483-5566

Bill To:

Lario Oil & Gas Co. P. D. Bix 1093 Gurden City Ks 67846

INVOICE

Invoice Number: 125656

Invoice Date: Dec 17, 2010

Page:

1

Federal Tax I.D.#: 20-5975804

CustomerID	Well Name# or Customer P.O.	Paymen	t Terms
Lario	Welch #1-14	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Dec 17, 2010	1/16/11

Quantity	Item	Description	Unit Price	Amount
	MAT	Lightweight Class A	14.05	7,025.00
ł		Flo Seal	2.50	312.50
534.00	1	Handling - Two Stage - Top	2.40	1,281.60
20.00	SER	Mileage 534 sx @.10 per sk per mi	53.40	1,068.00
And the second s		Drilling AFE-10-280 AF 12/23/10		
***		AFE-10-280		
		CA 12/23/10		
			V J	$ \mathcal{M} $
			X	
		**************************************	and the second second section of the second	
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ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 11/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF

ONLY IF PAID ON OR BEFORE Jan 11, 2011

Ì	Subtotal	9,687.10
	Sales Tax	535.64
	Total Invoice Amount	10,222.74
	Payment/Credit Applied	
	TOTAL	10,222.74

ALLIED CEMENTING CO., LLC. 040791

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665

AF6-10-280

SERVICE POINT:

OAKIRy125

12-17-10	SEC.	TWP.	RANGE		ALLED OUT	ON LOCATION	JOB START	TION FINANCE
DATE	14	14	るる		ALLED OUT	4 DOWN	6:30sm	JOB FINISH
welch		1					COUNTY	STATE
LEASE		1-14	LOCATION O	ia fely	4195-		Losen	<u> 45 </u>
OLD OR NEW (C	ircle one)		<u> </u>	***************************************				
CONTRACTOR	<i>اب- دیا</i>	(-ib-)			OWNER			
	2-5+2				OWNER			
	7 Kg	T.D.	10 p 4550'		CEMENT			
CASING SIZE S	****			, ,		DERED 50	a 1 = 1	1/44
TUBING SIZE	0-13:	DEP		>	Flo-SAA	UEREU <u>70</u>	0 1.112	<u>e </u>
DRILL PIPE	···	DEF		**	4 (0-524			
TOOL		DEF						
PRES. MAX			IIMUM		COMMON			
MEAS. LINE			DE JOINT				@	
CEMENT LEFT IN	V CSG	OII()E JOIN I		POZMIX		@	
PERFS.	<u>, COO.</u>				GEL		@	
DISPLACEMENT	·	4.3			CHLORIDE		@	
DIOI LACLIVILIY				···-·	ASC		<u> </u>	
	EQU	IPMENT			Fire	50001		<u> </u>
					Cla man		= @ - 40	
PUMP TRUCK	CEMENTE	R Fu-	274		Clo-seul	1757		_ 3(え _
# 431	HELPER	اكماا	()				@	····
BULK TRUCK							@	***************************************
# 4	DRIVER				***		@	
BULK TRUCK			.		*		@	
# 396	DRIVER		Dani	e /\		73:1	_ @ _ <u>~ ~ _</u>	6
		***************************************	1		HANDLING_	534		1281
	TO TOR	f A DECG			MILEAGE	1104544	***************************************	1668
~		IARKS:					TOTAL	1 9687 L
Pump 20st					ياـ			
Pump SBB						SERVI	ICE	
down < 55	, wy	ak pu	arilt an	5				
1000 pl	<u>ug + d</u>	·9 Ala.	e e , 800	4	DEPTH OF JO	В	225	ਨੇ ੨ ′
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<u>C(= 44</u>	held.	<u>, 1960</u>	a, dour 6	2	EXTRA FOOT	AGE	@	
6725					MILEAGE	CHARGE AGE ンの	_ @ 	N/2
	Thon	105	102740	C1.8 C	MANIFOLD _		_ <u> </u>	
			4				_	
CHARGE TO:	01240	0.(\$600					
STREET P_{i}	$\mathcal{L}_{\mathbf{U}}$	<u> 50 X</u>	1093	<u>></u>			IOIAI	·
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					***		***************************************	
							_ @	
TC - A D - 1 / C3		* ~						
To Allied Cemen							@	
You are hereby re	equested to	rent cem	enting equipm	ent				
and furnish ceme	enter and he	elper(s) to	assist owner o	or			@	
contractor to do v								
done to satisfacti	on and sup	ervision o	of owner agent	or			TOTAL	<u> </u>
contractor. I have	e read and	understar	nd the "GENER	RAL				
TERMS AND CO					SALES TAX (I	f Any)		
		, .			TOTAL CUAR	CEC		
-	(1)	1 .	\sim ν	i		GES		
PRINTED NAME	<u> </u>	ti s	<u> D Kei/</u>	······································	DISCOUNT _		IF PA	ID IN 30 DAYS
	/)	_	0					
SIGNATURE (1	10 27	1 X					
~~~~ (	JUN	$V \cup V$	VI					



Lario Oil & Gas Company

301 S Market St. Wichita Ks 67202

14-14-32 Logan Co.KS

Job Ticket: 040603

Welch 1-14

DST#: 1

ATTN: Tim Lauer Test Start: 2010.12.09 @ 16:01:15

GENERAL INFORMATION:

Time Tool Opened: 18:09:30

Time Test Ended: 23:32:00

Formation:

B&C No

Deviated:

Interval:

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester: Unit No: Mike Roberts

Reference ⊟evations:

2806.00 ft (KB)

2801.00 ft (CF)

Total Depth:

3827.00 ft (KB) To 3860.00 ft (KB) (TVD)

3860.00 ft (KB) (TVD)

Hole Diameter:

7.88 inches Hole Condition: Fair

KB to GR/CF:

5.00 ft

Serial #: 8358

Press@RunDepth:

Outside 281.14 psig @

3828.00 ft (KB)

Capacity:

8000.00 psig

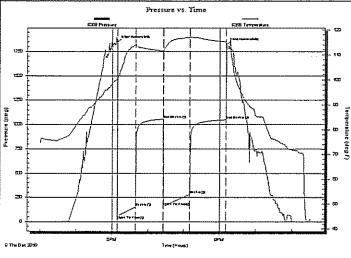
Start Date: Start Time: 2010.12.09 16:01:15 End Date: End Time: 2010,12.09 23:32:00 Last Calib.: Time On Btm: Time Off Btm: 2010.12.09

2010.12.09 @ 18:09:15

2010.12.09 @ 21:11:00

TEST COMMENT: IF:BOB in 17 min.

IS:No return blow FF:BOB in 25 min. FS:No return blow



	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1846.55	100.34	Initial Hydro-static				
	1	20.60	99.72	Open To Flow (1)				
	31	151.97	114.24	Shut-In(1)				
	77	1054.70	111.67	End Shut-In(1)				
	77	156.03	111.42	Open To Flow (2)				
	121	281.14	117.02	Shut-In(2)				
	181	1048.20	115.21	End Shut-In(2)				
,	182	1820.13	114.54	Final Hydro-static				
		!						

PRESSURE SUMMARY

#### Recovery

Length (fl)	Description	Valume (bbl)
1.00	free oil	0.00
62.00	w cm 40%w 60%m w ith oil spots	0.30
452.00	sw with oil spots	5.79

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 040603

Printed: 2010.12.11 @ 10:30:51 Page 1



FLUID SUMMARY

Lario Oil & Gas Company

Welch 1-14

ft

bbl

psig

301 S Market St. Wichita Ks 67202

14-14-32 Logan Co.KS Job Ticket: 040603

**DST#: 1** 

ATTN: Tim Lauer

Test Start: 2010.12.09 @ 16:01:15

#### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity:

55.00 sec/qt

Water Loss: Resistivity:

Salinity: Filter Cake:

8.75 in³ 0.00 ohm.m

2700.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Serial#:

0 deg API

Water Salinity: 27000 ppm

#### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl
1.00	free oil	0.005
62.00	w cm 40%w 60%m w ith oil spots	0.305
452.00	sw with oil spots	5.794

Total Length:

515.00 ft

Total Volume:

6.104 bbl

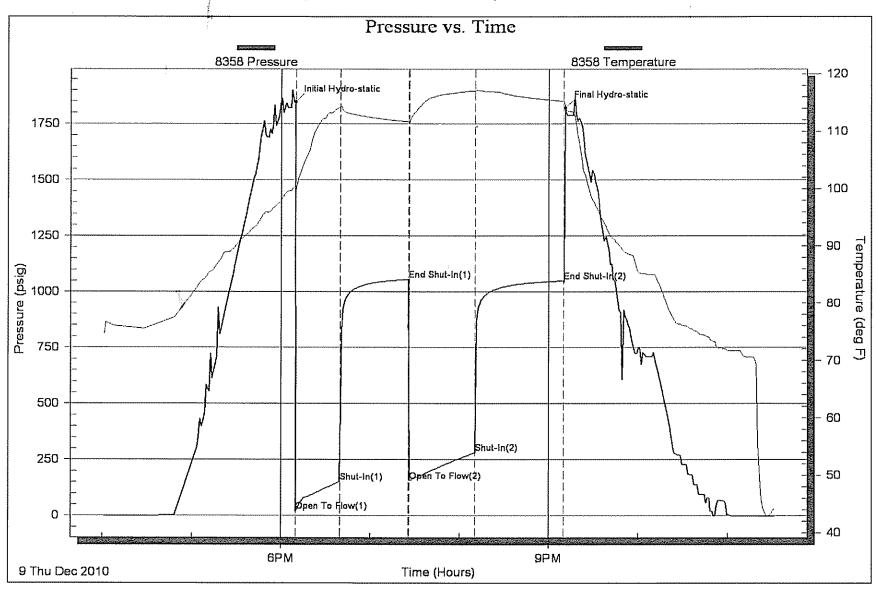
Num Fluid Samples: 0

Num Gas Bombs: 0

Laboratory Name:

Laboratory Location:

Recovery Comments: RW=.369 @ 51.6*=27000





Lario Oil & Gas Company

301 S Market St. Wichita Ks 67202

ATTN: Tim Lauer

Welch 1-14

14-14-32 Logan Co.KS

Job Ticket: 040604

DST#: 2

Test Start: 2010.12.10 @ 14:27:15

#### GENERAL INFORMATION:

Time Tool Opened: 16:16:45

Time Test Ended: 20:53:30

Formation:

Н

Deviated:

No Whipstock ft (KB)

Test Type: Conventional Bottom Hole

Tester: Unit No: Mike Roberts

interval:

3958.00 ft (KB) To 3990.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 3990.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Reference Bevations:

2806.00 ft (KB)

KB to GR/CF:

2801.00 ft (CF) 5.00 ft

Serial #: 8358

Press@RunDepth:

Outside

53.89 psig @ 2010.12.10

3959.00 ft (KB)

2010.12.10

Capacity:

8000.00 psig

Start Date: Start Time:

14:27:15

End Date: End Time:

20:53:30

Last Calib.: Time On Blim 2010.12.10

Time Off Btm:

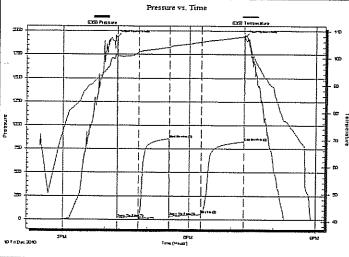
2010.12.10 @ 16:16:30 2010.12.10 @ 19:19:00

TEST COMMENT: IF:Built to 1/8" blow

IS:No return blow

FF:Built to weak surface blow

FS:No return blow



	PRESSURE SUMMARY							
	Time	Pressure	Temp	Annotation				
	(Min.)	(psig)	(deg F)					
	0	1933.17	101.19	Initial Hydro-static				
	1	16.47	100.57	Open To Flow (1)				
	31	33.40	102.38	Shut-In(1)				
	75	859.11	104,11	End Shut-In(1)				
T arr	75	35.32	103.71	Open To Flow (2)				
Terracionis	121	53.89	105.98	Shut-In(2)				
\$	182	828.24	107.98	End Shut-In(2)				
ı	183	1934.06	108.56	Final Hydro-static				
İ								
ı		1						

# Recovery Length (fl) Description Volume (bbl) 123.00 mwith oil spots 0.60

 Gas Ra	les	
Choke (inches)	Pressure (psig)	Gas Rate (Mct/d)

Trilobite Testing, Inc.

Ref. No: 040604

Printed: 2010.12.12 @ 19:10:30 Page 1



**FLUID SUMMARY** 

Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202

14-14-32 Logan Co.KS Job Ticket: 040604

ATTN: Tim Lauer

Test Start: 2010.12.10 @ 14:27:15

Oil APt:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity:

Water Loss: 9.17 in³

Resistivity: Salinity: Filter Cake:

3000.00 ppm

54.00 sec/qt ::

0.00 ohm.m

1.00 inches

Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

0 ppm ....

0 deg API

psig

ft

bbl

Recovery Information

Recovery Table

Length Description Volume ft bbl mwith oil spots 123.00 0.605

Total Length:

123.00 ft

Total Volume:

0.605 bbl

Num Fluid Samples: 0

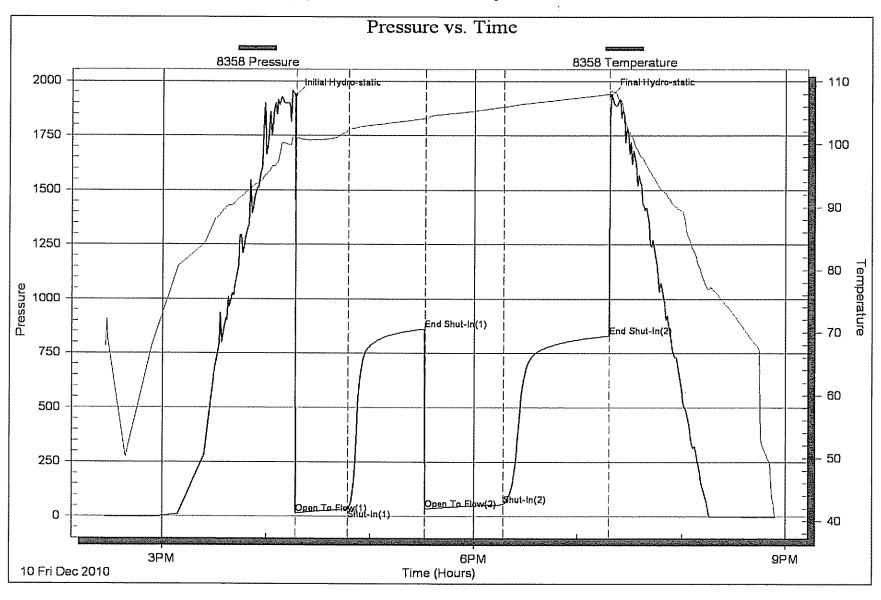
Laboratory Name:

Recovery Comments:

Num Gas Bombs:

Laboratory Location:

Serial #:





Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202

14-14-32 Logan Co.KS

Job Ticket: 040605

DST#: 3

ATTN: Tim Lauer

Test Start: 2010.12.11 @ 05:00:15

#### GENERAL INFORMATION:

Time Tool Opened: 07:06:30

Time Test Ended: 12:18:45

Formation:

Deviated:

No Whipstock ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Mike Roberts

Unit No:

2806.00 ft (KB)

2801.00 ft (CF)

Reference Bevations: KB to GR/CF:

5.00 ft

Interval: Total Depth:

Hole Diameter:

3991.00 ft (KB) To 4020.00 ft (KB) (TVD)

4020.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8358

Press@RunDepth:

Outside

123.70 psig @

3992.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

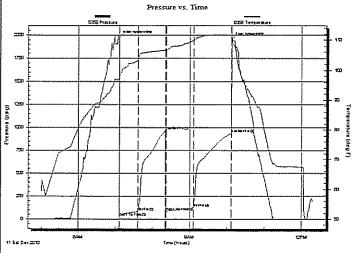
2010.12.11 05:00:15

End Date: End Time: 2010.12.11 12:18:45 Last Calib.: Time On Blm: 2010.12.11

2010.12.11 @ 07:06:15 Time Off Blm: 2010.12.11 @ 10:07:30

TEST COMMENT: IF:BOB in 13 min.

IS:Return blow 1 1/2" FF:BOB in 6 min. FS:Return blow 3"



			······································	
		P	RESSUF	RE SUMMARY
	Time	Pressure	Тетр	Annotation
	(Min.)	(psig)	(deg F)	
	0	1975.69	97.21	Initial Hydro-static
	1	23.75	96.80	Open To Flow (1)
	31	82.36	103.44	Shut-In(1)
-1	75	966.54	106.67	End Shut-In(1)
ad2.0	76	81.47	106.37	Open To Flow (2)
plure	120	123.70	110.00	Shut-In(2)
Temperatura (deg F)	180	936.96	111.86	End Shut-In(2)
3	182	1952.78	110.65	Final Hydro-static
		ĺ		

#### Recovery

Length (ft)	Description	Volume (bbi)
0.00	GIP= 806 feet	0.00
247.00	mcgo15%m 20%g 65%o	2.34

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 040605

Printed: 2010.12.12 @ 19:08:40 Page 1



**FLUID SUMMARY** 

Lario Oil & Gas Company

Welch 1-14

ft

bbl

psig

301 S Market St. Wichita Ks 67202

Job Ticket: 040605

14-14-32 Logan Co.KS

DST#: 3

ATTN: Tim Lauer

Test Start: 2010.12.11 @ 05:00:15

#### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

9.00 lb/gal

Viscosity: Water Loss:

Resistivity:

Salinity: Filter Cake:

54.00 sec/qt 9.18 in³

0.00 ohm.m

3000.00 ppm 1.00 inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil APL Water Salinity: 0 deg API

0 ppm

#### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbl	
0.00	GIP= 806 feet	0.000	
247.00	mcgo15%m 20%g 65%o	2.344	

Total Length:

247.00 ft

Total Volume:

2.344 bbl

Num Fluid Samples: 0

Laboratory Name:

Num Gas Bombs: ٥ Laboratory Location:

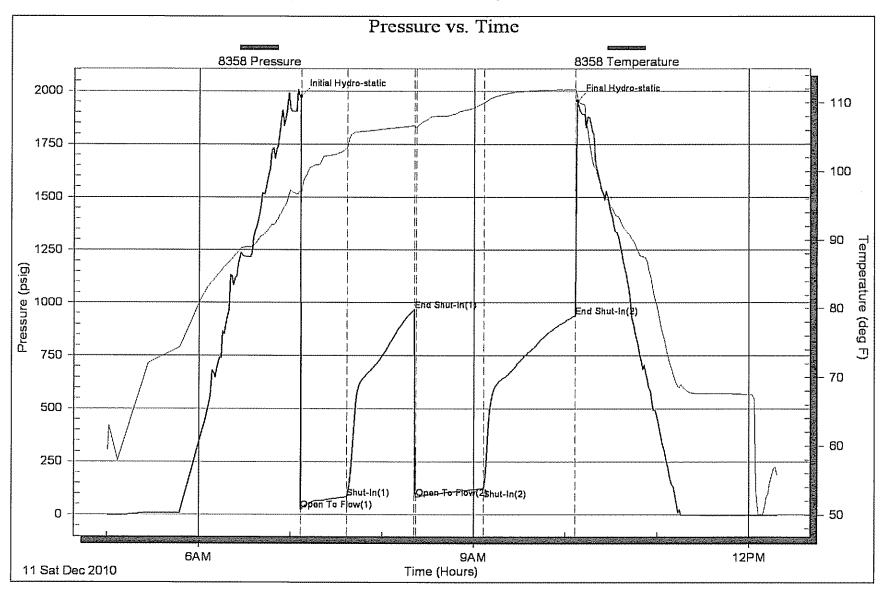
Serial#:

Recovery Comments:

Trilobite Testing, Inc.

Ref. No: 040605

Printed: 2010.12.12 @ 19:08:41 Page 2





Lario Oil & Gas Company

301 S Market St. Wichita Ks 67202

ATTN: Tim Lauer

Welch 1-14

14-14-32 Logan Co.KS

Job Ticket: 040606

DST#:4

Test Start: 2010.12.11 @ 19:00:15

#### **GENERAL INFORMATION:**

Time Tool Opened: 20:58:15

Time Test Ended: 01:57:00

Formation:

J

Deviated:

Interval:

No Whipstock ft (KB)

Tester: Mike Roberts

Test Type: Conventional Bottom Hole

Unit No:

48

4019.00 ft (KB) To 4053.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4053.00 ft (KB) (TVD)

7.88 inchesHole Condition: Fair

Reference Bevations:

2806.00 ft (KB)

2801.00 ft (CF)

KB to GR/CF: 5.00 ft

Serial #: 8358

Press@RunDepth:

Outside

64.71 psig @ 2010.12.11

4020.00 ft (KB)

2010.12.12

Capacity:

8000.00 psig

Start Date: Start Time:

19:00:15

End Date: End Time:

01:57:00

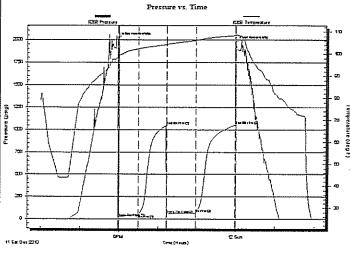
Last Calib.: Time On Btm: 2010.12.12

Time Off Blm:

2010.12.11 @ 20:58:00 2010.12.11 @ 23:59:30

TEST COMMENT: IF:Built to 6" blow

IS:No return blow FF:Built to 7 1/2" blow FS:No return blow



		PI	RESSUF	RE SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2003.08	98.32	Initial Hydro-static
	1	18.09	97.94	Open To Flow (1)
	32	46.40	102.28	Shut-In(1)
~	75	1046.66	104.22	End Shut-In(1)
adita	76	51.33	103.69	Open To Flow (2)
atta) e	120	64.71	106.08	Shut-In(2)
(, for) amparadua	181	1051.93	108.33	End Shut-In(2)
3	182	1970.22	108.63	Final Hydro-static
-				
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#### Recovery

Length (ft)	Description	Volume (bbi)
0.00	GIP= 248 feet	0.00
1.00	free oil	0.00
133.00	gcmo 5% g 45%m 50%o	0.75
	MATERIA STATE OF THE STATE OF T	

١	Chole (inches)	Pressure (psig)	Gas Rate (Mctid)
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Trilobite Testing, Inc.

Ref. No: 040606

Printed: 2010.12.13 @ 08:58:47 Page 1



**FLUID SUMMARY** 

Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202 14-14-32 Logan Co.KS Job Ticket: 040606

ATTN: Tim Lauer

Test Start: 2010.12.11 @ 19:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity:

53.00 sec/qt 9.58 in³

Water Loss: Resistivity:

0.00 ohm.m

Salinity: Filter Cake: 3300.00 ppm 1.00 inches

Cushion Type:

Cushion Length: Cushion Volume:

ft bbl Oil API: Water Salinity:

0 deg API 0 ppm

Gas Cushion Type:

Gas Cushion Pressure:

psig

#### Recovery Information

#### Recovery Table

Length ft	Description	Volume bbi
0.00	GIP= 248 feet	0.000
1.00	free oil	0.005
133.00	gcmo 5% g 45%m 50%o	0.754

Total Length:

134.00 ft

Total Volume:

0.759 bbl

0

Num Fluid Samples: 0

Num Gas Bombs: Laboratory Location: Serial #:

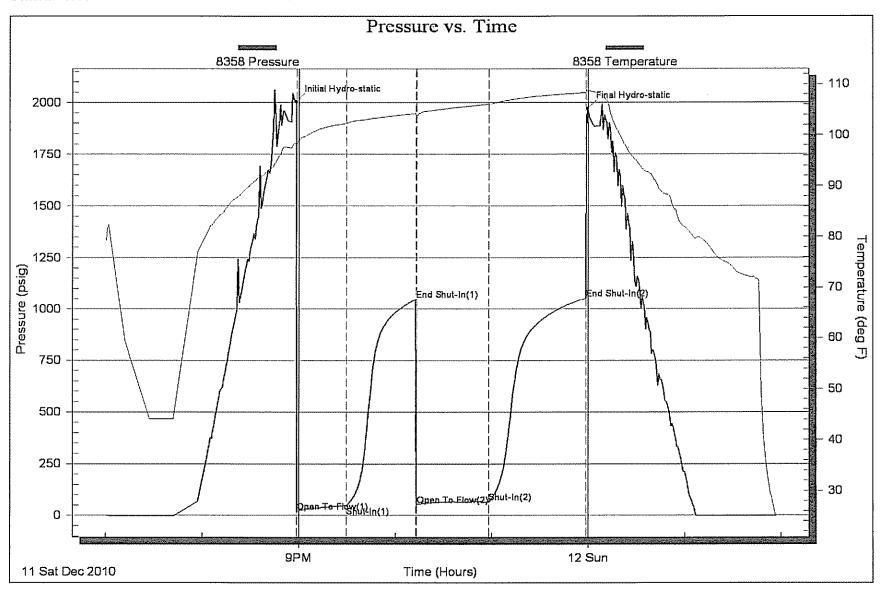
Laboratory Name:

Recovery Comments:

Trilobite Testing, Inc.

Ref. No: 040606

Printed: 2010.12.13 @ 08:58:48 Page 2





Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202

ATTN: Tim Lauer

14-14-32 Logan Co.KS

Job Ticket: 040607

DST#:5

Test Start: 2010.12.12 @ 12:00:15

**GENERAL INFORMATION:** 

Time Tool Opened: 13:50:30 Time Test Ended: 17:49:15

Formation: Deviated:

L

No

Whipstock

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Mike Roberts

Unit No:

48

Reference Bevations:

2806.00 ft (KB)

2801.00 ft (CF)

KB to GR/CF:

Interval:

4083.00 ft (KB) To 4103.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4103.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

5.00 ft

Serial #: 8358

Outside Press@RunDepth:

17.70 psig @

4084.00 ft (KB)

2010.12.12

Capacity:

8000.00 psig

Start Date: Start Time:

2010.12.12 12:00:15

End Date: End Time:

17:49:15

Last Calib.: Time On Btm:

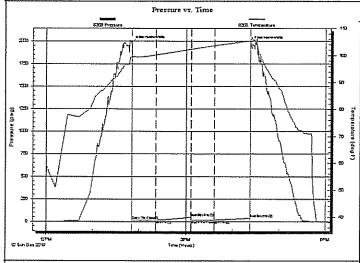
2010.12.12 2010.12.12 @ 13:50:15

Time Off Blm:

2010.12.12 @ 16:23:00

TEST COMMENT: IF:Weak surface blow

IS:No return blow FF:Weak surface blow FS:No return blow



		Р	RESSUF	RE SUMMARY
Time	!	Pressure	Temp	Annotation
(Min.	)	(psig)	(deg F)	
	0	1981.56	99.34	Initial Hydro-static
	1	16.01	98.68	Open To Flow (1)
	32	17.24	100.17	Shut-In(1)
	76	49.21	102.32	End Shut-In(1)
	77	16.81	102.34	Open To Flow (2)
1	06	17.70	103.63	Shut-In(2)
1	53	36.62	105.37	End Shut-In(2)
1	53	1974.22	105.78	Final Hydro-static
Ì				

# Recovery Length (fl) Description Volume (bbl) 5.00 mwith oil spots 0.02

 Gas Ra	tes	
Choke (inches)	Pressure (psig)	Gas Rate (Md/d)



**FLUID SUMMARY** 

Lario Oil & Gas Company

Welch 1-14

ft

bbl

psig

301 S Market St. Wichita Ks 67202

Job Ticket: 040607

14-14-32 Logan Co.KS

ATTN: Tim Lauer

Test Start: 2010.12.12 @ 12:00:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Viscosity:

Water Loss:

Resistivity:

Salinity:

59.00 sec/qt 10.38 in³ 0.00 ohm.m 4400.00 ppm

9.00 lb/gal

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

0 deg API

0 ppm

Recovery Information

Recovery Table

Length Description Volume ft bbl mwith oil spots 5.00 0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Laboratory Name:

Recovery Comments:

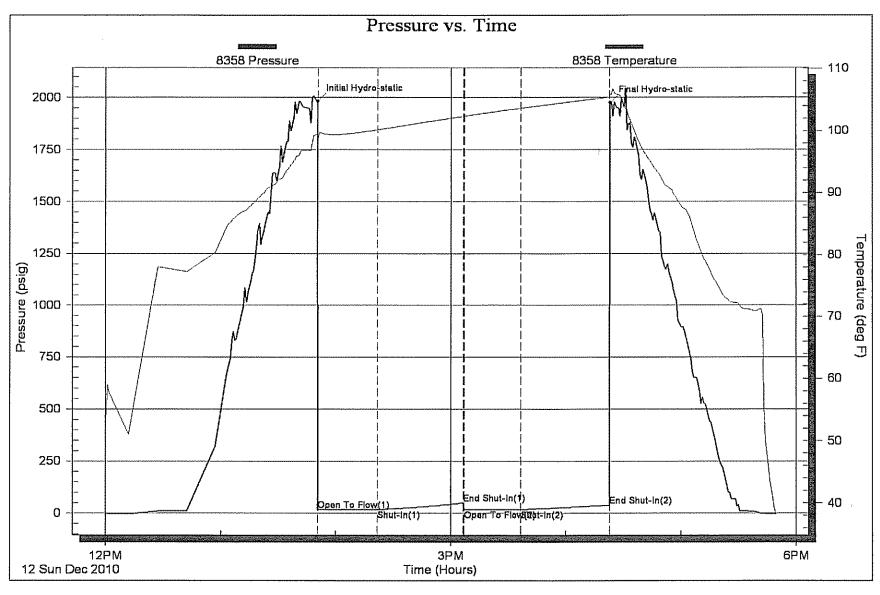
Num Gas Bombs: Laboratory Location: Serial #:

William Alexander

Printed: 2010.12.13 @ 19:32:42 Page 2

Trilobite Testing, Inc

Ref. No: 040607





Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202

ATTN: Tim Lauer

14-14-32 Logan Co.KS

Job Ticket: 040608

DST#:6

Test Start: 2010.12.14 @ 01:10:15

#### **GENERAL INFORMATION:**

Time Tool Opened: 03:16:45

Time Test Ended: 08:56:15

Formation:

**CK Lime** 

Deviated:

Interval:

Total Depth:

Hole Diameter:

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole

Tester:

Mike Roberts

Unit No:

48

KB to GR/CF:

Reference Bevations:

2806.00 ft (KB)

2801.00 ft (CF)

4343.00 ft (KB) To 4405.00 ft (KB) (TVD) 3860.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

5.00 ft

Serial #: 8358

Press@RunDepth:

Outside

110.06 psig @

4382.00 ft (KB)

2010.12.14

Capacity:

8000.00 psig

Start Date: Start Time:

2010.12.14 01:10:15 End Date: End Time:

08:56:15

Last Calib.: Time On Blm

2010.12.14

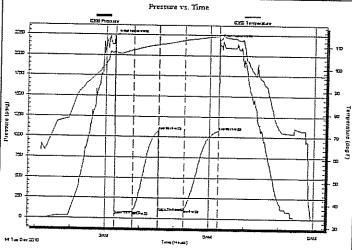
Time Off Btm:

2010.12.14 @ 03:16:30 2010.12.14 @ 06:16:30

TEST COMMENT: IF:BOB in 25 min

IS:Weak surface return blow

FF:BOB in 16 min FS:1/8" return blow



		P	RESSUF	RE SUMMARY	7
	Time	Pressure	Temp	Annotation	7
	(Min.)	(psig)	(deg F)		I
	0	2221.39	107.64	Initial Hydro-static	
	1	39.99	106.69	Open To Flow (1)	
	32	83.75	108.14	l	Í
_	75	1077.05	110.64	End Shut-In(1)	
	76	82.75	110.47	Ореп To Flow (2)	
Terrustatura (den	120	110.06	112.62	Shut-In(2)	ĺ
den	180	1077.00	114.50	End Shut-In(2)	1
ا ت	180	2181.69	115.11	• •	
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#### Recovery

Length (ft)	Description	Valume (bbt)
0.00	GIP= 340 feet	0.00
30.00	gcom 10%g 30%o 60% m	0.15
62.00	gco 40%g 60%o	0.30
123.00	mcgo 10%m 10%g 80%o	1.44

Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mct/d)

Trilobite Testing, Inc.

Ref. No: 040608

Printed: 2010.12.15 @ 10:06:49 Page 1



**FLUID SUMMARY** 

Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202

14-14-32 Logan Co.KS

Job Ticket: 040608

DST#:6

ATTN: Tim Lauer

Test Start: 2010.12.14 @ 01:10:15

Oîl API:

Water Salinity:

#### Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 59.00 sec/qt

Water Loss: 11.17 in³

Resistivity: 0.00 ohm.m

1.00 inches

0.00 ohmm 4400.00 ppm Cushion Type: Cushion Length: Cushion Volume:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure: psig

ft

bbl

150 C 60 FGP

0 deg API

0 ppm

#### **Recovery Information**

Salinity:

Filter Cake:

#### Recovery Table

Lengtl ft	h dia SAC	3844 	Description	(124) 15 (15) (147). (	Volume bbl	1890 (1911) 1910 (1911)
	:0.00	GIP=3	340 feet	****	0.000	1111
	30.00	gcom	10%g 30%o 60% m		0.148	
	62.00	gco 4	0%g 60%o		0.305	
1	123.00	mcgo	10%m 10%g 80%o		1.443	n, a star
				14		THE HOLEY'S

Total Length:

215.00 ft

Total Volume:

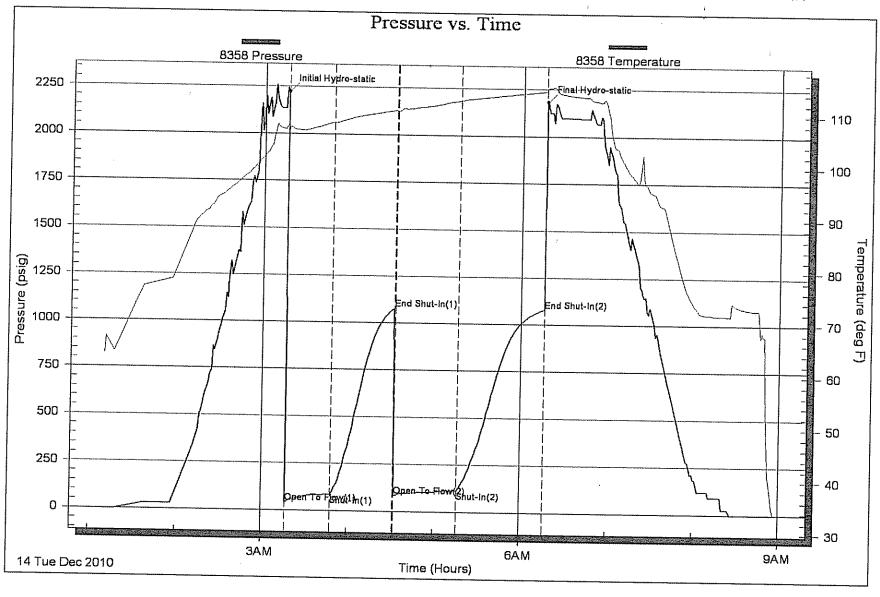
1.896 bbl

Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs: 0 Laboratory Location: Serial #:

Recovery Comments:

English Care Congress State on Care F





Lario Oil & Gas Company

301 S Market St.

Wichita Ks 67202

ATTN: Tim Lauer

Welch 1-14

14-14-32 Logan Co.KS

Job Ticket: 040609

DST#:7

Test Start: 2010.12.14 @ 20:24:15

#### GENERAL INFORMATION:

Time Tool Opened: 22:21:45

Time Test Ended: 03:19:15

Formation:

Morrow

Deviated:

Whipstock No

ft (KB)

Tester.

Test Type: Conventional Bottom Hole

Mike Roberts 48

Unit No:

Reference Bevations:

2806.00 ft (KB)

2801.00 ft (CF)

KB to GR/CF:

5.00 ft

Interval: Total Depth: 4408.00 ft (KB) To 4440.00 ft (KB) (TVD)

4440.00 ft (KB) (TVD)

Hole Diameter:

Serial #: 8358

Press@RunDepth:

7.88 inches Hole Condition: Fair

Outside

58.30 psig @

4409.00 ft (KB)

2010.12.15

Capacity:

8000.00 psig

Start Date: Start Time:

2010.12.14 20:24:15

End Date: End Time:

03:19:15

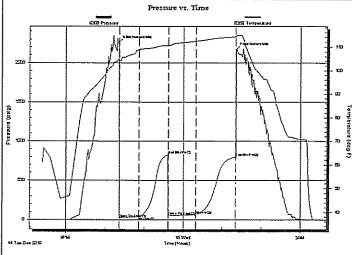
Last Calib.: Time On Btm: 2010.12.15

Time Off Btm:

2010.12.14 @ 22:21:30 2010.12.15 @ 01:21:00

TEST COMMENT: IF:Built to 1" blow

IS:No return blow FF:Built to 2 1/2" blow FS:No return blow



		F!	ベニシシひに	KE SUMMARY
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2255.02	104.70	Initial Hydro-static
	1	20.83	103.72	Open To Flow (1)
	31	39.65	108.92	Shut-In(1)
7	75	827.36	110.56	End Shut-In(1)
417	76	46.87	110.52	Open To Flow (2)
ì	118	58.30	112.38	Shut-In(2)
1	179	800.23	114.19	End Shut-In(2)
7	180	2168.49	114.65	Final Hydro-static
				The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s
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#### Recovery

Length (fil)	Description	Valume (bbl)
0.00	GIP= 62 feet	0.00
62.00	ocgm 5%o 30%g 65%m	0.30
62.00	mcgo 10%m 20%g 70% o	0.31

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



**FLUID SUMMARY** 

Lario Oil & Gas Company

Welch 1-14

301 S Market St. Wichita Ks 67202

14-14-32 Logan Co.KS Job Ticket: 040609

DST#:7

ATTN: Tim Lauer

Test Start: 2010.12.14 @ 20:24:15

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Viscosity:

Water Loss:

Resistivity: Salinity:

Filter Cake:

0.00 ohm.m 5500.00 ppm 1.00 inches

9.57 in³

9.00 lb/gal

54.00 sec/qt

Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

Oil API: Water Salinity:

0 deg API 0 ppm

psig

ft

bbl

Recovery Information

Recovery Table

Length ft	Description	+ 11 1 1	Volume bbl
0.00	GIP= 62 feet		0.000
62.00	ocgm 5%o 30%g 65%m		0.305
62.00	mcgo 10%m 20%g 70% o		0.314

Total Length:

124.00 ft

Total Volume:

0.619 bbl

Num Fluid Samples: 0

Laboratory Name:

Recovery Comments:

Num Gas Bombs:

Laboratory Location:

Serial#:

Trilobite Testing, Inc

Ref. No: 040609

Printed: 2010.12.16 @ 09:04:40 Page 2

Serial #: 8358

Outside Lario Oil & Gas Company

14-14-32 Logan Co.KS

DST Test Number: 7

