KOLAR Document ID: 1272251

Confidentiality Requested:

Yes No

## Kansas Corporation Commission Oil & Gas Conservation Division

Form ACO-1
January 2018
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.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip:+	Feet from
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxxx)  Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	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 EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	
EOR Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
GOVV Territt #.	Lease Name: License #:
Canad Date on Date Decembed TD Completing Date on	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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 ☐ Drill Stem Tests Received
Geologist Report / Mud Logs Received
UIC Distribution
ALT I II Approved by: Date:

KOLAR Document ID: 1272251

#### Page Two

Operator Name:					Lease Nam	ne:			Well #:	
Sec Tw	rpS	S. R	Eas	st West	County:					
	l, flowing an	d shut-in pres	sures, wh	ether shut-in pre	ssure reached	static	level, hydrostat	ic pressures, bo		val tested, time tool erature, fluid recovery,
Final Radioactivi files must be sub							gs must be emai	led to kcc-well-l	ogs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests (Attach Addit		)		Yes No		Lo		n (Top), Depth a		Sample
Samples Sent to	Geological	Survey		Yes No		Name			Тор	Datum
Cores Taken Electric Log Run Geologist Report List All E. Logs F	t / Mud Log	s		Yes No Yes No Yes No						
			Rep	CASING	RECORD [	Nev		on, etc.		
Purpose of St	tring	Size Hole Drilled		Size Casing let (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	CEMENTING /	SQUE	EEZE RECORD		<u>'</u>	
Purpose: Perforate		Depth Top Bottom	Тур	pe of Cement	# Sacks Use	ed		Type and	Percent Additives	
Protect Ca										
Plug Off Z										
Did you perform     Does the volume     Was the hydraul	e of the total	base fluid of the	hydraulic	fracturing treatment		-	Yes S? Yes Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Produ Injection:	ction/Injectio	n or Resumed P	roduction/	Producing Meth	od:		Gas Lift O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours		Oil	Bbls.		Mcf	Water			Gas-Oil Ratio	Gravity
DISPO	OSITION OF	GAS:		N	METHOD OF CO	MPLET	ΓΙΟΝ:			DN INTERVAL: Bottom
Vented		Used on Lease		Open Hole		Dually ( Submit A		nmingled nit ACO-4)	Тор	BOLLOTTI
,	ed, Submit AC							·		
Shots Per Foot	Perforation Top	on Perfor Bott		Bridge Plug Type	Bridge Plug Set At		Acid,		ementing Squeeze and of Material Used)	
TUBING RECORI	D: S	Size:	Set A	: -	Packer At:					

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Socolofsky 2-9
Doc ID	1272251

## Tops

Name	Тор	Datum
Heebner	3912	-952
Lansing	3953	-993
Stark Shale	4225	-1265
Hushpuckney	4263	-1303
Base KC	4324	-1364
Marmaton	4360	-1400
Pawnee	4435	-1475
Ft. Scott	4458	-1498
Johnson	4546	-1586
Morrow	4571	-1611
Basal Penn	4574	-1614
Mississippian	4592	-1632

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Socolofsky 2-9
Doc ID	1272251

## 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	395	60/40	265	
Production	7.875	4.5	10.5	4664	AA2	200	.2% DF, 10# salt, 5# gil
Production	7.875	4.5	10.5	2332	A-Con Blend		3% cc, .25# cellflake



Lario Oil & Gas Company

301 S market St Witchita Ks 67202

ATTN: Tim Lauer

9-17s-31w Scott, Ks

Socolofsky 2-9

Job Ticket: 61794

DST#:1

Test Start: 2015.11.25 @ 08:47:50

#### **GENERAL INFORMATION:**

Time Tool Opened: 10:32:50

Time Test Ended: 16:05:50

Formation:

Lansing B

Deviated:

No Whipstock: ft (KB)

Test Type: Inflate Bottom Hole (Initial)

Tester:

Brandon Turley

Unit No:

Reference Elevations:

2960.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF:

10.00 ft

Interval: Total Depth:

Hole Diameter:

Start Date:

Start Time:

3974.00 ft (KB) To 3999.00 ft (KB) (TVD)

3999.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Serial #: 8166 Press@RunDepth: Outside

51.39 psig @

3979.00 ft (KB)

2015.11.25

Capacity:

8000.00 psig

2015.11.25 08:47:55

End Date: End Time:

16:05:49

Last Calib.: Time On Blm: 2015.11.25

Time Off Btm:

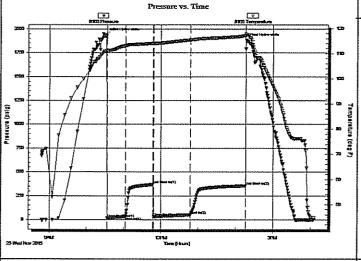
2015.11.25 @ 10:31:20 2015.11.25 @ 14:17:20

TEST COMMENT: IF: Surface blow built to 1 1/2 in 30 min.

IS: No return.

FF: Surface blow built to 1.

FS: No return.



## PRESSURE SUMMARY

 ····	r		
Tîme	Pressure	Temp	Annotation
(Min.)	(psig)	(deg F)	
0	1937.91	110.95	Initial Hydro-static
2	15.56	110.98	Open To Flow (1)
31	32.57	113.07	Shut-ln(1)
76	369.62	114.08	End Shut-In(1)
77	33.03	114.02	Open To Flow (2)
136	51.39	115,41	Shut-In(2)
225	354.61	117.13	End Shut-In(2)
226	1881.95	117.32	Final Hydro-static
			· ·

### Recovery

Length (fl)	Description	Volume (bbl)
62.00	ocm 10%o 90%m	0.30
10.00	free oil 100%0	0.05
·		

Gas Rates

Choke (Inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 61794

Printed: 2015.11.25 @ 16:20:51



**FLUID SUMMARY** 

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St Witchita Ks 67202 Socolofsky 2-9

Job Ticket: 61794

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.11.25 @ 08:47:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil APt:

Mud Weight:

8.00 lb/gal

Cushion Length:

ft ·

0 deg API

Viscosity:

57.00 sec/qt

Cushion Volume:

Water Salinity:

0 ppm

Water Loss: Resistivity:

6.40 in<sup>3</sup> 0.00 ohm.m Gas Cushion Type:

Gas Cushion Pressure:

psig

ы

Salinity: Filter Cake: 700.00 ppm 1.00 inches

## **Recovery Information**

### Recovery Table

Length ft	Description	Volume bbl
62.00	ocm 10%o 90%m	0,305
10.00	free oil 100%0	0.049

Total Length:

72.00 ft

Total Volume:

0.354 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Laboratory Location:

Serial #:

Laboratory Name:

Recovery Comments:

Trilobite Testing, Inc.

Ref. No: 61794

Printed: 2015.11.25 @ 16:20:51

Serial # 8166

Outside Lario Ol & Gas Company

Socolofsky 2-9

DST Test Number 1



Lario Oil & Gas Company

301 S market St Witchita Ks 67202

ATTN: Tim Lauer

9-17s-31w Scott, Ks

Socolofsky 2-9

Job Ticket: 61795

DST#: 2

Test Start: 2015.11.25 @ 23:30:03

#### GENERAL INFORMATION:

Time Tool Opened: 01:01:33

Time Test Ended: 05:24:03

Formation:

Lansing D

Deviated:

No Whipstock:

ft (KB)

Test Type: Inflate Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

Reference Bevations:

2960.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF:

79

10.00 ft

Interval: Total Depth:

Hole Diameter:

4030.00 ft (KB) To 4048.00 ft (KB) (TVD)

4048.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

Serial #: 8166 Press@RunDepth: Outside

17.07 psig @

4035.00 ft (KB)

2015.11.26

Capacity:

8000.00 psig

Start Date: Start Time:

2015.11.25 23:30:08

End Date: End Time:

05:24:02

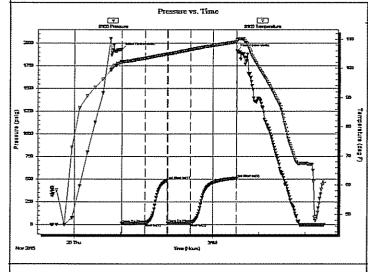
Last Calib.: Time On Btm: 2015.11.26

Time Off Btm:

2015.11.26 @ 01:01:03 2015.11.26 @ 03:31:33

TEST COMMENT: IF: Weak surface blow died in 6 min.

IS: No return. FF: No blow. FS: No return.



### PRESSURE SUMMARY

į				
	Time	Pressure	Temp	Annotation
-	(Min.)	(psig)	(deg F)	
	0	1929.26	102.27	Initial Hydro-static
	1	12.91	101.92	Open To Flow (1)
	30	15.42	103.38	Shut-In(1)
	59	486.93	104.88	End Shut-In(1)
	60	15.99	104.82	Open To Flow (2)
	90	17.07	106.40	Shut-in(2)
l	150	510.34	109.06	End Shut-In(2)
	151	1912.11	109.64	Final Hydro-static
_				

### Recovery

Length (ft)	Description	Volume (bbl)
3.00	oil 100%o	0.01
2.00	mud 100%m	0.01
·		

#### Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 61795

Printed: 2015.11.27 @ 13:58:24



Lario Oil & Gas Company

301 S market St Witchita Ks 67202

ATTN: Tim Lauer

9-17s-31w Scott, Ks

Socolofsky 2-9

Job Ticket: 61795

DST#: 2

Test Start: 2015.11.25 @ 23:30:03

#### **GENERAL INFORMATION:**

Time Tool Opened: 01:01:33

Time Test Ended: 05:24:03

Formation:

Lansing D

Deviated:

interval:

Total Depth:

Hole Diameter:

No Whipstock:

ft (KB)

Test Type: Inflate Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

Reference Elevations:

2960.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8373

Inside

4048.00 ft (KB) (TVD)

psig @

4030.00 ft (KB) To 4048.00 ft (KB) (TVD)

7.88 inches Hole Condition: Good

4035.00 ft (KB)

2015.11.26

Capacity: Last Calib.: 8000.00 psig

Start Date:

Press@RunDepth:

2015.11.25

End Date:

Time On Btm:

2015.11.26

Start Time:

23:30:51

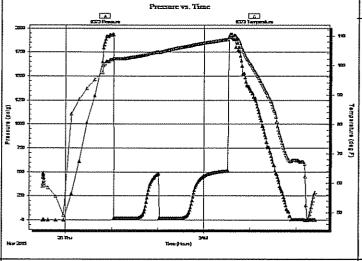
End Time:

05:25:15

Time Off Blm:

TEST COMMENT: IF: Weak surface blow died in 6 min.

IS: No return. FF: No blow. FS: No return.



		P	RESSUR	E SUMMARY
Ī	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
Ti Ba				
Temperature (deg F)				
2				
5				

	Recovery	
Length (fl)	Description	Volume (bibl)
3.00	oil 100%o	0.01
2.00	mud 100%m	0.01
Recovery from a	nulibrie tests	***************************************

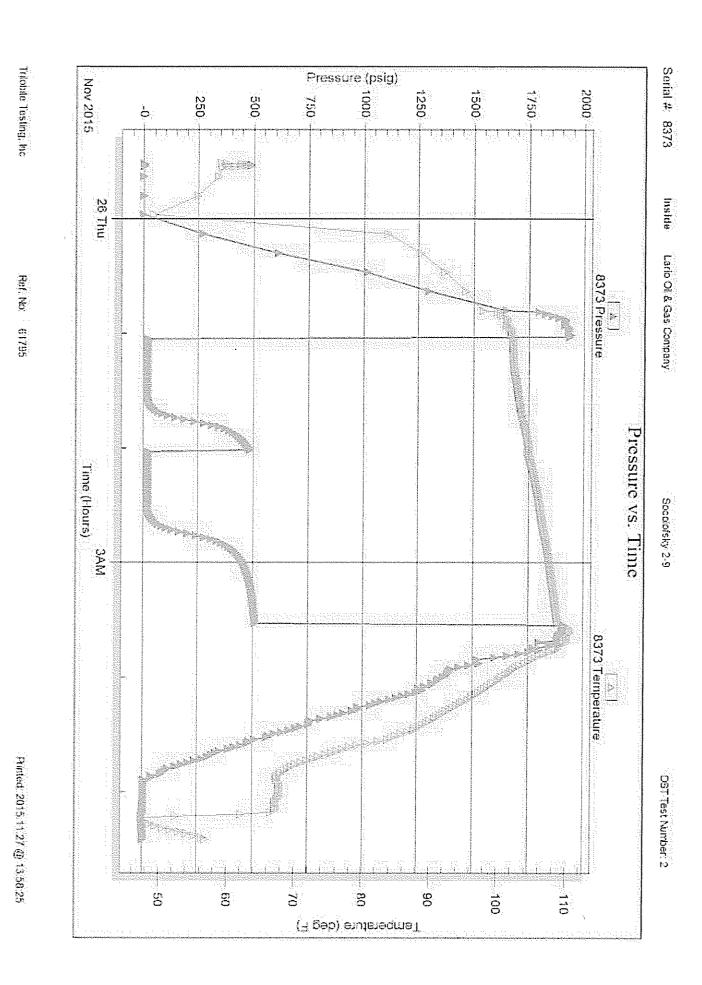
Gas Rates Choke (inches) Pressure (psig) Gas Rate (Mcl/d)

Trilobite Testing, Inc.

Ref. No: 61795

Printed: 2015.11.27 @ 13:58:25

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Lario Oil & Gas Company

301 S market St Witchita Ks 67202

ATTN: Tim Lauer

9-17s-31w Scott, Ks

Socolofsky 2-9

Job Ticket: 61796

DST#:3

Test Start: 2015.11.27 @ 22:47:52

#### **GENERAL INFORMATION:**

Time Tool Opened: 00:40:10

Time Test Ended: 06:44:39

Formation:

Johnson

No

Deviated:

Interval:

Total Depth:

Hole Diameter:

Whipstock:

4563.00 ft (KB) (TVD)

ft (KB)

Test Type: Inflate Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No: 79

Reference Bevations:

2960.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8166

Press@RunDepth:

Outside

40.67 psig @

4490.00 ft (KB) To 4563.00 ft (KB) (TVD)

7.88 inchesHole Condition: Good

4495.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time:

2015.11.27

End Date:

2015.11.28

Last Calib.: Time On Btm: 2015.11.28

2015.11.28 @ 00:38:10 2015.11.28 @ 04:40:39

22:47:57

End Time:

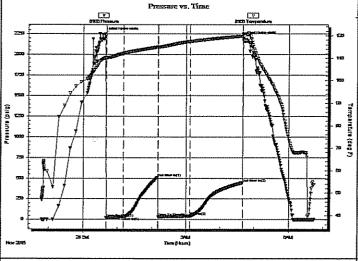
06:44:39

Time Off Btm:

IS: No return. FF: Surface blow built to 3.

FS: No return.

TEST COMMENT: IF: 1/4 blow died in surface.



#### Annotation Time Pressure Temp (Mn.) (psig) (deg F) 0 2244.89 110.05 Initial Hydro-static 2 19.62 110.02 Open To Flow (1) 32 29.57 112.09 Shut-In(1) 92 508.06 114.96 End Shut-In(1) 93 29.13 114.86 Open To Flow (2) 149 40.67 117.41 Shut-In(2) 241 444.11 119.89 End Shut-In(2) 243 2195.76 120.77 Final Hydro-static

PRESSURE SUMMARY

	Recovery	
Length (ft)	Description	Valume (bbl)
60.00	ocm 10%o 90%m	0.30
* Recovery from r	nultiple tests	

Doggions

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

Trilobite Testing, Inc

Ref. No: 61796

Printed: 2015.11.28 @ 11:53:27



Lario Oil & Gas Company

301 S market St Witchita Ks 67202

ATTN: Tim Lauer

9-17s-31w Scott, Ks

Socolofsky 2-9

Job Ticket: 61796

DST#:3

Test Start: 2015.11.27 @ 22:47:52

#### **GENERAL INFORMATION:**

Formation:

Johnson

Deviated:

No Whipstock: ft (KB)

Time Tool Opened: 00:40:10 Time Test Ended: 06:44:39

Interval:

4490.00 ft (KB) To 4563.00 ft (KB) (TVD)

Total Depth:

4563.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Good

Test Type: Inflate Bottom Hole (Reset)

Tester:

Brandon Turley

Unit No:

Reference Bevations:

2960.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF:

10.00 ft

Serial #: 8360 Press@RunDepth: Inside

psig @

4495.00 ft (KB)

2015.11.28

Capacity: Last Calib.: 8000.00 psig

Start Date:

2015.11.27

End Date:

Time On Btm:

2015.11.28

Start Time:

22:47:12

End Time:

06:42:36

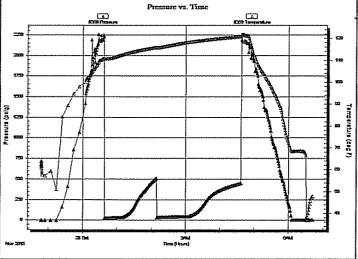
Time Off Btm:

TEST COMMENT: IF: 1/4 blow died in surface.

IS: No return.

FF: Surface blow built to 3.

FS: No return.



# PRESSURE SUMMARY

	Time (Min.)	Pressure (psig)	(deg F)	Annotation
1				
Tarrentelle (dec F)				
7				
		i i		

#### Recovery

	Length (ft)	Description	Volume (bbl)
	60.00	ocm 10%o 90%m	0.30
,	* Recovery from m	nultiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 61796

Printed: 2015.11.28 @ 11:53:27



**FLUID SUMMARY** 

0 deg API

0 ppm

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St Witchita Ks 67202 Socolofsky 2-9

Job Ticket: 61796

DST#:3

ATTN: Tim Lauer

Test Start: 2015.11.27 @ 22:47:52

Oil API:

Water Salinity:

**Mud and Cushion Information** 

Mud Type: Gel Chem

9.00 lb/gal

49.00 sec/qt 6.40 in<sup>3</sup>

Water Loss: Resistivity: 0.00 ohm.m

Salinity: Filter Cake:

Mud Weight:

Viscosity:

mag 00.008 1.00 inches Cushion Type:

Cushion Length:

Cushion Volume: Gas Cushion Type:

Gas Cushion Pressure:

bbi

ft

psig

**Recovery Information** 

Recovery Table

Length Description Volume ft bbl 60.00 ocm 10%o 90%m 0.295

Total Length:

60.00 ft

Total Volume:

0.295 bbl

Num Fluid Samples: 0

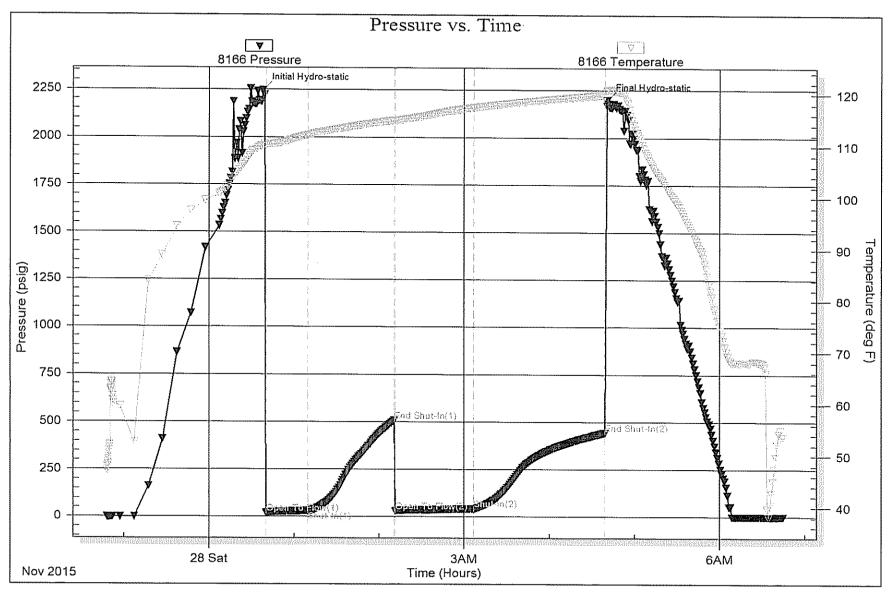
Num Gas Bombs:

Laboratory Location:

Laboratory Name:

Serial #:

Recovery Comments:

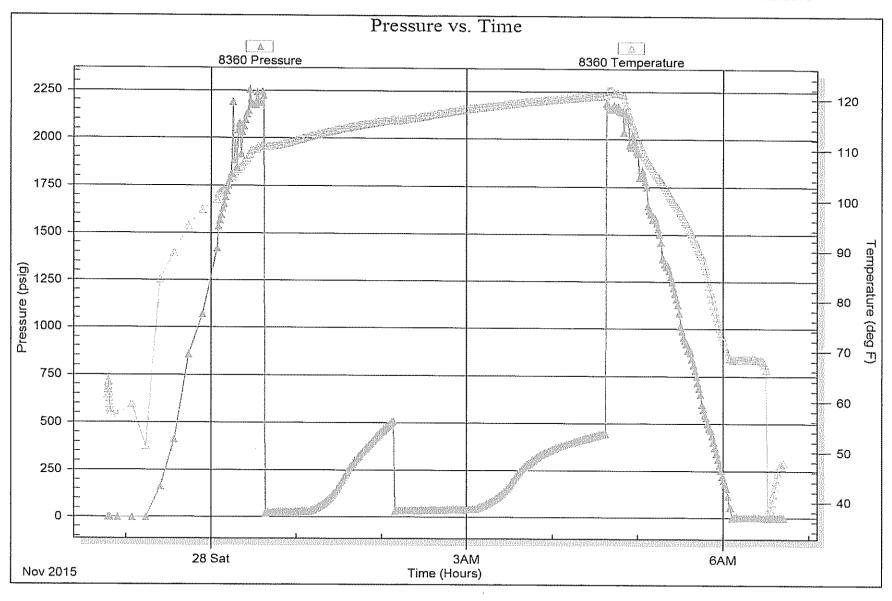


Inside

Lario Oil & Gas Company

Socolofsky 2-9

DST Test Number: 3





Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St Witchita Ks 67202 Socolofsky 2-9

Job Ticket: 61797

DST#:4

ATTN: Tim Lauer

Test Start: 2015.11.28 @ 15:44:19

#### GENERAL INFORMATION:

Time Tool Opened: 17:41:49

Formation:

Basal Sand

Deviated:

Whipstock: No

ft (KB)

Tester:

Test Type: Inflate Bottom Hole (Reset)

Brandon Turley

Time Test Ended: 22:13:49

4562.00 ft (KB) To 4578.00 ft (KB) (TVD)

Reference Bevations:

Unit No:

2960.00 ft (KB)

Interval: Total Depth:

2950.00 ft (CF)

4578.00 ft (KB) (TVD)

KB to GR/CF:

10.00 ft

Hole Diameter:

7.88 inchesHole Condition: Good

Serial #: 8166 Press@RunDepth: Outside

17.20 psig @

4567.00 ft (KB)

Capacity:

8000.00 psig

Start Date:

2015.11.28

End Date:

2015.11.28

Last Calib.: Time On Btm: 2015.11.28

2015.11.28 @ 17:39:49

Start Time:

15:44:24

End Time:

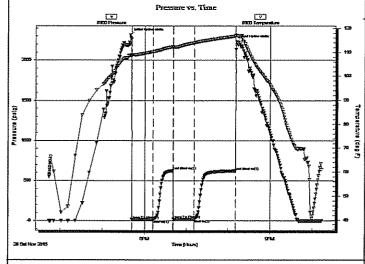
22:13:48

2015.11.28 @ 20:12:19

Time Off Btm:

TEST COMMENT: IF: 1/4 blow died in 10.

IS: No return. FF: No blow. FS: No return.



	PRESSURE SUMMARY						
Τ	Time	Pressure	Temp	Annotation			
	(Mn.)	(psig)	(deg F)				
	0	2315.34	108.63	Initial Hydro-static			
l	2	14.98	108.70	Open To Flow (1)			
1	33	15.82	110.18	Shut-in(1)			
l	61	623.81	112.27	End Shut-In(1)			
ļ	62	16.24	112.04	Open To Flow (2)			
l	91	17.20	113.94	Shut-In(2)			
	151	622.47	116.75	End Shut-In(2)			
١	153	2227.97	116.93	Final Hydro-static			
				· ·			
l							
ı							
				***************************************			
l							

	Recovery	
Length (ft)	Description	Volume (bbl)
5.00	mud 100%m	0.02
Recovery from n	nultiple lests	

Dagaran

 Chole (inches)	Pressure (psig)	Gas Rate (Mcf/d)
 *		-

Gas Rates

Trilobite Testing, Inc.

Ref. No: 61797

Printed: 2015.11.28 @ 22:49:33



**FLUID SUMMARY** 

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St Witchita Ks 67202 Socolofsky 2-9 Job Ticket: 61797

DST#:4

ATTN: Tim Lauer

Test Start: 2015.11.28 @ 15:44:19

Oil API:

**Mud and Cushion Information** 

Mud Type: Gel Chem

9.00 lb/gal

fŧ

0 deg API

Mud Weight: Viscosity:

48.00 sec/q!

Cushion Length: Cushion Volume:

Cushion Type:

Water Salinity:

0 ppm

Water Loss:

7.60 in<sup>3</sup> 0.00 ohm.m

Gas Cushion Type: Gas Cushion Pressure: bbl

Resistivity: Salinity:

1350.00 ppm

psig

Filter Cake:

1.00 inches

#### **Recovery Information**

#### 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:

Serial #:

Laboratory Name:

Laboratory Location:

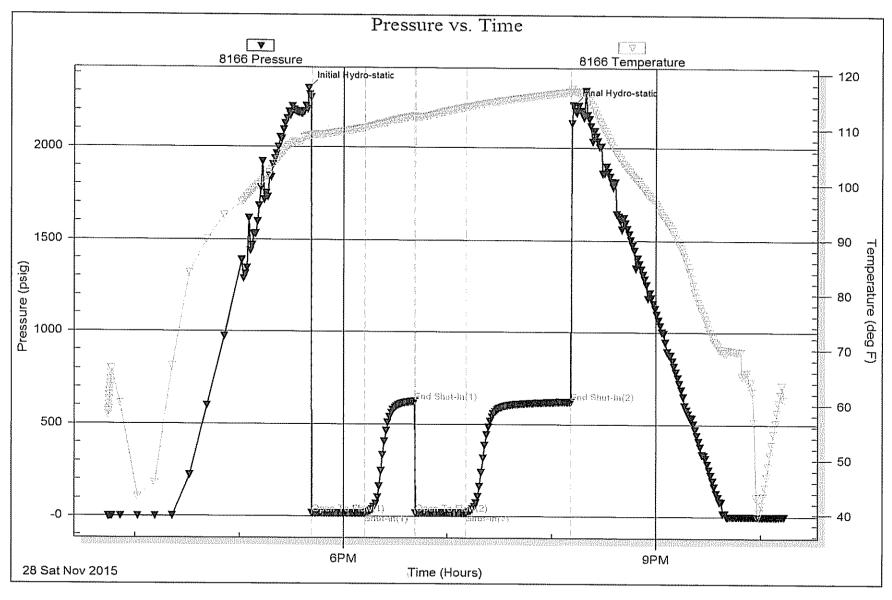
Recovery Comments:



Outside Lario Oil & Gas Company

Socolofsky 2-9

DST Test Number: 4





1 of 1

1002301

11/23/2015

## INVOLCE NUMBER 91974911

Liberal

(620) 624-2277

B LARIO OIL & GAS I PO Box: 1093

L GARDEN CITY KS US

67846

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME

Socolofsky #2-9

LOCATION

В COUNTY

S

Scott

KS

STATE

T

JOB DESCRIPTION Cement-New Well Casing/Pi

JOB CONTACT

						r	T
	јов #	EQUIPMENT	# PURCHASE	ORDER NO.		TERMS	DUE DATE
	40893795	19919-0				Net · 30 days	12/23/2015
				QTY	U of M	UNIT PRICE	INVOICE AMOUNT
	For Service Dates	s: 11/21/2015 to	11/21/2015	Dnille 12-01-1		afe 15-101	IOC 22
	0040893795			12-01-	5/1		
	171706571A Cement Surface	-New Well Casing/F	i 11/21/2015				
	60/40 POZ			265,00	EA	3.96	1,049.40 T
	Celloflake			67.00		1.22	i i
	Calcium Chloride			684.00	EA	0.35	239.40 T
	"Wooden Cmt Plug, 1	1 3/4"""		1.00	EA	52.80	F E
	"Unit Mileage Chg (Pl			100.00		1.49	1
i	Heavy Equipment Mil			200.00		2.48	
	"Proppant & Bulk Del.			1,140.00		0.83	1
ļ	Depth Charge; 0-500'			1.00	1	330.00	i i
İ	Blending & Mixing Se			265.00	1	0.46 82.50	1
	Plug Container Util. C "Service Supervisor, t			1,00 1.00	1	57.75	1
						Act Sol	XC CKO SY FLA BB BB LT.
	PLEASE REMIT		SEND OTHER CORRES		):	SUB TOTAL	3,606.69
			BASIC ENERGY SERV	ICES, LP		TAX	116.50
	PO BOX 841903 DALLAS, TX 752		801 CHERRY ST, ST FORT WORTH, TX 76	102	INVO	CE TOTAL	3,723.19



1002301 1 of 1

11/23/2015

## INVOLCE NUMBER 91974911

Liberal

(620) 624-2277

B LARIO OIL & GAS I PO Box: 1093 L GARDEN CITY

KS US 67846

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME

Socolofsky #2-9

LOCATION

В COUNTY

Scott

s KS STATE

T

JOB DESCRIPTION Cement-New Well Casing/Pi

JOB CONTACT E

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE
40893795	19919-0				Net · 30 days	12/23/2015
			QTY	U of M	UNIT PRICE	INVOICE AMOUNT
For Service Date	s: 11/21/2015 to 1	1/21/2015	Dnille 12-01-1	ing	afe 15-101	IDC 22
0040893795			12-01-	5/1	K	
	t-New Well Casing/Pi 1	1/21/2015				
Surface '			***************************************			
60/40 POZ			265.00	EA	3.96	1,049.40
Celloflake			67.00	EΑ	1.22	81.7
Calcium Chloride			684.00		0.35	1
"Wooden Cmt Plug,	11 3/4"""		1.00		52.80	į.
"Unit Mileage Chg (F			100.00	1	1.49	Į.
Heavy Equipment M			200.00		2.48	I
"Proppant & Bulk De	- '		1,140.00 1.00		0.83 330.00	1
Depth Charge; 0-500			265.00	- 1	0.46	1
Blending & Mixing Se Plug Container Util.			1.00		82.50	!
"Service Supervisor,			1.00		57.75	i e
				77777		
					Act Ecol	XC SPRY
						X B
			The state of the s			- 3 - 1
					FV	100 mg/gray (magazara)
					Incompany to the second section of the second section of the secti	
	TO: 5	END OTHER CORRES	PONDENCE TO	):		
PLEASE REMIT	10.				CTT MORET	3 606 4
	SERVICES, LP E	BASIC ENERGY SERV	ICES, LP		SUB TOTAL TAX	3,606.0 116.!



#### 1700 S. Country Estates Raod Liberal, KS 67901 PH (620)-624-2277FAX (620) 624-2280

SERVICE ORDER - 1717 06571 A

(all blaces)				Location:	11/21/2015
ell Name:				9,17,31	
colofsky #2-9 unty - Stale:				RRC#:	
ott, Ks				1110 11.	
pe Of Service:			A STATE OF THE STA	Customer's Order#:	
2 Surface Casir	na -				
		Lario Oil and	Gas		
9.	, J.	cano on an			
	ddress:				
		Wichita Ks			
s a consideration, the abov	e named Cus	tomer agrees to pay	Basic Energy Services in accord with the rates and terms stated in Basic Energy Services current price lists. Invoices are psychia	NET 30 (SEE 10.2) ofter date of Invoice	e. Upon Customer's
e callection costs and attor	ney fees. The	se terms and const	her agrees to pay interest thereon after default at 18% per annum. In the event it becomes necessary to employ an attorney to end ions shall be governed by the laws of the state where services are performed or equipment or materials are furnished.		
asic Energy Services, was	mants only title	to the products, su	opties and materials and that the same are tree from delects in workmanship, THERE ARE NO WARRANTIES, EXPRESS OR IM	PLIED, MERCHANTABILITY, FITNESS	FOR A
ARTICULAR PLRPOSE O pritraci, fort, product liability	R OTHERWI! , breach of wa	SE WHICH EXTEND arterly or otherwise)	optics and materials and that the same are free from defects in workmanship, THERÉ ARÉ NO WARRANTIES, EXPRESS OR IM BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE: Basic Energy Services, Is platify and Customer's a misting out of the calle or use of any products, supplies, or materials upon their return to Basic Energy Services. Is expressly finish ustomer of credit for the cost of such lisms. In no event shall Basic Energy Services be Sable for special, indirect, punitive or cons	d to the replacement of such products,	enbhies of waterier
, at Basic Energy Services	. option, to th	e allowance to the C	ustomer of credit for the cost of such fisher. In no event shall Basic Energy Services be liable for special, Indiaed, puritive or cons	equential damages.	
			/		
9H37501-71751-711-74-3		e etter ogen i kristen mil en til	DESCRIPTION		SECTION 1
CODE	QTY	· · · · · · · · · · · · · · · · · · ·			
103	265	Sk 🗸	60/AO POZ	12.00	3180.
102	67		Celloflake	3,70	247. 71B.
109	684		Caldium Chloride	160.00	160.
153	1		Wooden Cement Plug, 8 5/8"		450.
00	100	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)	4.50	
01	200	Mi	Heavy Equipment Mileage	7.50	1500.
13	1140	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile	2.50	2850.
200	1	4 Hrs	Depth Charge; 0-500'	1000.00	1000,
240	265	Sk	Blending & Mixing Service Charge	1.40	371.
504	1	Job	Plug Container Utilization Charge	250.00	250.
03	1	Ea	Service Supervisor, first 8 hrs on loc.	175.00	175.
	}				
				<del></del>	
			· · · · · · · · · · · · · · · · · · ·		
		·			
			· · · · · · · · · · · · · · · · · · ·		
					***************************************
				Book Total:	\$10,902.1
				Taxes:	
				Disc, Price:	\$3,606.6
				YES	NO
MP TRUCK NUMBE	·	0147 40040 9	THIS JOB WAS SATISFACTORILY COMPLETED	П	ñ
MIT TROCK NOWED		88117, 19919 8	OPERATION OF EQUIPMENT WAS SATISFACTORY	Ō	
IVER: C	had Ui		PERFORMANCE OF PERSONEL WAS SATISFACTORY	8	ā
IVER: C	had Hinz		PERFORMANCE OF PERSONEL WAS SATISFABION!	_	
9	اسما	030	I LAWASTE VOOLS	1	
Vint Book #T	we o s	رایکارے س			
niel Beck Ja	ENERGY	CERVICES	CHETOMAR OF LI	SAGENT	******
	ENERGY	SERVICES	CUSTOMER OR H	S AGENT	TO



#### 1700 S. Country Estates Raod Liberal, KS 67901 PH (620)-624-2277FAX (620) 624-2280

SERVICE ORDER - 1717 06571 A

					Date:	11/21/2015
Well Name:		······································			Location:	
Socolofsky #2				was a superior of the superior	9,17,31	
County - State:					RRC#:	
Scott, Ks Type Of Service					Customer's Order#:	
Z42 Surface (						
L-12 OUTTAGE C		Lario Oil a	nd Gas			
	00010111011	22.10 011 0	.,,,			
	Address:					
		Wichita Ks	<u> </u>			
As a consideration, the	ne obove named Cur	stomer agrees to p	my Barric Energy Services in accord with the s	ntes and terms stated in Basic Energy Services correct price lists. Invoices are pays lauft at 1874, per annum, in the event it becomes necessary to employ an attamey to	bie NET 30 (SEE 10.2) after date of Involventure collection of said account, Custom	es. Upon Customer's ner agrees to pay all
the collection costs a	nd attorney fees. Th	ese terms and cor	utions shall be governed by the laws of the s	attes and terms cared in trace energy services curies prior less. Invaces are pery- lauft at 10% per annum. In the event it becomes necessary to engly an attorney to tate where services are performed or equipment or materials are furnished.		
Basic Energy Service	ss., warrants only titl	e to the products,	supplies and materials and that the same are NO REVOND THOSE STATED IN THE BAME	tree from detects in workmanship. THERE ARE NO WARRANTIES, EXPRESS OR EXATELY PRECEDING SENTENCE. Basic Energy Services., Batisty and Customer.	IMPLIED, MERCHANTABILITY, FITNESS a exclusive remedy in any cause of action	FOR A 1 (whether in
contract, tort, product	i liability, breach of w	carranty or otherwi	ise) arising out of the sale or use of any produ	EXALECT PRINCENTIANS SERVICES REACH SERVICES ENERGY SERVICES, is expensibly in cst, supplies, or materials upon their return to Basic Energy Services, is expensibly in . In no event shall Bosic Energy Services be liable for special, indirect, puritive or co	rited to the replacement of such products, insequential damages.	supplies or materials
or the president and a	services, opacii, to o	THE ENGHANCE IS DO		•	•	
CODE	QTY	UOM :		DESCRIPTION	PRICE	TOTAL
CL103	265		√60/40 POZ		12.00	3180.00
CC102	67	Lb	1 Celloflake		3.70	247.90
CC109	684	Lb 、	Caldium Chloride		1.05	718.20
CF153	1	Ea	Wooden Cement Plug, 8 5/6		160.00	160.00
E100	100	Mi		s, Small Vans & Cars (one way)	4.50	450.00
E101	200	Mi	Heavy Equipment Mileage	O'L.	7.50 2.50	1500,00 2850.00
E113	1140	Tn/Mi	Proppant and Bulk Delivery	Charges, per ion mile	1000.00	1000.00
CE200 CE240	265	4 Hrs Sk	Depth Charge; 0-500' Blending & Mixing Service C	hame	1.40	371.00
CE504	203	Job	Plug Container Utilization Cl		250.00	250,00
S003	1	Ea	Service Supervisor, first 8 h		175,00	175.00
		L				
*****		·				
· · · · · · · · · · · · · · · · · · ·				***************************************		
		***************************************				
····						
			<u> </u>		Book Total:	\$10,902.10
					Taxes:	
					Disc. Price:	\$3,606.69
					_ YES	NO
PUMP TRUCK N	UMBER:	38117, 19919	8	THIS JOB WAS SATISFACTORILY COMPLETE	ь 📙	
				OPERATION OF EQUIPMENT WAS SATISFACTOR	<del></del>	
DRIVER:	Chad Hinz			PERFORMANCE OF PERSONEL WAS SATISFACTOR	y 🗆	나
	a ·	10	. 0	( Consisting it is		
Daniel Beck 🏒	James	<u> </u>	2. d	_ <u> </u>	<u> </u>	
. В	BASIC ENERGY	Y SERVICES		CUSTOMER OR	HIS AGENT	T.D
				r		<i>,-w</i> ·
Custon	ner Comments	or Concerns	<b>5</b>		***************************************	
						<u> </u>



# রম্ভর্গামুল্লম্প্রামালিল Job Log

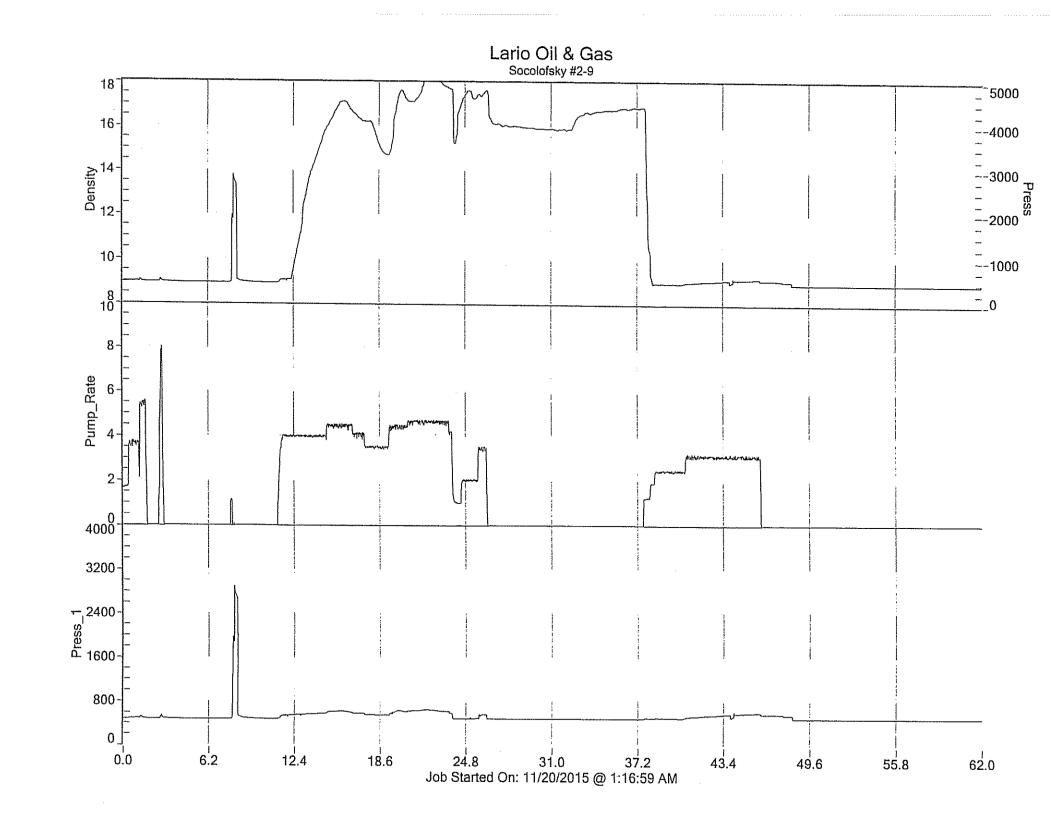
Customer	La	irio Oil and Ga	as		Cement Pump No	38117, 1	9919 8 Hrs.	Operator TRK No.:			
Address					Ticket f	7: 1717	06571 A	Bulk TRK No.:	вытк тяк No.: 70897, 37724 Santiago		
City, State, Zip:		Wichita Ks			Job Typo	*	Z42	2 Surface Casir		-	
Service District	:	Liberal Ks			Well Type	::	OIL				
ell Name and No.:	s	ocolofsky #2-9	9		Well Location	9,17,3	1 County	Scott	State:	К	
Туре	of Cmt	Sacks			Additives			Truck Loa	aded On		
60/40	) Poz	265	2%	Total (	Sel, 3% Calcium C Cellofiake	hloride, .25lb./sk	70897, 377	724 Santiago	Front	Back	
									Front	Back	
									Front	Back	
Lead	/Tail:	Weight #1 Gal.	Cu/l	⁻t/sk		quirements	CU. FT.	Man I	lours / Persor	nel	
Lea	ad:	14.8	1.	21	5	.18	320.65 Man Hour		4.2	5	
Та	il:							# of Men on Job:	3		
Time		Volume	Pu	mps	Pres	sure(PSI)		Description of Operation and Materials			
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing					
18:30								Called out	for Job		
21:15								On Loc	Rig		
9:30 PM								Safety M	leeting		
9:45 PM								Rig up Eq	uipment		
11:20 PM								Start 8 5/8	Casing		
0:30							Casing on Bottom Hook up Pc & circ iron				
1:00							Break Circ with Rig				
1:25 AM							PSI Test Lines to 2200				
1:30		57.1					Pump 265sx 60/40 Poz @ 14.8#/gal				
1:45							Shut Down Drop Plug				
1:54		10			***************************************	<b></b>		Pump Displ	acement		
		15			-						
		20								***************************************	
		22.3				<u></u>					
2:00							5	Shut Down - Sh	out in Casing		
					****			Release	PSI		
								Job Com	plete		
	*******					<u> </u>					
								<del> </del>	<del></del>	····	
			j						·		
										· ·	
Size Hole	12 1/4 "	Depth					TYPE				
Size & Wt. Csg.	8 5/8" 24#	Depth	39	0'	New / Used		Packer		Depth		
tbg.		Depth	·····				Retainer		Depth		
Top Plugs	···	Туре	<del></del>				Perfs		CIBP	· · · · · · · · · · · · · · · · · · ·	
				1	~	Basic Represe	ntative:	Ε	aniel Beck		
Sustomer Sig	nature: 🗸	Emigles	V	pol	21	Basic Signatur		Daniel	***************************************	2	
		CHIPPEN 19		7	<del></del>	Date of Service		11/21/2015			

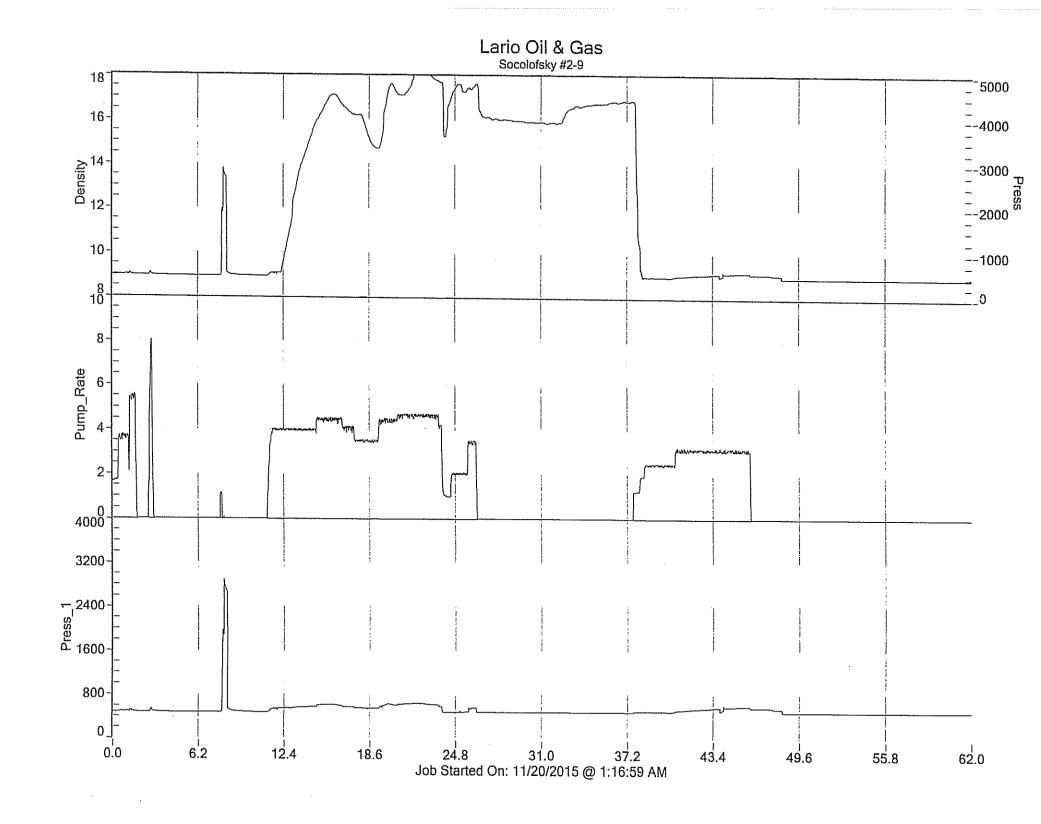


Estate oad, Liberal KS 67901

# PRESSURE EUVIEINE Job Log

Customen	. 1.	ario Oil and Ga	as.	**	Cement Pump No	38117 1	9919 8 Hrs.	Operator TRK No.: 78938				
Address					Ticket		06571 A	Bulk TRK No.:	70897, 37724			
City, State, Zip:	ļ	Wichita Ks				er		2 Surface Casir	Santiago			
Service District:	<u> </u>						£	OIL	'9 			
					Well Typ					16		
ell Name and No.:		locolofsky #2-9	<del>)</del>		Well Location	9,17,3	1 Count			К		
Type	of Cmt	Sacks			Additives	NI CIL CIL		Truck Loa	ided On			
60/40	) Poz	265	2%	lotal (	Sel, 3% Calcium C Celloflake	nionae, .25ib./sk	70897, 37	724 Santiago	Front	Back		
									Front	Back		
	=								Front	Back		
Lead	/Tail:	Weight #1 Gal.	Cu/l	=t/sk	Water Re	quirements	CU. FT.	Man F	Hours / Person	nel		
Le	ad:	14.8	1.	21	5	.18	320.65	Man Hours:	4.25	5		
Ta	il:							# of Men on Job:	3			
Time		Volume	Pu	mps	Pres	ssure(PSI)		Description of Opera	ation and Material	s		
(am/pm)	(ВРМ)	(BBLS)	Т	С	Tubing	Casing	<u> </u>					
18:30								Called out	for Job			
21:15								On Loc	: Rig			
9:30 PM							<u> </u>	Safety M	eeting			
9:45 PM						-		Rig up Equ	uipment			
11:20 PM						<u> </u>	Start 8 5/8 Casing					
0:30							Casing on Bottom Hook up Pc & circ iron					
1:00							Break Circ with Rig					
1:25 AM					<del></del>		PSI Test Lines to 2200					
1:30		57.1					Pump 265sx 60/40 Poz @ 14.8#/gal					
1:45					***************************************		Shut Down Drop Plug					
1:54		10						Pump Displa	acement			
		15										
		20				ļ						
		22.3						***************************************				
2:00								Shut Down - Sh	ut in Casing			
								Release	PSI			
								Job Com	plete			
					·		<u></u>	· · · · · · · · · · · · · · · · · · ·				
Size Hole	12 1/4 "	Depth					TYPE					
Size & Wt. Csg.	8 5/8" 24#	Depth Depth	39	0, 1	New / Used		Packer	lr.	Depth			
tbg.		Depth					Retainer		epth			
Top Plugs		Туре					Perfs		CIBP			
<u></u>				7	<	Basic Represe			aniel Beck			
sustomer Signature: Lamadis Varia						Basic Signatur		Daniel				
		wingipe R		The	~ (	Date of Service		11/21/2015				







1002301 1 of 1

JOB DESCRIPTION

12/01/2015

# INVOLCE NUMBER

91982464

Liberal

(620) 624-2277

B LARIO OIL & GAS I PO Box: 1093

L GARDEN CITY

KS US

67846

o ATTN:

ACCOUNTS PAYABLE

LEASE NAME J LOCATION

COUNTY

Socolofsky 2-9

Scott

Drilling afe 15-101

STATE T

В

KS

Cement-New Well Casing/Pi

T· E JOB CONTACT

JOB #	EQUIPMENT #	PURCHASE	ORDER NO.		TERMS	DUE DATE
40895780	19570-0				Net - 30 days	12/31/2015
			QTY	U of	UNIT PRICE	INVOICE AMOUN
or Service Dates	s: 11/30/2015 to 11/	30/2015				
0040895780						
		-				
171706639A Cement	-New Well Casing/Pi 11/	30/2015				
Production Casing	•	1				
AA2 Cement		XC SPEN	200.00		6.92	1,384.00
A-Con' Blend	A 201 [ [ [ 27] ]	FID L ZOZI	380.00	Ì	7.07	2,686.60
C-41P	1-24	B	38.00	I	1,52	57.76
Salt			1,003.00	i	0.19	190.57
C-37	i i i i i i i i i i i i i i i i i i i		57.00		4.18	238.26
C-15			94.00	i	4.75	446.50
Gilsonite	Substitution of the state of th		1,000.00		0.25	250.00
Celloflake	- A company of the co	The second secon	95.00		1.41	133.95
Calcium Chloride	N III A A MONTH AND		1,074.00		0.40	429,60
"Two Stage Cement C			1.00	EA	2,700.00	2,700.
"Auto Fill Float Shoe 4 Antelope 4 1/2 X 7 7/8			1.00		198.00	198.
"Cmt Basket, Canvas			12.00 1.00	EA   EA	42.00	504.0
"4 1/2"" Latch Down P			1.00	EA	207.00 432.00	207.
Super Flush	ing a Assembly (Neu		500.00	EA	432.00	432.0 465.00
"Unit Mileage Chg (PU	I rare one way)"		100.00	MI	1.71	465.00 171.(
Heavy Equipment Mile	**		300.00	MI	2.85	855.0
"Proppant & Bulk Del.			2,730.00	EA	0.95	2,593.5
Depth Charge; 4001'-5			1.00	EA	957.60	957.6
Blending & Mixing Ser			580.00	BAG	0.53	307.4
Plug Container Util. Ch			1.00	EA	95.00	95.0
"Service Supervisor, fi			1.00	EA	66.50	66.5
			THE PARK			
PLEASE REMIT T BASIC ENERGY S		D OTHER CORRESP CIC ENERGY SERVI			SUB TOTAL	15,369.2

PO BOX 841903

DALLAS, TX 75284-1903

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

TAX

533.99

INVOICE TOTAL

15,903.23



1700 S. Country Estates Rapd Liberal, KS 67901 PH (620)-624-2277FAX (620) 624-2280

SERVICE ORDER - 1717-06639

Well Name:				Location:		
Socolofsky 2-9				Location: 9,17,31		
County - State:	***************************************			RRC#:		
Scott, Ks				KKO #.		
ype Of Service:		***************************************		Customer's Orde	_ 41.	
42 PRODUCT	TON CASI	NG		AFE		121
		Lario Oil 8	Gas	<u> </u>	15	-10/
	Address:					
ls a consideration, the s	bove named Cus	tomat agrees to pa	y Basic Energy Services in accord with the rates and forms stated in Basic Energy Services content taken lists. Involves are no	only NET 30 (SEE 10 2) when di	the self-self-self-self-self-self-self-self-	- It C
			y Basic Energy Bervices in accord with the rates and forms stated in Basic Energy Services current price lists, involces are params great to pay interest thereon after default at 18% per arrum, in the event it becomes necessary to employ an attempt filtens shall be governed by the laws of the state where services are performed or equipment or mainstains are furnished.  upplies and materials and that the same are free from defects in workmanship. THEME ARE NO WARRANTIES, EXPRESS DI BEYOND THOSE STATED BY THE SAMEDIATELY PRECEDING SENTENCE. Basic Energy Services, building and Culatom of the state or use of any products, supplies, or materials spon their trains to Basic Energy Services, to expressly found to a supplied of the state or use of any products, supplies, or materials spon their trains to Basic Energy Services.			
			over the country and the country and the country of	zinsequendal darrages.		
CODE	YIO	CUOM	DESCRIPTION	SESSION SERVICES	distribution of	7/00/2012
105	200	Sk	JAA2 Cement	MANAGEMENT TO THE PARTY OF THE		
L101	380		ACon' Blend		18.20	364
C105	38		IC-41P		18.60	708
2111	1003		Salt		4.00	15
					0.50	50
C126	57		C-37		11.00	6;
2103	94		pr-15		12.50	11
201	1000	····	Gilsonite		0.67	6
C102	95	Lb 🗸	Celiofiake		3.70	3:
2109	1074	Lb v	Galcium Chloride		1.05	112
400	1 1		Two Stage Cement Collar, 4 1/2" (Red)	15	00.00	
1250	1	Ea . /	Auto Fill Float Shoe 4 1/2* (Blue)	·		450
4451	12		4/12 X 7 7/8 W/Fins (Green)	····	30.00	33
4550	1				70.00	84
		ea v	4 1/2 Canvas Basket (Gray)	34	15.00	34
600	1	Ea ✓	4 1/2" Laich Down Plug & Assembly (Red)	7:	00.05	72
2154	500	Gal 🗸	Super Flush		2.45	122
00	100	Mi	Unit Mileage Charge-Pickups, Small Vans & Cars (one way)		4.50	45
01	300	Mi	Heavy Equipment Mileage		7.50	225
13	2730	Tn/Mi	Proppant and Bulk Delivery Charges, per ton mile		2.50	682
205	1	4 Hrs	Depth Charge; 4001'-5000'		20.00	
240	580	Sk	Blending & Mixing Service Charge			252
504	1	Job	Plug Container Utilization Charge		1.40	81:
03	1	Ea	Service Supervisor, first 8 hrs on loc.	·/	0.00	25
			OCIVICE CORPERSION, INST OFFIS OFFIS OFFISCE,		5.00	17:
·						
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	<u> </u> -					
				1		
				Book To	stat:	\$36,554
				Tax		400,004
						615 250
				Disc. Pr	nu.	\$15,369
MP TRUCK NUMBI	ED- 21	3119-19570	THE LAW ILLA A AMERICANA MALE	YES		ND
		, i or i do j U	THIS JOB WAS SATISFACTORILY COMPLETED			
· (TT)-			OPERATION OF EQUIPMENT WAS SATISFACTORY			닏
	Hinz		PERFORMANCE OF PERSONEL WAS SATISFACTORY			ليا
VER: C						
			X at le			
A	Oivera					
A	Oivera ENERGY S	ERVICES	CUSTOMER OR F	IIS AGENT /	^	
А		ERVICES	CUSTOMER OR F	IIS AGENT AL	n A	ní



Liberal Yard #1717 'none 620-624-2277 - 1700 S. Country Estate. .oad, Liberal KS 67901

### Bresquaedompines Job Log

						<u>y</u>	· · · · · · · · · · · · · · · · · · ·					
Custom	er:	Lario Oil & Gas					381	19-19570	Operator TRK )	Yo.:	78940	
Addres	: 5:	:					171	7-05639 Buik TRK No.: 70897-37724			30463-3754	
City, State, Z	lp:						Job Type:			CASING		
Service Distric	=t:	t:				vpe:			OìL	***************************************		
Well Name and N	0.1	Socolofsky 2-9	)		Well Locati	lon:	9,17,	31 соці	nty: Scc	ott sta	ite: K	
Тур	of Cmt	Sacks		•	Additive	s			Truck L	oaded On		
	9A2	200		.5% Flul Defoa	dioss, .3% Friction mer, 10% Salt, 5	on R 5#/sk	Reducer, .2% k Gilsonite	708	97-37724	Front	Back	
A	Con	380		3%Cal	clum Chloride, 1/	/4#/s	sk Celiflake	304	63-37547	Front	Back	
										Front	Back	
Lead	∄/Tail:	Weight #1 Gal.	Cu/	Ft/sk	Water R	lequ	uirements	CU. FT.	Mar	n Hours / Pers	onnel	
	ead:	15	1.	.42		6.0	2	284	Man Hours:		8	
T	ail:	11.6	2.	.77	1	16.7	75	1052.6	# of Men on Job:		4	
Time		Volume	Pt	ımps	Pre	essure(PSI)			Description of Op	eration and Mate	ials	
(am/pm)	(BPM)	(BBLS)	T	С	Tubing		Casing					
20:00:00 PN	1								Called o	ut for Job		
			<del></del>						On Lo	oc. Rig		
2:00 AM								Star	1 4 1/2 Casing	& Float Equip	ment	
7:00 AM						┸		Casing	on Bottom Ho	ok up PC and	circ iron	
7:00 AM							******	Break circ with rig				
7:30						4			Circ	to pit		
10:45						$\perp$		Thru circ hook iron to PT				
11:00 AM							3000	Psi Test Lines				
11:05	5	12					200	Pump 500 Gallons of Super Flush				
11:10	6	50.6					150	Pump 200sx of AA-2 @ 14.8#				
11:25								Sh	ut down clean	lines & stuff p	lug	
11:30	6	37					100		Pump Displa	cement H20	,	
11:40	6	37				$\perp$	100		Pump Displa	cement Mud		
11:50	6	50				_	200		BBls in Lif	ì Cement		
11:55	2	65					600		BBIs in S	low Rate		
12:00		74					1200		Land	Plug		
12:03									Release floa	at — Held		
12:05						_			Drop Oper	ning Plug		
12:15	2	5		_			800		Open Sta	age tool		
12:20						_			Circ wi	th rig		
2:30						<u> </u>			Thru circ hoo	k iron to PT		
3:00						_		Psi Test Lines				
2:30	3	13				<u> </u>	50	Plug	Rat and mous	se holes w/ 50	sk	
Size Hole	7 7/8"	Depth				<u> </u>		TYPE				
Size & Wt. Csg.	4 1/2" 10.5#	Depth	465		New / Used	1_		Packer		Depth		
SJ DV	2332'	Depth	57	jt		_		Retainer		Depth		
21	15'	Туре				<u> </u>	L	Perfs		CIBP		
							sic Represer			A Olvera		
ustomer Sig	nature:	·				Ва	sic Signature	e:				
·						Da	te of Service	:	11/30/2015	1/30/2015		



Liberal Yard #1717 - Cone 620-624-2277 - 1700 S. Country Estate. ... ad, Liberal KS 67901

# Job Log

					3 JOD FOE	i						
Custom	er:	Lario Oil & Ga		Cement Pump No.: 38119-			19570	Operator TRK No.	78940			
Addre:	ss:	·				#: 17	717-0	06639	Вык тяк но.: 70897-37724 30463-3			
City, State, Z	pt				Јов Тур	Type: Z42 PR			ODUCTION C	ASING		
Service Distric	:t	Liberal Ks				e:	*		OIL		······································	
Well Name and N		Socolofsky 2-9	)		Well Location	n: 9,17	7,31	County	Scott	State:	K	
Туре	of Cmt	Sacks			Additives			- 1-1-1 - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Truck Lo	aded On	I	
					***************************************			70897	7-37724	Front	Back	
	***************************************		-									
							_	30463	3-37547	Front	Back	
	d/Tail:	<u> </u>			1 111 -		_		T	Front	Back	
	a/ i aii: ead:	Weight #1 Gal.	Υı	eld	Water Re	equirements	_	CU. FT.	·	Hours / Persor	inel	
<u> </u>	ail:						_	0	Man Hours:			
Time		Volume	p,	ımps	Pro	ssure(PSI)	$\dashv$		# of Men on Job;	ollop and the cont	_	
(am/pm)	(BPM)	(BBLS)	Т	С	Tubing	Casing	$\dashv$	i.	escription of Oper	alion and Matenal	S	
15:00	6	163				100	+	-	oump 330sx A	-con @ 11.6#		
15:15			***************************************				1		Shut down			
3:15 PM	6					100			Pump disp			
		30						Mary .	Bbls in cemer			
3:25 PM	3	25				600	1	BBIs in Slow rate				
15:30	0	37				1500	_		nd plug — Clo			
							$\perp$	Release Psi — Tool Closed				
					·		+		Job O	ver		
							-				***************************************	
	<u> </u>				-		+					
							$\top$					
							1		· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·		
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							$\bot$					
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							+					
							+					
							$\dagger$					
Size Hole	7 7/8"	Depth			0		T	YPE				
	4 1/2" 10.5#	Depth	465	0'	New / Used		Pa	acker		epth epth		
tbg.		Depth	57	<u>jt  </u>			_	etainer	·····	epth		
Top Plugs	2332'	Туре				· ·		erfs		IBP		
Dialames Of-			e de la composition		areatatarenya wasanya anesata 🖥	Basic Represe	-	alive:	Control Control Control	A Olvera	549-27 magazine a levena	
Customer Sig	naure:		grafe S	Series -		Basic Signatu		3				
						Date of Servic	e:		1/30/2015			