Confidentiality Requested: Yes No

KANSAS CORPORATION COMMISSION **OIL & GAS CONSERVATION DIVISION**

1065947

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:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
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	Duilling Fluid Management Dian
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	1065947
Operator Name:	_ Lease Name:	Well #:
Sec TwpS. R East West	County:	
INCTRUCTIONS: Chaw important tang of formations panatrated	atail all aaraa Bapart all final	anning of drill stome tests siving interval tested, time test

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 She	eets)	Yes No		-	on (Top), Depth ar		Sample
Samples Sent to Geolog	gical Survey	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		☐ Yes ☐ No ☐ Yes ☐ No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
		ADDITIONAL	CEMENTING / SQU	EEZE RECORD			
Purpose:	Depth	Trace of Ocean ant	III On also I land		Turne and D		

Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
Protect Casing				
Plug Off Zone				

No

Did you perform a hydraulic fracturing treatment on this well?	Yes
Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?	Yes
Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry?	Yes

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

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

Shots Per Foot		PERFORATION Specify For		RD - Bridge F Each Interval		0e	٨		ement Squeeze Record I of Material Used)	Depth
TUBING RECORD:	Siz	ze:	Set At:		Packe	r At:	Liner Ru	un:	No	
Date of First, Resumed	I Producti	ion, SWD or ENHF	ł.	Producing N		ping	Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bbl	S.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
									I	
DISPOSITI	ION OF G	GAS:			METHOD		TION:		PRODUCTION INT	ERVAL:
Vented Solo	d 🗌 l	Used on Lease		Open Hole	Perf.	Uually (Submit A		Commingled		
(If vented, Su	ıbmit ACC	D-18.)		Other (Specify))	(Subinit /	,	(Submit ACO-4)		

Mail to: KCC - Conservation Division, 130 S. Market - Room 2078, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Ottley A 2-4
Doc ID	1065947

Tops

Name	Тор	Datum
Heebner	3923	-999
Lansing	3967	-1043
Stark Shale	4198	-1274
Hushpuckney	4232	-1308
Base KC	4267	-1343
Marmaton	4328	-1404
Pawnee	4400	-1476
Ft. Scott	4426	-1502
Cherokee Sh	4448	-1524
Johnson	4525	-1601
Morrow	4543	-1619
Basal Penn	4581	-1657
Mississippian	4584	-1660
Spergen	4649	-1725



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

INVOICE

Invoice Number: 129119 Invoice Date: Oct 31, 2011 Page: 1

Federal Tax I.D.#: 20-5975804

Arilling AFE 11-131 11-7-11 LK

CustomerID	Well Name# or Customer P.O.	a second second second second	Terms
Lario	Ottley A#2-4	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 31, 2011	11/30/11

475.00 MAT Lite (Type 2) 119.00 MAT Flo Seal 513.00 SER Handling 17.00 SER Mileage 1.00 CEMENTER LaRene Wentz 1.00 OPER ASSIST Brandon Wilkinson 1.00 OPER ASSIST Brandon Wilkinson NOV 9 2011 	14.50 2.70 2.25 56.43	6,887.50 321.30 1,154.25 959.31
513.00 SER Handling 17.00 SER Mileage 1.00 CEMENTER LaRene Wentz 1.00 EQUIP OPER Darren Racette 1.00 OPER ASSIST Brandon Wilkinson MOV 9 Automation	2.25	1,154.25
17.00 SER 1.00 CEMENTER 1.00 EQUIP OPER 1.00 OPER ASSIST Brandon Wilkinson Mileage LaRene Wentz Darren Racette Brandon Wilkinson NOV 9 2011		
1.00 CEMENTER 1.00 EQUIP OPER 1.00 OPER ASSIST Brandon Wilkinson WOV 9 2011	56.43	959.31
1.00 EQUIP OPER 1.00 OPER ASSIST Darren Racette Brandon Wilkinson NOV 9 2011		
1.00 OPER ASSIST Brandon Wilkinson		
NOV 9 201		
NOV 9 2017		
Subtotal		9 322 36
ALL PRICES ARE NET, PAYABLE Subtotal		9,322.36
30 DAYS FOLLOWING DATE OF Sales Tax		580.31
INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS		9,902.67
CURRENT, TAKE DISCOUNT OF Payment/Credit Applied		
\$ /864.47	e sur e a para	9,902.67

ONLY IF PAID ON OR BEFORE Nov 25, 2011

Voice:	(817) 546-7282
Fax:	(817) 246-3361

Fax: (817) 246-336

Billito:

Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846 Federal Tax I.D.#: 20-5975804

AFE 11-13) 11-7-11 LK

d	iorito	Well Name# or Gustomer P.O.		Payment	
Lari				Net 30	Contraction when when the contract of the second
KS1-		Camplecation		oct 31, 2011	11/30/11
·	I				······································
Quantity	Item	Description		Unit Price 4	
475.00		Lite (Type 2)		2.70	
119.00		Flo Seal		2.70	
513.00		Handling		56.43	
17.00	1	Mileage LaRene Wentz		00.40	505.01
1		Darren Racette			
	EQUIP OPER OPER ASSIST	Brandon Wilkinson			
1.00	UPER ASSIST				
			:		
** ***					
Į		Subtotal			9,322.36
	E NET, PAYABL				580.31
	OWING DATE OI /2% CHARGED				9,902.67
	IF ACCOUNT IS	Total Invoice Amount			9,902.07
	KE DISCOUNT O	Payment/Credit Applied			
		TOTAL			9,902.67
P 型体展之后					

ONLY IF PAID ON OR BEFORE

Nov 25, 2011

	,	
IGNATURE	Kala	
08	••••	

IF PAID IN 30 DAYS

Bid

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\$

ALLIED CEME	ENTING CO., LLC. 036099
Federal T REMIT TO P.O. BOX 31 RUSSELL, KANSAS 67665	SERVICE POINT:
10-31-11 SEC. 4 TWP. 3 RANGE 31	CALLED OUT ON LOCATION JOB START LOD FINISH
	Eley 115 4/2E, SYE, Gotte STATE
CONTRACTOR Southesing 70	
TYPE OF JOB production Top stage HOLE SIZE 778 TD 4200	e CEMENT
CASING SIZE 5/2 DEPTH 5/2001 TUBING SIZE DEPTH	AMOUNT ORDERED 475 Stor Lite Virth
DRILL PIPE DEPTH TOOL DU DEPTH 24291	
PRES. MAX MINIMUM	COMMON@
CEMENT LEFT IN CSG.	POZMIX@
PERFS.	GEL@ CHLORIDE @
DISPLACEMENT 59.27661	A <u>S</u> C @
EQUIPMENT	LITE Typer) 475520 14.50 (887.50
PUMPTRUCK CEMENTER Lakene	
BULK TRUCK # <u>371/287 DRIVER</u> , Brandon BULK TRUCK	@ @
DRIVER	
, REMARKS:	- HANDLING 5/3 5/9 @ 2.25 1154.25 MILEAGE 11874 MILE 959.31
plug meruselide 205K	TOTAL <u>9322.36</u>
Mar 4255 ske alour Casing	SERVICE
waterout	PUMP TRUCK CHARGE NC
Lond plug at 2000 # floathel	MILEAGE @
Mark gors	MANIFOLD@
HARGE TO: Lario Ol/ Gas	@
REET <u>PO BOX 1093</u>	TOTAL -UC
ITY Genden City STATE KS ZIP_6784	16 PLUG & FLOAT EQUIPMENT
AFE 11-131	
	@
Allied Cementing Co., LLC.	@
a are hereby requested to rent cementing equipment d furnish cementer and helper(s) to assist owner or	······································
nifactor to do work as is listed. The above work were	@
ne to satisfaction and supervision of owner agent or ntractor. I have read and understand the "GENERAL	TOTAL
RMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
INTED NAME Larry Karlin	TOTAL CHARGES
SNATURE Jan Kal	DISCOUNT IF PAID IN 30 DAYS
UNATURE Joury had	BG



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

ONLY IF PAID ON OR BEFORE Nov 25, 2011



Invoice Number: 129117 Invoice Date: Oct 31, 2011 Page: 1

Federal Tax I.D.#: 20-5975804

drilling AFE 11-131 11-7-11 LK

CustomerID	Well Name# or Customer P.O.	Paymen	t Terms
Lario	_Ottley A#2-4_	Net 30	Days
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 31, 2011	11/30/11

Quantity	ltem	Description	Unit Price	Amount
	MAT	Gel	21.25	63.75
140.00		ASC	19.00	2,660.00
13.00		Salt	23.95	311.35
700.00		Gilsonite	0.89	623.00
500.00		WFR-2	1.27	635.00
178.00	SER	Handling	2.25	400.50
17.00	SER	Mileage	19.58	332.86
	SER	Production	2,405.00	2,405.00
34.00	SER	Heavy Vehicle Mileage	7.00	238.00
1.00	SER	Manifold Head Rental	200.00	200.00
34.00	SER	Light Vehicle Mileage	4.00	136.00
1.00	EQP	5 1/2 AFU Float Shoe	349.00	349.00
1.00	EQP	5 1/2 Latch Down Plug	277.00	277.00
1.00	EQP	5 1/2 Basket	337.00	337.00
9.00		5 1/2 Centralizers	49.00	441.00
1.00	EQP	5 1/2 DV Tool	4,921.00	4,921.00
1.00	CEMENTER	Larene Wentz NOV 9 2/17		
1.00	EQUIP OPER	Darren Racette		
1.00	OPER ASSIST	JR DeBusk		
ALL PRICES AR	E NET, PAYABLE	Subtotal		14,330.46
	OWING DATE OF	Sales Tax		854.76
	2% CHARGED	Total Invoice Amount	·····	15,185.22
	IF ACCOUNT IS E DISCOUNT OF	Payment/Credit Applied		
		TOTAL		15,185.22
\$ 2860	6.09			1V, 105:22

	ENTING CO., LLC. 036098
REMITTO P.O. BOX 31 RUSSELL, KANSAS 67665	ex I.D.# 20-5975804 SERVICE POINT: Darklag, kap
DATE SEC. 4 TWP 3 RANGE31	CALLED OUT ON LOCATION JOB START JOB FINISH
LEASE WELLH 2-4 LOCATION DA	Els. 115 114 PE (COUNTY STATE
OLD OR WEW (Circle one)	into KS
CONTRACTOR Socithesiand 70	OWNER Same
TYPE OF JOB production bottom sta	sge
CASING SIZE 3/2 DEPTH \$ 7001	_ CEMENT _ AMOUNT ORDERED / 40 SKS ASC /02232A
TUBING SIZE DEPTH	- diegel, De gilsonite
TOOL DEPTH	0300 gal WFR-2
PRES. MAX MINIMUM	COMMON@
CEMENT LEFT IN CSO. 401	POZMIX@ GEL3 \$\frac{1}{2}\$ 7.325
PERFS. DISPLACEMENT //3,70 66/	GEL <u>35/5@21.25</u> 63.75
DISPLACEMENT //3,7066/ EQUIPMENT	_ ASC
	gilsonita 700# @ 89 623.00
PUMPTRUCK CEMENTER Lakene	
BULKTRUCK	- <u>WFK-2 30094 @ 1.27</u> <u>635.00</u> @
BULK TRUCK	@
I DRIVER	@
	- HANDLING <u>178 549</u> @ 2.75 40.50 MILEAGE <u>114 518444</u> & 332.80
REMARKS:	TOTAL 54.7 4
Kun casing, Pump ball through Circ	ulafe IUTAL Warp-ra
Washup Paris & Lines, Release Oli	SERVICE
Displace 50 641 water 63,2661 me	A, DEPTH OF JOB 4700
Drep dart Open DD Tool at 100	PUMPTRUCK CHARGE 2405,00
Circulate por 3. Ars.	MILEAGE 12/2 @ 7.00 23200
Thank you.	MANIFOLD head @ 200.00. Light Delichemilence @ 4.00 786.00
A A A A A A A A A A A A A A A A A A A	@
CHARGE TO: Laro Oll & Gas	
STREET POBOX 1093	TOTAL 277200
SITY Graden City STATE KS ZIP 6 784	
AFE 11-131	PLUG & FLOAT EQUIPMENT AFGFORTShore 34900
(1° = 11° 101	Latchdown plug @ 22200
Fo Allied Cementing Co., LLC.	Baskat @ 33200
You are hereby requested to rent cementing equipment	DU Tool. (9) 4800 482.00
ind furnish cementer and helper(s) to assist owner or	@@
contractor to do work as is listed. The above work was	
lone to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL	TOTAL 6325.00
TERMS AND CONDITIONS" listed on the reverse side.	SALES TAX (If Any)
	TOTAL CHARGES
RINTED NAME Larry Karlin .	DISCOUNT IF PAID IN 30 DAYS
IGNATURE Kal	Bid



24 S. Lincoln Street P.O. Box 31 Russell, KS 67665-2906

Voice: (817) 546-7282 Fax: (817) 246-3361

Bill To:

Lario Oil & Gas Co. P.O. Box 1093 Garden City, KS 67846

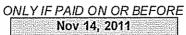
INVOICE

Invoice Number: 128961 Invoice Date: Oct 20, 2011 Page: 1

Federal Tax I.D.#: 20-5975804

Drilling AFE-11-131 CK 10/3/11

Custom	ier ID	Well Name/# or Customer P.O.	Payment	t Terms
Lari	0	Ottlev A #2-4	Net 30	and the second
Job Loc	ation	Camp Location	Service Date	Due Date
KS1-	01	Oakley	Oct 20, 2011	11/19/11
Quantity	ltem	Description	Unit Price	Amount
165.00	MAT	Class A Common	16.2	,
3.00	MAT	Gel	21.2	
6.00	MAT	Chloride	58.2	
174.00	SER	Handling	2.2	
20.00	SER	Mileage	19.14	
1.00	SER	Surface	1,125.0	
40.00	SER	Heavy Vehicle Mileage	7.0	
1.00	SER	Manifold Head Rental	200.00	200.00
40.00	SER	Light Vehicle Mileage	4.00	0 160.00
1.00	CEMENTER	Alan Ryan		
1.00	EQUIP OPER	Wayne McGhghy	ad	\cap
			NOV 2 2011	
		Subtotal	· · · · · ·	5,633.50
	E NET, PAYABLI OWING DATE OF		******	249.08
INVOICE. 11	/2% CHARGED	Total Invoice Amount		5,882.58
	IF ACCOUNT IS	Doumont/Crodit Applied		
CURRENT, TAK	E DISCOUNT OI	TOTAL		5,882.58
\$ 1126.	70			5,002.30



ALLIED CEMENTING CO., LLC. 036022

Federal Tax LD.# 20-5975804 REMIT TO P.O. BOX 31 SERVICE POINT RUSSELL, KANSAS 67665 TWP./2 RANGE CALLED OUT ON LOCATION JOH START JOB FINISH 2 10/20 DATE LOCATION COUNTY LEASE OHION A WELL 649 Cone OLD OR NEW (Circle one) Feto CONTRACTOR Smathwin 7P OWNER TYPE OF JOB 2m Far HOLE SIZE T.D. CEMENT AMOUNT ORDERED 165 Com 3900 CASING SIZE DEPTH TUBING SIZE DEPTH DRILL PIPE DEPTH TOOL DEPTH PRES. MAX 165 MINIMUM COMMON MEAS. LINE SHOE JOINT POZMIX ര CEMENT LEFT IN CSG. GEL ര PERFS. CHLORIDE 1-ത DISPLACEMENT ASC **(**a) EOUIPMENT ര @ @ CEMENTER PUMPTRUCK le lan 422 (õ HELPER Nonne BULK TRUCK ø @ ~ 347 H DRIVER BULK TRUCK ര 6 DRIVER HANDLING/747/KT ര MILEAGE // S/L MUL **REMARKS:** TOTAL 3 PG Mix Cener SERVICE DEPTH OF JOB PUMP TRUCK CHARGE EXTRA FOOTAGE Franka ø MILEAGE 20 2 @7 MANIFOLD. ര Cite Vehicle 20 @ @ CHARGE TO: LACAO Rilo Cin TOTAD65 STREET CITY STATE ZIP PLUG & FLOAT EOUIPMENT

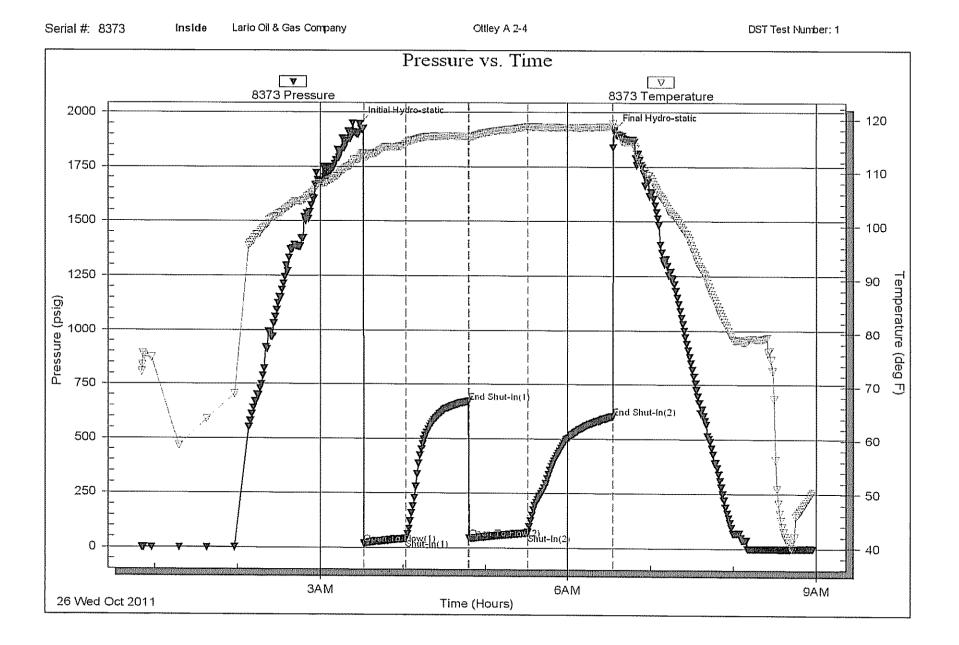
To Allied Cementing Co., LLC. You are hereby requested to rent cementing equipment and furnish cementer and helper(s) to assist owner or contractor to do work as is listed. The above work was done to satisfaction and supervision of owner agent or

·····	@	
	@	
······································	@	
	@	
· · · · · · · · · · · · · · · · · · ·	@	
	TOTAL	

(ONT	RILOBITE	DRILL STEM TE	ST REF	PORT	
変生		Lario Oil & Gas Company		4-13s-31w Gove, Ks	
	ESTING , INC.	+++++++++++++++++++++++++++++++++++++++		Ottley A 2-4	
		Wichita, Ks 67202		Job Ticket: 43851 DST#:1	
		ATTN: Brad Rine		Test Start: 2011.10.26 @ 00:50:41	
GENERAL INF	FORMATION:	annaann ann t-arte t-t-t-t-t-t-t-t-taraanna ann ann ann ann ann ann ann ann			
Formation: Deviated: Time Tool Opened Time Test Ended:		ft (KB)		Test Type: Conventional Bottom Hole (Initial) Tester: Brandon Turley Unit No: 35	I
Interval: 4 Total Depth: Hole Diameter:	030.00 ft (KB) To 40 4060.00 ft (KB) (Tv 7.88 inchesHole			Reference Bevations: 2924.00 ft (KB) 2914.00 ft (CF) 2914.00 ft (CF) KB to GR/CF: 10.00 ft	
Serial #: 837 Press@RunDeptI Start Date: Start Time:	h: 68.37 psig 2011.10.26 00:50:41	End Date: End Time:	2011.10.26 08:57:35		
	NT: IF: 1/4 blow BOB IS: No return. FF: Surface blow FS: No return.	BOB in 37 min.			
	Pressure vs. Ti	1778 (1977) (1977) (1977)		PRESSURE SUMMARY Pressure Temp Annotation	
2702	J. Standard		Time (Min.)	(psig) (deg F)	
1730			0		
			34		
cm [79	9 669.75 116.88 End Shut-In(1)	
			80 123		
720			123 184		
	344		5 185		
	Recovery			Gas Rates	
Lengtin (ft)	Description	Volume (bbl)		Choke (inches) Pressure (psig) Gas Rate (Mc/r	J}
	cw m 30%o 30%w 40%i	n 0.87	L	I I I	
31.00 m	cgo 5%g 75%o 20%m	0.43			
36.00 oi	1100%0	0.50			
·					
		Ref. No: 43851]	Printed: 2011.10.26 @ 10:50:51	

Printed: 2011.10.26 @ 10:50:51

	DRILL STEM T	EST REPOR	Γ	FLUID SUMMARY
RILOBITE		an a	4-13s-31w G Ottley A 2-4	ove, Ks
	Wichita, Ks 67202 ATTN: Brad Rine		Job Ticket: 438 Test Start: 201	51 DST#: 1 1.10.26 @ 00:50:41
Mud and Cushion Information				
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:50.00 sec/qtWater Loss:7.20 in³Resistivity:0.00 ohm.mSalinity:2200.00 ppmFilter Cake:1.00 inches	Cushion Ty Cushion Le Cushion Vo Gas Cushio	ngth:		il API: 400 API /ater Salinity: 32000 ppm
Recovery Information				
	Recovery		T	
Ler Ler	gth Descrip t	tion	Volume bbl	
	62.00 ocw m 30% o 30%		0.870	
	31.00 mcgo 5%g 75%o 2 36.00 oil 100%o	20%111	0.435	
Total Length:	129.00 ft Total Vo	olume: 1.810 bbl		eren An
Num Fluid Sar Laboratory N Recovery Co	•	s Bombs: 0 ory Location:	Serial #:	
·····,	.36@43=32000			
		:		
•				
Trilobite Testing, Inc	Ref. No: 43851		Printed: 20	011.10.26 @ 10:50:52



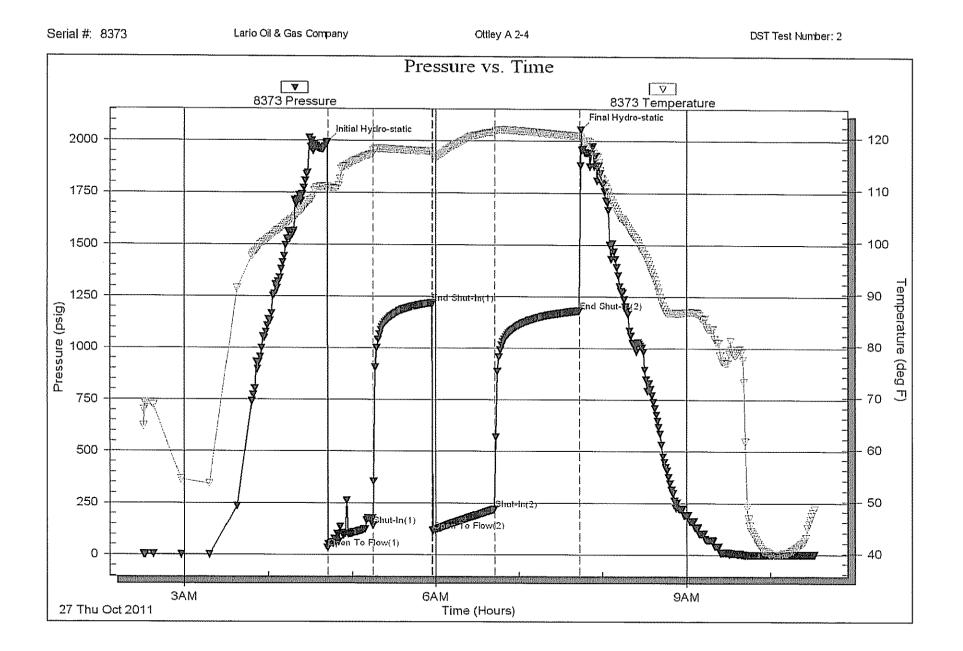
Ref. No: 43851

Printed: 2011.10.26 @ 10:50:52

RILOBITE	DRILL STEM TE			40- 04			
	Lario Oil & Gas Company		4-	135-31W	Gove, K	5	
ESTING , INC.	oor of marner ou		O	ttley A 2	-4		
	Wichita, Ks 67202		Jol	b Ticket: 4	5277	DS"	T#: 2
	ATTN: Brad Rine		Te	st Start: 2	011.10.27 (@ 02:30:3	32
GENERAL INFORMATION:	· ////////////////////////////////////						
Formation: Lansing H-I Deviated: No Whipstock: Time Tool Opened: 04:42:17 Time Test Ended: 10:31:47	ft (KB)		Te	ster:	Convention Brandon Ti 35		i Hole (Reset)
Interval: 4107.00 ft (KB) To 41 Total Depth: 4176.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole			Re	ference Bo KB I	evations: to GR/CF:	2914	.00 ft (KB) .00 ft (CF) .00 ft
Serial #: 8373							
Serial #: 6373 Press@RunDepth: 219.05 psig Start Date: 2011.10.27 Start Time: 02:30:37	@ ft (KB) End Date: End Time:	2011.10.27 10:31:46	Capacity Last Cal Time On Time Off	lib.: Btm :	2011.10.27 2011.10.27	2011.10 @ 04:42	:02
Pressure vs. Ti		Time			RE SUMN		
		Time (Min.)	P Pressure (psig)	RESSUF Temp (deg F)	RE SUMN		
		(Min.) 0	Pressure (psig) 1992.31	Temp (deg F) 110.49	Annotati Initial Hydi	ion ro-static	
200 January 100 Ja	CC 100000000000000000000000000000000000	(Min.) 0 1	Pressure (psig) 1992.31 32.27	Temp (deg F) 110.49 109.88	Annotati Initial Hydi Open To f	ion ro-static Flow (1)	
		(Min.) 0 1 33 75	Pressure (psig) 1992.31	Temp (deg F) 110.49 109.88 117.07	Annotati Initial Hydr Open To F Shut-In(1)	ion ro-static Flow (1)	
200 January 100 Ja		(Min.) 0 1 33 75	Pressure (psig) 1992.31 32.27 141.19	Temp (deg F) 110.49 109.88	Annotati Initial Hydr Open To f Shut-In(1) End Shut-	ion ro-static Flow (1) In(1)	
		(Min.) 0 1 33 75 76 76 121	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2)	ion ro-static Flow (1) In(1) Flow (2)	
		(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	ion ro-static Flow (1) In(1) Flow (2) In(2)	
		(Min.) 0 1 33 75 76 76 121	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	ion ro-static Flow (1) In(1) Flow (2) In(2)	
		(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	ion ro-static Flow (1) In(1) Flow (2) In(2)	
		(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut-	ion ro-static Flow (1) In(1) Flow (2) In(2)	
The Oct 2211		(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To F Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1) In(1) Flow (2) In(2)	
The Oct 2011		(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion To-static Tlow (1) In(1) Tlow (2) In(2) ro-static	Gas Rate (Mcd/4)
200 100 100 100 100 100 100 100	CO Temperature T	(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion ro-static Flow (1) In(1) Flow (2) In(2)	Gas Rate (Mct/d)
The Det 2011 Tree (Name) The Det 2011 Tree (Name) Tree	CO CO CO CO CO CO CO CO CO CO	(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion To-static Tlow (1) In(1) Tlow (2) In(2) ro-static	Gas Rate (McJ/d)
xm rm rm rm rm rm rm rm rm rm r	СС СС Техника СС Техника СС СС СС СС СС СС СС СС	(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion To-static Tlow (1) In(1) Tlow (2) In(2) ro-static	Gas Rate (Mct/d)
Image: Construction Image: Construction Image: Construction Image: Construction <td>Volume (bbl) 1.74 0.87 W 40%m 2.61</td> <td>(Min.) 0 1 33 75 76 121 182</td> <td>Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13</td> <td>Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77</td> <td>Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr</td> <td>ion To-static Tlow (1) In(1) Tlow (2) In(2) ro-static</td> <td>Gas Rate (Mct/d)</td>	Volume (bbl) 1.74 0.87 W 40%m 2.61	(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion To-static Tlow (1) In(1) Tlow (2) In(2) ro-static	Gas Rate (Mct/d)
Image: Constraint of the second sec	Volume (bbl) 1.74 0.87 W 40%m 2.61	(Min.) 0 1 33 75 76 121 182	Pressure (psig) 1992.31 32.27 141.19 1219.50 115.47 219.05 1182.13	Temp (deg F) 110.49 109.88 117.07 117.39 116.51 121.13 120.35 119.77	Annotati Initial Hydr Open To f Shut-In(1) End Shut- Open To F Shut-In(2) End Shut- Final Hydr	ion To-static Tlow (1) In(1) Tlow (2) In(2) ro-static	Gas Rate (Mc/d)

Printed: 2011.10.27 @ 17:08:36

TIEN			DRI	LL STEM TEST I	REPORT	Γ		FLUID SUMMARY
	RILOB	·	Lario Oil & Gas Company 4-13s-31w Gove, Ks					
	 EST	TNG , INC.		Market St. a, Ks 67202		Ottley A 2-		
	· · · . · · ·					Job Ticket: 45		DST#: 2
			ATIN	Brad Rine	****	Test Start: 20	····.10.27 @ C	
	Cushion Inf	ormation						·
Mud Type: Mud Weight:		ih/nal		Cushion Type: Cushion Length:			Dil API: Water Salinity:	-
Viscosity:	50.00	-		Cushion Volume:		bbl	rator commy	i coco pp,iii
Water Loss:				Gas Cushion Type:				
Resistivity: Salinity:	0.00 (2200.00 (ohm.m ppm		Gas Cushion Pressure		psig		
Filter Cake:		inches						
Recovery	Information	n						
				Recovery Table		r		
		Lengt ft	h.	Description	·	Volume bbl	X (
			124.00	mcw 95%w 5%m		1.739		
			62.00 186.00	mcw 90%w 10%m gocwm 10%g 40%o 10%w 4	0% m	0.870		:
			93.00	gocwm 10%g 35%o 5%w 50		1.305		
			0.00	217 GIP		0.000		
	То	tal Length:	465	.00 ft Total Volume:	6.523 bbl			
		ım Fluid Sampl		Num Gas Bombs:	0	Serial #:		
		boratory Nam covery Comm		Laboratory Locatio	n:	. • •		
		· · · · · · · · · · · · · · · · · · ·						

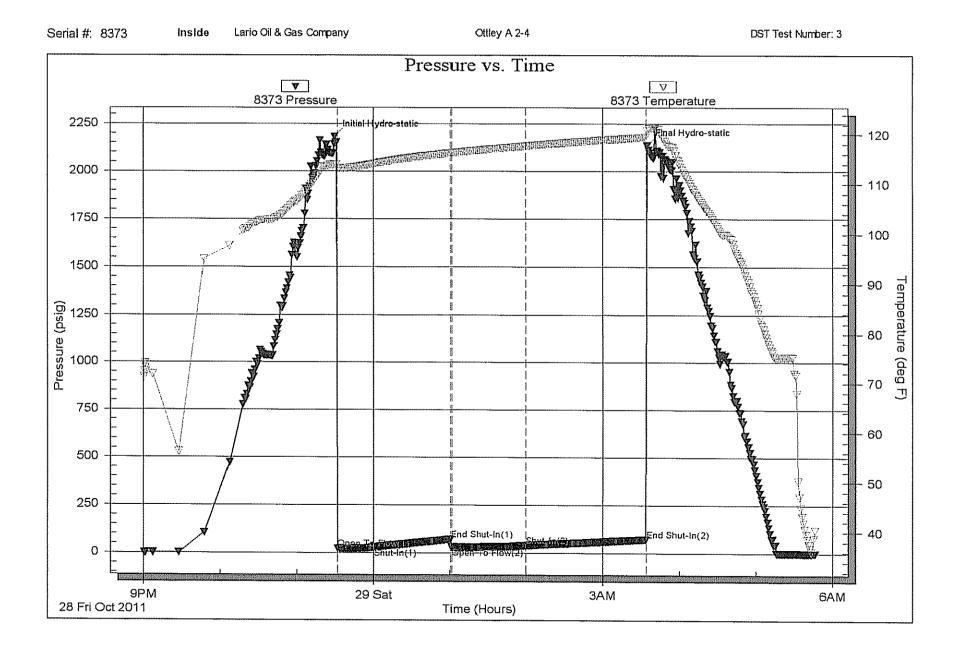


Ref. No: 45277

Printed: 2011.10.27 @ 17:08:37

	DRILL STEM TES	ST REP	ORT			
RILOBITE	Lario Oil & Gas Company		4-1	3s-31w	Gove, Ks	
ESTING , INC	301 S. Market St. Wichita, Ks 67202			lley A 2 - Ticket: 4		DST#: 3
	ATTN: Brad Rine)11.10.28 @	
						· · · · · · · · · · · · · · · · · · ·
GENERAL INFORMATION:						
Formation: Ft. Scott Deviated: No Whipstock: Time Tool Opened: 23:31:37 Time Test Ended: 05:45:52	Test Type: Conventional Bottom Hole (Reset) Tester: Brandon Turley Unit No: 35					
Interval: 4416.00 ft (KB) To 4			Ref	erence Be	vations:	2924.00 ft (KB)
Total Depth:4466.00 ft (KB) (THole Diameter:7.88 inchesHol	2914.00 ft (CF) KB to GR/CF: 10.00 ft					
Serial #: 8373 Inside						
Press@RunDepth: 38.58 psig		0044 40 00	Capacity Last Cali			8000.00 psig 2011.10.29
Start Date: 2011.10.28 Start Time: 21:00:27	End Date: End Time:	2011.10.29 05:45:52	Time On		2011.10.28 (
			Time Off	Btm: 2	2011,10.29 (@ 03:34:51
FS: No return. Pressure vs.			PI	RESSUR	ESUMM	ARY
		Time	Pressure	Temp	Annotatio	ก
m		(Min.) 0	(psig) 2179.15	(deg F) 113.96	Initial Hydro	o-static
		3	21.29	113.22	•	iow (1)
		31 91	28.18 69.86	114.10 116.26	• •	n(1)
		92	29.42	116.26	Open To Fl	
		151 245	38.58 71.06		Shut-In(2) End Shut-Ir	n(2)
770		245	2132.88	120.78	Final Hydro	
ليستعمل المسلم المسل 1978 من 1975 من 1975 من 1975 من	3444 EAM					
Recovery	<u></u>		nannannan (-	Gas	s Rates	
Length (II) Description	Volume (bbl)			Choke (ir	rches) Pressur	re (psig) Gas Rate (Micl/d)
20.00 ocm 5%o 95%m	0.28					
· · · · · · · · · · · · · · · · · · ·						
B Plann an Anna an 40 st 4 - 4-						
* Recovery from multiple tests Trillobite Testing, Inc	Ref. No: 45278	<u>I</u>		Drintort:	2011.10.29	

	DRI	LL STEM TEST	REPOR	r e sterrit.	FLUID	SUMMARY
RILOBITE	Lario C	Dil & Gas Company	· · ·	4-13s-31w (
ESTING ,		Market St. a, Ks 67202	• .	Ottley A 2-4 Job Ticket: 45		
	ATTN:	Brad Rine		Test Start: 20	11.10.28 @ 21:00:27	
Mud and Cushion Informati	ion				to the second	11
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:55.00 sec/qtWater Loss:5.60 in³Resistivity:0.00 ohm mSalinity:3800.00 ppmFilter Cake:1.00 inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Press	ure:)il API: Vater Salinity: State Salinity: State Salinity: Salinit	0 deg API 0 ppm
Recovery Information		Decourse Table				
	Length	Recovery Table Description		Volume		
	ft	ocm 5%o 95%m		bbl 0.281		
Total Leng	lh: 20	.00 ft Total Volume:	0.281 bbl	**************************************		
Laboratory	Samples: 0 / Name: Comments:	Num Gas Bombs Laboratory Loca		Serial #.		
						1
			:			
Trilobite Testing, Inc	R	ef. No: 45278		Printert: 2	011.10.29 @ 09:13:13	

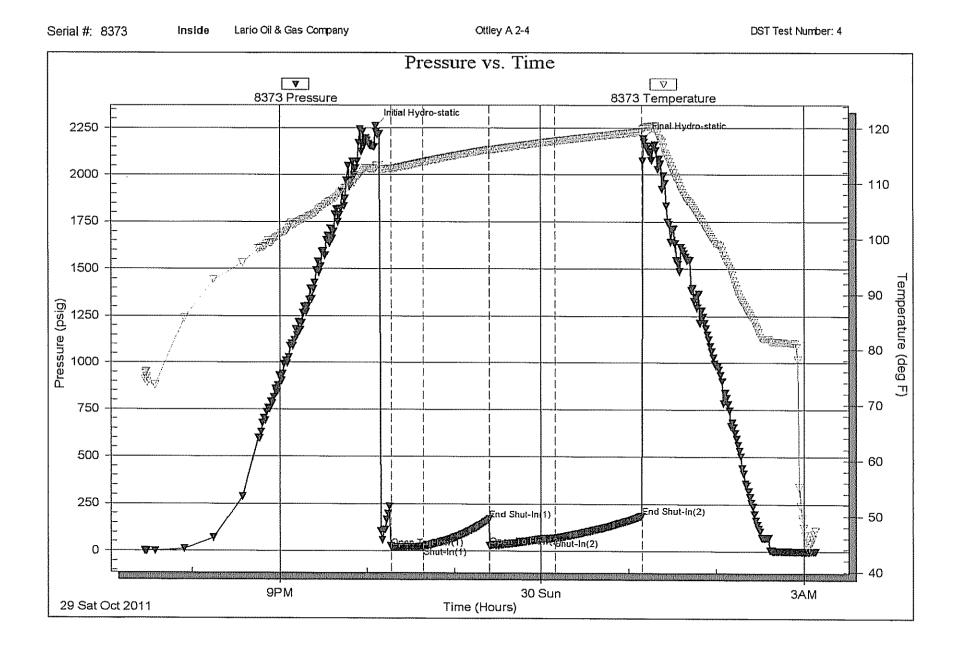


Ref. No: 45278

Printed: 2011.10.29 @ 09:13:13

	DRILL STEM TES	ST REPO	ORT				
RILOBITE	Lario Oil & Gas Company		4-13	3s-31w	Gove, Ks		
ESTING , INC.	301 S. Market St. Wichita, Ks 67202			l ey A 2- Ticket: 45		DST#:4	Ļ
	ATTN: Brad Rine		Test	Start: 20)11.10.29 @	19:27:27	
GENERAL INFORMATION:		,					
Formation: Johnson Deviated: No Whipstock: Time Tool Opened: 22:16:22 Time Test Ended: 03:08:06	ft (KB)		Test Test Unit	er: I	Conventiona Brandon Tur 35		e (Reset)
Interval: 4500.00 ft (KB) To 4 Total Depth: 4544.00 ft (KB) (T Hole Diameter: 7.88 inchesHol	Reference Bevations: 2924.00 ft (KB) 2914.00 ft (CF) 2914.00 ft KB to GR/CF: 10.00 ft						
					······································	·····	
Serial #: 8373 Inside Press@RunDepth: 69.86 psig Start Date: 2011.10.29 Start Time: 19:27:27	 4501.00 ft (KB) End Date: End Time: 	2011.10.30 03:08:06	Capacity: Last Calib Time On E Time Off I).: Btm: 2	2011.10.29 (2011.10.30 (psig
TEST COMMENT: IF: Surface blow IS: No return. FF: No blow . FS: No return.	died in 17 min.						
Ртезлие vs. 7					E SUMM		
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	To prove takes		Pressure (psig) 2259.26 19.24 23.40 169.64 27.65 69.86 185.78 2191.46	Temp (deg F) 112.77 112.65 113.89 116.14 116.05 117.69 119.39 120.03		static ow (1) i(1) ow (2) i(2)	
Recovery				Gas	s Rates		·····
Length (ft) Description 10.00 ocm 10%o 90%m	Valume (bbl) 0.05			Choke (ir	nchas) Pressur	e (psig) Gas	Rete (Mct/d)
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 45279				2011 10 20	@ 13:34:30	······································

RILOBIT	F D	DRILL STEM TEST REPORT FLUID						
	L.c.11	Larío Oil & Gas Company				Gove, Ks		
ESTIN	1	301 S. Market St. Wichita, Ks 67202 ATTN: Brad Rine			Ottley A 2 Job Ticket: 4	Г#:4		
	АП				Test Start: 2	4. A.A.		
Mud and Cushion Inform	nation					<u>t te a te </u>		
Mud Type: Gel Chem			n Type:			Oil API:	0 deg API	
Mud Weight: 9.00 lb/g			n Length:			Water Salinity:	0 ppm	
Viscosity: 54.00 sec Water Loss: 5.60 in ³	/qt		n Volume: Jshion Type:		bbl	an Articlean An Articlean		
Resistivity: 0.00 ohn	۸m		ushion Pressure:		psig			
Salinity: 3500.00 ppn					F	n an Aren de Lord d' Aren - Argenee		
Filter Cake: 1.00 incl	ies					na na sana ang sana sa		
Recovery Information							· · ·	
		·····	ery Table			8		
	Length ft	Det	cription		Volume bbl			
	10.00	0 ocm 10%o 90	%m		0.049			
Total	Length:	10.00 ft Tot	al Volume:	0.049 bbl				
Labor	Fluid Samples: 0 ratory Name: very Comments:	Lab	n Gas Bombs: oratory Location:	0	Serial #:			



Ref. No: 45279

Printed: 2011.10.30 @ 13:34:31

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/

Mark Sievers, Chairman Ward Loyd, Commissioner Thomas E. Wright, Commissioner Sam Brownback, Governor

December 09, 2011

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

Re: ACO1 API 15-063-21913-00-00 Ottley A 2-4 NE/4 Sec.04-13S-31W Gove 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