Сс	onfiden	tiality	Requested:
	Yes	ΠN	0

## KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1233656

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:				
Address 2:	Feet from Dorth / South Line of Section			
City: State: Zip:+	Feet from East / West Line of Section			
Contact Person:	Footages Calculated from Nearest Outside Section Corner:			
Phone: ()				
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx.xxxxx)			
Name:	(e.g. xx xxxx) (e.gxxx xxxx) Datum: NAD27 NAD83 WGS84			
Wellsite Geologist:				
Purchaser:	County:			
Designate Type of Completion:	Lease Name: Well #:			
New Well Re-Entry Workover	Field Name:			
	Producing Formation:			
	Elevation: Ground: Kelly Bushing:			
Gas D&A ENHR SIGW	Total Vertical Depth: Plug Back Total Depth:			
OG GSW Temp. Abd.     CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet			
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No			
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 ENHR       Conv. to SWD         Plug Back       Conv. to GSW       Conv. to Producer	Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)			
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls			
Commingled     Permit #:      Dual Completion     Permit #:	Dewatering method used:			
SWD         Permit #:	Location of fluid disposal if hauled offsite:			
ENHR     Permit #:				
GSW Permit #:	Operator Name:			
	Lease Name: License #:			
Spud Date or Date Reached 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	1233656
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	
INCTRUCTIONS. Chain important tang of formations panetrated	tail all aaraa Banart all final	ponion of drill stame tosts giving interval tested, time tool

**INSTRUCTIONS:** Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		-	g Formation (Top), Depth and Datum		Sample
Samples Sent to Geological Survey		Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
			RECORD Ne				
		Report all strings set-c	onductor, surface, inte	ermediate, producti	on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQL	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing							
Plug Off Zone							

Did you perform a hydraulic	fracturing treatment	on this well?		Yes	No	(If No,
Does the volume of the total	I base fluid of the hyd	draulic fracturing treatment exe	ceed 350,000 gallons?	? Yes	No	(If No,
Was the hydraulic fracturing	treatment informatio	n submitted to the chemical d	lisclosure registry?	Yes	No	(If No,

(If No, skip questions 2 and 3) (If No, skip question 3)

(If No, fill out Page Three of the ACO-1)

Shots Per Foot PERFORATION Specify Foo				RD - Bridge Pl Each Interval P		0e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
TUBING RECORD:	Si	ze:	Set At:		Packe	r At:	Liner R	un:	No	
Date of First, Resumed	d Product	tion, SWD or ENH	٦.	Producing M	ethod:	ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas	Mcf	Wat	ər	Bbls.	Gas-Oil Ratio	Gravity
DISPOSITION OF GAS:			METHOD OF COMPLETION:			PRODUCTION INTE	RVAL:			
Vented Sol	d	Used on Lease		Open Hole	Perf.	Uually (Submit)		Commingled (Submit ACO-4)		
(If vented, Submit ACO-18.)		D-18.)		Other (Specify)						

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Berning A 1-7
Doc ID	1233656

All Electric Logs Run

MPD/MDN
MSS
MML
MAI/ME

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Berning A 1-7
Doc ID	1233656

Tops

Name	Тор	Datum
Heebner	4010	-780
Lansing	4062	-832
Stark Shale	4364	-1134
Hushpuckney	4414	-1184
Base KC	4510	-1280
Mamaton	4546	-1316
Pawnee	4643	-1413
Ft. Scott	4665	-1435
Johnson	4776	-1546
Morrow	4874	-1644
Mississippian	5006	-1776
St. Louis	5043	-1813

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Berning A 1-7
Doc ID	1233656

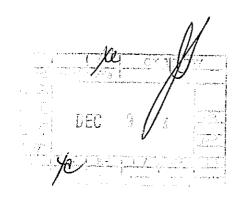
# Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	25	363	Common		3% cc, 2% gel
Production	7.875	4.5	10.5	5100	OWC	212	5# kolseal
Production	7.875	4.5	10.5	2415	60/40 POZ		8% gel, 1/4# flo seal

	REMIT TO			MAIN OFFICE			
Oil Well Services, LLC	Consolidated Oil Well Services,LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346			P.O.Box884 Chanute,KS 66720 620/431-9210,1-800/467-8676 Fax 620/431-0012			
Invoice			Invoice#	802			
Invoice Date: 11/30/14	Teri	ms: Net 30		Page	1		
LARIO OIL & GAS							
P.O. BOX 1093 GARDEN CITY KS 637846 USA 3162655611		BERI Ju 12-4	NING A #1-7 Iling / 2 3-14 / K	Eurface			
Part No Description		Quantity	Unit Price	Discount(%)	Total		
5401 Cement Pumper		1.000	1,150.0000	15.000	977.50		
5406 Mileage Charge		40.000	5.2500	15.000	178.50		
5407A Ton Mileage Deliv	ery Charge	1.000	740.6000	15.000	629.51		
1104S Class A Cement		225.000	18.5500	15.000	3,547.69		
1102 Calcium Chloride	50#)	634.000	0.9400	15.000	506.57		
1118B Premium Gel / Ber	itonite	423.000	0.2700	15.000	97.08		
4432 8 5/8 Wooden Plu	9	1.000	100.7500	15.000	85.64		
1111 Sodium Chloride (	Granulated Salt)	100.000	0.0000	0.000	0.00		
				Subtotal	7,085.27		
			Discounted	Amount	1,062.79		
			SubTotal After I	Discount	6,022.48		
				•	aid after 12/30/14		

Tax:	345.31
Total:	6,367.80

OAKLEY, KS 785/672-8822



EL DORADO,KS 316/322-7022

EUREKA, KS 620/583-7554

PONCA CITY, OK 580/762-2303

OTTAWA, KS 785/242-4044

CUSHING, OK 918/225-2650

THAYER, KS 620/839-5269

GILLETTE, WY 307/686-4914

6	Postoor ID.	A. 1987 Karl (776)	unu.		1248	TICKET NUM	3er <u>4</u>	7913
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	Chanute, KS 6672	20		& TREA			SHIE KEALS	•
DATE	or 800-467-8676		L NAME & NUMB		SECTION.	TOWNSHIP	RANGE	COUNTY
	4793			7	7	1.9	35	Wichita
1/30/14 USTOMER	4710	Bernis	9 <del>F</del>	, Marianthal	自己的复数问题的			
	Lario OI	1 + Gas	· · · · · ·	5 south	TRUCK#	DRIVER	TRUCK #	DRIVER
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ITY		STATE	ZIP CODE	1/4 N	539:	-ance		· · · · · · · · · · · · · · · · · · ·
		HOLE SIZE	1.2 <sup>1</sup> /d	HOLE DEPTI	H 31.21	CASING SIZE & V	VEIGHT ASID	JULIES
	-	DRILL PIPE		TUBING		OFONIO OILE OF	OTHER	<u>, cav rec</u>
LURRY WEIG		SLURRY VOL	· · ·	WATER gal/s	sk 6.5	CEMENT LEFT In		
		DISPLACEMEN	•	MIX PSI	· · · · · · · · · · · · · · · · · · ·	RATE	· · · · · · · · · · · · · · · · · · ·	
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CODE	QUANITY		•		• • • • • •			1 · I
540		or UNITS	DES		f SERVICES or PR	ODUCT	UNIT PRICE	TOTAL.
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	1 40				f SERVICES or PR	ODUCT	UNIT PRICE	TOTAL,
s you .	1 40		PUMP CHARGE	5		OBUCT	UNIT PRICE	TOTAL.
s you .	70		PUMP CHARGE	5		OBUCT	UNIT PRICE	TOTAL.
5404 · · 5407 ·	70	5	PUMP CHARGE	qe Örlir	2cry	OBUCT	UNIT PRICE	TOTAL.
5404 · · · · · · · · · · · · · · · · · ·		ક ક⊮ડ	PUMP CHARGE MILEAGE Ton Milea C1835	eqe Delic A comen	ery	OBUCT	UNIT PRICE	TOTAL.
5406 · · · · · · · · · · · · · · · · · · ·	- 10,5°/	ક ક⊮ડ	PUMP CHARGE MILEAGE Ton Milea Class Calciam Bentoni	ege Delin A comen Chloric te	ecry 2t-	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55	TOTAL. 1150-00 210.00 740.60 4173.75
5406 5407 11045	10,57/ 2235 634 <sup>±</sup> 423 <sup>±</sup>	ક ક⊮ડ	PUMP CHARGE MILEAGE Ton Milea Class Calciam Bentoni	ege Delin A comen Chloric te	ecry 2t-	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 18.55 .94	TOTAL. 1.150-00 -2.10.00 7.40.60 
5406 5407 11045 1102 1188	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class_I Calcium	ege Delin A comen Chloric te	ecry 2t-		UNIT PRICE 1/50-00 5 25 1.75 18 55 .94 .27	TOTAL. 1.150-00 -2.10.00 7.40.60 
5406 5407 11045 1102 1188	10,57/ 2235 634 <sup>±</sup> 423 <sup>±</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class Calcium Bentoni 65% wo	ege Delin A comen Chloric te	ecry 2t-	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75	TOTAL. 1150-00 210.00 740.60 4173.75 595.96 114.21
5406 5407 11045 102 118 118 118 118 118 118 118 118 118 11	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class Calcium Bentoni 65% wo	ege Delin A comen Chloric te	ecry 2t-	OBUCT	UNIT PRICE 1/50-00 5 25 1.75 18 55 .94 .47 100.75 NC	TOTAL. 1.150-00 2.10,00 7.40.60 4.173.75 S95.96 1.14.21 1.00.75 N.C
5406 · · · · · · · · · · · · · · · · · · ·	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class Calcium Bentoni 65% wo	ege Delin A comen Chloric te	ecry 2t-	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .97 100.75 NC Sulc	TOTAL. 1150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27
5406 · · · · · · · · · · · · · · · · · · ·	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wood Salt	ege Delin A comen Chloric te	ecry 2t-	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75 NC SULC IESS 15%	TOTAL. 1.150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79
5406 · · · · · · · · · · · · · · · · · · ·	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wood Salt	ege Delin A comen Chloric te	ecry 2t de	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .97 100.75 NC Sulc	TOTAL. 1.150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79 6022.48
5406 5407 11045 1102 1188	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wood Salt	ege Delin A comen Chloric te	ecry 2t de	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75 NC SULC IESS 15%	TOTAL. 1.150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79
5404 5407 11045 1102 1188	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wood Salt	ege Delin A comen Chloric te	ecry 2t de	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75 NC SULC IESS 15%	TOTAL. 1.150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79 6022.48
5404 5407 11045 1102 118 118 118 118 118 118 118 118 118 11	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wood Salt	ege Delin A comen Chloric te	erry it de	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75 NC SULC IESS 15%	TOTAL. 1.150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79 6022.48
5406 5407 11045 1102 1188	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wood Salt	ege Deliu A comen Chioria te oden Plu	erry it de	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75 NC SULC IESS 15%	TOTAL. 1150-00 210.00 740.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79 6022.48
5406 · · · · · · · · · · · · · · · · · · ·	10,57/ 2235 634 <sup>42</sup> 423 <sup>42</sup>	5 5 KS	PUMP CHARGE MILEAGE Ton Miles Class I Calciam Bentoni 65% wor Salt	ege Deliu A comen Chioria te oden Plu	erry it de	OBUCT	UNIT PRICE 1/50.00 5.25 1.75 18.55 .94 .27 100.75 NC SULC IESS 15%	TOTAL. 1.150-00 -2.10,00 7.40.60 4173.75 595.96 114.21 100.75 NC 7085.27 1062.79 6022.48

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#### TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others' will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

#### SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS-shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS. Customer shall be responsible for and indemnify and hold COWS harmless from any claim for. (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation '. performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of -circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the . running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

. . . . . . . . .

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services. furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

#### WARRANTIES - LIMITATION OF LIABILITY

COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of. the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

. . . .

		REMIT TO Consolidated Oil Well Services,LLC Dept:970 P.O.Box 4346 Houston,TX 77210-4346			MAIN OFFICE			
				2	P.O.B Chanute,KS 620/431-9210,1-800/467 Fax 620/431			
Invoice				Invoice#	802	2695		
Invoice Date: 12/	======================================	<u> </u>	Terms: C.O.D.		Page			
LARIO OIL & GAS	~~~~	ar nam men ang ang ang ang ang ang ang ang ang an		ge get get get get get het het het niet het niet het niet het die het het het het het het het het het he	nen ged het gen den son een een een ten ben ben ben ben het den een een een een een een een een een	*****		
P.O. BOX 1093 GARDEN CITY KS USA 3162655611	637846			ERNING 1-7A) Aling afe - 22-14 K	14-238			
			. = 2 0 = 0 4 0 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4					
Part No	Description		Quantity	Unit Price	Discount(%)	Total		
5401C	Single Pump		1.000	3,175.0000	15.000	2,698.75		
5406	Mileage Charge		40.000	5.2500	15.000	178.50		
5407A	Ton Mileage Delive	ry Charge	1.000	2,449.3000	15.000	2,081.91		
1126	Oil Well Cement		212.000	23.7000	15.000	4,270.74		
1110A	Kol Seal (50# BAG	)	1,060.000	0.5600	15.000	504.56		
1131	60/40 Poz Mix		540.000	15.8600	15.000	7,279.74		
1118B	Premium Gel / Ben	tonite	3,715.000	0.2700	15.000	852.59		
1107	Flo-Seal		135.000	2.9700	15.000	340.81		
161	Float Shoe 4 1/2 Al	FU	1.000	359.2500	15.000	305.36		
1453	4 1/2 Latch Down F	Ylug	1.000	465.0000	15.000	395.25		
1276A	DV Tool Weatherfo	rd 4 1/2	1.000	4,200.0000	15.000	3,570.00		
1103	Cement Basket 4 1	/2	1.000	275.0000	15.000	233.75		
4129	Centralizer 4 1/2	M	16.000	48.5000	15.000	659.60		
144G-0130	Mud Flush - Oakley	, N	500.000	1.0000	15.000	425.00		
		14	$\mathcal{A}$		Subtotal	27,995.95		
	1 const	East / File 1	( )	Discounte	d Amount	4,199.39		
		Explinite Heat	71-	SubTotal After	r Discount	23,796.56		
		DEC 2 3 20		Amount Du	ue 29,802.12 If p	aid after 12/18/14		
un un en an		18-			Tax:	1,535.25		
			ni na sana ang sana n Ing sana ang		Total:	25,331.81		

EL DORADO,KS 316/322-7022 EUREKA, KS PONO 620/583-7554 580

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PONCA CITY, OK 0 580/762-2303 7

OAKLEY, KS 785/672-8822 THAYER, KS GI 620/839-5269 30

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

Oil Well Services, LLC

00700

1545
1494
INVOICE #80 FIELD TICKET & TREA

TICKET NU	MBER_		47	8
LOCATION_	Oal	Clay	Ks	

39

FOREMAN COLD DAVIS

TMENT REPORT Jurry

	nanute, KS 667 or 800-467-8676			CEMEN	Т			160.
DATE	CUSTOMER #	WEL	L NAME & NUM	BER	SECTION	TOWNSHIP	RANGE	COUNTY
12/11/14	4793	Bern	ing 1-7 1	<u> </u>	7	19	35 W	Wichita
CUSTOMER	1 (	1	<i>.</i>	1				
	Lario	<u>u()</u>		1	TRUCK #	DRIVER	TRUCK#	DRIVER
MAILING ADDRE	ESS				731/	Jeromy R.	<u> </u>	
					693	J050 -	<u> </u>	
CITY		STATE	ZIP CODE		528	Robert R.		
			1			Larry H		
JOB TYPE Dr	-od	HOLE SIZE	1 7/8	HOLE DEPTH	5,100	CASING SIZE & V	иеі <u>днт ч Ча</u>	10.5
CASING DEPTH		DRILL PIPE		TUBING			OTHER Shok	
SLURRY WEIGH	IT14.2/12.3	SLURRY VOL	42/ 19	WATER gal/s	<u>k6.5/10.8</u>	CEMENT LEFT in	CASING 10 %	ч
DISPLACEMENT	1 82/19/4	DISPLACEMEN	T PSI 804 /8 60	MIX PSI 20	N / 200	RATE 6 B RAN	<u>\'n</u>	
REMARKS: 5	after meet	ina, Qia 1	up on Mu	rfin Ria	4 Run cas	ing and flow	+ Equipm	<u>crt</u>
central	izers on i	Eint 122,11	9,116,112,11	0,107,10	4, 101, 98,95	,92,84 36,9	83,60, and 5	1
Besket 0	to ford on a	658 DV1	raci Botto	409 57 t	000F58 51	hoe joint 1	3' finsh r	UNING COM
to botton	PUMO Å	Il through a	+ 650 051	circulat	2 For 1:30,	LOOK UP t	e to pun	A fruck
PUDO 5BI	BL Water mi	× mod Flu	ST EBBLW	ater buhing	1 mix 212	oler O.W.C. 1	5# Kaleval	shut down
Release.	alun Nisn	Lace HOE	PRL water "	12 BBL M	ud Pluc las	1) at 1200 p	5 OPEN	DVTOU
0 + 900 pr	. C.C.Vlete	3 hours Pl	VE MH/RH	with 500	k. of 60,40	Mix 490 60	140 poz m	1x 8%
Gr. 1 1.25	#floszal ch	ut douto Re	Less plug	Disola	42, 39 /4 BB	Water Fina	1;47 800	<b>&gt;</b> 5(
	) id at 1500						· · · · · ·	•
¥		_ <u></u> y		·····		Thanks	Cory D. LA	Crew .
ACCOUNT		or UNITS	DE	SCRIPTION of	SERVICES or PR		UNIT PRICE	TOTAL
CODE							217500	7 1 7 5 -0
5401 L .			PUMP CHARG	E				3,175.00
EHOL .	L 40		MILEAGE				5.25	210.00

5401 6	~ í	PUMP CHARGE	3,175,00 3,175,00
5406	40	MILEAGE	5.25 210.00
5407A	34,99	Ton Milsage Delivery	1.75 2 449.30
1126	212	0.4.2.	23.70 5,024.40
1110A	1'060#	Kol seal	.56 593.60
1 131	540	60/40 Poz Mix	15.86 8,5 64.40
11183	3,715	Bentonito (gel)	. 27 1, 003.05
1107	135	flo seal .	2,97 400,95
4161		AFU Float Shoe	359.25 359.25
4453		4 1/2 Latch Down + Plug	465.00 465.00
4276 A		4 1/2 QV Tool	4,200,00 4 200,00
4103	1	4 Ya Baskat	275.00 275.00
4129	6	41/2 centralizers	48.50 776.00
1144G	500 Gel	OVIOO Mudflush	1.00 500.00
		2	5ubtotal 27,995.95
· .	AFE 1	4-238	15% 1053 4, 199.39
			subtetal 23,796.56
			SALES TAX 1535.25
Ravin 3737			TOTAL 25,331.81
AUTHORIZTION 7	whe fathering.	TITLE_ JUROMAN	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.

#### TERMS

In consideration of the prices to be charged for Consolidated Oil Well Services, LLC (COWS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay COWS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event COWS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by COWS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All COWS' prices are subject to change without notice.

#### SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by COWS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) COWS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of COWS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of COWS, Customer shall be responsible for and indemnify and hold COWS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by COWS; (3) injury to or death of persons, other than employees of COWS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hole; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) subsurface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. COWS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools.

Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) COWS makes no guarantee of the effectiveness of any COWS' products, supplies or materials, or the results of any COWS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, COWS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by COWS. COWS' personnel will use their best efforts in gathering such information and their best judgement in interpreting it, but Customer agrees that COWS shall not be responsible for any damage arising from the use of such information except where due to COWS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) COWS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that COWS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify COWS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

#### WARRANTIES - LIMITATION OF LIABILITY

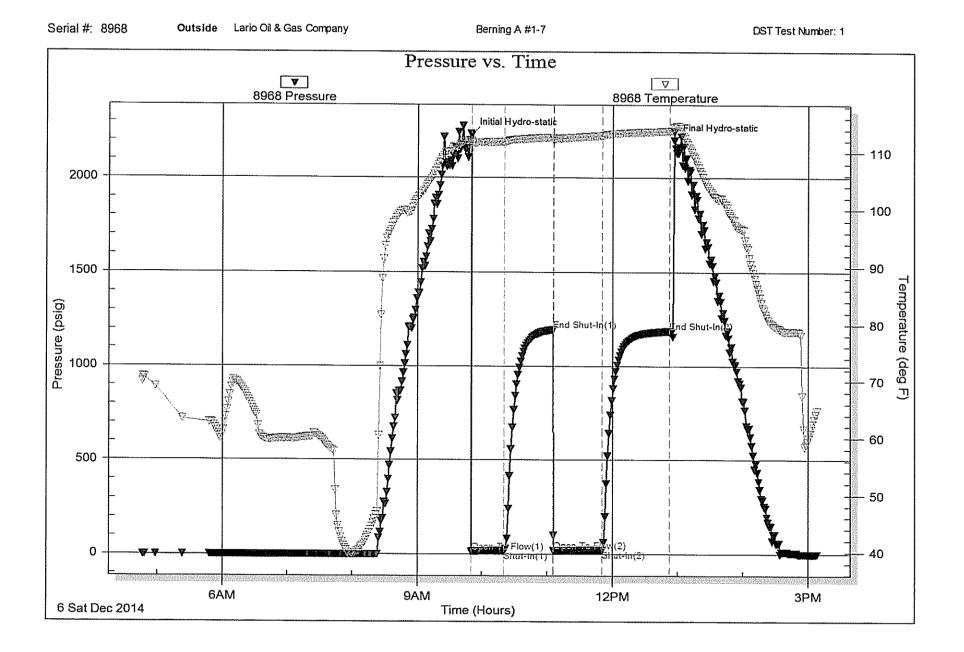
COWS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE. WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. COWS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of any COWS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to COWS or, at COWS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against COWS for any special, incidental, indirect, consequential or punitive damages.

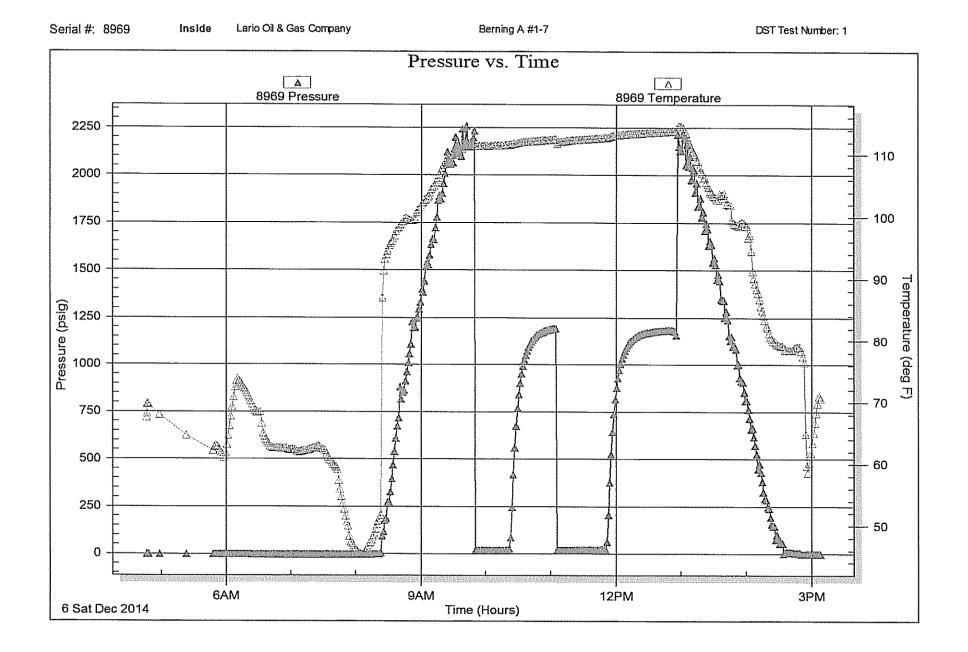
RILOBITE	DRILL STEM TES	ST REPO	ORT				
	Lario Oil & Gas Company			7-19s-35w-Wichita Co, KS			
ESTING , INC	301 S. Market St. Wichita, KS 67202			ing A #1 cket: 5658		<b>F#: 1</b>	
	ATTN: Mac Armstrong		Test S	itart: 2014	.12.06 @ 04:46:0	0	
GENERAL INFORMATION: Formation: Lkc 'L' Deviated: No Whipstock: Time Tool Opened: 09:50:00 Time Test Ended: 15:08:00 Interval: 4404.00 ft (KB) To 4 Total Depth: 4438.00 ft (KB) (To			Test Ty Tester Unit No Refere	: Cor		.Hole (Initial) .00 ft (KB) .00 ft (CF)	
Hole Diameter: 7,88 inchesHo	e Condition:			KB to G	BR/CF: 15	.00 ft	
Serial #: 8968OutsidePress@RunDepth:21.45 psigStart Date:2014.12.06Start Time:04:46:05	<ul> <li>@ 4405.00 ft (KB)</li> <li>End Date:</li> <li>End Time:</li> </ul>	2014.12.06 15:08:00	Capacity: Last Calib.: Time On Btr Time Off Btr	n: 201	8000 2014.12 4.12.06 @ 09:49 4.12.06 @ 12:57	:45	
TEST COMMENT: IF: Weak surfact ISI: No return FF: No blow FSI: No return		1					
Pressure vs.	ato forpentes	Timo			SUMMARY		
		Time (Min.) 0 1 31 76 76 121 183 188	(psig) (0 2226.02 1 12.90 1 16.85 1 196.22 1 17.86 1 21.45 1 1188.38 1	deg F) 112.07 Ini 110.43 O 111.87 Sh 112.67 En 112.14 Op 112.93 Sh 113.77 En	itial Hydro-static pen To Flow (1) hut-In(1) nd Shut-In(1) pen To Flow (2)		
Recovery				Gas R	Rates		
Length (ft) Description	Volume (bbi)			Choke (inche	s) Pressure (psig)	Gas Rate (Mct/d)	
10.00 Mud 100m	0.05						
JJ.	Ref No: 56581				14 12 06 @ 17·18		

RILOBITE	DRILL STEM TES	ST REP	ORT			
	Lario Oil & Gas Company		7-19s-35w	/-Wichita	Co, KS	
ESTING , INC	301 S. Market St. Wichita, KS 67202		Berning / Job Ticket:		DST#:	4
	ATTN: Mac Armstrong			2014.12.06 @		•
GENERAL INFORMATION: Formation: Lkc'L' Deviated: No Whipstock: Time Tool Opened: 09:50:00 Time Test Ended: 15:08:00 Interval: 4404.00 ft (KB) To 44	ft (KB) 38.00 ft (KB) (TVD)		Test Type: Tester: Unit No: Reference B	Convention Cornelio La 44 ⊒evations:	nda III	ole (Initial) ) ft (KB)
Total Depth: 4438.00 ft (KB) (T Hole Diameter: 7.88 inchesHole	-		KE	to GR/CF:	3215.00 15.00	) ft (CF) ) ft
Serial #:8969InsidePress@RunDepth:psigStart Date:2014.12.06Start Time:04:46:05	@ 4405.00 ft (KB) End Date: End Time:	2014.12.06 15:08:00	Capacity: Last Calib.; Time On Btm: Time Off Btm:		8000.00 2014.12.06	
TEST COMMENT: IF: Weak surface ISI: No return FF: No blow FSI: No return	blow -Built to 1/2" blow					
Pressure vs. T				IRE SUMN		
EDITION 220 200 400 400 400 400 400 400	BOD Derivation		Pressure Temp (psig) (deg F		ion	
Recovery			G	as Rates		
Length (1) Description 10.00 Mud 100m	Volume (bb) 0.05		Choke	(inches) Press	ure (psig) G	as Rate (Mcf/d)
	Ref No: 56581			1. 2014 12 OF		

	DRILL STEM TEST REPORT	•	
RILOBITE			FLUID SUMMARY
TESTING, INC	Lario Oil & Gas Company	7-19s-35w-Wichita Co	), KS
	301 S. Market St. Wichita, KS 67202	Berning A #1-7	
		Job Ticket: 56581	DST#:1
	ATTN: Mac Armstrong	Test Start: 2014.12.06 @ 0	04:46:00
Mud and Cushion Information			
Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal Viscosity: 55.00 sec/qt	Cushion Length: Cushion Volume:	ft Water Salinity: bbl	: ppm
Water Loss: 7.20 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: 0.00 ohm.m Salinity: 6300.00 ppm	Gas Cushion Pressure:	psig	
Filter Cake: 1.00 inches			
Recovery Information			
	Recovery Table		
Leng	gth Description	Volume bbl	
	10.00 Mud 100m	0.049	
Total Length:	10.00 ft Total Volume: 0.049 bbl		
Num Fluid Sam		Serial #:	
Laboratory Nar Recovery Com			
1			



Ref. No: 56581

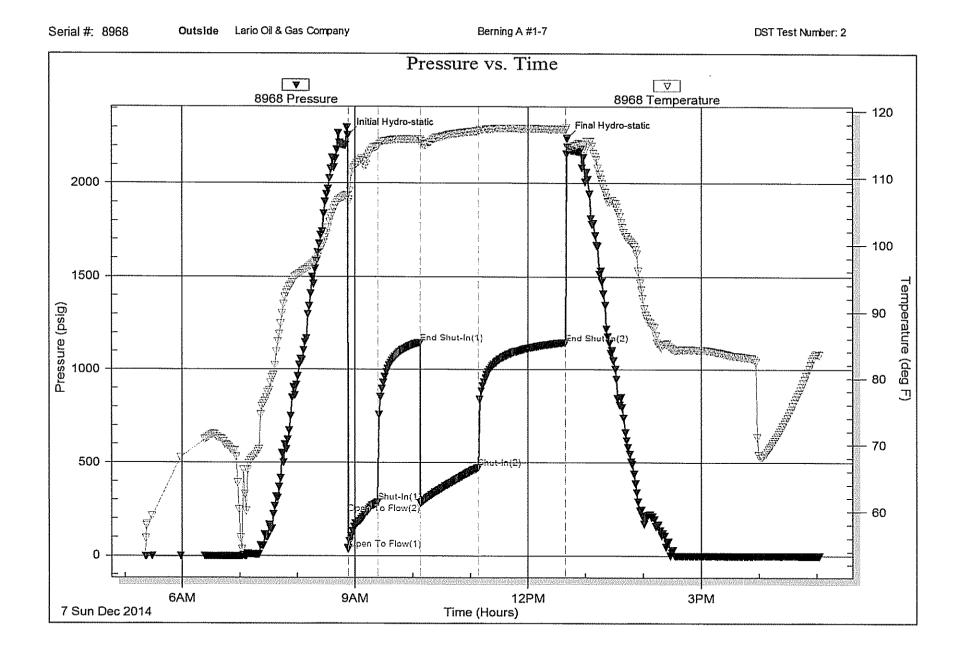


Ref. No: 56581

RILOBITE	DRILL STE	M TEST R	EPORT			
	Lario Oil & Gas Comp	any	7-19s-35w-Wichita Co, KS			
ESTING,	INC 301 S. Market St.		В	erning A	#1-7	
	Wichita, KS 67202			b Ticket: 50		DST#:2
	ATTN: Mac Armstro	na	Те	st Start: 20	014.12.07 @	05:21:00
GENERAL INFORMATION:						
Formation: Marmaton Deviated: No Whipston Time Tool Opened: 08:53:00 Time Test Ended: 17:03:00	ck: ft (KB)		Τe	ster:	Conventional Cornelio Land 44	Bottom Hole (Reset) da III
	4575.00 ft (KB) (TVD)		Re	ference Be	evations:	3230.00 ft (KB)
Total Depth: 4575.00 ft (KB				KD I		3215.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition:			КВ 1	to GR/CF:	15.00 ft
Serial #: 8968 Outside						
Press@RunDepth: 472.07 p Start Date: 2014.12		2014.1	Capaci 12.07 Last Ca	-		8000.00 psig 2014.12.07
Start Time: 2014.12			12.07 Last Ca 03:00 Time O		ء 2014.12.07 @	
			Time O		2014.12.07 @	
			o.b. in 30 min.			
	E vs. Time		F me Pressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02	Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2)	-static -static (w (1) (1) (2)
	= vs. Time	100 F	F me Pressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24	Annotation Initial Hydro Open To Flo Shut-In(1) End Shut-In Open To Flo	-static bw (1) (1) bw (2) (2)
ERD DE 20H	e vs. Time	22 Till (M 112 Torstratus (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	-static bw (1) (1) (2) (2) (2) -static
ESTIMATION DESCRIPTION	e vs. Time	22 Till (M 112 Torstratus (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	-static bw (1) (1) (2) (2) (2) -static
Employed and the second	e ve. Time	22 Till (M 112 Torstratus (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static ow (1) (1) (1) ow (2) (2) (2) (2) -static
Ength (1) Descriptor 275.00 G & Mcw 10g 10m 8 470.00 G & Ocm 25g 25o 50	e ve. Time	22 Till (M 112 Torstratus (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	-static ow (1) (1) (2) (2) -static
Ength (1) 275.00 275.00 275.00 381.00 G & Ocm 25g 25o 50 381.00 G & Ocm 30g 35o 35	e vs. Time	22 Till (M 112 Torstratus (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static ow (1) (1) (2) (2) (2) -static
Ender The formation of the second se	E vs. Time	22 Till (M 112 Torpretator (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static ow (1) (1) (1) ow (2) (2) (2) (2) -static
Ength (1) 275.00 275.00 275.00 381.00 G & Ocm 30g 35o 35 Comparison Com	E vs. Time	22 Till (M 112 Torpretator (1937) 75 75 75 75	Fressure (psig) 0 2256.49 1 36.35 31 289.25 75 1146.40 75 283.99 136 472.07 227 1145.26	Temp (deg F) 107.42 106.32 114.70 115.73 115.15 117.02 117.24 115.76	Annotation Initial Hydro Open To Fit Shut-In(1) End Shut-In Open To Fit Shut-In(2) End Shut-In Final Hydro	n -static ow (1) (1) (1) ow (2) (2) (2) (2) -static

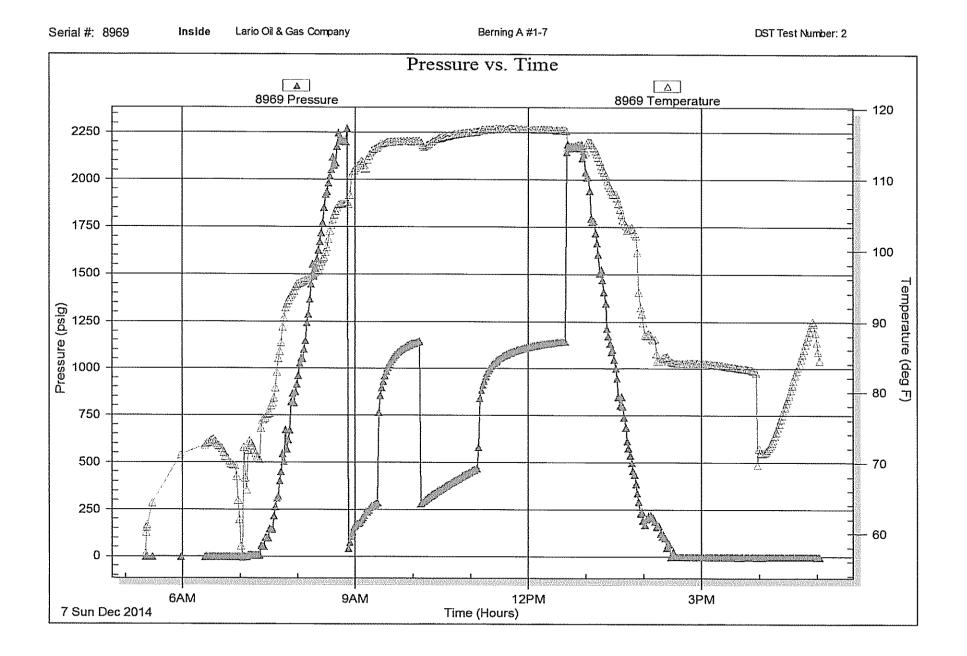
	RILOBITE	DRILL STEM TEST REPORT						
正式	And the second se	Lario Oil & Gas Company		7-19s-35w-Wichita Co, KS				
目目	ESTING , INC			Be	rning A	\ #1-7		
		Wichita, KS 67202		Job	Ticket: 5	56582	DST#: 2	
	1	ATTN: Mac Armstrong		Tes	st Start: 2	2014.12.07 @	@ 05:21:00	
GENERAL	L INFORMATION:							
	Marmaton No Whipstock: pened: 08:53:00 nded: 17:03:00	ft (KB)		Tes	st Type: ster: t No:	Convention Cornelio La 44	al Bottom Hok Inda III	e (Reset)
nterval:	4491.00 ft (KB) To 45			Ref	erence E	levations:	3230.00	
Total Depth: Hole Diamete		,			КВ	to GR/CF:	3215.00 15.00	
Serial #:	8969 Inside							
Press@Runi		@ 4493.00 ft (KB)		Capacity	':		8000.00	psig
Start Date:	2014.12.07	End Date:	2014.12.07				2014.12.07	
Start Time:	05:21:05	End Time:	17:03:00	Time On Time Off				
201 000	VMENT: IF: B.o.b. in 6 mir ISI: Bled off in 3 FF: B.o.b. in 8 mi	min No return						
		min Weak surface blow bac	k-Built to B.o.b. in	30 min.				
*****	Pressure vs. T			P	RESSU	RE SUMN	IARY	
=== [			Time	Pressure	Temp	Annotati	ion	
2009 [	C (5)		- #8 (MIN.)	(psig)	(deg F)			
1735 5235 5235 723 5235 723 723 723 723 723 723 723 723			- 199 - 199	(psig)	(ueg r)			
700	Recovery		- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)		as Rates		
	The plan j		- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rete (Mct/d)
500 500 700 700 200 200 200 200 0 0 0 0 0 0 0	Recovery		- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rete (Mct/d)
500	Recovery	Volume (bbl)	- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rate (Mct/d)
200	Recovery Description G & Mcw 10g 10m 80w	Volume (bbl) 1.35	- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rate (Mct/d)
200	Recovery Description G & Mcw 10g 10m 80w G & Ocm 25g 25o 50m	Volume (bbl) 1.35 6.59	- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rete (Mct/d)
Ength (II) 275.00 470.00 381.00	Recovery           Description           G & Mcw 10g 10m 80w           G & Ocm 25g 25o 50m           G & Ocm 30g 35o 35m	Volume (bbl) 1.35 6.59 5.34	- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rete (Mct/d)
Eength (ft) 275.00 381.00 0.00	The phanip           Recovery           Description           G & Mcw 10g 10m 80w           G & Ocm 25g 25o 50m           G & Ocm 30g 35o 35m           GIP 371	Volume (bbl) 1.35 6.59 5.34 0.00	- 192 - 192 - 1923 - 1925 - 1937 - 195 - 1	(psig)	Ga	as Rates	ure (psig) Gas	Rate (Mct/d)

(Or)-	RILOBI		DRI	LL STEM TEST RI	EPORT			FLUID SUMMARY
			Lario C	)il & Gas Company		7-19s-35w	Wichita Co	, KS
	ESTI	NG , INC	301 S.	Market St.		Berning A	#1-7	
	-			a, KS 67202		Job Ticket: 5		DST#: 2
			ATTN:	Mac Armstrong		Test Start: 2	014.12.07 @ 0	5:21:00
Mud and Cu	valažava lusfa							
		rmauon		Cuphing Turner			Oil API:	33 deg API
Mud Type: Ge Mud Weight:	el Chem 10.00 lb	vical		Cushion Type: Cushion Length:			Water Salinity:	40000 ppm
Viscosity:	48.00 s	-		Cushion Volume:		bbl		
Water Loss:	7.20 in			Gas Cushion Type:				
Resistivity:	0.00 ol	hm.m		Gas Cushion Pressure:		psig		
Salinity:	6500.00 p	pm						
Filter Cake:	1.00 in	iches						
Recovery In	formation							
	r			Recovery Table			٦	
		Lengt ft	h	Description		Volume bbl		
			275.00	G & Mcw 10g 10m 80w		1.352		
			470.00	G & Ocm 25g 25o 50m		6.593	•	
			381.00	G & Ocm 30g 35o 35m		5.344	-	
			0.00	GIP 371 RW .172 @ 75=40000		0.000	1	
	L Tot:	al Length:	1126	*****	13.289 bbl	0.000	1	
		n Fluid Samp			0	Serial #:		
		oratory Nam		Laboratory Location:				
	1100	Jovery Conn	KIND.					



Ref. No: 56582

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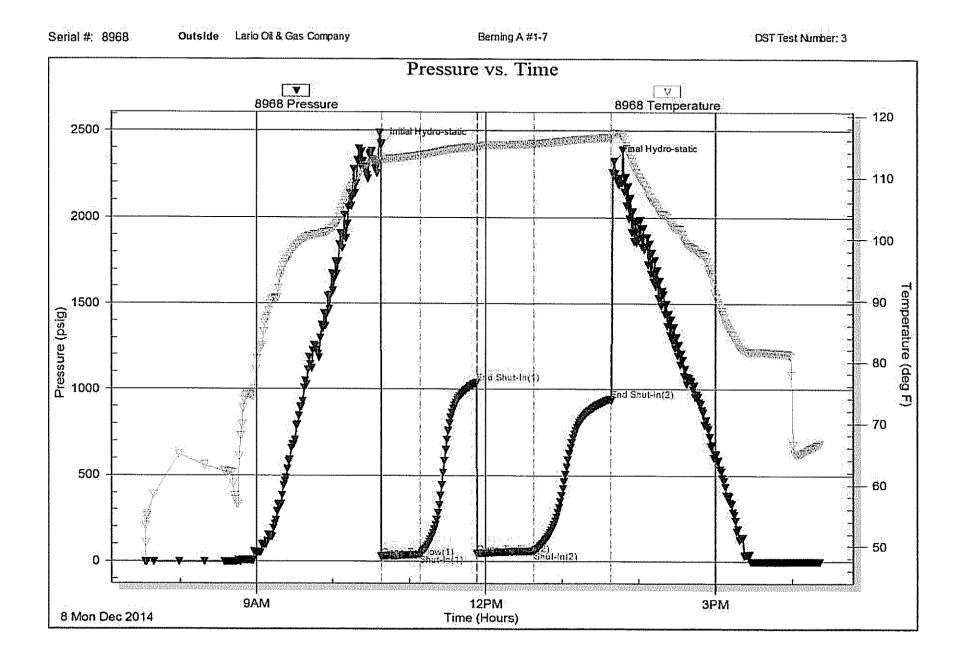


Ref. No: 56582

Printed: 2014.12.07 @ 21:10:36

	DRILL STEM TES	ST REP	ORT			
	Lario Oil & Gas Company		7-1	9s-35w-	Wichita C	o, KS
ESTING , INC	301 S. Market St.		Bei	rning A	#1-7	
	Wichita, KS 67202		Job	Ticket: 56	5583	DST#: 3
	ATTN: Mac Armstrong		Tes	l Start: 20	014.12.08 @	07:32:00
GENERAL INFORMATION:				*******	Maanda ta ka	
Formation:         Cherokee Lime           Deviated:         No         Whipstock:           Time Tool Opened:         10:37:45           Time Test Ended:         16:22:00	ft (KB)		Tes Tes Unit	ter:	Conventiona Cornelio Lan 44	l Bottom Hole (Reset) da III
Interval: 4656.00 ft (KB) To 46 Total Depth: 4684.00 ft (KB) (TN Hole Diameter: 7.88 inchesHole	/D)		Refe	erence Ele KB t	o GR/CF:	3230.00 ft (KB) 3215.00 ft (CF) 15.00 ft
Serial #: 8968 Outside						
Press@RunDepth: 60.64 psig			Capacity			8000.00 psig
Start Date:         2014.12.08           Start Time:         07:32:05	End Date: End Time:	2014.12.08 16:22:00	Last Calit Time On I	Btm:	: 2014.12.08 (	2014.12.08 @ 10:37:30
			Time Off	Btm: 2	2014.12.08 (	@ 13:40:15
FSI: Bled off in 2	ninNo return Built to B.o.b. in 44 min. minNo return	-				
Pressure vs. T		77				
220 300 400 400 400 400 400 400 40		Time (Min.) 0 1 31 75 76 121 181 183	Pressure (psig) 2418.12 26.57 39.95 1039.83 44.02 60.64 943.25 2322.31	115.45	Open To Fl Shut-In(1) End Shut-In Open To Fl Shut-In(2) End Shut-In	o-static ow (1) a(1) ow (2) a(2)
Recovery	·····		Į	Gas	s Rates	
Length (N) Description	Volume (bbl)			Choke (ir	nches) Pressur	e (psig) Gas Rate (Mct/d)
92.00 Ocm 45o 55m	0.45					
92.00 Mcg & O 10m 35g 55o	0.45					
1.00 Co 0.00 GIP=94	0.00					
0.00 GIP=94	0.00					
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 56583	<u> </u>		Defect of the	2014.12.08 (	G 40-00-40

TOW		NTC	DR	LL S	TEM TEST F	REPORT	***		FLUID S	UMMARY
		<b>EXAMPLE</b>		)il & Gas (	Company	· · · · · · · · · · · · · · · · · · ·	7-19s-35w	-Wichita C	Co, KS	
	<b> </b> EST			301 S. Market St. Wichita, KS 67202				4 <b>1-7</b>	DST#:3	
	<b>N</b>		ATTN:	Mac Arr	nstrong		Test Start: 2	014.12.08 @		
Mud and	Cushion Info	ormation								
Mud Type:	Gel Chem			C	Sushion Type:			OILAPI:		deg API
Mud Weight:		-			Cushion Length:		ft	Water Salini	ty:	ppm
Viscosity:	50.00 s				Sushion Volume:		bbl			
Water Loss: Resistivity:					Bas Cushion Type:					
Salinity:	0.00 c 8200.00 p	ohm.m		Ċ.	Sas Cushion Pressure	<b>;</b>	psig			
Filter Cake:	2.00 ji 2.00 ii									
Recovery	Information	1				<u> </u>				
		,		F	Recovery Table			-		
		Lengt ft	h		Description		Volume bbl			
			92.00	Ocm 45	o 55m		0.452	1		
			92.00		) 10m 35g 55o		0.452	4		
			1.00	Co			0.005	]		
			0.00	GIP=94			0.000	ļ		
	Tot	al Length:	185	.00 ft	Total Volume:	0.909 bbl				
		m Fluid Samp poratory Nam			Num Gas Bombs: Laboratory Location	0 1:	Serial #:			
		covery Comm			•					



Ref. No: 56583

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