

Confidentiality Requested:

Yes No

Kansas Corporation Commission Oil & Gas Conservation Division

1125506

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			
Address 2:			Feet from North / South Line of Secti				
City: S	State: Z	ip:+	Fe	eet from East / We	est Line of Section		
Contact Person:			Footages Calculated from	Nearest Outside Section Cor	ner:		
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:	Well	#:		
	e-Entry	Workover	Field Name:				
	_	_	Producing Formation:				
☐ Oil ☐ WSW ☐ D&A	☐ SWD	□ SIOW □ SIGW	Elevation: Ground:	Kelly Bushing:			
☐ OG	GSW	Temp. Abd.	Total Vertical Depth:	Plug Back Total Dep	oth:		
CM (Coal Bed Methane)	dow	тетір. дай.	Amount of Surface Pipe Se	et and Cemented at:	Feet		
Cathodic Other (Co.	re, Expl., etc.):		Multiple Stage Cementing	Collar Used? Yes N	lo		
If Workover/Re-entry: Old Well Ir			If yes, show depth set:		Feet		
Operator:			If Alternate II completion, o	cement circulated from:			
Well Name:			feet depth to:	w/	sx cmt.		
Original Comp. Date:	Original T	otal Depth:					
Deepening Re-perf.	Conv. to E	NHR Conv. to SWD	Drilling Fluid Managemer	nt Plan			
☐ Plug Back	Conv. to G	SW Conv. to Producer	(Data must be collected from t				
□ Ourselinated	D		Chloride content:	ppm Fluid volume: _	bbls		
CommingledDual Completion			Dewatering method used:				
SWD			Location of fluid disposal if	f hauled offsite:			
☐ ENHR			Location of fluid disposal fi	nauleu onsite.			
GSW	Permit #:		Operator Name:				
<u> </u>			Lease Name:	License #:			
Spud Date or Date Re	eached TD	Completion Date or	QuarterSec	TwpS. R			
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 I	Name: _			Well #:	
Sec Twp	S. R	East	West	County	:				
INSTRUCTIONS: Shopen and closed, flow and flow rates if gas to	ring and shut-in press o surface test, along v	ures, whe	ther shut-in pre chart(s). Attach	ssure reac extra shee	hed stati	c level, hydrosta space is neede	tic pressures, b d.	ottom hole temp	erature, fluid recov
Final Radioactivity Lo files must be submitte						ogs must be ema	alled to kcc-well-	logs@kcc.ks.go	v. Digital electronic
Drill Stem Tests Taker (Attach Additional		Y	es No					Sample	
Samples Sent to Geo	logical Survey	Y	es No		Nam	е		Тор	Datum
Cores Taken Electric Log Run			es No						
List All E. Logs Run:									
				RECORD	Ne				
	0: 11.1					ermediate, product		" 0 1	T 15
Purpose of String	Size Hole Drilled		ze Casing t (In O.D.)	Weig Lbs.		Setting Depth	Type of Cement	# Sacks Used	Type and Percer Additives
			ADDITIONAL	CEMENTI	NG / SQL	JEEZE RECORD			
Purpose:	Depth Top Bottom	Туре	of Cement	# Sacks	Used	Type and Percent Additives			
Perforate Protect Casing	Top Dottern								
Plug Back TD Plug Off Zone									
1 lug 0 li 20 lio									
Did you perform a hydrau	ulic fracturing treatment	on this well	?			Yes	No (If No, s	skip questions 2 a	nd 3)
Does the volume of the t			-		-			skip question 3)	
Was the hydraulic fractur	ing treatment informatio	n submitted	to the chemical of	disclosure re	gistry?	Yes	No (If No, i	ill out Page Three	of the ACO-1)
Shots Per Foot			RD - Bridge Plug Each Interval Perl				cture, Shot, Ceme	nt Squeeze Recor	rd Depth
						(* *			200
TUBING RECORD:	Size:	Set At:		Packer A	t·	Liner Run:			
		0017111				[Yes N	o	
Date of First, Resumed	Production, SWD or EN	HR.	Producing Meth	nod:	g 🗌	Gas Lift (Other (Explain)		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wat	er B	bls.	Gas-Oil Ratio	Gravity
DIODOCITI	01.05.040			4ETUOD 05	. 00145/	TION		DDOD! ICT!	
DISPOSITION Solo	ON OF GAS: Used on Lease		N Open Hole	∥ETHOD OF Perf.	_		mmingled	PRODUCTION	ON INTERVAL:
	bmit ACO-18.)		Other (Specify)		(Submit		mit ACO-4)		

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Vance 1-32
Doc ID	1125506

All Electric Logs Run

MPD/MDN	
MML	
MSS	
MAI/MFE	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Vance 1-32
Doc ID	1125506

Tops

Name	Тор	Datum
Heebner	3986	-777
Lansing	4031	-822
Stark Shale	4340	-1131
Hushpuckney	4395	-1186
Base KC	4491	-1282
Marmaton	4522	-1313
Pawnee	4624	-1415
Ft. Scott	4644	-1435
Johnson	4755	-1546
Morrow	4869	-1660
Basal Penn	4960	-1751
Mississippian	4971	-1762
St. Louis	5009	-1800

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 Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner

April 16, 2013

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

Re: ACO1 API 15-203-20212-00-00 Vance 1-32 SW/4 Sec.32-19S-35W Wichita 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



REMIT TO

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

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

Invoice # INVOICE Invoice Date: 04/09/2013 Terms: 10/10/30,n/30 Page

LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 637846 (316) 265-5611

VANCE 1-32 39367 AFE 13-072 32-19-35 4-11-1365 04-03-2013 KS

Part Number 1131 1118B 1107	Description 60/40 POZ MIX PREMIUM GEL / BENTONITE FLO-SEAL (25#)	Qty 250.00 860.00 63.00	Unit Price 15.1000 .2500 2.8200	Total 3775.00 215.00 177.66
Sublet Performed 9996-130 9995-130	Description CEMENT MATERIAL DISCOUNT CEMENT EQUIPMENT DISCOUNT			Total -416.77 -236.18
Description 463 P & A NEW WELL 463 EQUIPMENT MILE 693 TON MILEAGE DE	AGE (ONE WAY)	Hours 1.00 45.00 1.00	Unit Price 1325.00 5.00 811.80	Total 1325.00 225.00 811.80

Amount Due 6875.39 if paid after 05/09/2013

6187.85 311.34 AR .00 Tax: 4167.66 Freight: Parts: 6187.85

.00 Total: .00 Misc: Labor: .00 Change: .00 -652.95 Supplies:

Date Signed GILLETTE, WY CUSHING, OF OTTAWA, KS PONCA CITY, OK EUREKA, KS

BARTLESVILLE, OK 918/338-0808 EL DORADO, KS 316/322-7022

620/583-7664

580/762-2303

OAKLEY, KS 785/672-8822

785/242-4044

THAYER, KS 620/839-5269

307/686-4914

918/225-2650



<u> 39367</u> TICKET NUMBER LOCATION DOLLAR FOREMAN TUZZY

PO	Box	884,	Cha	nute,	KS	66720
						9576

FO BOX 884, CI			ELD HOKE	I G IKEA	IMENI KEN	PORT		
620-431-9210				CEMEN	IT			(2 <
DATE	CUSTOMER#	WE	LL NAME & NUI	MBER	SECTION	TOWNSHIP	RANGE	I COUNTY
<u> </u>	4793	l Ua.	المري ال	3 2	32	ा व	35 6	Lusiahida
CITY JOB TYPE CASING DEPTH SLURRY WEIGHT DISPLACEMENT	T.A.		ZIP CODE ・ フッパ レパン	MANY CONTROL OF THE PROPERTY O	TRUCK# 463 693 5250	DRIVER Trads W Towdan L CASING SIZE & W	TRUCK#	DRIVER
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905kg 505kg 205kg 205kg 305kg	€ 3 ₈	0 ' 9 '		2509		Thanks T	1000 1/4	

ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
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5407A	10.840W	Townsleage Delivery	1 47	81180
1131	2505PS	60(40 pos	1510	37755
1118B	860≠	Bendontle	, 2.5	215
1107	63 #	Floses	2 82	17766
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•		1855 1090		65295
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				21: 2.1
Ravin 3737			SALES TAX ESTIMATED	311.34

16187,851 TOTAL DATE

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.



REMIT TO

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

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

Invoice # INVOICE

Terms: 15/15/30, n/30 Page Invoice Date: 03/20/2013

LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 637846 (316) 265-5611

VANCE 1-32 39454 32-19-35 03-19-2013 KS

Drilling AFE-13.072 CK 3/25/13

Part Number 1104S 1102 1118B	Description CLASS "A" CEMENT (SALE) CALCIUM CHLORIDE (50#) PREMIUM GEL / BENTONITE	Qty 250.00 705.00 470.00	Unit Price 17.6500 .8900 .2500	Total 4412.50 627.45 117.50
Sublet Performed 9996-130 9995-130	Description CEMENT MATERIAL DISCOUNT CEMENT EQUIPMENT DISCOUNT			Total -773.62 -329.54
Description 463 CEMENT PUMP (S 463 EQUIPMENT MILE 466 TON MILEAGE DE		Hours 1.00 45.00 1.00	Unit Price 1085.00 5.00 886.95	Total 1085.00 225.00 886.95

Amount Due 7782.47 if paid after 04/19/2013

.00 Tax: 363.86 AR 6615.10 5157.45 Freight: Parts:

.00 Misc: Labor:

.00 Total: 6615.10

.00 Change: Sublt: -1103.16 Supplies:

Date Signed CUSHING, OK 918/225-2650 GILLETTE, WY 307/686-4914

THAYER, KS 620/839-5269 BARTLESVILLE, OK 918/338-0808 OTTAWA, KS 785/242-4044 EUREKA, KS PONCA CITY, OK OAKLEY, KS EL DORADO, KS 620/583-7664 580/762-2303 785/672-8822 316/322-7022



257479

TICKET NUN	BER	39454	
LOCATION_	OAK	ey 165	
FOREMAN	T	- (<i>L</i>	

PO	Box	884,	Cha	nute,	KS	66720
				800-		

FIELD TICKET & TREATMENT REPORT

DATE OUSTOMER WELL NAME & NUMBER SECTION TOWNSHIP RANGE COUNTY J-13 1793 UANCE 1-32 J-19-13 1794 JANEER TRUCK B DRIVER TRUCK B DRIVER TRUCK B DRIVER T		or 800-467-8676			CEME	NT			K S
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54015 PUMP CHARGE 5406 45 MILEAGE 5407	1	QUANITY o	or UNITS	DE	SCRIPTION of	SERVICES or PRO	DDUCT	UNIT PRICE	TOTAL
5406 45 MILEAGE 5407A 11.8 for Tom Mileage Delivery 101 886 95 11045 2505K5 Class A' cement 17.55 4412 50 1102 705 # Calcium chloride .89 627 42 1118 K 470 # Bendowne 5-54dal 7354 #2 1755 5-54dal 7354 #2 1755 5-54dal 625(24)	····	1		PUMP CHARGE	-		****	100000	.1
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TOTAL 66/5, 10	in 3737					b.		SALES TAX ESTIMATED	363.86

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 Company

32-19s-35w Wichita Co. KS

301 S Market ST

Wichita KS, 67202 - 3805

Vance #1-32

Job Ticket: 49968

ATTN: Steve Davis

Test Start: 2013.03.24 @ 23:20:00

GENERAL INFORMATION:

Formation:

Lansing "D"

Deviated:

Time Tool Opened: 02:07:15

Time Test Ended: 07:23:15

No

Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Tester:

Jace McKinney

Unit No:

Reference Elevations:

3210.00 ft (KB)

3199.00 ft (CF)

KB to GR/CF:

11.00 ft

4102.00 ft (KB) To 4139.00 ft (KB) (TVD) interval:

Total Depth: Hole Diameter: 4139.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8650 Press@RunDepth: Outside

253.66 psig @

4103.00 ft (KB)

2013.03.25

Capacity: Last Calib.: 8000.00 psig

Start Date: Start Time: 2013.03.24 23:20:15

End Date: End Time:

07:23:15

Time On Btm:

2013.03.25 2013.03.25 @ 02:05:45

Time Off Btm:

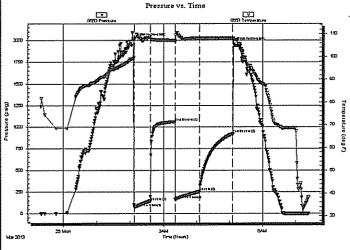
2013.03.25 @ 05:08:00

TEST COMMENT: B.O.B. in 2 1/2 min.

Bled off for 5 min. No return blow

B.O.B. in 10 min.

Bled off for 5 min. No return blow



Temp Time Pressure Annotation (deg F) (Min.) (psig) 0 2005.51 99.01 Initial Hydro-static 2 74.48 107.52 Open To Flow (1) 31 145.02 108.84 Shut-In(1) 75 1058.15 107.23 End Shut-In(1) 75 161.77 106.88 Open To Flow (2) 120 253.66 108.15 Shut-In(2) 181 920,79 108.11 End Shut-In(2) 183 1956.85 107.61 Final Hydro-static

PRESSURE SUMMARY

Recovery

Description	Volume (bbl)
Clean Oil	0.01
mcw 50%M 50%W with oil scum	2.15
mcw 40%M 60%W	2.61
mcw 25%M75%W	2.61
	Clean Oil mcw 50%M 50%W with oil scum mcw 40%M 60%W

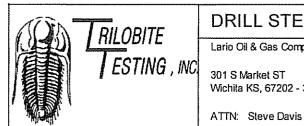
Gas	Rates
-----	-------

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

Trilobite Testing, Inc.

Ref. No: 49968

Printed: 2013.03.25 @ 07:52:18



FLUID SUMMARY

Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

301 S Market ST Wichita KS, 67202 - 3805 Vance #1-32 Job Ticket: 49968

DST#: 1

Test Start: 2013.03.24 @ 23:20:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal 56.00 sec/qt Cushion Length: Cushion Volume: Water Salinity:

ppm

Viscosity: Water Loss:

7.98 in³

Gas Cushion Type:

bbl

Resistivity:

Salinity: Filter Cake: ohmm

7500.00 ppm 1.00 inches

Gas Cushion Pressure:

psig

ft

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	Clean Oil	0.014
153.00	mcw 50%M 50%W with oil scum	2.146
186.00	mcw 40%M 60%W	2.609
186,00	mcw 25%M 75%W	2.609

Total Length:

526.00 ft

Total Volume:

7.378 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial #:

Laboratory Name:

Laboratory Location:

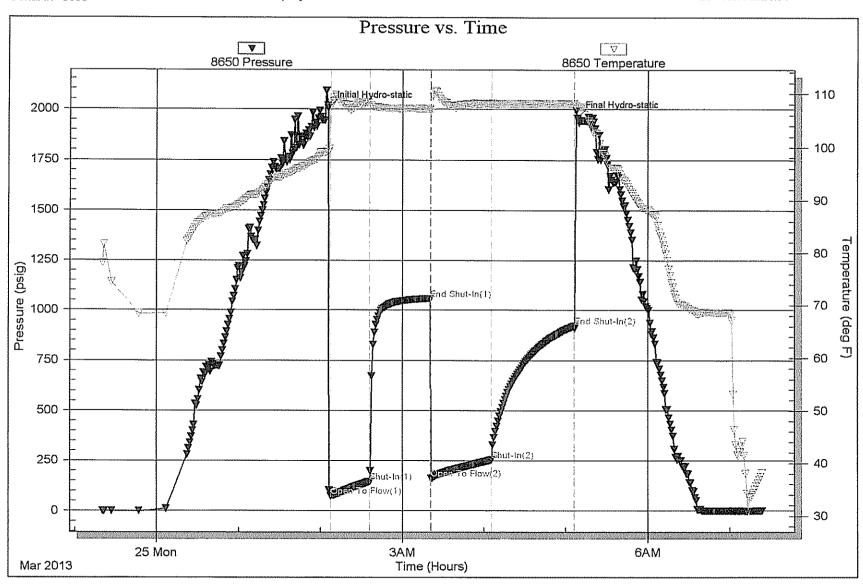
Recovery Comments: RW: .40 @ 15 F = 40,000

Trilobite Testing, Inc.

Ref. No: 49968

Printed: 2013.03.25 @ 07:52:19

Serial #: 8650 Outside Lario Oil & Gas Company Vance #1-32 DST Test Number: 1





Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

301 S Market ST

Wichita KS, 67202 - 3805

Vance #1-32 Job Ticket: 49969

DST#: 2

ATTN: Steve Davis

Test Start: 2013.03.26 @ 23:45:00

GENERAL INFORMATION:

Time Tool Opened: 01:33:00

Time Test Ended: 06:21:00

Formation: Deviated:

Marmaton "A"

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Tester:

Jace McKinney

Unit No:

3210.00 ft (KB)

Reference Elevations:

3199.00 ft (CF)

KB to GR/CF:

11.00 ft

Interval:

Start Date:

Start Time:

4510.00 ft (KB) To 4550.00 ft (KB) (TVD)

Total Depth:

4550.00 ft (KB) (TVD)

Hole Diameter:

7.88 inchesHole Condition: Fair

Serial #: 8675 Press@RunDepth: Inside

20.99 psig @

4511.00 ft (KB)

2013.03.27

Capacity: Last Calib.: 8000.00 psig

2013.03.26 23:45:15

End Date: End Time:

06:21:00

Time On Btm:

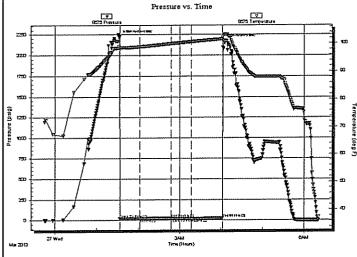
2013.03.27 2013.03.27 @ 01:32:45

Time Off Btm:

2013.03.27 @ 04:02:45

TEST COMMENT: Built to 1/2" blow

No return blow No blow No return blow



- 1				
1	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2221.67	98.82	Initial Hydro-static
	1	19.60	98.00	Open To Flow (1)
	30	20.73	98.77	Shut-In(1)
	75	27,53	99.85	End Shut-In(1)
Temperalure	75	19.41	99.85	Open To Flow (2)
ratur.	105	20.99	100.56	Shut-In(2)
fdet F	150	24.75	101.55	End Shut-In(2)
5	150	2167,63	102.08	Final Hydro-static
				_

PRESSURE SUMMARY

Recovery

5.00 100% Mud with few oil spots	Votume (bbl)
	0.07
* Recovery from multiple tests	

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 49969

Printed: 2013.03.27 @ 08:04:17



FLUID SUMMARY

Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

301 S Market ST

Vance #1-32

Wichita KS, 67202 - 3805

Job Ticket: 49969

DST#: 2

ATTN: Steve Davis

Test Start: 2013.03.26 @ 23:45:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

ft Cushion Length: bbl

Viscosity:

46.00 sec/qt 9.59 in³

Cushion Volume:

Water Salinity:

ppm

Water Loss: Resistivity:

ohm.m

Gas Cushion Type: Gas Cushion Pressure:

psig

Salinity: Filter Cake:

7800.00 ppm 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	100% Mud with few oil spots	0.070

Total Length:

5.00 ft

Ref. No: 49969

Total Volume:

0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0 Serial #:

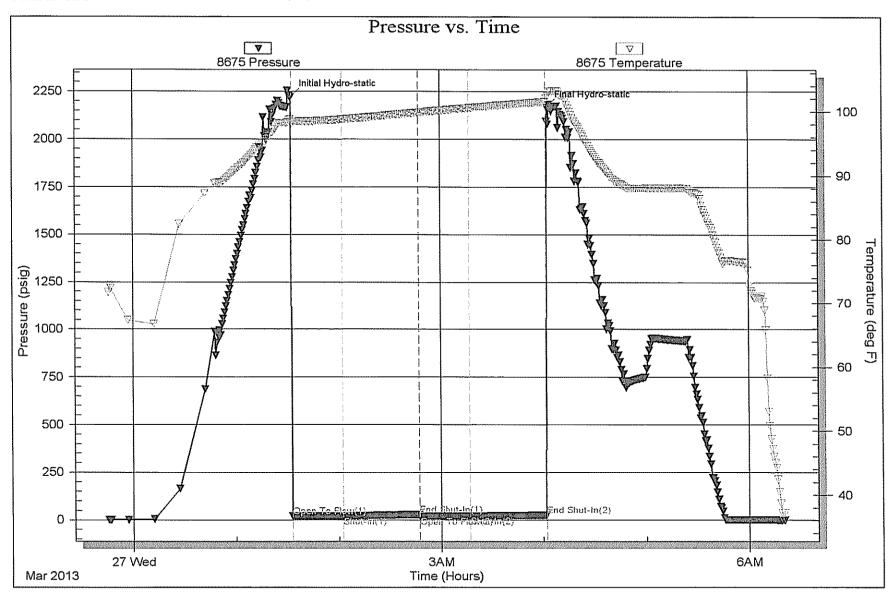
Laboratory Name:

Laboratory Location:

Recovery Comments:

Printed: 2013.03.27 @ 08:04:18

Serial #: 8675 Inside Lario Oil & Gas Company Vance #1-32 DST Test Number: 2



Trilobite Testing, Inc.

Ref. No: 49969

Printed: 2013.03.27 @ 08:04:19



Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

301 S Market ST

ATTN: Sleve Davis

Vance #1-32 Job Ticket: 49970

DST#: 3

Wichita KS, 67202 - 3805

Test Start: 2013.03.28 @ 00:05:00

GENERAL INFORMATION:

Formation:

Pawnee & Fort Scott

Deviated:

Whipstock: No

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Time Tool Opened: 02:04:00

Time Test Ended: 06:39:45

Tester: Jace McKinney Unit No:

Interval:

4604.00 ft (KB) To 4661.00 ft (KB) (TVD)

Total Depth: 4661.00 ft (KB) (TVD) Reference Hevations: 3210.00 ft (KB) 3199.00 ft (CF)

KB to GR/CF:

11.00 ft

Hole Diameter:

7.88 inches Hole Condition: Fair

Serial #: 8675 Press@RunDepth: Inside

28.79 psig @

4605.00 ft (KB)

Capacity:

gisq 00.0008

Start Date: Start Time: 2013.03.28 00:05:15

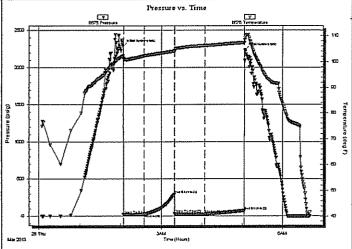
End Date: End Time: 2013.03.28 06:39:45 Last Calib.: Time On Blm: 2013.03.28

Time Off Btm:

2013.03.28 @ 02:03:30 2013.03.28 @ 05:04:00

TEST COMMENT: Built to 1 1/4" blow

No return blow Built to 1/4" blow No return blow



		E SUMMARY		
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2289.37	102.21	Initial Hydro-static
	1	24.11	101.41	Open To Flow (1)
	31	25.33	102.20	Shut-in(1)
1	76	293.54	104.07	End Shut-In(1)
adura	76	32,14	103.87	Open To Flow (2)
am'r	121	28.79	106.22	Shut-In(2)
Testperature (deg F	180	75.35	107.31	End Shut-In(2)
3	181	2236.12	109.15	Final Hydro-static
	•			
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				· ·

Recovery

Length (ft)	Description	Volume (bbl)
15.00	100% Mud with oil scum	0.21
* Recovery from r	nutliple tests	

Gas Rates Cholo (inches) Pressure (psig) Gas Rate (Mcf/d)

Trilobite Testing, Inc.

Ref. No: 49970

Printed: 2013.03.28 @ 07:51:57



FLUID SUMMARY

deg API

ppm

Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

Oil API:

Water Salinity:

301 S Market ST

ATTN: Steve Davis

Wichita KS, 67202 - 3805

Vance #1-32 Job Ticket: 49970

DST#: 3

Test Start: 2013.03.28 @ 00:05:00

Mud and Cushion Information

Mud Type: Gel Chem Mud Weight:

Viscosity:

9.00 lb/gal

Water Loss:

Resistivity: Salinity:

Filter Cake:

56.00 sec/qt 8.79 in³

ohmm

7400.00 ppm 1.00 inches Cushion Type:

Cushion Length: Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

bbi

ft

psig

Recovery Information

Recovery Table

Description Volume Length bbl ft 15.00 100% Mud with oil scum 0.210

Total Length:

15.00 ft

Total Volume:

0.210 bbl

Num Fluid Samples: 0 Laboratory Name:

Num Gas Bombs:

Recovery Comments:

Serial#:

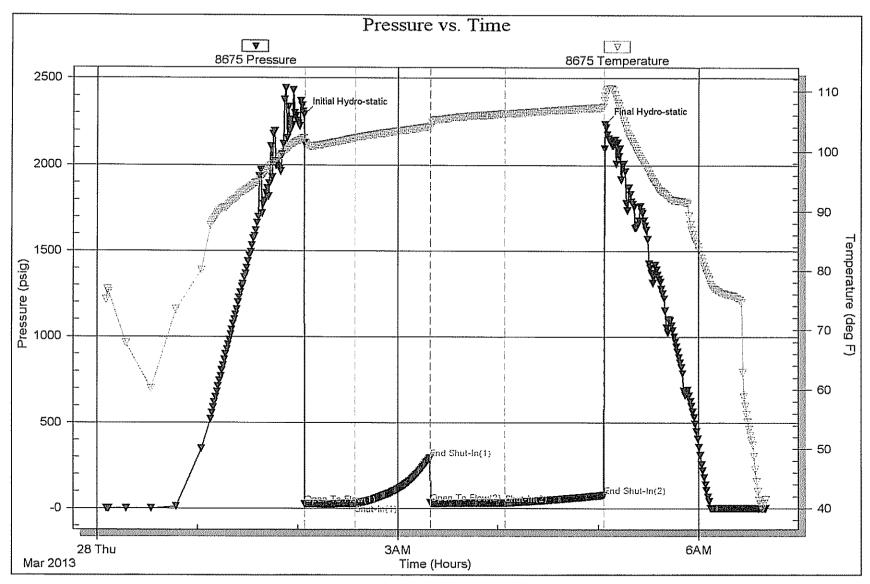
Laboratory Location:

Trilobite Testing, Inc.

Ref. No: 49970

Printed: 2013.03.28 @ 07:51:58

Serial #: 8675 Inside Lario Oil & Gas Company Vance #1-32 DST Test Number: 3





Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

301 S Market ST Wichita KS, 67202 - 3805

Job Ticket: 49971

Vance #1-32

DST#:4

ATTN: Steve Davis

Test Start: 2013.03.28 @ 15:25:00

GENERAL INFORMATION:

Formation:

Cherokee Shale

Deviated: No

Time Tool Opened: 17:11:15

Time Test Ended: 21:13:00

No Whipstock:

ft (KB)

Test Type: Conventional Bottom Hole (Reset)

Jace McKinney

Tester: Unit No:

Unit No: 46

Reference Bevalions:

3210.00 ft (KB)

KB to GR/CF:

3199.00 ft (CF) 11.00 ft

Interval:

4653.00 ft (KB) To 4684.00 ft (KB) (TVD)

Total Depth: Hole Diameter: 4684.00 ft (KB) (TVD)

7.88 inches Hole Condition: Fair

Serial #: 8675

Press@RunDepth:

Inside

23.55 psig @

4654.00 ft (KB)

Capacity:

8000.00 psig

Start Date: Start Time: 2013.03.28 15:25:15 End Date: End Time: 2013.03.28 21:13:00

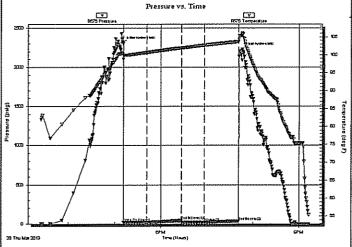
Last Calib.: Time On Btm: 2013.03.28

Time Off Btm:

2013.03.28 @ 17:10:45 2013.03.28 @ 19:45:45

TEST COMMENT: Built to 1/4" blow

No return blow No blow No return blow



		RE SUMMARY		
	Time	Pressure	Temp	Annotation
	(Min.)	(psig)	(deg F)	
	0	2304.99	100.35	Initial Hydro-static
	1	20.64	98.77	Open To Flow (1)
	31	22.38	100.65	Shut-In(1)
,	76	44.32	101.91	End Shut-In(1)
	76	22.09	101.90	Open To Flow (2)
	106	23.55	102.65	Shut-In(2)
	151	35.42	103.64	End Shut-In(2)
7	155	2224.52	105.79	Final Hydro-static
i				

Recovery

Length (fi)	Description	Volume (bbl)	
5.00	100% Mud	0.07	
* Recovery from r	nullipio lests		

Gas Rates

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

Trilobite Testing, Inc.

Ref. No: 49971

Printed: 2013.03.29 @ 05:42:41



FLUID SUMMARY

Lario Oil & Gas Company

32-19s-35w Wichita Co. KS

301 S Market ST Wichita KS, 67202 - 3805 Vance #1-32 Job Ticket: 49971

DST#: 4

ATTN: Steve Davis

Test Start: 2013.03.28 @ 15:25:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight:

9.00 lb/gal

Cushion Length:

ft bbl Water Salinity:

ppm

Viscosity:

53.00 sec/qt 9.59 in³

Cushion Volume: Gas Cushion Type:

psig

Water Loss: Resistivity:

ohm.m

Gas Cushion Pressure:

Salinity: Filter Cake: 9400.00 ppm 1.00 inches

Recovery Information

Recovery Table

Description Volume Length bbl ft 5.00 100% Mud 0.070

Total Length:

5.00 ft

Total Volume:

0.070 bbl

Num Fluid Samples: 0

Num Gas Bombs:

Laboratory Name:

Laboratory Location:

Serial #:

Recovery Comments:

Serial #: 8675 Inside Lario Oil & Gas Company Vance #1-32 DST Test Number: 4

