

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1070049

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:			Sec	TwpS. R	East West
Address 2:			F6	eet 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:		
_ _			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 II III Approved by: Date:						

Page Two



Operator Name:			Lease Name: _			Well #:		
Sec Twp	S. R	East West	County:					
open and closed, flow and flow rates if gas t	ving and shut-in presson to surface test, along w	formations penetrated. I ures, whether shut-in pro vith final chart(s). Attach	essure reached stati n extra sheet if more	c level, hydrosta space is neede	itic pressures, bott d.	tom hole tempe	erature, fluid r	recovery,
		otain Geophysical Data a or newer AND an image		egs must be ema	ailed to kcc-well-lo	gs@kcc.ks.gov	n. Digital elec	tronic log
Drill Stem Tests Taken (Attach Additional	•	Yes No		_	on (Top), Depth ar		Samp	
Samples Sent to Geo	ological Survey	☐ Yes ☐ No	Nam	e		Тор	Datur	m
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No						
List All E. Logs Run:								
		CASING	RECORD Ne	ew Used				
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, etc.			
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and P Additiv	
		ADDITIONAL	OFMENTING / OOL					
Purpose:	Depth		CEMENTING / SQL	JEEZE RECORD		araant Additiraa		
Perforate	Top Bottom	Type of Cement	# Sacks Used		Type and F	ercent Additives		
Protect Casing Plug Back TD								
Plug Off Zone								
Did vou perform a hydra	ulic fracturing treatment o	on this well?		Yes	No (If No, ski	p questions 2 ar	nd 3)	
	=	raulic fracturing treatment ex	xceed 350,000 gallons		= ' '	p question 3)	,	
Was the hydraulic fractu	ring treatment information	n submitted to the chemical	disclosure registry?	Yes	No (If No, fill	out Page Three	of the ACO-1)	
Shots Per Foot		ON RECORD - Bridge Plug Footage of Each Interval Per			cture, Shot, Cement			Depth
	Сроспу Г	octago of Laon morvar i or	ioratou	(>1	mount and rand or ma	teriar Good)		Борит
TUBING RECORD:	Size:	Set At:	Packer At:	Liner Run:	Yes No			
Date of First, Resumed	Production, SWD or EN							
Fotimeted Day 1 2	0" -	Flowing			Other (Explain)) O" D "		
Estimated Production Per 24 Hours	Oil E	Bbls. Gas	Mcf Wate	er B	bls. G	Gas-Oil Ratio	Gr 	ravity
DISPOSITI	ON OF GAS:	1	METHOD OF COMPLE	ETION:		PRODUCTIO	ON INTERVAL:	
Vented Sold		Open Hole	Perf. Dually	Comp. Con	mmingled			
	bmit ACO-18.)	Other (Specify)	(Submit)	ACO-5) (Sub	omit ACO-4)			

Form	ACO1 - Well Completion			
Operator	Lario Oil & Gas Company			
Well Name	Stephens 1-5			
Doc ID	1070049			

All Electric Logs Run

CDL/CNL/PE	
DIL	
SONIC	
MEL	

Form	ACO1 - Well Completion			
Operator	Lario Oil & Gas Company			
Well Name	Stephens 1-5			
Doc ID	1070049			

Tops

Name	Тор	Datum
Heebner	3891	-921
Lansing	3930	-960
Stark Shale	4211	-1241
Hushpuckney	4251	-1281
Base KC	4317	-1347
Marmaton	4342	-1372
Pawnee	4428	-1458
Ft. Scott	4450	-1480
Cherokee Sh	4464	-1494
Johnson	4529	-1559
Morrow	4552	-1582
Mississippian	4558	-1588
Spergen	4600	-1630

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/

Sam Brownback, Governor

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

March 14, 2012

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

Re: ACO1 API 15-171-20854-00-00 Stephens 1-5 SE/4 Sec.05-19S-31W Scott 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

CONSOLIDATED Oil Well Services, LLC

REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 MAIN OFFICE P.O. Box 884 Chanute, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

Houston, TX 77210-4346 246588 Invoice # INVOICE Page Terms: 15/15/30,n/30 12/19/2011 Invoice Date: STEPHENS #1-5 LARIO OIL & GAS 33765 301 S. MARKET ST. 5-19S-31W WICHITA KS 67202 12-17-2011 (316) 265-5611 KS Qty Unit Price Total Description Part Number 5692.20 21.4800 265.00 OIL WELL CEMENT 1126 5381.25 375.00 14.3500 60/40 POZ MIX 1131 .2400 619.20 2580.00 PREMIUM GEL / BENTONITE 1118B .5300 702.25 1325.00 KOL SEAL (50# BAG) 1110A 2.6600 250.04 94.00 FLO-SEAL (25#) 1107 500.00 1.0000 500.00 MUD FLUSH (SALE) 1144G 413.00 413.0000 1.00 FLOAT SHOE AFU 5 1/2" 4159 696.00 58.0000 12.00 CENTRALIZER 5 1/2" 4130 276.00 276,0000 CEMENT BASKET 2" 1.00 4101 567.00 567.0000 1.00 5 1/2" LATCH DOWN PLUG 4454 AFÉ 11-337 4700.00 1.00 4700.0000 DV TOOL SIZE 5 1/2" (STA 4277 Total Description Sublet Performed -2969.54 CASH DISCOUNT 9999-130 -728.46 CASH DISCOUNT 9999-130 al Total Hours Unit Price ye Description 2850.00 2850.00 1.00 SINGLE PUMP 399 1806.40 1143.29 1.58 TON MILEAGE DELIVERY 528 200.00 40.00 5.00 EQUIPMENT MILEAGE (ONE WAY) 566 DEC Amount Due 26296.48 if paid after 01/18/2012 1396.67 AR .00 Tax: 19796.94 Freight: Parts: 22352.01 .00 Total: .00 Misc: Labor: .00 Change: -3698.00 Supplies: Sublt: __

Date Signed THAYER, KS GILLETTE, WY OTTAWA, KS 785/242-4044 PONCA CITY, OK OAKLEY, KS EUREKA, KS EL DORADO, KS BARTLESVILLE, OK 620/839-5269 307/686-4914 580/762-2303 785/672-2227 620/583-7664 918/33B-080B 316/322-7022

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CONSOLIDATED

On Well Service PARTE FIELD

TICKET NUMBER

LOCATION Oakley

FOREMAN Kelly 69bel
ORT Walt Dinke

FIFI BLICKET & TREATMENT REPORT

020-401-0210	or 800-467-8676	FIE		CEMEN	T			
DATE	CUSTOMER#		L NAME & NUM		SECTION	TOWNSHIP	RANGE	COUNTY
12-17-11	4243	54Cp7)	ene#1.	-5	-55	195	3100	
CUSTOMER	. 1	•		500++016	Processors and administrative second statistics for the			<u>Scot+</u>
•	Lario	01106	95	E +0 (905		DRIVER	TRUCK#	DRIVER
MAILING ADDR	ESS			Ra	399	CodyR		
				4/25	566	Derricke	>	
CITY		STATE	ZIP CODE	10 tw 10	528AT127	Wes F		
OB TYPE 101	1- Prod	HOLE SIZE	714	HOLE DEPTH	47001	CASING SIZE & \	NEIGHT 5/2	KI I
ASING DEPTH	4654	DRILL PIPE		_TUBING			OTHER	
LURRY WEIGH	11147-118	SLURRY VOL	45-2.3	WATER gal/s	k 6.9-12.3	CEMENT LEFT in	CASING 21	
ISPLACEMEN		DISPLACEMEN				RATE 666		
EMARKS:	Hety me	0 N 5 + 9 +	heppis	up an				12 6 um
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ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PRO	DUCT	UNIT PRICE	TOTAL
5401C	1		PUMP CHARG	E			28500	2850°
5406	40	<u>00</u>	MILEAGE				5 <u>00</u>	20000
1126		ひとら	വധവ					
							2148	569239
1131	375	54<		Paz.			2148	569232
54070	375;		60140		19911 (lat		14/35	539125
5407A	28.	58	50140 Ton M	ilegged	elivery		14/35	569232 539125 1806.49
5407A 1118B	38.	50	50140 Ton M Bento	ilegged nite	elivery		14/35	5693.32 538125 1806.40 619.20
5407A 1118B 1110A	28. 258 132	50 10#	50140 Ton M Bento Kol-s	ilegged nite eal	deli very		14/35	569339 538125 1806 40 61930 70225
5407A 1118B	28. 258 132	50	50140 Ton M Bento Kol-s Flo-sec	ilegged nite real	elivery		14/35	569232 538125 1806 40 61920 70225 25004
5407A 1118B 1110A	28. 258 132	56 0# 05#	50140 Ton M Bento Kol-s Flo-sec	ilegged nite eal	elivery		14/35	569339 538125 1806 40 9/9 20 70225 25004 50000
5407A 1118 B 1110 A 1107 1144 G	28. 258 132 94	56 0# 05#	Flo-sec	isegged nite real usn			14/35	569239 539125 1806 45 1920 70223 2500 5000 4130
5407A 1118B 1110A 1107 11446 4159	28. 258 132 94	56 0# 05#	Flo-sec mud F	ilegged nite leg lus n lost sh	pelivery		14/35	569239 539125 1806 45 1919 20 702 23 25000 50000 41300
5407A 1118B 1110 A 1107 1144 G 4159 4130	38. 258 132 97 500g	56 0# 05#	50140 Ton M Benton Kol-s Flo-sec mud F AFU F 51/2 Ce	ilegged nite reg lush lush			14/35 158 124 153 266 14/130 580 200 200 200 200 200 200 200 2	569329 538129 1806 40 1920 70225 25009 41300 41300 49600 27600
5407A 1118B 1110A 1107 11446 4159 41130	38. 258 132 97 500g	56 0# 05#	FON M Bento Kol-s Flo-sec Mud F AFU F 5/2 Ce 5/2 bos	isegged nite real lush lush short sh	oe 5½	w	14/35 156 124 153 266 24/30 580 2760 2760 5670 5700 570	56932 539125 1806 40 1920 70225 2500 4130 4130 2760 2760 567
5407A 1118B 1110A 1107	38. 258 132 97 500g	56 0# 05#	FON M Bento Kol-s Flo-sec Mud F AFU F 5/2 Ce 5/2 bos	ilegged nite reg lush lush tost sh nt, tet		(L)	14/35 156 124 153 266 24/30 580 2760 2760 5670 5700 570	569739 539125 1806 40 61920 70225 25004 50000 41300 69680
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5407A 1118B 11107 11446 4159 41130 41101	38. 258 132 97 500g	56 0# 05#	FON M Benton Kol-s Flo-sec Myd F AFU F 5/2 Ce 5/2 Jas 5/2 10	ilegged nite reg lush lush tost sh nt. tet	oe 5½	(L)	14/35 158 124 153 266 280 4/1/300 5800 27600 47000 47000	569329 538125 1806 40 1920 70223 25009 41309 41309 42009
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5407A 1118B 1110A 1107 11446 4159 4130 4101	38. 258 132 97 500g	56 0# 05#	50140 Ton M Bento Kol-s Flo-sec Mud F AFU F 51/2 Ce 51/2 los 51/2 los 51/2 O	ilegged nite real lush lost sh nt. sket l tchdow v Tool	oe 5½	(L)	14/35 158 124 153 266 266 276 276 276 276 276 276	5692 53912 1806 40 1902 70225 2500 41300 41300 41300 41300 4200 3698
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REMIT TO

Consolidated Oil Well Services, LLC Dept. 970 P.O. Box 4346 Houston, TX 77210-4346

MAIN OFFICE P.O. Box 884 Chanule, KS 66720 620/431-9210 • 1-800/467-8676 Fax 620/431-0012

246320 Invoice # INVOICE Page Terms: 15/15/30,n/30 12/09/2011 Invoice Date: _ _ _ _ _ _ _ _ _ STEPHENS 1-5 LARIO OIL & GAS 33711 301 S. MARKET ST. 5-19-31 WICHITA KS 67202 12-7-2011 (316) 265-5611 KS Qty Unit Price Total Description Part Number 16.8000 4368.00 CLASS "A" CEMENT (SALE) 260.00 1104S 592.20 .8400 705.00 CALCIUM CHLORIDE (50#) 1102 .2400 112.80 470.00 PREMIUM GEL / BENTONITE 1118B 96.00 96.0000 1.00 8 5/8" WOODEN PLUG 4432 Total Description Sublet Performed -775.35 CASH DISCOUNT 9999-130 -299.43

Description

9999-130

EQUIPMENT MILEAGE (ONE WAY) 439

CEMENT PUMP (SURFACE) 463

TON MILEAGE DELIVERY 528

Hours Unit Price 40.00 1.00 488.10

Amount Due 7594.22 if paid after 01/08/2012

364.67 AR .00 Tax: 5169.00 Freight: Parts: 6455.09 .00 Total: .00 Misc: Labor: .00 .00 Change: -1074.78 Supplies: Sublt:

Date Signed

CASH DISCOUNT

Total

200.00

771.20

1025.00

5.00

1.58

1025.00





TICKET NUMBER 33711

LOCATION OR LIEV

FOREMAN KOLLY 6960

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

FIELD TICKET & TREATMENT REPORT

620-431-9210(or 800-467-8676			CEMEN	<u>T</u>			<u>. Ks </u>
DATE	CUSTOMER#	WELI	. NAME & NUME	BER	SECTION	TOWNSHIP	RANGE	COUNTY
12-7-11	41793	5TEPH	ens 1-5		5	19	31	2001+
CUSTOMER 4	ario 0:			500+7CH	TRUCK#		TRUCK#	DRIVER
MAILING ADDRE	<u>urio a</u>	14699	Σ	E to 1905	TRUCK#	PINIVEIN	TROCK#	DRIVER
NO NEINO / IDD/ (I				Rd 45	439	Josh G		
CITY		STATE	ZIP CODE	Winto		Derrick G Wes F		
017 1		2			52847 (27	wes		
JOB TYPE 5	urface	HOLE SIZE	2 1/4	J HOLE DEPTH	1379	CASING SIZE & W	EIGHT 85	8 24#
CASING DEPTH		DRILL PIPE		_			OTHER	
SLURRY WEIGH	IT 148	SLURRY VOL_				CEMENT LEFT in	CASING 20	
DISPLACEMENT	r 22 1/2	DISPLACEMEN	T PSI	MIX PSI		RATE		
REMARKS: 5	olety N	leeting	2 P/89	red uf	on wa	111/96 w	na Ria	#3,
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ACCOUNT CODE	QUANITY	or UNITS	DE	SCRIPTION of	SERVICES or PR	орист	UNIT PRICE	TOTAL
54015	Λ		PUMP CHARG	E			10259	
5406	40		MILEAGE				599	20000
11045	2h0.	SK5	C/95	SAC	ement		16 80	436800
5407A	12.	2	Ton M	Hegge	delive	ry	1 28	77/20
1102	701	5#-			ploride		,84	59280
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AUTHORIZTION	- 2000	<u>~~~</u>		TITLE			DATE <u>/<i>と</i>、フ、</u>	1/

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.



Lario Oil & Gas

5-19s-31w

301 S Market St Wichita KS 67202 Stephens #1-5

Job Ticket: 44979

DST#: 2

ATTN: Brad Rine

Test Start: 2011.12.13 @ 14:43:00

GENERAL INFORMATION:

Formation:

Marmaton "A"

Deviated:

Interval:

Whipstock

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Will MacLean

Unit No:

55

Time Tool Opened: 16:39:45

Time Test Ended: 23:31:15

4306.00 ft (KB) To 4350.00 ft (KB) (TVD)

Reference Elevations:

2970.00 ft (KB)

4350.00 ft (KB) (TVD)

2965.00 ft (CF)

Total Depth: Hole Diameter:

7.88 inchesHole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 6771

Press@RunDepth:

Outside

358.73 psig @ 4307.00 ft (KB)

Capacity: Last Calib.: 8000.00 psig

Start Date:

2011.12.13

End Date:

2011.12.13 23:31:15

Time On Blm:

2011.12.14

Start Time:

14:43:00

End Time:

Time Off Btm:

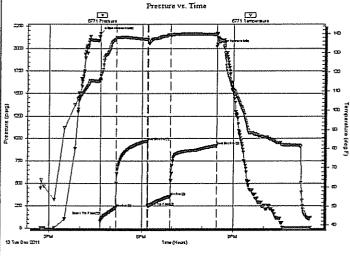
2011.12.13 @ 16:39:30 2011.12.13 @ 20:27:45

TEST COMMENT: IF-BOB in 3min

ISI- Surface Blow Built to 5 1/4" Died Back to 2 3/4"

FF- BOB in 7min

FSI- Weak Surface Blow Built to 1 1/2" Died in 32min



	PRESSURE SUMMARY									
	Time	Pressure	Temp	Annotation						
0	(Min.)	(psig)	(deg F)							
0	0	2165.83	116.23	Initial Hydro-static						
0	1	76.39	115.47	Open To Flow (1)						
3	31	227.89	137.06	Shut-in(1)						
	92	972.15	136.90	End Shut-In(1)						
a chura	93	245.02	135.84	Open To Flow (2)						
raturo	138	358.73	139.40	Shut-In(2)						
Temparatura (deg F)	228	919.94	139.60	End Shut-In(2)						
J	229	2020.72	140.31	Final Hydro-static						
				<u> </u>						
				4						

Recovery

Length (fl)	Description	Volume (bbl)
144.00	GO 5%g 95%oil	0.90
186.00	GOWCM 10%g 10%oil 20%w 60%m	2.61
248.00	MGCO 15%m 30%g 55%oil	3.48
310.00	MGCO 15%m 20%g 65%oil	4.35
0.00	1962' of GIP	0.00
* Recovery from n	ruilipie tests	

Gas	Rates

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

Trilobite Testing, Inc.

Ref. No: 44979

Printed: 2011.12.14 @ 10:14:24



FLUID SUMMARY

Lario Oil & Gas

5-19s-31w

301 S Market St Wichita KS 67202 Stephens #1-5 Job Ticket: 44979

DST#: 2

ATTN: Brad Rine

Test Start: 2011.12.13 @ 14:43:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil APt:

35 deg API

Mud Weight:

58.00 sec/qt

Cushion Length:

Water Salinity:

Viscosity:

6,40 in³

Cushion Volume:

23000 ppm

Water Loss: Resistivity:

ohmm

Gas Cushion Type: Gas Cushion Pressure:

psig

ft

bbl

Salinity: Filter Cake: 2800.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
144.00	GO 5%g 95%oil	0.899
186.00	GOWCM 10%g 10%oil 20%w 60%m	2.609
248.00	MGCO 15%m 30%g 55%oil	3.479
310.00	MGCO 15%m 20%g 65%oil	4.348
0.00	1962' of GIP	0.000

Total Length:

888.00 ft

Total Volume:

11.335 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

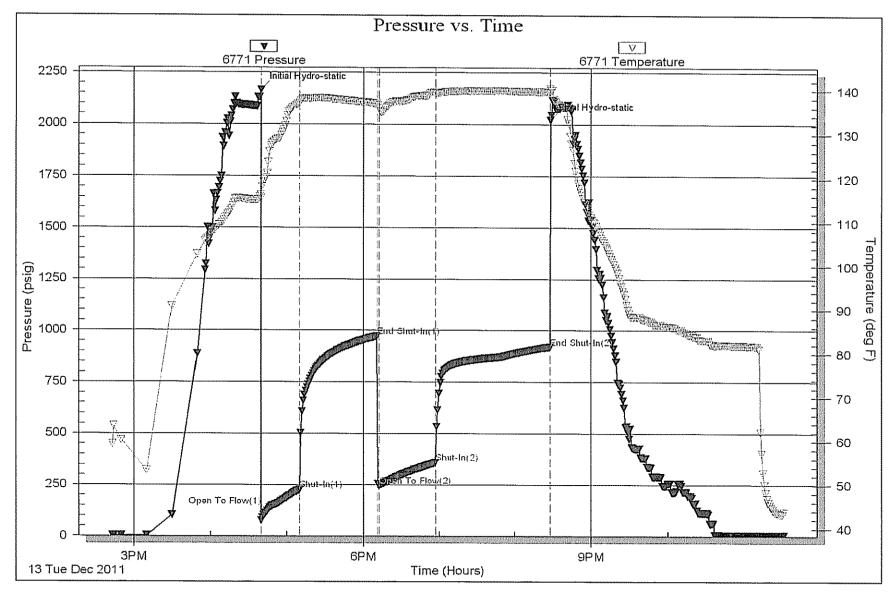
Laboratory Name:

Laboratory Location:

Recovery Comments: API is 35 @ 60f = 35

RW is .437 @ 51f = 23000

Ref. No: 44979





Lario Oil & Gas

301 S Market St Wichita KS 67202

ATTN: Brad Rine

5-19s-31w Scott, Ks

Stephens # 1-5

Job Ticket: 44980

DST#: 3

Test Start: 2011.12.14 @ 09:35:00

GENERAL INFORMATION:

Formation:

Marmaton "B"

Deviated:

No Wnipstock: 0.00 ft (KB)

Time Tool Opened: 11:23:00 Time Test Ended: 15:55:00

Interval:

4363.00 ft (KB) To 4394.00 ft (KB) (TVD)

Total Depth:

4394.00 ft (KB) (TVD)

Outside

Hole Diameter:

Start Date:

Start Time:

7.88 inches Hole Condition: Good

Test Type: Conventional Bottom Hole (Reset)

Tester:

Will MacLean

Unit No: 55

2970.00 ft (KB)

Reference Elevations:

2965.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6771

Press@RunDepth:

27.03 psig @

4364.00 ft (KB)

2011.12.14 Last Calib.:

Capacity:

8000.00 psig

2011.12.14

2011.12.14 09:35:00

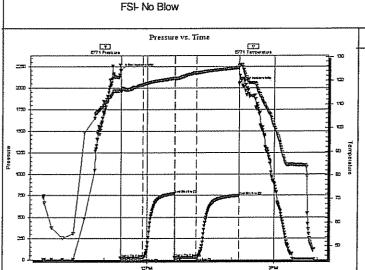
End Date: End Time:

15:55:00

Time On Blm: Time Off Blm: 2011.12.14 @ 11:22:45 2011.12.14 @ 14:10:15

TEST COMMENT: IF- Weak Surface Blow

ISI- No Blow FF- No Blow



PRESSURE SUMMARY

Time	Pressure	Temp	Annotation
		•	Aimidiadoir
(Min.)	(psig)	(deg F)	
0	2206.11	115.94	Initial Hydro-static
1	19.32	115.36	Open To Flow (1)
31	22.44	117.97	Shut-In(1)
76	770.12	120.85	End Shut-In(1)
77	24.62	120.60	Open To Flow (2)
107	27.03	123.06	Shut-In(2)
168	747.20	125.40	End Shut-In(2)
168	2048.71	126.04	Final Hydro-static
1			

Recovery

	Length (ft)	Description	Volume (bbl)
	10.00	100%m with Few Oil Spots	0.05
;			
	* Recovery from m	ultiple lests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 44980

Printed: 2011.12.16 @ 08:40:06



FLUID SUMMARY

deg API

ppm -

Lario Oil & Gas

301 S Market St

Wichita KS 67202

ATTN: Brad Rine

5-19s-31w Scott, Ks

Stephens # 1-5

Job Ticket: 44980

Serial #:

DST#: 3

Test Start: 2011.12.14 @ 09:35:00

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal 59.00 sec/qt

Viscosity: Water Loss:

Mud Weight:

Resistivity:

Salinity: Filter Cake:

7.94 in³ onm.m

3400.00 ppm 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume . bbl
10.00	100%m with Few Oil Spots	0.049

Total Length:

10.00 ft

Total Volume:

0.049 bbl

Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs:

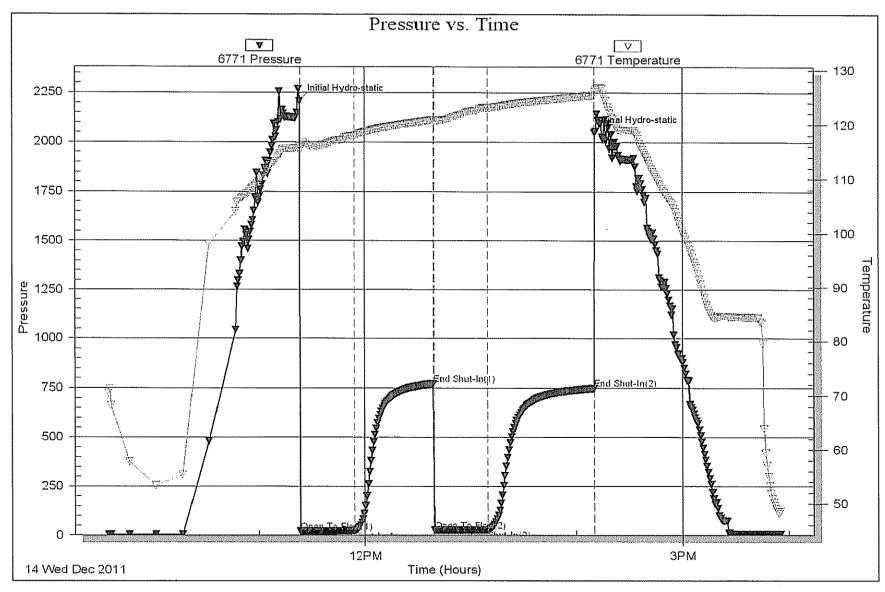
Laboratory Location:

Recovery Comments:

Trilobite Testing, Inc

Ref. No: 44980

Printed: 2011.12.16 @ 08:40:07





Lario Oil & Gas

5-19s-31w Scott, Ks

301 S Market St Wichita KS 67202 Stephens # 1-5 Job Ticket: 44933

DST#: 4

ATTN: Brad Rine

Test Start: 2011.12.15 @ 04:47:24

GENERAL INFORMATION:

Formation:

Pawnee, Pt Scott, Upp

Deviated:

Interval:

No

Whipstock

0.00 ft (KB)

Time Tool Opened: 07:02:24

Time Test Ended: 11:55:24

4415.00 ft (KB) To 4486.00 ft (KB) (TVD)

Total Depth:

4486.00 ft (KB) (TVD)

Hole Diameter:

Start Date:

Start Time:

7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester:

Shane McBride

Unit No:

Reference Bevations:

2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6667

Press@RunDepth:

2011.12.15

04:47:24

Inside

4416.00 ft (KB) 23.07 psig @

End Date:

End Time:

2011.12.15 11:33:24

Capacity: Last Calib.: 8000.00 psig

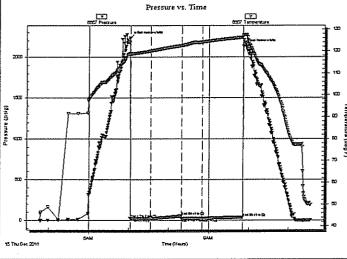
2011.12.15 2011.12.15 @ 07:02:09

Time On Btm: Time Off Blm:

2011.12.15 @ 09:51:54

TEST COMMENT: Weak 1/2"in blow died back to a surface blow

No return No blow No return



		Pi	RESSUF	RE SUMMARY
•	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2236.98	118,84	Initial Hydro-static
	1	23.24	118.40	Open To Flow (1)
	31	22.34	119.99	Shut-In(1)
4	77	51.24	122.50	End Shut-In(1)
Temperalura (deg F)	78	24.91	122.49	Open To Flow (2)
rakura	108	23.07	124.10	Shut-In(2)
(± 0	169	36.17	126.39	End Shut-In(2)
J	170	2133.25	127.42	Final Hydro-static

Recovery

Length (fl)	Description	Valume (bbl)
5.00	mud 100%m	0.02

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 44933

Printed: 2011.12.16 @ 08:39:08



FLUID SUMMARY

Lario Oil & Gas

5-19s-31w Scott, Ks

301 S Market St Wichita KS 67202

Stephens #1-5 Job Ticket: 44933

ft

ldd

psig

DST#:4

ATTN: Brad Rine

Test Start: 2011.12.15 @ 04:47:24

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight:

Recovery Information

Viscosity:

Water Loss:

Resistivity: Salinity:

9,00 lb/gal 57.00 sec/qt 9.57 in³

0.00 ohm.m

3000.00 ppm

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

0 deg API

Water Salinity:

0 ppm

Filter Cake:

1.00 inches

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length:

5.00 ft

Total Volume:

0.025 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Laboratory Name: Recovery Comments: Laboratory Location:

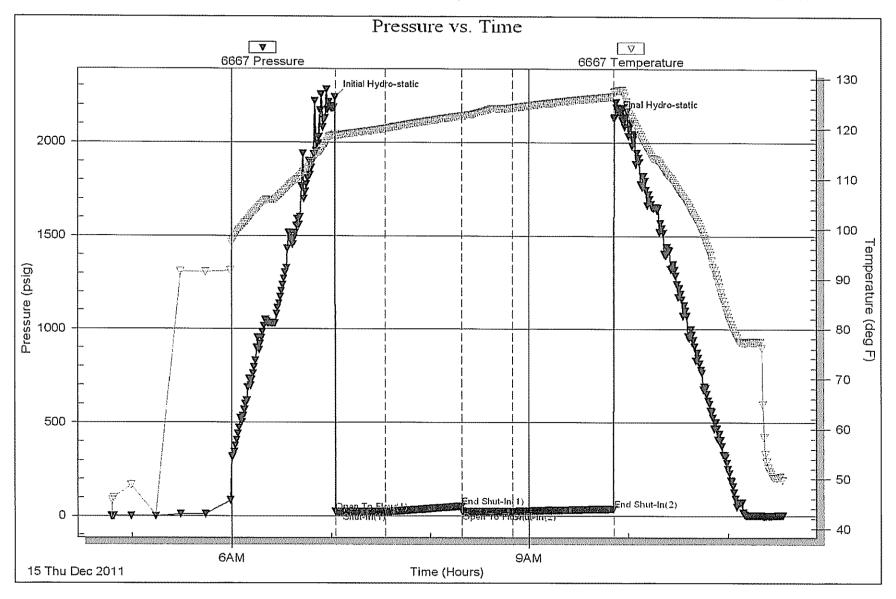
Printed: 2011.12.16 @ 08:39:09

Serial #:

Lario Oil & Gas

Stephens # 1-5

DST Test Number: 4





Lario Oil & Gas

301 S Market St Wichita KS 67202

ATTN: Brad Rine

5-19s-31w Scott, Ks

Stephens #1-5

Job Ticket: 44934

DST#:5

Test Start: 2011.12.16 @ 03:46:01

GENERAL INFORMATION:

Formation:

Miss, Spergen

Deviated:

No Whipstock: 0.00 ft (KB)

Time Tool Opened: 06:06:46 Time Test Ended: 12:45:16

Interval:

4598.00 ft (KB) To 4610.00 ft (KB) (TVD)

Total Depth:

4610.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Fair

Test Type: Conventional Bottom Hole (Reset)

Tester:

Shane McBride

Unit No: 55

Reference Elevations:

2970.00 ft (KB)

2965.00 ft (CF)

KB to GR/CF:

5.00 ft

Serial #: 6667

Press@RunDepth:

132.46 psig @

Inside

4599.00 ft (KB)

Capacity: Last Calib.: 2011.12.16

8000.00 psig

Start Date: Start Time: 2011.12.16 03:46:01 End Date: End Time:

12:26:16

Time On Btm:

2011.12.16

Time Off Btm:

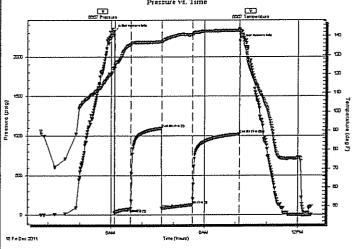
2011.12.16 @ 06:06:31 2011.12.16 @ 10:08:16

TEST COMMENT: 9 1/2 "in blow

Surface return in 6 min. died in 30 min.

B.O.B. in 55 min.

Return blow in 4 min. built to 1 3/4"in, died in 65 min.



		P	RESSUF	RE SUMMARY
•	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2320.98	123.44	Initial Hydro-static
	1	25.12	122.96	Open To Flow (1)
	31	78.25	135.40	Shut-In(1)
	91	1098,19	137.03	End Shut-In(1)
a de	91	88.84	136.79	Open To Flow (2)
T T	151	132,46	140.80	Shut-In(2)
Temperature (deg F)	242	1023.06	142.96	End Shut-In(2)
Ü	242	2192.37	143.67	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
60.00	g o & m c w 10g 5o 25m 60w	0.30
70.00	g o & w c m 10g 10o 35w 45m	0.41
130.00	c g o 15 g 85o	1.82
0.00	460' gas in pipe	0.00
* Recovery from n	nutiple tests	,

Gas Rates

	Choke (inches)	Pressure (pslg)	Gas Rate (Mct/d)
--	----------------	-----------------	------------------

Trilobite Testing, Inc.

Ref. No: 44934

Printed: 2011.12.16 @ 13:40:28



FLUID SUMMARY

Lario Oil & Gas

5-19s-31w Scott, Ks

301 S Market St Wichita KS 67202 Stephens # 1-5 Job Ticket: 44934

γ.Ψ.ς

33 deg API

20000 ppm

ATTN: Brad Rine

Test Start: 2011.12.16 @ 03:46:01

Oil API:

Water Salinity:

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

61.00 sec/qt 9.55 in*

Water Loss: Resistivity:

Viscosity:

0.00 ohm.m 3000,00 ppm

Salinity: Filter Cake:

2.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

psig

bbl

ft

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
60.00	g o & m c w 10g 5o 25m 60w	0.295
70.00	g o & w c m 10g 10o 35w 45m	0.408
130.00	c g o 15 g 85o	1.824
0.00	460' gas in pipe	0.000

Total Length:

260.00 ft

Total Volume:

2.527 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

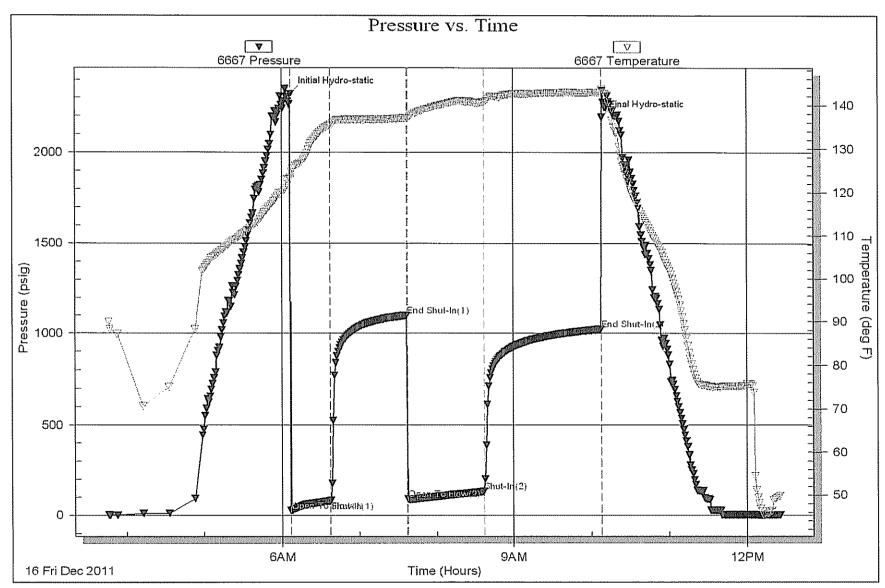
Laboratory Name:

Laboratory Location:

Recovery Comments: rw .421 @ 53*f = 20,000 chlor

Ref. No: 44934

Serial #:



Trilobite Testing, Inc Ref. No: 44934 Printed: 2011.12.16 @ 13:40:29



Lario Oil & Gas

301 S Market St Wichita KS 67202

Stephens#1-5

5-19s-31w

Job Ticket: 44978

DST#: 1

ATTN: Brad Rine

Test Start: 2011.12.12 @ 19:55:00

GENERAL INFORMATION:

Time Tool Opened: 22:00:30

Time Test Ended: 03:57:30

Formation:

LKC "L"

Deviated:

Interval:

No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Will MacLean

Unit No: 55

2970.00 ft (KB)

Reference Bevations:

2965.00 ft (CF)

Total Depth: Hole Diameter: 4250.00 ft (KB) To 4292.00 ft (KB) (TVD)

4292.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

KB to GR/CF:

5.00 ft

Serial #: 6771 Press@RunDepth: Outside

95.88 psig @

4254.00 ft (KB)

2011.12.13 Last Calib.:

Capacity:

8000.00 psig

Start Date: Start Time: 2011.12.12 19:55:00

End Date: End Time:

03:57:30

Time On Btm:

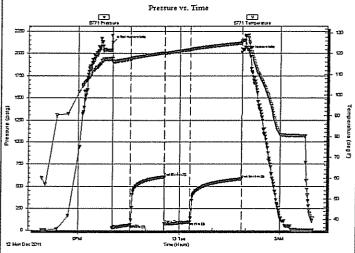
2011.12.13 2011.12.12 @ 22:00:00

Time Off Blm:

2011.12.13 @ 01:51:45

TEST COMMENT: IF- Surface Blow Built to 8"

ISI- Weak Surface Blow Died in 32min FF- Surface Blow Built to 11" FSI- Weak Surface Blow Died in 28min



PRESSURE SUMMARY					
Time	Pressure	Temp	Annotation		
(Min.)	(psig)	(deg F)			
0	2122.63	117.17	Initial Hydro-static	l	
1	26.00	116.38	Open To Flow (1)		
32	62.00	117.40	Shut-In(1)		
93	610.09	120.34	End Shut-in(1)		
93	74.16	120.11	Open To Flow (2)		
140	95.88	121.89	Shut-In(2)		
232	585.84	125.05	End Shut-In(2)		
232	2010.88	125.70	Final Hydro-static		

			WALL		
İ					
	(Min.) 0 1 32 93 93 140 232	Time (psig) 0 2122.63 1 26.00 32 62.00 93 610.09 93 74.16 140 95.88 232 585.84	Time (psig) (deg F) 0 2122.63 117.17 1 26.00 116.38 32 62.00 117.40 93 610.09 120.34 93 74.16 120.11 140 95.88 121.89 232 585.84 125.05	Time (Min.) (psig) (deg F) 0 2122.63 117.17 Initial Hydro-static 1 26.00 116.38 Open To Flow (1) 32 62.00 117.40 Shut-In(1) 93 610.09 120.34 End Shut-In(1) 93 74.16 120.11 Open To Flow (2) 140 95.88 121.89 Shut-In(2) 232 585.84 125.05 End Shut-In(2)	

Recovery

ļ	M 5%g 10%oil 85%m	0.15
31.00 GO	·····	
	5%g 95%oil	0.15
62.00 GO	20%g 80%oil	0.31
93.00 GO 2	25%g 75%oil	1.30
0.00 340'	GIP	0.00

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 44978

Printed: 2011.12.13 @ 09:00:01



FLUID SUMMARY

Lario Oil & Gas

5-19s-31w

301 S Market St Wichita KS 67202 Stephens # 1-5 Job Ticket: 44978

ATTN: Brad Rine

Test Start: 2011.12.12 @ 19:55:00

Mud and Cushion Information

Mud Type: Gel Chem

9.00 lb/gal

Cushion Type:

Oil API:

36 deg API

Mud Weight:

58.00 sec/qt

Cushion Length: Cushion Volume: Water Salinity:

ppm

Viscosity: Water Loss:

7.19 in³

onm.m

Gas Cushion Type:

ft bbl

Gas Cushion Pressure:

psig

Resistivity: Salinity: Filter Cake:

2500.00 ppm 2.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	GOCM 5%g 10%oil 85%m	0.152
31.00	GO 5%g 95%oil	0.152
62.00	GO 20%g 80%oil	0.314
93,00	GO 25%g 75%oil	1.305
0.00	340' GIP	0.000

Total Length:

217.00 ft

Total Volume:

1.923 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Serial #:

Printed: 2011.12.13 @ 09:00:01

Laboratory Name:

Laboratory Location:

Recovery Comments: Oil API is 34 @ 40f = 36

Serial #: 6771

Outside Lario Oil & Gas

Stephens # 1-5

DST Test Number: 1

