

KANSAS CORPORATION COMMISSION OIL & GAS CONSERVATION DIVISION

1052287

Form ACO-1 June 2009 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: 8	State: Zip:+	Feet from Fast / West Line of Section
Contact Person:	·	Footages Calculated from Nearest Outside Section Corner:
Phone: ()		
· · · · · ·		County:
		Lease Name: Well #:
		Field Name:
5		Producing Formation:
Designate Type of Completion:		Elevation: Ground: Kelly Bushing:
	e-Entry Workover	Total Depth: Plug Back Total Depth:
 Oil WSW Gas D&A OG CM (<i>Coal Bed Methane</i>) Cathodic Other (<i>Coal Methane</i>) If Workover/Re-entry: Old Well In 	SWD SIOW ENHR SIGW GSW Temp. Abd. re, Expl., etc.):	Amount of Surface Pipe Set and Cemented at: Feel Multiple Stage Cementing Collar Used? Yes If yes, show depth set: Feel If Alternate II completion, cement circulated from: feet depth to: w/
Well Name:		Drilling Fluid Management Plan (Data must be collected from the Reserve Pit)
Original Comp. Date:	f. Conv. to ENHR Conv. to SWD	Chloride content: ppm Fluid volume: bbls Dewatering method used:
Plug Back:	Plug Back Total Depth	Location of fluid disposal if hauled offsite:
Commingled	Permit #:	Operator Name:
Dual Completion	Permit #:	Lease Name: License #:
	Permit #:	Quarter Sec TwpS. R East West
	Permit #:	County: Permit #:
GSW	Permit #:	Fernit#
Spud Date or Date Recompletion Date	eached TD Completion Date or Recompletion Date	

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									
Letter of Confidentiality Received									
Date:									
Confidential Release Date:									
Wireline Log Received									
Geologist Report Received									
UIC Distribution									
ALT I II III Approved by: Date:									

	Side Two	1052287
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

INSTRUCTIONS: Show important tops and base 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. Attach complete copy of all Electric Wire-line Logs surveyed. Attach final geological well site report.

Drill Stem Tests Taken (Attach Additional Sheets)		Yes No		-	n (Top), Depth an		Sample
Samples Sent to Geolog	Samples Sent to Geological Survey		Nam	le		Тор	Datum
Cores Taken Electric Log Run Electric Log Submitted Electronically (If no, Submit Copy)		<pre> Yes No</pre> No Yes No Yes No					
List All E. Logs Run:							
		CASING		ew Used			
		Report all strings set-	conductor, surface, inte	ermediate, product	ion, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD

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

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated								ement Squeeze Record	Depth
TUBING RECORD:	Siz	:e:	Set At:		Packer	At:	Liner R	un:	No	
Date of First, Resumed Pr	roducti	on, SWD or ENH	۲.				Gas Lift	Other (Explain)		
Estimated Production Per 24 Hours		Oil Bb	ls.	Gas Mcf Wate		ər	Bbls.	Gas-Oil Ratio	Gravity	
									1	
DISPOSITION OF GAS:				METHOD	OF COMPLE	TION:		PRODUCTION IN	TERVAL:	
Vented Sold		Jsed on Lease		Open Hole	Perf.	Uually (Submit /		Commingled (Submit ACO-4)		
(If vented, Subm	nit ACO	-18.)		Other (Specify)						

Conservation Division Finney State Office Building 130 S. Market, Rm. 2078 Wichita, KS 67202-3802

Thomas E. Wright, Chairman Ward Loyd, Commissioner



phone: 316-337-6200 fax: 316-337-6211 http://kcc.ks.gov/

Corporation Commission

Sam Brownback, Governor

April 15, 2011

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

Re: ACO1 API 15-051-26093-00-00 Marshall A 34 SW/4 Sec.31-11S-17W Ellis 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



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

Voice: (785) 483-3887 Fax: (785) 483-5566

Bill To:

Lario Oil & Gas Co. P. O., Box 784 "Hayo, Ks 6760/

ONLY IF PAID ON OR BEFORE Mar 26, 2011

INVOICE

Invoice Number: 126433 Invoice Date: Mar 1, 2011 Page: 1

Federal Tax I.D.#: 20-5975804

-262. d. 11.01.5)---C

Custom	如果·结果的是有1900年代,1900年代,1900年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,1910年代,	-protection/95/97/2969	Nell Name/# or Customer P.O.		Payment T	erms	
Lari	o (1	4FE# 1	-063 Marshall A-34 (Surface Casin		Net 30 D	ays Due Date	
Job Loc	ation	yaran Ayansa Karata Ak	Camp Location	Camp Location Service Date			
KS2-	01		Russell Ma		lar 1, 2011	3/31/11	
Quantity	Item		Description		Unit Price	Amount	
165.00	MAT	Class	A Common		13.50	2,227.50	
3.00	MAT	GEI			20.25	60.75	
6.00	MAT	Chlori	de		51.50	309.00	
165.00	SER	Handl	ing		2.25	371.25	
5.00	SER	Mileag	ge 165 sx @.10 per sk per mi		16.50	82.50	
1.00	SER	Surfac	ce		991.00	991.00	
5.00	SER	Pump	Truck Mileage		7.00	35.00	
					zet Expl File		
ALL PRICES AR	ENET, PAYABL	E	Subtotal			4,077.00	
30 DAYS FOLL	OWINĠ DATE O		Sales Tax			163.63	
	/2% CHARGED IF ACCOUNT IS	ا ہ	Total Invoice Amount			4,240.63	
	E DISCOUNT O		Payment/Credit Applied				
\$ 1019	1975 1975 - - 1976 1976 1976 1975 1975 1975 1975 1975 1975 1975 1975		TOTAL	1360 (1757 (1719)) 1760 (1767 (1719)		4,240.63	

ALLIED CEMENTING CO., LLC. 034121

Federal Tax I.D.# 20-5975804

REMIT TO P.O. E RUSS	30X 31 SELL, KANSAS 67	665		SER	VICE POINT: Russil	<u> </u>
DATE 3 -1-2011	SEC. TWP.	RANGE	CALLED OUT	ON LOCATION	JOB START 2°00 Am	JOB FINISH
) WELL # 4 - 34	LOCATION Hays	Ke Locio C	Amp	COUNTY Ellis	STATE
OLD OR CEWC			ELANA			
CONTRACTOR	MURFIN DRIG.	Rig #16	OWNER			
TYPE OF JOB (CEMENT SU	RFACE				
HOLE SIZE	1/4 T. 5/8 New D	D. 265 EPTH 264	CEMENT AMOUNT OI	RDERED <u>165</u>	Sx Co	1 1 2011 .
TUBING SIZE	# CSG D	EPTH		2% G	eL	
DRILL PIPE TOOL		EPTH EPTH		3% CC	طین ^ر	
PRES. MAX		UNIMUM	COMMON	165	@ 13,50	2227,5
MEAS. LINE		HOE JOINT	POZMIX	<u></u>		<u> </u>
CEMENT LEFT IN PERFS.	N CSG. 15		GEL	3	@ 20.20	
DISPLACEMENT		16 RBL	CHLORIDE_ ASC		_@ <u>\$7,15</u> @	<u>301, a</u>
	EQUIPMEN					
	-	ł			@	
	CEMENTER CA				@	
# 398	HELPER (1000	Dy			@	
BULK TRUĆK # 48 1	DRIVER ALTR					
BULK TRUCK	DRIVER FUR					
#	DRIVER		- HANDLING	165	@ 	371,25
				11stskfrile		82,50
	REMARKS			· .		3051.00
Ran 6 New	J JT'S OF	858 CSG-				
Set @ 26 165 5x		ENT WITH	·	SERVI	CE	
1.4	Com 342- 420, Shur	Displace in @ 250	#- DEPTH OF J			
			DUMPTOUC	CK CHARGE		991.00
Cement_	DiDCiRCULA	TE TO SURFAC	EXTRA FOO	TAGE		<u> </u>
<u></u>		/HANK'S	MILEAGE			3: ->
			— MANIFOLD		@ @	
,	^ i					
CHARGE TO:	ario Dil E	Gas Compa	и√			
STREET		,	/		TOTAL	1026,00
СІТУ	STATE	ZIP	Villa Vi			
	0 1 KI L	ZIP		PLUG & FLOA	T EQUIPMEN	T
				· · · · · · · · · · · · · · · · · · ·		
					_@	······································
To Allied Cemen	ting Co., LLC.				_ @ _ @	*
You are hereby re	equested to rent ce	ementing equipment	······	· · · · · · · · · · · · · · · · · · ·		•
and furnish ceme	nter and helper(s)	to assist owner or			@	
		The above work was				
contractor. I have	e read and underst	n of owner agent or tand the "GENERAI	Ĩ		TOTAL	
		ed on the reverse sid		(If Any)		
	4 -		TOTAL CHA	RGES	AND REAL PROPERTY.	
PRINTED NAME	AFD		DISCOUNT _			
	,	~ ~		Corf 2007 and - an 12, an 13	IF PAI	D IN 30 DAYS
SIGNATURE	Ary S	2 le				
	J		<u> </u>			

7		PAGE	CUST NO	INVOICE DATE				
		1 of 1	1002301	03/09/2011				
ír) Basi	(T)	INVOICE NUMBER						
BASI ENERGY SERV			1718 - 90541	766				
			AFE	E#11.063				
Pratt	(620) 672-1201	J LEASE NA ^O LOCATION	1	$\begin{array}{c} A 34 \\ \neg q cosing \end{array} \right)$				
B LARIO OIL & GAS I P O BOX 84 L MINDOGY		COUNTY S STATE	1777	- iluging) iluginging				
_L MURDOCK KS US 67111 T		I JOB DESC T JOB CONT		Well Casing/Pi				
\circ ATTN -								

ЈОВ #	EQUIPMENT	# PURCHASE	ORDER NO.		TERMS	3	DUE I	DATE
40293708	19905				Net - 30	days	04/08/	/2011
		·····	QTY	U of M	UNIT PR	ICE	INVOICE	AMOUNT
For Service Dates	: 03/08/2011 t	o 03/08/2011		1.1				
0040293708					-			
						-		
171803621A Cem Two Stage Longstri		ng/Pi 03/08/2011						
	-							
AA2 Cement			185.00			12.58		2,327.30 T
A-Con Blend Comm	ion		480.00			13.32		6,393.60 T
Salt			1,013.00			0.37		374.81 T
FLA-322			87.00			5.55		482.85 T
C-41P			35.00			2.96		103.60 T
Calcium Chloride			1,356.00			0.78		1,053.61 T
Celloflake			166.00			2.74		454.51 T
Auto Fill Float Shoe			1.00	1		355.20		355.20
5 1/2" Basket (Blue			8.00			214.60		1,716.80
5 1/2" Latch Down		Ked)	1.00	1		629.00		629.00
Turbolizer 5 1/2" (E	•		9.00			81.40		732.60
Two Stage Cement			1.00		4	,514.00		4,514.00
Industrial Rubber Th	hread Lock Kit		1.00	1		25.16		25.16
Super Flush II			500.00			1.13		566.10 T
Heavy Equipment N	-		300.00			5.18		1,554.00
Blending & Mixing S	=		665.00			1.04		688.94
Proppant and Bulk [3,130.00	1		1.18		3,705.92
Depth Charge; 300			1.00	1		,598.40		1,598.40
Additional Stage Ch	-		1.00		1,	598.40		1,598.40
Plug Container Utilia	zation Charge		1.00	1		185.00	-	185.00
Supervisor			1.00			129.50	\square	129.50
Unit Mileage Charge	e-Pickups, Vans & (Cars	100.00	HR		3.15	Å	314.50
						K		<u> </u>
					Acct Expl	File	- UKAPAN	<u> </u>
					GC		-/-/	
					LKG W	RI		DB
					HY	- · /		háhá
					PV /	Ψ	<u> </u>	MM
						KE	<u>GV I SF</u>	DM
PLEASE REMIT	то:	SEND OTHER CORRES	PONDENCE TO	<u> </u>			الله معرجين المستعمر	
		BASIC ENERGY SERV			SUB TOTAL		29	,503.80
PO BOX 841903	odrvices, HP	PO BOX 10460	ttp;tr		TAX			740.65
DALLAS, TX 752	84-1903	MIDLAND, TX 79702		INVO	DICE TOTAL		30	,244.45
							50	,

		19 19					FIELD SER\	ICE TICKET	
		SIG P. Pr	244 NE H O. Box 86 att, Kans 10ne 620-6	13 as 67124			1718 G	vation.	
PRES	SURE PUMI		1-1	19-	17W		DATE TICKET NO	<u>5621</u>	
JOB 3-8-1) [DISTRICT Pratt,	Tanso	25	NEW BY (CUSTOMER ORDER NO.:	
		iland Gas	_		LEASE M	arsi	hall "A"	WELL NO. 34	
ADDRESS			(/	COUNTY Ellis STATE Tansas				
CITY		STATE			SERVICE CREW Messich M. Mattal M. McGraw D. Phye				
AUTHORIZED BY					JOB TYPE: C.N. M TWO Stage Lonastring				
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQL	JIPMENT#	HRS	TRUCK CALLED	DATE AM TIME	
				1			ARRIVED AT JOB	AM PM	
							START OPERATION	AM PM	
					***************************************		FINISH OPERATION	AM PM	
							RELEASED	AM PM	
						MILES FROM STATION TO WELL			

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered).

The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

		S	IGNED:			
			(WELL OWNER	, OPERATOR, CONT	RACTOR OR A	GENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES	S USED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	١T
EIOI	Heavy Equipment Mileage	/M_i	300		2,00	60
<u>(</u>)		sk		۱ ملہ	(7 7)	
<e 240<="" td=""><td>Blending and Mixing Service</td><td></td><td>66.5</td><td>+</td><td>931</td><td><u></u></td></e>	Blending and Mixing Service		66.5	+	931	<u></u>
EII3	Bult Delivery	† m	3130	\$	5,008	00
		and the true	4			
CE204 CE409	Cement PUMp: 3,00 Feet To 4 Additional Stage	<u>,000Feet his</u> his	L + 	4 5	2,60	<u>50</u> 00
CE 504	Plug Container	Job	1		250	00
5003	Service Supervisor	<u> </u>	1		175	00
E 100	PickupMileage	mi	100	4	425	00
	· · · · · · · · · · · · · · · · · · ·					
-						1
СНЕ	EMICAL / ACID DATA:				29.503	30
		SERVICE & EQUIPMENT	%TAX (ONS T		
		MATERIALS	%TAX (
L				TOTAL		
				a server a s		
SERVICE	THE ABOVE M	ATERIAL AND SERVICE	······································	•		
REPRESENTATI	/E A BOVE M. ORDERED BY	ATERIAL AND SERVICE CUSTOMER AND RECEIVED) BY:	at 1 demi	lar at	

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)

FIEL	D SEI	RVICE	TICKE	T
171	.8 (136		

WELL NO.3

	FIELD SERVICE TICKET
BASIC ENERGY SERVICES 10244 NE Hwy. 61 P.O. Box 8613 Pratt, Kansas 67124 Phone 620-672-1201	1718 03621 A
PRESSURE PUMPING & WIRELINE 31-115-1	7W, DATE TICKET NO
JOB 3-8-11: DISTRICT Pratt. Tansas	NEW OLD PROD INJ WDW CUSTOMER WELL WELL ORDER NO.:
customer Lario Oiland Gas Company	LEASE Marshall "A" WELL NO. 3
ADDRESS	COUNTY FILIS STATE FANSAS
CITY STATE	SERVICE CREW, Messich M. Mattal M. Mc Graw D. Phye
AUTHORIZED BY	JOB TYPEC. N.W Two Stage Long String
EQUIPMENT# HRS EQUIPMENT# HRS EQU	JIPMENT# HRS TRUCK CALLED

AUTHORIZED BY				JOB TYPE	Ξ. N. U	1- Two Stage Long string
EQUIPMENT#	HRS	EQUIPMENT#	HRS	EQUIPMENT#	HRS	TRUCK CALLED 3-7-11 PM 10:00
37.216	4	19,960-19918	4			
		•				J I I CPMP D. CU
19903-19905	L-f-		<u> </u>			START OPERATION 3.8-11 AM 1:00
	<u> </u>			***************************************		FINISH OPERATION 3-8-11 GM 5:00
19,826-19860	L i .				-	RELEASED 3-중-11 여월 5:30
					1	MILES FROM STATION TO WELL I O O

CONTRACT CONDITIONS: (This contract must be signed before the job is commenced or merchandise is delivered). The undersigned is authorized to execute this contract as an agent of the customer. As such, the undersigned agrees and acknowledges that this contract for services, materials, products, and/or supplies includes all of and only those terms and conditions appearing on the front and back of this document. No additional or substitute terms and/or conditions shall become a part of this contract without the written consent of an officer of Basic Energy Services LP.

			(WELL OWNE	ER, OPERATOR, CONT	RACTOR OR AG	GENT)
ITEM/PRICE REF. NO.	MATERIAL, EQUIPMENT AND SERVICES	S USED UNIT	QUANTITY	UNIT PRICE	\$ AMOUN	T
<u>CP105</u>	AAD cement	<u>Ish</u>	185-		3145	50
CP 101	A-CON Blend Cement	sh	430 -		/	-
CP 101	A-CON Blend Cement	sh	50 -	────────────────────────────────────	900	
CC III	Salt	Lb	1013-		506	50
<u>CC129</u>	ELA-322	L6	37-	- 5	652	50
CC 105	$ C \cdot 4 P$	<u>L6</u>	35 -	4	140	20
56 109	Calcium Chloride	Lb	1.356-	4		30
<u>CC 102</u>	Cellflake	L6	166 /	` ' da	614	20
CEIZOL	Auto Fill Float Shoe. 515" Weathe	itord ea	1	4 5	490	50
SF 1901	Basket 51/2"	ea	8	5	2320	00
CF 601	Weather Ford Latch Dawn Plug and Ba	141e.512" ea	1	<u>`</u> ج		50
CF1651	Turbolizer. 51/2"	20	9		990	-0
<u>CF 401</u>	Weatherford Two Stage Collar. 5	/ <u>2"</u> ea	1	15	6100	00
CF3000	Thread Lock hit	21	1	5	<u>' 34</u>	00
	·····			i		
55 55	Super Flugh II		5001	\$	765	<u>bo</u>
		-	· · · · · · · · · · · · · · · · · · ·			
Сн	EMICAL / ACID DATA:					
		SERVICE & EQUIPMENT	%TAX	ON \$		

CHEMICAL	/ ACID	
 1		

1

	D CS	
SERVICE & EQUIPMENT	%TAX ON \$	
MATERIALS	%TAX ON \$	
	TOTAL	*****

SIGNED:___

SERVICE REPRESENTATIVE

THE ABOVE MATERIAL AND SERVICE ORDERED BY CUSTOMER AND RECEIVED BY:

FIELD SERVICE ORDER NO.

(WELL OWNER OPERATOR CONTRACTOR OR AGENT)



TREATMENT REPORT

energy ser	' <i>vices</i> , <i>L</i> .	p. Paget	11012					
Lario Oiland(Gas Come					Date	\bigcirc	1 1
Lease Marshall "A	1	Well'# 34	t			<u> </u>	\overline{O} .	
Field Order # Station	ratt trans	ias	Gasing 1		3.6935	Founty Ell	is	State IT 9 11 5 9 5
tune leb	<u>vo Stage La</u>	Ona Strir	10	Formation			Legal Desc	Steption TW
PIPE DATA	PERFORATI	· · ·	THEORD U	JSED		TREAT	TMENT RE	SUME
Cashg Size Tubing Size	Shots/Ft	1855ad1	APS AA-2	with	.58F	ATE PRES	5.28 t	SIP Camer.
Depthy 3Fee Depth	From		with a star of	Lb.Istr. (Mailfla			5 Min.
Volume Rbl. Volume			ਇੰਬੋਰ		Min		1	10 Min.
Max Press 2 Ono I.S.I.	From	то 1516./8	Eal. 6.5	57Gal.		4200.1	FT. / \$ #	L5 Min.
Well Connection Annulus Vol. 기가오리기오		То	,		HHP Used		A	Annulus Pressure
Plug Depth- 2.0 (8) ee	From		Flush30Bbl.	Wateran	Gass VolUme		NU MUET	otal Load
	ive Janser	Station M	lanager Dav	id Scott	-		· · ·	. Messich
	1.903 19.90	5 19.826	19.860	19,960	19,918			
Driver Names Me SSICH	Mattal	Me	Graw	Phl	ve			
		Pumped	Rate		1	·····	ce Log	
3:00	<u> </u>	cts or lo	cationa	ndhold	<u>safety</u>	Meetin	<u></u>	
, , ,	1 /	±						e Toint with
	. 1		\$					New 14L6/FR
<u> </u>	ing. A Turl	bolize w	ias insta	ledonc	ollars#	2, T. 10.	14.18.22	2,25 and # 27.
	was insta	. 1	1			• •		3
A Weather	rford DV-	Tool Wasi	Nstalled	ontopot	Joint #	25 <u>or 21</u>	669Feet	down from Surface.
11:55				1	*			1 Hour.
					Pressure			P.5 I.
1.00 6.00					Super F			·
600		2	5		Fresh u			· · · · · · · · · · · · · · · · · · ·
600		7	_5	<u>Start m</u>	lixina 18	35 suchs	AA2c	ement.
-0-	6 -	3						nes. Remove swale
	hefted manufacture and the second			andinst	allLatch	Down Plu	y. Insta	ull swedge.
1:20 100			6.5	<u>Start</u>	Flesh U	later D	isplace	<u>-Ment.</u>
	3,	o			Drilling			
				Start 1				
1.40 600	9	0		Plugdo	wn.			
2000				Pressur				
				Release		<u>re. Floa</u>	t Shael	neld.
1:45					1			And Tool. Justull Sladle
1'55 1.100			1	Open D.			·	
2:00				Heat up	wellton	hatac	irculate	for 3 hours.
10244 NE Hiway	61 • P.O. Bo	ox 8613 • F	Pratt, KS 67	7124-861	3•(620)	672-120	1 • Fax (6	620) 672-5383
				Mach A	Acardo	at white		Taylor Printing, Inc. 620-672-3656

Washuppunptruck while circulations. Inc. 620-672-3656



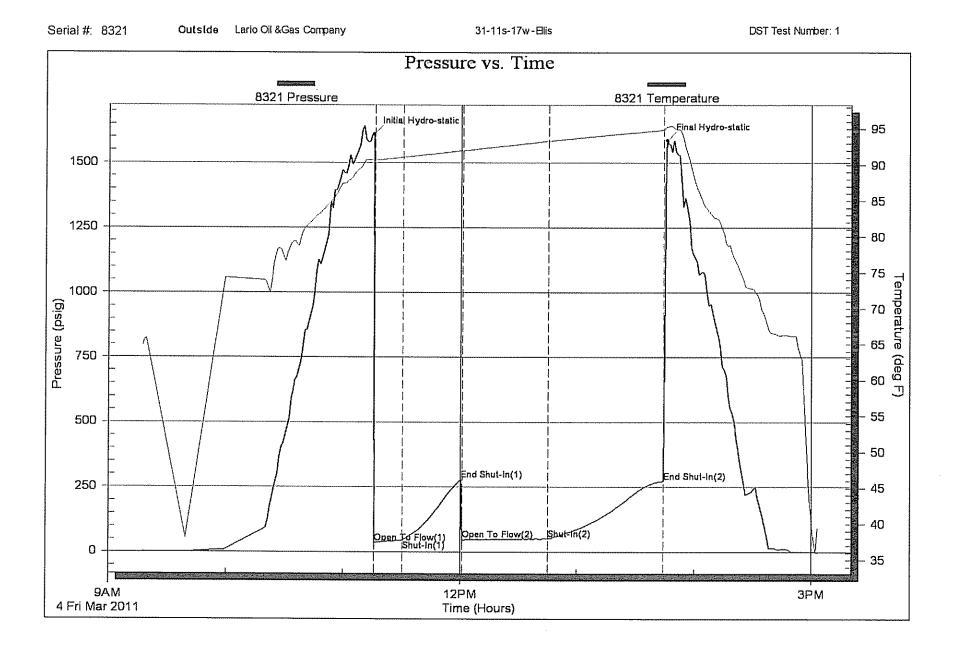
TREATMENT REPORT

	85 30	ervic	[aaet	dc	TIL		·				
Customer	<u>Oil an</u>		(marting	ise No.' /				Date	$\overline{\boldsymbol{X}}$	$\langle \rangle$		1
Lease M	arshall	<u>" </u>	' Wé	"# <u>3</u> +			Teal		\mathcal{L}	-0	<u> </u>	
	# Station	<u>Pratt,</u>	Tansas		Gasing	4LL 2.0	129Fert	County	'E11	5		State M CINSU-
Type Job	W		tage Lor	astrin	y	Formation	1			Legal D		T W
	'E DATA		FORATING		Fedid L	JSED		٦	FREAT	MENT	RESUME	
Casing Size	Tubing Size	ze Shots/F	^a 43	OSC ACIO	510	oll Ble	d Cen	PATE	即导	ss n	ISIP	
Depth 7669F	- Depth	From	то 35	Cal Cit	$\inf_{M} \subset h$	londe.	MaxSL	.b./<	h.c.	-11 fla	נ 5 Min.	
	Volume	From	To			IGal/s	Min 2.	376	ΓU.F	T./5	(10 Min.	
Max Press	Max Pres	s From	То	Frac			Avg				15 Min.	
Well Connect	ion Annulus V	/ol. From I	SOSUTA-10	falairt	Jendlo	ntva Rait	代HHP.Used	1.	n-1-11		Annulus Pro	essure
Plug Depth-			То	Flush		HLI. IT-	Gas Volum			<u> </u>	Total Load	<u> </u>
	nrecentative -		1 3 - 13	Station Manag		d Seatt		-	ler C(1~)	we R.	Alerric	h
Service Units												
Driver Names												
Time	Casing Pressure	Tubing Pressure	Bbls. Pumpe	ed R	ate				Servic	e Log		
						Sterie	circil	a 1 1 A	1. R-	Avite	Sale la	- firm W
						Tusta	1 1 1.4.	Cont	์. สเกษา	With	CLESS I	Pharat.
<u>3 40</u>	÷			f	,)							en lesan
	<u></u>		180			<u>Stopp</u>	<u>orpus, </u>	<u>5hul</u>	(nW	∈∥. //.	ashpun	it and ha
						Neleuse	e Closin	<u>, Plug</u>	for	V Ta	1. 0 in.	<u>v 67/2+11.</u>
<u>4 30</u>	17.85			i	<u> </u>	Start	Fresh 1	1/410	<u>r Di</u>	splac	ealent.	
			· · · · ·			<u>Start</u>	1. 1.(1	<u>(</u> – 1	v⇔.st		•	
4:45	900		65									Parent tori
	1700					-	le up de					
										luian	<u>Aleo Kat</u>	<u>h.</u> -
						Masho			ī			
5:30						Ted Ce	•	-,				<u>, , , , , , , , , , , , , , , , , , , </u>
•						Theat					<u> </u>	
						Clarence	<u>e, Mate</u>	$n_{\rm h}$	- D.			
												
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1024	ANE Hiw	ay 61 • P	. O. Box 86	ileoP rati	i, KS 67	7124-861	3•(620)	672	1201	• Fax	L. L. MARINE TO AN ANTINE REPORT OF A STATE OF	2-5388

RILOBITE	DRILL STEM TE	ST REP	ORT				
	Lario Oil & Gas Company		Ma	arshall A	\ #34		
ESTING , INC	301 S Market St		31-	-11s-17v	/-Ellis		
	Wichita Ks 67202 + 3805		Job	Ticket: 0	42855	DST#:1	l
	ATTN: Jay Schweikert		Tes	at Start: 2	011.03.04 @) 09:17:10	
GENERAL INFORMATION:			*****				
Formation: LKC-A & B Deviated: No Whipstock: Time Tool Opened: 11:15:39 Time Test Ended: 15:03:39	ft (KB)		Tes	iter:	Conventiona Jeff Brown 44	Il Bottom Hol	e
Interval: 3280.00 ft (KB) To 33	50.00 ft (KB) (TVD)		Ref	erence B	evations:	2123.00	ft (KB)
Total Depth: 3350.00 ft (KB) (TV	-					2118.00	
Hole Diameter: 7.88 inchesHole	Condition: Fair			KB	to GR/CF:	5.00	ft
Serial #: 8321 Outside Press@RunDepth: 50.08 psig 50.08 psig Start Date: 2011.03.04 Start Time: 09:17:10	 3318.00 ft (KB) End Date: End Time; 	2011.03.04 15:03:39	Capacity Last Cali Time On Time Off	b.: Btπ	2011.03.04 (2011.03.04 (-	psig
ISI-Dead no blow FFP-Weak blow t FSI-Dead no blow Fressure vs. To	puilt to 3 1/2 in back		PI	RESSUF	RESUMM	ARY	
		Time	Pressure	Temp	Annotatio		
		(Min.) 0	(psig) 1610.20	(deg F)	Initial Liver	, ntalia	
		1	34.87		Initial Hydro Open To Fl		
		15	45.89	91.07	Shut-In(1)		
		45 46	278.63 47.96		End Shut-Ir Open To Fl		
		40 90	50.08		Shut-In(2)	UW (2)	
		149	272.40	94.85	End Shut-Ir		
		151	1585.91	95.35	Final Hydro	⊢static	
2004 CPM Frida 2011 Trre(Heas)	2 24						
Recovery				Gas	s Rates		
Length (ft) Description	Volume (bbl)			Choixe (in	rches) Pressur	e (psig) Gas	Rale (Mcl/d)
31.00 VSOCM 3%O97%M	0,17						
		}					
· · · · · · · · · · · · · · · · · · ·		1					

()h-		DRI	LL S	TEM TEST	REPOR	Г		FLUID S	UMMARY
	RILOBITE	Lario C	il &Gas C	ompany		Marshall	A #34		
	ESTING , INC		Market St I Ks 6720			31-11s-17 Job Ticket:		DST#:1	
		ATTN:	Jay Sch	w eikert			 2011.03.04 @ 0		
Mud and Ci	ushion Information								
Mud Type: G	Gel Chem		c	Sushion Type:			Oil API:		deg API
Mud Weight:	9.00 lb/gal			Sushion Length:		ft	Water Salinity:	:	ppm
Viscosity:	72.00 sec/qt			Cushion Volume:		bbl			
Water Loss:	6.40 in ^a			Sas Cushion Type:					
Resistivity: Salinity:	ohn.m 1600.00 ppm		G	Gas Cushion Pressur	e:	psig			
Filter Cake:	inches								
Recovery In	nformation								
	F		F	Recovery Table		F			
	Leng ft	th		Description	********	Volume bbl			
		31.00	VSOCM	3%O97%M		0.17	1		
	Total Length:	31	.00 ft	Total Volume:	0.171 bbl				
	Num Fluid Samp			Num Gas Bombs:	0	Serial #	<i>t:</i>		
	Laboratory Nan Recovery Com			Laboratory Location	n:				
Trilohite Tes	A		af No: 0	4002#			0014 02 04 0		

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Ref. No: 042855

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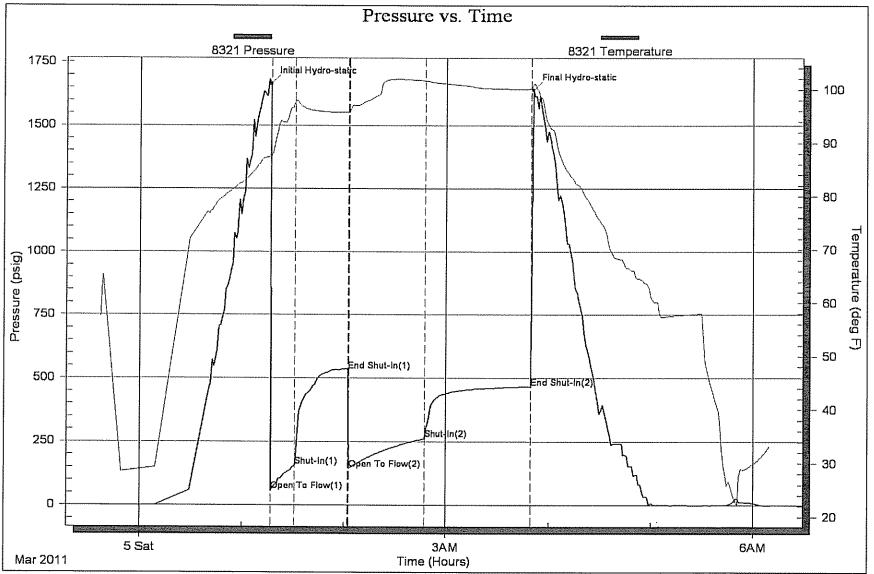
	DRILL	STEM TE	ST REP	ORT				
	Lario Oil &Ga	is Company		Ma	irshall A	\ #34		
ESTING, #	00,00000			31-	-11s-17w	/-Ellis		
	Wichita Ks 67	7202 + 3805		Job	Ticket: 04	42856	DST	#:2
	ATTN: Jay S	Schw eikert		Tes	st Start: 20	011.03.04 @	23:36:57	7
GENERAL INFORMATION:		· · · ·						
Formation: LKC-B=G Deviated: No Whipstock Time Tool Opened: 01:16:57 Time Test Ended: 06:09:27	c ft(KB)		Tes	ter:	Convention Jeff Brow n 44		Hole
Interval: 3350.00 ft (KB) To Total Depth: 3425.00 ft (KB) Hole Diameter: 7.88 inchesi				Ref	erence Ek	evations: to GR/CF:	2118.	00 ft(KB) 00 ft(CF) 00 ft
Serial #: 8321 Outside Press@RunDepth: 261.27 ps Start Date: 2011.03.0 Start Time: 23:36:5	14 End Dati	e:	2011.03.05 06:09:27	Capacity Last Cali Time On Time Off	b.: Btm: 1	2011.03.05 2011.03.05	2011.03.0 @ 01:16:	27
TEST COMMENT: IFP-Strong bk								
ISI-Weak blov FFP-Good blo FSI-Weak blo	v back built to 1/8 in w BOB in 5 1/2 min w back built to 1/4	ו						
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure	w BOB in 5 1/2 mir w back buillt to 1/4	ı İn						
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure	w BOB in 5 1/2 mir w back built to 1/4	ı İn	Time (Min.)	Pi Pressure (psig)	RESSUF Temp (deg F)	RE SUMM		
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure	w BOB in 5 1/2 mir w back buillt to 1/4	1 in 	(Min.) 0	Pressure (psig) 1662.84	Temp (deg F) 87.94	Annotati Initial Hydr	on o-static	
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure	w BOB in 5 1/2 mir w back buillt to 1/4		(Min.) 0 1	Pressure (psig) 1662.84 56.96	Temp (deg F) 87.94 87.65	Annotati Initial Hydr Open To F	on o-static Tow (1)	
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 mir w back buillt to 1/4		(Min.) 0 1 15 46	Pressure (psig) 1662.84	Temp (deg F) 87.94 87.65 97.75	Annotati Initial Hydr	on ro-static Tow (1)	
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 mir w back buillt to 1/4		(Min.) 0 1 15 46	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35	Temp (deg F) 87.94 87.65 97.75 95.76 95.73	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F	o-static Tow (1) In(1) Tow (2)	
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure	w BOB in 5 1/2 mir w back buillt to 1/4		(Min.) 0 1 15 46 46 91	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2)	o-static Tow (1) In(1) Tow (2)	
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure	w BOB in 5 1/2 mir w back buillt to 1/4		(Min.) 0 1 15 46 46 91	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F	o-static Tow (1) In(1) Tow (2)	
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 min w back built to 1/4	n in 	(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static Tow (1) In(1) Tow (2)	
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 min w back built to 1/4		(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I	o-static Tow (1) In(1) Tow (2)	
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 min w back built to 1/4		(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	o-static Tow (1) In(1) Tow (2)	Gas Rate (Mct/d)
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 min w back built to 1/4		(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	on o-static Tow (1) In(1) Tow (2) In(2) o-static	Gas Rate (McM)
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure To To To To To To To To To To	w BOB in 5 1/2 min w back built to 1/4	n in " " " " " " " " " " " " " " " " " "	(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	on o-static Tow (1) In(1) Tow (2) In(2) o-static	Gas Rate (Mc/d)
ISI-Weak blov FFP-Good blo FSI-Weak blov Pressure To To To To To To To To To To	w BOB in 5 1/2 min w back built to 1/4	Volume (bbl) 2.39	(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	on o-static Tow (1) In(1) Tow (2) In(2) o-static	Gas Rate (Mcd/d)
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure The second sec	w BOB in 5 1/2 min w back built to 1/4	1 in	(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	on o-static Tow (1) In(1) Tow (2) In(2) o-static	Gas Rate (Mc/d)
ISI-Weak blow FFP-Good blo FSI-Weak blow Pressure	w BOB in 5 1/2 min w back built to 1/4	л in	(Min.) 0 1 15 46 46 91 153	Pressure (psig) 1662.84 56.96 154.57 529.57 143.35 261.27 464.97	Temp (deg F) 87.94 87.65 97.75 95.76 95.73 101.60 100.12 100.99	Annotati Initial Hydr Open To F Shut-In(1) End Shut-I Open To F Shut-In(2) End Shut-I Final Hydro	on o-static Tow (1) In(1) Tow (2) In(2) o-static	Gas Rate (Mc/d)

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	RILOBITE	DRI	LL STEM TEST REPOR	Т	F	LUID SUMMAR
11 A		Lario C	Dil &Gas Company	Marshall	A #34	
	ESTING , INC	301 S I	Market St	31-11s-17	w-Ellis	
		Wichita	a Ks 67202 + 3805	Job Ticket:	042856	DST#: 2
NON'		ATTN:	Jay Schweikert	Test Start:	2011.03.04 @ 23	:36:57
lud and Cu	shion Information				· · · ·	
lud Type: Ge			Cushion Type:		Oil API:	41 deg API
lud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	140000 ppm
iscosity:	51.00 sec/qt		Cushion Volume:	bbl		
Vater Loss:	6.40 in ³		Gas Cushion Type:			
esistivity: alinity:	ohm.m 3000.00 ppm		Gas Cushion Pressure:	psig		
ilter Cake:	inches					
ecovery In	formation	******				
	r		Recovery Table	1	П	
	Leng ft	ហ	Description	Volume bbl		
		189.00	MW 10%M90%W	2.38	7	
		63.00	SOCMW 10%05%M85%W	0.88		
		63.00	VSOCGMW 3%07%G35%M55%W	0.88		
		157.00 25.00	SOCWM 10%O10%W80%M	2.20		
		25.00	Free Oil 163 GIP	0.35		
	Total Length:		.00 ft Total Volume: 6.708 bbl		2	
	_					
	Num Fluid Same	oles: 0	Num Gas Bombs: 0	Serial #	¥-	
	Num Fluid Samp Laboratory Nan		Num Gas Bombs: 0 Laboratory Location:	Serial #	* .	
	-	ne:	Num Gas Bombs: 0 Laboratory Location:	Serial #	! .	
	Laboratory Nan	ne:		Serial #	* .	
	Laboratory Nan	ne:		Serial i	* .	
	Laboratory Nan	ne:		Serial #	¥.	
	Laboratory Nan	ne:		Serial I	ŧ	
	Laboratory Nan	ne:		Serial i	¥.	
	Laboratory Nan	ne:		Serial 1	¥.	
	Laboratory Nan	ne:		Serial #	¥.	
	Laboratory Nan	ne:		Serial i	¥.	
	Laboratory Nan	ne:		Serial i	¥.	
	Laboratory Nan	ne:		Serial 1	¥.	
	Laboratory Nan	ne:		Serial 1	¥.	
	Laboratory Nan	ne:		Serial #	¥.	·
	Laboratory Nan	ne:		Serial #	¥.	·
	Laboratory Nan	ne:		Serial 1	¥.	
	Laboratory Nan	ne:		Serial 1	¥.	
	Laboratory Nan	ne:		Serial 1	* .	
	Laboratory Nan	ne:		Serial 1	* .	
	Laboratory Nan	ne:		Serial #	₹	
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Ref. No: 042856

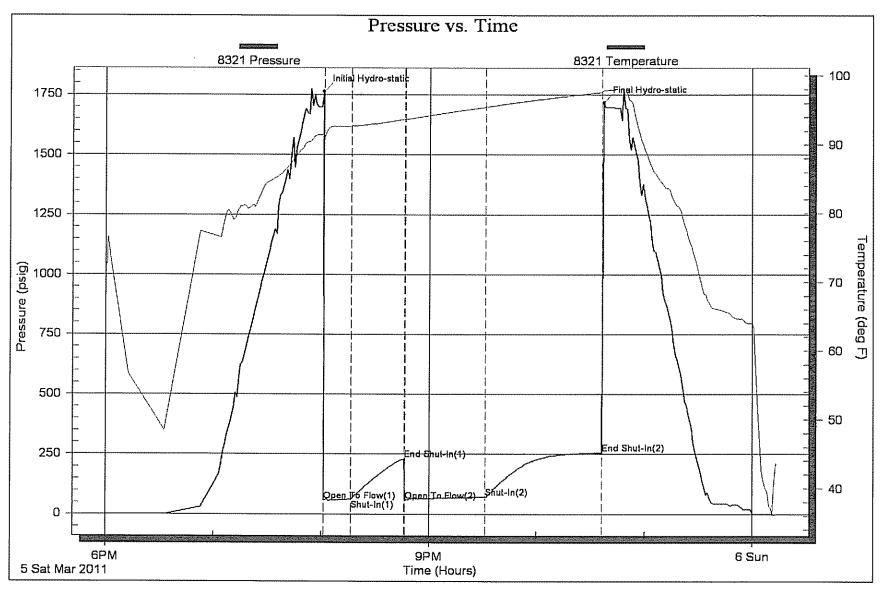
Printed: 2011.03.05 @ 11:35:27 Page 3

	RILOBITE	DRILL STEM TES				404		
福勤	TESTING , INC.	cano on doas company		Ma	rshall A	x #34		
111	I LOTING, INC.	301 S Market St Wichita Ks 67202 + 3805		31-	-11s-17w	/-Ellis		
		VWCIIKA NS 07202 + 3000		Job	Ticket: 04	42857 DST	#:3	
"MODAN"		ATTN: Jay Schweikert		Tes	t Start: 20	011.03.05 @ 18:00:23	3	
GENERAL	INFORMATION:							
Formation:	LKC-H-I-J							
Deviated:	No Whipstock	ft (KB)	Test Type: Conventional Bottom Hole Tester: Jeff Brow n					
	ened: 20:01:23 Jed: 00:13:23					Jeff Brown 44		
Interval:	3450.00 ft (KB) To 35	55 00 ft (KB) (TVD)			erence Ba		00 ft (KB)	
Total Depth:	3555.00 ft (KB) (T			1 VEI			00 ft (CF)	
Hole Diamete					KBI		DO ft	
Serial #: 1	3321 Outside							
Press@RunE		@ 3520.00 ft (KB)		Capacity	:	8000.0)0 psig	
Start Date:	2011.03.05	End Date:	2011.03.06	Last Cali		2011.03.0		
Start Time:	18:00:24	End Time:	00:13:23	Time On I Time Off		2011.03.05 @ 20:00:5		
				inte Ull	wort ,	2011.03.05 @ 22:36:	,,	
TEST COM	MENT: IFP-Good blow B							
	ISI-Weak surface FFP-Good blow 1							
	FSI-Weak surfac							
	Pressure vs. T	tille temperature				E SUMMARY		
rm -			Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation		
	ATT		0	1762.34	91.53	Initial Hydro-static		
			1	57.31	90.59			
			16 45	61.91 229.66	92.70 93.68			
				55.56		Open To Flow (2)		
		R R		69.44		Shut-In(2)		
			155	255.04	1	End Shut-In(2)		
		<u> </u>	156	1715.62	97.87	Final Hydro-static		
° t								
574 148 Mar 2711	SPU [rne(Meus)]	<u><u></u>сал</u>						
	Recovery				Gas	Rates		
Langth (ft)	Description	Volume (bbl)			Chole (ir	rches) Pressure (psig)	Gas Rate (Mc/d)	
55.00	SOCGM 5%G5%O90%M	0.51	:					
0.00	163 Gip	0.00						
		1 1	1					

(ONT		DRII	L STEM TEST	REPORT	-		FLUID SI	UMMAR
	RILOBITE	Lario Oil	&Gas Company		Marshall	A #34		- -
	ESTING , INC.		larket St Ks 67202 + 3805		31-11s-17v			
					Job Ticket: C		DST#: 3	
		ATTN:	Jay Schweikert		Test Start: 2	011.03.05 @ 10	3:00:23	
	nion Information							
Mud Type: Gel C			Cushion Type:			Oil API:		deg API
/ud Weight: /iscosity:	9.00 lb/gal 57.00 sec/qt		Cushion Length: Cushion Volume:		ft bbl	Water Salinity:		ppm
Vater Loss:	6.80 in ³		Gas Cushion Type:		ועט			
æsistivity:	ohmm		Gas Cushion Pressu	e:	psig			
	5000.00 ppm				1-0			
ilter Cake:	inches							
Recovery Info	rmation							
	······	I	Recovery Table			٦		
	Lengt ft		Description		Volume bbl			
			SOCGM 5%G5%O90%M		0.507			
		0.00	163 Gip		0.000	1		
	Total Length:	55.0	00 ft Total Volume:	0.507 bbl				
	Num Fluid Samp	les: 0	Num Gas Bombs:	0	Serial #	:		
	Laboratory Nam		Laboratory Locati	on:				
	Recovery Comm	nents:						
	j, Inc		f. No: 042857			: 2011.03.06 @		

Serial #: 8321 Outside Lario Oil & Gas Company

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 042857

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io Oil &Gas Company I S Market St shita Ks 67202 + 3805 TN: Jay Schw eikert ft (KB) 9 ft (KB) (TVD) dition: Fair 3606.00 ft (KB) End Date: End Time: 2 3/4 in / back built to 1/8 in o 3 in w back built to 1/8 in	2	2011.03.06 16:14:57	31- Job Tes Tes Unit Refe Capacity Last Calil Time On Time Off	t Type: 0 ter: . No: 4 erence Be KB t Btm: 2 Btm: 2	2-Ellis 22858 011.03.06 @ Conventiona Jeff Brown 44 evations: o GR/CF:	al Bottom Hole 2123.00 ft (K 2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
thita Ks 67202 + 3805 TN: Jay Schweikert ft (KB) ft (KB) ft (KB) (TVD) dition: Fair 3605.00 ft (KB) End Date: End Time: 2 3/4 in y back built to 1/8 in o 3 in w back built to 1/8 in	2		Job Tes Tes Unit Refe Capacity Last Calil Time On Time Off	Ticket: 04 t Start: 20 t Type: 0 ter: . No: 4 erence Be KB t Btm: 2 Btm: 2	22858 011.03.06 @ Conventiona Jeff Brow n 44 evations: o GR/CF: 2011.03.06 (2011.03.06 (2 10:41:27 al Bottom Hole 2123.00 ft (K 2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
TN: Jay Schweikert ft (KB) 9 ft (KB) (TVD) dition: Fair 3605.00 ft (KB) End Date: End Time: 2 3/4 in 7 back built to 1/8 in 0 3 in w back built to 1/8 in	2		Tes Tes Unit Refu Capacity Last Cali Time On Time Off	t Start: 20 t Type: 0 ter: , No: 4 erence Be KB t Bim : Bim :	011.03.06 @ Conventiona Jeff Brown 44 evations: o GR/CF: 2011.03.06 (2011.03.06 (2 10:41:27 al Bottom Hole 2123.00 ft (K 2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
ft (KB) ft (KB) (TVD) dition: Fair 3606.00 ft (KB) End Date: End Time: 2 3/4 in 7 back built to 1/8 in 0 3 in w back built to 1/8 in	2		Tes Tes Unit Refe Capacity Last Calit Time On Time Off	t Type: 0 ter: . No: 4 erence Be KB t Btm: 2 Btm: 2	Conventiona Jeff Brow n 44 evations: o GR/CF: 2011.03.06 (2011.03.06 (al Bottom Hole 2123.00 ft (K 2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
9 ft (KB) (TVD) dition: Fair 3606.00 ft (KB) End Date: End Time: 2 3/4 in 7 back built to 1/8 in 0 3 in 8 back built to 1/8 in	2		Tes Unit Refe Capacity Last Calil Time On Time Off	ter: No: erence Be KB t KB t b.: Btm Btm	Jeff Brown 44 evations: o GR/CF: 2011.03.06 (2011.03.06 (2123.00 ft (K 2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
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dition: Fair 3605.00 ft (KB) End Date: End Time: 2 3/4 in 7 back built to 1/8 in 6 3 in 8 back built to 1/8 in	2		Unit Refr Capacity Last Calil Time On Time Off	No: 4 erence Be KB t : : b.: Btm : Btm :	44 o GR/CF: 2011.03.06 (2011.03.06 (2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
dition: Fair 3605.00 ft (KB) End Date: End Time: 2 3/4 in 7 back built to 1/8 in 6 3 in 8 back built to 1/8 in	2		Capacity Last Calil Time On Time Off	KB t : b.: Btm: : Btm: :	o GR/CF: 2011.03.06 (2011.03.06 (2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
dition: Fair 3605.00 ft (KB) End Date: End Time: 2 3/4 in 7 back built to 1/8 in 6 3 in 8 back built to 1/8 in	2		Capacity Last Calil Time On Time Off	KB t : b.: Btm: : Btm: :	o GR/CF: 2011.03.06 (2011.03.06 (2118.00 ft (C 5.00 ft 8000.00 psig 2011.03.06 @ 12:31:27 @ 15:02:57
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End Date: End Time: 2 3/4 in back built to 1/8 in o 3 in w back built to 1/8 in	2		Last Cali Time On Time Off	b.: Btm: : Btm: :	2011.03.06 (2011.03.06 (2011.03.06 @ 12:31:27 @ 15:02:57
End Date: End Time: 2 3/4 in back built to 1/8 in o 3 in w back built to 1/8 in	2		Last Cali Time On Time Off	b.: Btm: : Btm: :	2011.03.06 (2011.03.06 (2011.03.06 @ 12:31:27 @ 15:02:57
End Time: 2 3/4 in back built to 1/8 in o 3 in w back built to 1/8 in	2		Time On Time Off	Btm 2 Btm 2	2011.03.06 (2011.03.06 (@ 12:31:27 @ 15:02:57
2 3/4 in / back built to 1/8 in o 3 in w back built to 1/8 in			Time Off	Btm	2011.03.06 (@ 15:02:57
v back built to 1/8 in o 3 in w back built to 1/8 in			PI			_
		Time	Pressure	Тепр	Annotatio	n
	- 100	Time	Pressure	Тетр	Annotatio	n
1 I I I I	- #5	(Min.) 0	(psig) 1824.69	(deg F) 90.08	Initial Hydro	o-static
	- 68	1	85.32	89.77	1	
	- 12	16	160.74		Shut-In(1)	- (4)
	. B Teng	46 46	185.87 75.37		End Shut-Ir Open To Fl	
	2	89	183.64		Shut-In(2)	
	aturs (dag F)	150	189.44	98.74	r i i i i i i i i i i i i i i i i i i i	••
	- 85	152	1771.57	98.98	Final Hydro	o-static
	- 50					
	- #					
i ,						
				Ga	s Rates	
Voturre (bbi)				1		re (psig) Gas Rate
0.54		L	······			
	$\frac{1}{1}$					
	Zu Zu Valume (bbl)	страница	152 5 5 5 5 5 5 5 5 5 5 5 5 5	та та та та та та та та та та та та та т	152 1771.57 98.98 98.98 98.98	152 1771.57 98.98 Final Hydro 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50 50

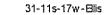
Trilobite Testing, Inc

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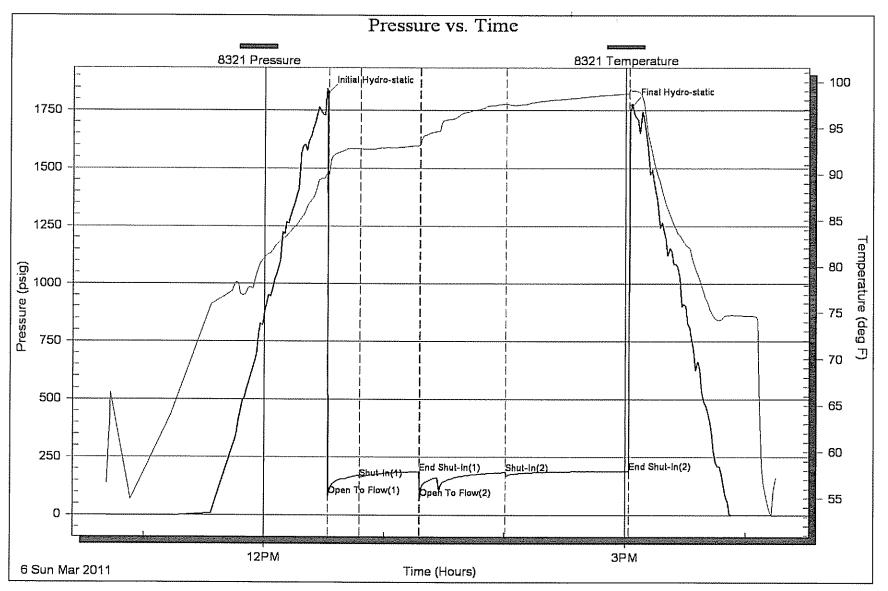
	DR	ILL S	STEM TES	ST RE	PORT	,		FLUID SI	JMMARY
RILOBITE	Lario	Oil &Gas	s Company		Marshall				
ESTING , IN		Market a Ks 67	St 202 + 3805		31-11s-17w-Ellis Job Ticket: 042858 DS ⁻			; #:4	
	ATTN	Jay S	ichw eikert				2011.03.06 @ 10		
Mud and Cushion Information	 		·						
Mud Type: Gel Chem Mud Weight: 9.00 lb/gal Viscosity: 57.00 sec/qt Water Loss: 6.80 in ³ Resistivity: ohm.m Salinity: 5000.00 ppm Filter Cake: inches			Cushion Type: Cushion Length: Cushion Volume Gas Cushion Ty Gas Cushion Pre	: pe:		ft bbl psig	Oil API: Water Salinity:		deg API ppm
Recovery Information				•					
	ıgth		Recovery Tab	le	1	Volume	7		
	t 57.00	Marcia	with a scum of oil			bbl			
Total Length:		7.00 ft	Total Volume	 :	0.535 bbl	0.53	의		
Laboratory N Recovery Cc			Laboratory L	ocation:					

Serial #: 8321 Outside Lario Oil & Gas Company

 $\mathcal{L}_{\mathcal{T}}$



DST Test Number: 4



Trilobite Testing, Inc

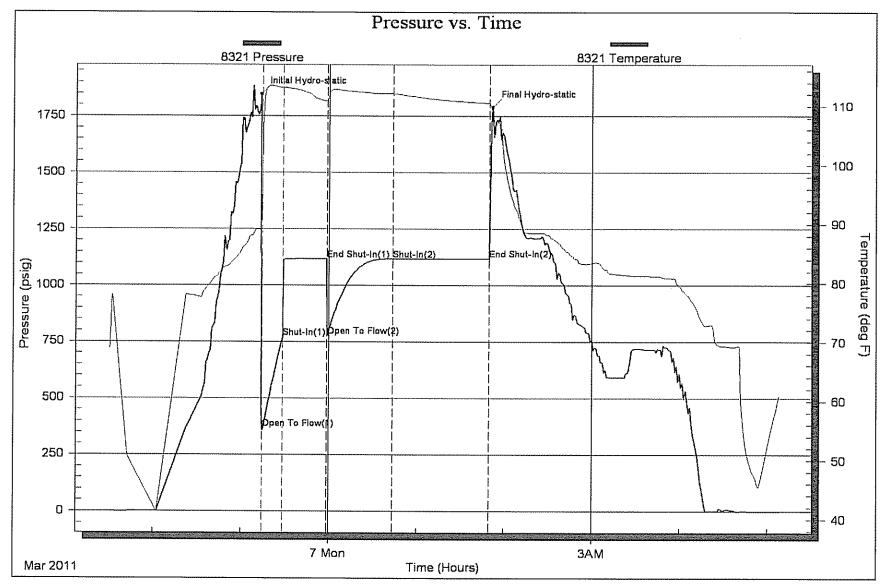
Ref. No: 042858

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	RILOBITE	Lario Oil &G	as Company			<u>л</u> я.	arshall A	434		
一面	ESTING , INC									
目目	I LUTINU, NU	00108010	≥t St 57202 + 3805			31	-11s-17w	/-Ellis		
		WORLD IN I	57202 + 3003			Job	o Ticket: 04	42859	DST#:5	i
		ATTN: Jay	Schw eikert			Tes	st Start: 20	011.03.06 @	21:30:14	
GENERAL	INFORMATION:				*****		********			
Formation: Deviated:	Arbuckle No Whipstock	ft	(КВ)					Conventiona	I Bottom Hol	e
	bened: 23:14:14 ided: 05:07:44							Jeff Brown 44		
Interval:		51.00 ft (KB)	(TVD)			Ret	ference Ek	evations:	2123.00	
Total Depth:									2118.00	
Hole Diamete	er: 7.88 inchesHok	e Condition: F	air				KB	to GR/CF:	5.00	ft
Serial #:									T	
Press@Runl Start Date:			0 ft (KB)		2011.03.07	Capacity			8000.00	psig
Start Date: Start Time:	2011.03.06 21:30:15		End Date: 2 End Time:			Last Calib.: 2011.0 Time On Btm: 2011.03.06 @ 23:13				
	2,100,10	الا المحالي			05:07:44	Time Off		2011.03.00 (2011.03.07 (
	FFP-Strong blow FSI-Weak surfac	e blow back b				P	RESSUE		ARY	
,		EIII Terrow	R.141	7.	Time	Pressure		Annotatio		
C30				1 10	(Min.)	(psig)	(deg F)			
1					0	1846.44	89.21			
+		K I			1 15	366.55 769.29	ſ	Open To Fi Shut-In(1)	ow (1)	
, = <u>+</u>					45	1117.07		End Shut-In	ı(1)	
				forsporature B	46	775.31		Open To Fl	ow (2)	
5 L A		į V	λ		90	1116.95		Shut-In(2)	(0)	
* 789 []				R (deg F)	157 159	1117.38 1788.34	110.55 108.43	End Shut-In Final Hydro		
500 +		l	\rightarrow \uparrow	ω		1100.04	100.40	T MOLT IYO O	-31800	
⇒[- 65						
, LV		1								
<u>ל</u> אור סונ	7 Marca 7 Marca Terra (Manata)			1°						
	Recovery		*****					s Rates	*****	
Length (fl)	Description		Volume (bbi)	7			Chole (in		e (psig) Gas	Rate (Mct/c
1260.00	Water		17.41	1	L		1	l	<u>_</u>	·
630.00	VSOCW 2%098%W		8.84	1						
	HOCGW 10%G30%O60%	6W	2.65	1						
189.00	OCGM10%G20%O70%M	1	3,53]						
189.00 252.00				T ł						
	MO 10%M90%O		1.77							

	DRI	LL STEM TEST RE	PORT		FLUID SUMMARY		
)il &Gas Company	M	larshall A #34			
ESTING , INC	00101	Varket St I Ks 67202 + 3805		1-11s-17w-Ellis bb Ticket: 042859	DST#:5		
	ATTN:	Jay Schweikert	Te	est Start: 2011.03.06 @	21:30:14		
Mud and Cushion Information					· · · · · · · · · · · · · · · · · · ·		
Mud Type: Gel Chem		Cushion Type:		Oil API:	34 deg API		
Mud Weight: 9.00 lb/gal		Cushion Length:	ft	Water Salinit	y: 58000 ppm		
Viscosity: 56.00 sec/qt		Cushion Volume:	bb	bl			
Water Loss: 7.99 in ³		Gas Cushion Type:					
Resistivity: ohm.m Salinity: 9900.00 ppm Filter Cake: inches		Gas Cushion Pressure:	ps	sig			
Recovery Information			**************				
• • • • • • • • • • • • • • • • • • •		Recovery Table					
Leng	th	Description		Volume bbl			
1	260.00	Water		17.410			
	630.00	VSOCW 2%098%W		8.837			
	189.00	HOCGW 10%G30%O60%W		2.651			
	252.00 126.00	OCGM10%G20%O70%M MO 10%M90%O		3.535			
Total Length:	2457		I 34.200 bbl	1.767			
Num Fluid Samp Laboratory Nam Recovery Com	ne:	Num Gas Bombs: (Laboratory Location:) 	Serial #.			
			~				





Ref. No: 042859

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