Confidentiality Requested: Yes No

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

1097471

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 North / 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.xxxx) (e.gxxx.xxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD ☐ SIOW ☐ Gas ☐ D&A ☐ ENHR ☐ SIGW	Elevation: Ground: Kelly Bushing:
□ Gas □ DaA □ ENH □ SIGW □ OG □ GSW □ Temp. Abd.	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to ENHR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #: SWD Permit #:	Lesstion of fluid dispass if bould offsite.
SWD Permit #:	Location of fluid disposal if hauled offsite:
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	QuarterSecTwpS. 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	1097471
Operator Name:	Lease Name:	Well #:
Sec TwpS. R East _ West	County:	

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 SI	heets)	Yes No	L	og Formatio	on (Top), Depth a	nd Datum	Sample
Samples Sent to Geolo		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 / SQL	EEZE RECORD			
Purpose:	Depth	Type of Cement	# Sacks Used		Type and F	Percent Additives	

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

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

Shots Per Foot	PERFORATION RE Specify Footag	CORD - Bridge Plugs Set/Ty e of Each Interval Perforated	pe		Shot, Cement Squeeze Record and Kind of Material Used)	Depth
TUBING RECORD:	Size: Se	et At: Packe	er At:	Liner Run:	s 🗌 No	!
Date of First, Resumed Pr	oduction, SWD or ENHR.	Producing Method:	nping	Gas Lift Other	(Explain)	
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Wate	er Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:
Vented Sold Used on Lease	Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) (Submit ACO-4)	
(If vented, Submit ACO-18.)	Other (Specify)	

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Parsons B 1-4
Doc ID	1097471

All Electric Logs Run

CDL/CNL/PE
DIL
MEL
SONIC

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Parsons B 1-4
Doc ID	1097471

Tops

Name	Тор	Datum
Heebner	3943	-1005
Lansing	3986	-1048
Stark Shale	4219	-1281
Hushpuckney	4255	-1317
Base KC	42691	-1353
Marmaton	4348	-1410
Pawnee	4428	-1490
Ft. Scott	4451	-1513
Johnson	4549	-1611
Morrow	4567	-1629
Basal Penn	4598	-1660
Mississippian	4618	-1680
Spergen	4688	-1750

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 Thomas E. Wright, Commissioner Shari Feist Albrecht, Commissioner Sam Brownback, Governor

January 07, 2013

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

Re: ACO1 API 15-063-22044-00-00 Parsons B 1-4 SW/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



PO Box 93999 Southlake, TX 76092

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: 133128 Invoice Date: Oct 12, 2012 Page: 1



Dnilling AFFIL-285 ek 10/19/12

Custon	ner ID	Well Name/# or Customer P.O.	Payment 1	ſerms
Lar	io	Parson B #1-4	Net 30 D	Jays
Job Loc	cation	Camp Location	Service Date	Due Date
KS1-	01	Oakley	Oct 12, 2012	11/11/12
Quantity	Item	Description	Unit Price	Amount
175.00	MAT	Class A Common	17.90	3,132.50
3.00	MAT	Gel	23.40	70.20
6.00	MAT	Chloride	64.00	384.00
188.50	SER	Cubic Feet	2.48	467.48
344.00	SER	Ton Mileage	2.60	894.40
1.00	SER	Surface	1,512.25	1,512.25
40.00	SER	Pump Truck Mileage	7.70	308.00
1.00	SER	Manifold Head Rental	275.00	275.00
40.00	SER	Light Vehicle Mileage $\mathcal{D}^{\prime\prime}$	4.40	176.00
1.00	EQP	Manifold Head Rental Light Vehicle Mileage 8.5/8 Wooden Plug Terry Heinrich Wayna McGhaby	7 107.64	107.64
1.00	CEMENTER	Terry Heinrich	(
1.00	EQUIP OPER	Wayne McGhghy		
		DIST 2 1 805.	1	
		et la		

ALL PRICES ARE NET, PAYABLE 30 DAYS FOLLOWING DATE OF INVOICE. 1 1/2% CHARGED THEREAFTER. IF ACCOUNT IS CURRENT, TAKE DISCOUNT OF



ONLY IF PAID ON OR BEFORE
Nov 6, 2012

Subtotal	7,327.47
Sales Tax	297.39
Total Invoice Amount	7,624.86
Payment/Credit Applied	
TOTAL	7,624.86

ALLIED CEME	NTING CO., LLC. 0441.36
Federal Tax REMIT'TO P.O. BOX 31	I.D.# 20-5975004
RUSSELL, KANSAS 67665	SERVICE POINT:
10-12-12 SEC. 4 TWP. RANGE DATE 4 135 3160	CALLED OUT ON LOCATION JOH START JOB FINISH 300 Mm 6:00 PM 6:30 PM
LEASE WELLA 1-4 LOCATION DAKL	EY 115-415-125-15 ED GOVE STATE
OLD OR(NEW)Circle one)	010100 -0105
CONTRACTOR SAUTHWIND REG # 70 TYPE OF JOB SURFACE	OWNER SAME
HOLE SIZE 12.44 T.D. 2.65 CASING SIZE 8.54 DEPTH 2.65	CEMENT
CASINO SIZE 8.2% DEPTH 265'	AMOUNT ORDERED 175 385 com 3% cz 28 381
DRILL PIPE DEPTH	1 10 345 COM 0 10 CC 2/2 981
TOOL DEPTH	······································
PRES. MAX MINIMUM	COMMON 175 @ 17 20 3132 20
MEAS, LINE SHOE JOINT	POZMIX
CEMENT LEFT IN CSG. 15 ⁻⁷ PERFS.	OEL 3 5K5 @ 23 40 70 -20
DISPLACEMENT 15,92 605	CHLORIDE <u>2 SKs</u> @ 54 2 545 3 84
EQUIPMENT	Q
PUMP, TRUCK CEMENTER TERRY HEINRECH	
1 43/ HELPER 444/WE Ma Ghaby	//@ '
BULKTRUCK H HOH DRIVER Thomas TOPRES (10)	@
BULK TRUCK	@
¢ DRIVER	HANDLING 188.50 20 FT @ 2 4 467 2
REMARKS:	MILBAGB 8-6 TONX 40 X 260 = 894 20
Hosk on TO 8-50" CREENS, DREAK	244 TOTAL 4948.55
Circulation, Mask of To TRuck, MIX 17555 LON 370 CC 220 SEL. Displace	SURVICE
with 15,92 RAK WHER, Shut IN.	DEPTH OF JOB 265
CEMENT SED CYPE	PUMP, TRUCK CHAROB 1512 75
	BXTRA FOOTAGE @ MILBAGE HO MI @ 7 20 308 #
	MANIFOLD HEAR ROUTAL @ 275 4
Thusk You	Light Vehicle HOMI @ 4 40 176 T
CHARGE TO: LARID OF/+ 915, CO-	@
-	TOTAL 237/ 2
STREET	IOIAL DOWN
CITYSTATEZIP	PLUG & FLOAT EQUIPMENT
	1- Wooden plug 10764 1
To Allied Comenting 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	64
Jone to satisfaction and supervision of owner agent or	TOTAL 107 2
contractor. I have read and understand the "GBNERAL	SALES TAX (I(Any) 294449
FERMS AND CONDITIONS" listed on the reverse side.	TOTAL CHARGES 3-291-44 - 732247
RINTED NAME SAA STA943	DISCOUNT
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IIONATURE Sam & Fryge	BID 33%
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BIDSHIET

Dala	9/16/12
Service Polati	0007423-5570755555
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Address	P.D. 60x27
	Dalley, K\$ 67743
Builders Phon	785 672 3457
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Subtotal				\$	1,845.68			\$1,236.74
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DISCOUNT: OTHER			33.0%		(90.75)	L		
			i folal i		(2,418.07)			



PO Box 93999 Southlake, TX 76092

(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 21, 2012

INVOICE

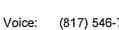
Invoice Number: 133320 Invoice Date: Oct 27, 2012 Page: 1



Custon	ner ID	Well Name/# or Customer P.O.	Payment Te	erms	
Lar	io	Parsons B #1-4	Net 30 Days		
Job Loo	ation	Camp Location	Service Date DL		
KS1-	02	Oakley	Oct 27, 2012	11/26/12	
Quantity	Item	Description	Unit Price	Amount	
575.00	MAT	ALW	15.95	9,171.25	
145.00	MAT	Flo Seal	2.97	430.65	
650.52	SER	Cubic Feet	2.48	1,613.29	
1,071.20	SER	Ton Mileage	2.60	2,785.12	
1.00	SER	Production Top Stage	2,406.25	2,406.25	
40.00	000	Duran Taurk Milagan No Chorgo			

drilling AFE 12-289 11-7-12 LK

				u +			
	1.00	SER	Produc	tion Top Stage		2,406.25	2,406.25
	48.00	SER	Pump	Truck Mileage No Charge			
	1.00	SER	Manifo	ld & Head Rental – No Charge			
	1.00	SER	Light V	/ehicle Mileage No Charge			
	1.00	CEMENTER	Alan R	yan			
	1.00	EQUIP OPER	Wayne	McGhghy			
	1.00	OPER ASSIST	Chris H	lelpingstine			
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	ALL PRICES AR	E NET, PAYABLE		Subtotal		*****	16,406.56
	30 DAYS FOLL	OWING DATE OF		Sales Tax			772.95
		2% CHARGED		Total Invoice Amount			17,179.51
		IF ACCOUNT IS (E DISCOUNT OF	:	Payment/Credit Applied			
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ALLIED OIL & GA	S SERV D.// 20-5976804	VICES	, LLC	058801
REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092		SB		Aley Ky
DATE 10/27/12 SEC. TWP. 25 PANOE	ALLED OUT	ON LOCATION		IOB FINISH 8130
EASE PARTONY AWELLA 1-4 LOCATION CAPILE	115 YE	125 Ent	12 COUNTY	STATE ()
CONTRACTOR Southwird 20	OWNER	Sime	<u> </u>	<i></i>
TYPE OF JOB Production 2 STage Top JOLE SIZE 78 7/8 T.D. CASINO SIZE 78 7/8 DEPTH TUBINO SIZE DEPTH	CEMENT AMOUNT OR	Dered 52	SALW 1	WFLO SEL
DRILL PIPE DEPTH FOOL DU PRES, MAX MINIMUM	COMMON		@	
MEAS, LINE SHOE JOINT CEMENT LEFT IN CSO.	POZMIX		@ @	· ····································
DISPLACEMENT 3 14 Ho O	CHLORIDE			1
EQUIPMENT	ALLU	575	_@ <u>75%</u>	9/17
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JULK TRUCK 3 Clw 7 - Paul 13	······································		@ @ @	**
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:ITYSTATEZIP	1	PLUG & FLO/	nt equipmen	ł . ,
			@	
fo: Allied Oil & Gas Services, LLC.	·		@ @	·
You are hereby requested to rent comenting equipment and furnish comenter and helper(s) to assist owner or contractor to do work as is listed. The above work was		·····		- <u> </u>
lone to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL		1.		
	9 X I 22 TAY /	(Any)/	12,75	5
FBRMS AND CONDITIONS" listed on the reverse side.		1 200	3,466,57	3
	TOTAL CHAR DISCOUNT	OES [(557	ら,406.576 8 <u>,えう</u> (F PAI	D IN 30 DAYS
RINTED NAME Jay Fletcher IGNATURE 444 Alth	SALES TAX (I TOTAL CHAR DISCOUNT	Bid	<u>3,406,576</u> <u>8:23</u> 18 pm 3426	⇒ D IN 30 DAYS

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OID SHEET

Date	9/26/12			
Service Polats	Oalley			
Manager	TerryHelarich			
Address	. P.O. Box 17			
	Oalley, N5 67748			
Business Phon	# 1785-672-3452			
E-mra	** 765-677-1452 (24)19-23 PJ=14-21(21)1+545 (24)19-23 PJ=14-21(21)1+545			
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ALLIED IN OIL & GAS SERVICES, LLC

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Compiny	LING DJ & GII COMPANY	Prepared fors	Hay surveillert	1	1. 1. W	0.0211	
Address	3015 Aufet	Titles	Opers treri	Open Hole	77/4	Depth	4700
Aðdrass	Wichila Kansa (67202 - ·	Builters Phone:	115-245-3611	۰.		LD,	7.875
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			Cost per	1		L	Unit	
	Units	UOM	Unit	I	Total		Hel	Ra
CISO - Casing Pemp Eherge 4001' to 5000'	1.03	(for 6 hours)	\$1,765.75	5	2,765.75	\$	3,835.40	\$1,825,4
······	1.00	(for 5 hours)	\$2,405.25	5	2,405.25	5	3,518.13	\$1,518.1
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liast Shoe	1.00.	Each	\$392.59	15	382.59	5	252.51	\$257.5
Latch Down Plug	1.00	Each	\$272.61	5	272.61	5	\$79.97	\$179.9
Stage Collar	1.00 -	Erch	\$4,831.60	s	4,811.60	\$	3,146.65	\$3,188.8
CementBastel	1.00	Eath,	\$394.21	5	354.21	5	260.38	\$260.1
Centrather	9.00	Each	\$16.16	5	505.44	\$	37.07	\$333.5
•	· 0.00	Eich .	\$0,00	5	-	5		\$0.0
Subteral	1			3	6,116,45			\$1,215.0
ASCA - ALLIED SPECIAL DUEND CANTCLASS A	175.00	persack	\$20.90	S	3,657,50	\$	13.79	\$7,4)3.9
ALCZA - ALUED LT. Y/T. CENTTYPE S-CLASS A	575.00	persack	\$16.50	5	9,487,50	\$	10.89	\$6,761.7
FLSL - Ito Seal	145.00	perpound	\$2.97	5	430,65	\$	1.96	\$124.7.
5115 • 6150078	875,00	perpound	\$0.93	\$	857.50	\$	0.65	\$\$65.9
IL-160 - F1-160 Huld Loss Add thre Ill-Temp	* 49.00	"per pound	518.50	5	926.1D	\$	\$2.47	\$611.7
PDLF - Powdered Deformer .	24.00	perpound	59,60	5	235.20	\$	6.47	\$155.2
SPFL - Super Hush	12.00	perbbls	558.70	\$	701.40	\$	30.74	\$464.9
	0.00	0.00	\$0.00	\$	•	3	•	\$0,00
isblotij				\$	16,298.85			\$10,757.2
HOLO + Products handfing terrike charge	862.60	per cu. FL	\$7.48	\$	7,139.25	\$	1.64	\$1,411.90
DRYG - Drayage for products	1458.00	lonmie	\$2.60	5	3,790.80	5	1.72	\$7,501.93
MiLV - Daht Vehicle Alleage	40,00	permite	\$6.40	5	176.00	5	2.90	\$116.16
MIN - Heavy Vehide Mileage	40.00	permie	\$7.70	5	303.00	5	5.03	\$203.21
Subtatal					6,414.05			\$4,132.27
CATHO - Cementing Head Rental with Manilold	1.00	perday	\$275.00	\$	275.00	\$	101.50	\$181.50
	0.00	0.00	50.00	5	+	5	•	\$0.00
istoldul				\$	275.00			\$161.50
Cotals:				\$	34,546.35			\$22,600,55
DISCOUNT: Operations			34.0%		(1,758.48)	_		
DISCOULT: Equipment fales			34.0X		(7,171.39)			
DISCOUNTEPRODUCE			34.0%		(5,541.61)			
DISCOULT: Transport			34,0%		{7,1E0.78)			
DISCOURT: ODIEA			34.0%		{93.50}			
			Total		(11,745.76)			



PO Box 93999 Southlake, TX 76092

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 21, 2012

INVOICE

Invoice Number: 133318 Invoice Date: Oct 27, 2012 Page: 1



1	Parsons B #1-4	Net 30	Dave
Lario			Days
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Oct 27, 2012	11/26/12

drilling AFE 12-289 11-7-12 65

Quantity	Item		Descriptio	on	Unit Price	Amount
180.00	MAT	ASC			20.90	3,762.00
42.00	MAT	Defoame	er		9.80	411.60
56.00	MAT	FL-160			18.90	1,058.40
12.00	MAT	WFR-2	1		58.70	704.40
232.06	SER	Cubic Fe	eet /		2.48	575.53
401.60	SER	Ton Mile	age 🗸		2.60	1,044.16
1.00	SER	Producti	on Bottom Stage		2,765.75	2,765.75
40.00	SER	Pump Tr	ruck Mileage		7.70	308.00
1.00	SER	Manifold	Rental		275.00	275.00
40.00	SER	Light Ve	hicle Mileage		4.40	176.00
1.00	EQP	4.5 D V	Tool		4,831.60	4,831.60
1.00	EQP	4.5 Latcl	h Down Assembly		272.01	272.01
1.00	EQP	4.5 Float	t Shoe		382.59	382.59
1.00	EQP	4.5 Bask	cet		394.71	/ 394.71
9.00	EQP	4.5 Cent	ralizer		56,16	505.44
1.00	CEMENTER	Alan Rya	an	A A Aver	all	$I_{\rm A}$ $A_{\rm A}$ $A_{\rm A}$
1.00	EQUIP OPER	Wayne N	ИсGhghy		He was a	6
1.00	OPER ASSIST	Chris He	Ipingstine	Kron		
1.00	OPER ASSIST	Paul Bea	aver	V '		
					al /	
	ENET DAVADLE		Subtotal		qe .	17,467.19
	'E NET, PAYABLE OWING DATE OF		Sales Tax			

				<i>a</i>		
	E NET, PAYABLE		Subtotal	- qe		17,467.19
	OWING DATE OF		Sales Tax		e	991.98
	/2% CHARGED		Total Invoice Amount			18,459.17
	IF ACCOUNT IS (E DISCOUNT OF		Payment/Credit Applied			
		41	TOTAL		e e andre	18,459.17
\$59.38.	87	N				

ALLIED OIL & GA	S SERVICES, LLC 058800
REMIT TO P.O. BOX 93999 SOUTHLAKE, TEXAS 76092	SERVICE POINT
DATE 10/97/12 SEC. TWP.3 RANDES C. LEAST 50205 B WELL 11 1-4 LOCATION Dafilles OLD OR NEW (Circle one)	ALLED OUT ON LOCATION JOB START JOB FINISH HOUSE STOPP- 11 5 4 E 15 5 COUNTY LI 5 4 E 15 5 COUNTY LI 6 4 E 15 5 COUNTY LI 7 6 4 E 15 5 COUNTY LI 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7
CONTRACTOR SWETH ward D TYPE OF JOB freduction 2 Stare Bostler HOLE SIZE 71% TD. CASINO SIZE 11 10 10 10 10 10 10 10 10 10 10 10 10	OWNER Separation CEMENT AMOUNT ORDERED 180 ASL 10% of self 20% or all GEL COMONT ORDERED 180 ASL 10% of self 20% or all OWNER COMMON Image: Comparison of the two intervention of the two interventions OBL COMMON Image: Comparison of the two interventions Image: Comparison of the two interventions COMMON Image: Comparison of the two interventions Image: Comparison of two interventions Image: Comparison of two interventions COMMON Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions COMMON Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions OBL Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of two interventions Image: Comparison of
ITREET	TOTAL $\frac{2524}{25}$ PLUG & FLOAT EQUIPMENT
Fo: Allied Oil & Gas Services, 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 lone to satisfaction and supervision of owner agent or contractor. I have read and understand the "GENERAL FBRMS AND CONDITIONS" listed on the reverse side. "RINTED NAME Jay Fletchr HONATURE AMMANNE	FID 700/ @ 4831 40 Latich Maan Apsimbly @ 321 40 Plant Shoe @ 324 40 Bug KT @ 324 40 Control Dary Q 510 40 SALES TAX (If Any) 435,15 TOTAL CHARGES 17,467,39/9 DISCOUNT 5438,87 Bid 3420

Date	9/25/12
Sensce Point	· Dalley
Maniger	TeiryHelneich
Address	. P.O. Bex 27
	01144.K\$ 67745
Bundels Pho	08 785-672-3452
E-mail	CHAN A AND SHOW THE STOLEY
Lita Ma	HERE THE TRANSPORT

Land Ol & Gas Company

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NgPhone

Initiation & Concentration John S. Abstrati Web/Clin Kahasi 67102 -Pairons 187 61-4

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Gaze - ..

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Company Address Address

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BID SHEET

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DpenHale 77/8 Depth Prepared for iny scharthert . 4700 7.475 25 Dezis Enize Dezis Enize 116-265-261Y La fachanzia teata segn 125-265 Mean Rupp Titler LD. lob Excess ۰. Builders Phone: £-mall: Costing Slie 4 1/2" Depth 4100 Mobile Phone: Frepared By: 4.3 4.3 4.5 10.5 5TC 0.0, Heinop Lafen Hila Off Minati Isleita Jula rentöspöltöculukaten IS-160-1057 South Wied Pitt I.D. Casing Weight Thread Title: Busintis Phone: E-mail: Mobile Phone: Grade J-55 Ng Contractor

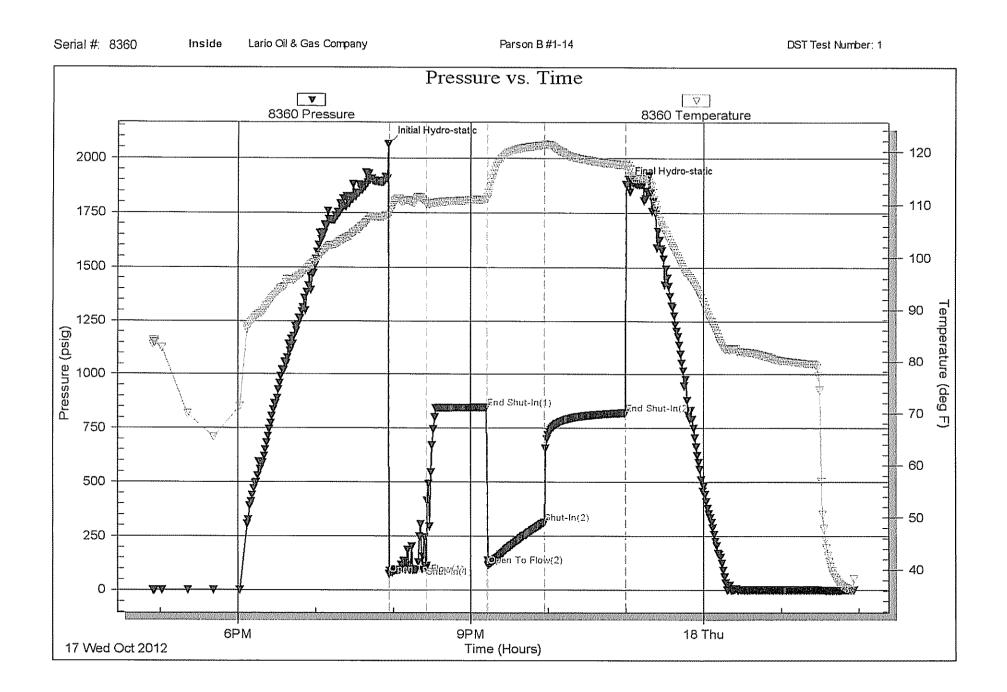
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			Cost per				Unit	
	Units	UOM	Unti		Yolal		Ret	tiet
at a shirt way	1.00	lice 6 hours)	\$1,765.75	3	2,765,75	\$	1,825.40	\$1,815,40
CISO - Callog Fomp Charge 4001' to 5000'	1.00	for 6 hours)	\$7,406.25	\$	2,405,25	\$	1,518,12	\$1,515.13
· · · · · · · · · · · · · · · · · · ·	0.00.	0.00	\$0.00	\$		\$.	•	\$0.00
•	0.00	0.00	50.00	5	+	5	•	\$0.00
	0.00	0.00	\$0.00	ŝ	•.	5	•	\$0.00
in the second	0.00	0.00		Ś	5,172.00			\$3,413,57
lubicial	1.02.	Each	\$181.59	3	182.59	ŝ	252.51	\$157.51
libal Shoe	1.00	Each	\$272.61	ŝ	277.61	5	179.92	\$179.92
atch Down the		Each	54,832,60	Ś	4.831.60	Ś	3,168,86	\$1,188.EE
lisge Collar	. 1.00.	Each	5191.21	Ť	391.71	\$	160.1B	\$160.18
Cement Basket	1.00	Each	\$56.16	5	\$05.44	5	32.07	\$133.55
Centra Stat	9.03	Each	\$0.00	Ś		5		\$0.00
	0.00	<u>Ea(n')</u>	30.00	5	6,386.45	<u>بر ج</u>		\$4,715.00
Sublatel			\$20.50	ŝ	3,657,50	S	11.79	57.413.95
ASCA - ASULO SPECIAL DURID CENTCLASS A	175.00	persack	\$16.50	\$	9.4\$7.50	5	10.59	\$6,261.75
ALCZA - ALBED LT. WT. CALT. TYPE 1-CLASS A	575.00	pernel	\$1.97	3	410.65	5	1.93	\$224.7
LSL flo Scal	145.00	perpound			B57.50	Ś	0.65	\$565.9
GILS + Gilsorite	875.00	Pariod 114	\$0.98	15	926.10	ŝ	12.47	\$611.2
12-160-12-160 Fhild Loss Additive II-Temp	19.00	perpound	\$18.90	15		*	6.47	\$155.2
PDEF - Fondered Deloamer	24.00	perpound	\$9.60	15	235.20	3	26.47	\$155,4
SPIL-Super Nush	17.00	perobli	\$58.70	<u> </u>	701.40	<u> </u>		50.00
	0.00	0.00	\$0.00	Į,		5	·	\$10,757.2
Subialal		l	1	Ľ	16,293.85	Ļ		\$1,411.50
Hold - Products handling service charge	262.60	percu.ft.	\$2.48	5		5	1.54	
DAYG - Drayage for products	1459.00	tonmle	\$2.60	15	3,790.60	5	3.72	\$7,501.9
ANLY - Ught Vehicle Miles ga	40.00	permie	54.40	\$	176,00	5	2.50	\$116.1
Miller - Heavy Vehide hilesge	40,00	permite	\$7,70	5	303.00	5	5.03	5203.2
Subicial				Σ	6,414.05	ļ		5181.3
CAHID - Comenting Head Rental with Manifold	1.00	perday	\$775.00	15	275.00	5	181.50	
	0.00	0.00	\$0,03	15	•	5		50.0
Subtotal		T	1	5	275.00	L		\$181.5
Tolaisi			[5	31,5(6.35	İ		\$22,800.5
DISCOUNT: Drenations		1	34.0%		(1,755.48	L		
DISCOULT: Equipment Siles		1	34.0%		(7,17).39	<u> </u>		
DISCOUNTEREDURATION		1	34,0%		{5,541.63	1		<u> </u>
		1	34.0%		{2,160.78			
DiSCOUNT: Transport		1	34.0%	Г	93.50			
DISCOUNT: OTHER		-t	Total	Г	(11,745.76)			

RILOBITE	DRILL STEM TE	ST REP	ORT				
	Lario Oil & Gas Company		4-1	4s-31w-	Gove K	S	
ESTING , INC	301 S Market Wichita KS 67202			rson B #		DST	·#: 1
	ATTN: Steve Davis		Tes	t Start: 20)12.10.17	' @ 16:54:1	4
GENERAL INFORMATION:							
formation: Toronto Deviated: No Whipstock: Time Tool Opened: 19:56:26	ft (KB)				Conventio Tate Lang		Hole (Initial)
ime Test Ended: 01:56:41			Unit	t No: 4	40		
nterval: 3932.00 ft (KB) To 39 otal Depth: 3978.00 ft (KB) (T kole Diameter: 7.88 inchesHol			Ref	erence Ee KB t	evations: o GR/CF:	2926.	00 ft (KB) .00 ft (CF) .00 ft
Gerial #:8360Insidetess@RunDepth:311.33 psigitart Date:2012.10.17itart Time:16:54:16	@ 3933.00 ft (KB) End Date: End Time:	2012.10.18 01:56:41	Capacity Last Cali Time On Time Off	b.: Blm: 2		8000. 2012.10. 17 @ 19:55: 17 @ 22:59:	56
EST COMMENT: IF-Slid 20'-B.O.B ISI-Dead No Retu FF-B.O.B. 10min FSI-Dead No Ret	Jrn S Jurn						
Pressure vs. 7	11118 (17) (17) (17) (17) (17) (17) (17) (17)	Time	PI	RESSUR Temp	Annot		····
	- (3)	(Min.)	(psig)	(deg F)			
		0	2061.79 74.28	107.85		dro-static 5 Flow (1)	
	1 100	30	111.81		Shut-In(
		77	845.59	110.99	End Shu	ut-in(1)	
		78 78 122	114.17			o Flow (2)	
	Tes Balth 2	122 184	311.33 819.41		Shut-In(End Shu	•	
		³ 184	1879.23			dro-static	
E	3 turn tur						
Recovery			,	Gas	s Rates		<u>*****</u>
Length (ft) Description	Volume (bbi)			Choke (ii		essure (psig)	Gas Rate (Mcf/d)
102.00 100%M	1.43	L			I		
496.00 15%M 85%W	6.96						

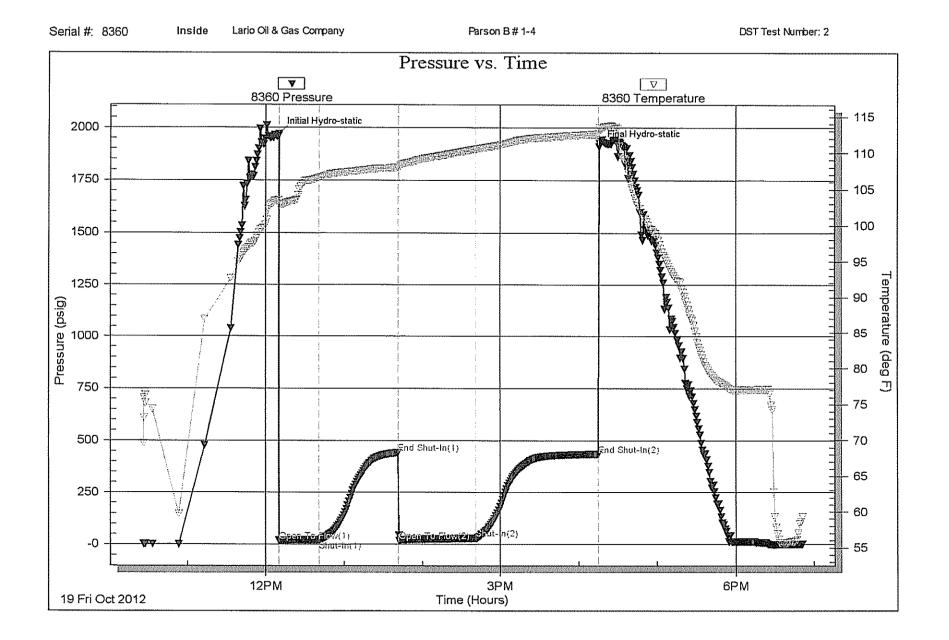
Printed: 2012.10.18 @ 09:23:59

RILOBITE	DRI	LL STEM TEST REPORT		F	LUID SUMMARY
		il & Gas Company	4-14s-31w	-Gove KS	<u></u>
ESTING , INC			Parson B	#1-14	
	Wichita	KS 67202	Job Ticket: 4	9826	DST#:1
	ATTN:	Steve Davis	Test Start: 2	2012.10.17 @ 16:	54:11
Mud and Cushion Information		······			
Mud Type:Gel ChemMud Weight:9.00 lb/galViscosity:48.00 sec/qtWater Loss:9.56 in³Resistivity:ohm.mSalinity:2000.00 ppmFilter Cake:1.00 inches		Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure:	ft bbl psig	Oil API: Water Salinity:	deg API 75000 ppm
Recovery Information					
		Recovery Table		-	
Leng		Description	Volume bbl		
	102.00	100%M	1.431	~	
·	496.00	15%M 85%W	6.958		
Total Length: Num Fluid Sam		00 ft Total Volume: 8.389 bbl Num Gas Bombs: 0	Serial #:		
Laboratory Nar Recovery Com		Laboratory Location: 1 RW190-42			
Tribbito Tosting Inc	_	of No: 49826		· 2012 10 18 @ 0	



RILOBITE	DRILL STEM TES	TREP	ORT		Ammun 116 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
	Lario Oil & Gas Company		4-14	4s-31w-	Gove KS	
ESTING , INC	301 S Market Wichita KS 67202			son B #		
				Ticket: 50		ST#: 2
Well'	ATTN: Steve Davis		Test	Start: 20)12.10.19 @ 10:2	5:00
GENERAL INFORMATION:						
Formation: LKC "D" Deviated: No Whipstock: Time Tool Opened: 12:10:10 Time Test Ended: 18:50:54	ft (KB)		Test Test Unit	er: N	Conventional Bott Will MacLean 40	om Hole (Reset)
Interval: 4046.00 ft (KB) To 407 Total Depth: 4070.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	D)		Refe	erence Be KB t	29	38.00 ft (KB) 26.00 ft (CF) 12.00 ft
Serial #: 8360 Inside Press@RunDepth: 28.02 psig @ Start Date: 2012.10.19 Start Time: 10:26:00	End Date: End Time:	2012.10.19 18:50:54	Capacity: Last Calib Time On E Time Off I	o.: Birm: 2	80 2012. 2012.10.19 @ 12: 2012.10.19 @ 16:	09:55
ISI- No Blow	e Blow Built to BOB in 57min					
Fressure vs. Tir EXI BXX Person	LV				E SUMMARY	
200 100 100 100 100 100 100 100	СП Личения 112 113 10 10 10 10 10 10 10 10 10 10	Time (Min.) 0 1 31 92 92 152 245 245 246	Pressure (psig) 1967.73 17.78 18.78 440.84 15.98 28.02 433.05 1909.48	102.70 106.51 107.99 107.74 110.48 112.60	End Shut-In(1))
Recovery				Gas	s Rates	
Length (fl) Description	Volume (bbl)			Choka (ir	nches) Pressure (psig) Gas Rate (Mcl/d)
28.00 GOCM 5%g 41%oil 54%	······································					
3.00 GO 3%g 97%oil	0.04					
0.00 279' of GIP	0.00					
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 50219				2012.10.19 @ 22	•

ACT D		DRI	LL STEM TEST RE	PORT			FLUID SI	JMMARY
	LOBITE	Lario C	il & Gas Company		4-14s-31w-	Gove KS		
	ESTING , INC		Market IKS 67202		Parson Ba Job Ticket: 5		DST#:2	
		ATTN:	Steve Davis		Test Start: 2			
Mud and Cushio	n Information	Į				<u></u>		
Mud Type: Gel Che			Cushion Type:			Oil A PI:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:			Water Salinity	r:	ppm
	51.00 sec/qt		Cushion Volume:		bbl			
Water Loss: Resistivity:	7.19 in³ ohm.m		Gas Cushion Type: Gas Cushion Pressure:		ncia			
-	011111 0.00 ppm		Gas Cushion Pressure.		psig			
Filter Cake:	1.00 inches							
Recovery Inform	ation							
	1		Recovery Table			ł		
	Leng ft		Description		Volume bbl			
		28.00	GOCM 5%g 41%oil 54%m		0.393			
		3.00	GO 3%g 97%oil		0.042			
		0.00	279' of GIP		0.000			
	Total Length:	31	.00 ft Total Volume:	0.435 bbl				
	Num Fluid Sam		Num Gas Bombs: 0		Serial #:			
	Laboratory Nar		Laboratory Location:					
	Recovery Com	ments:						

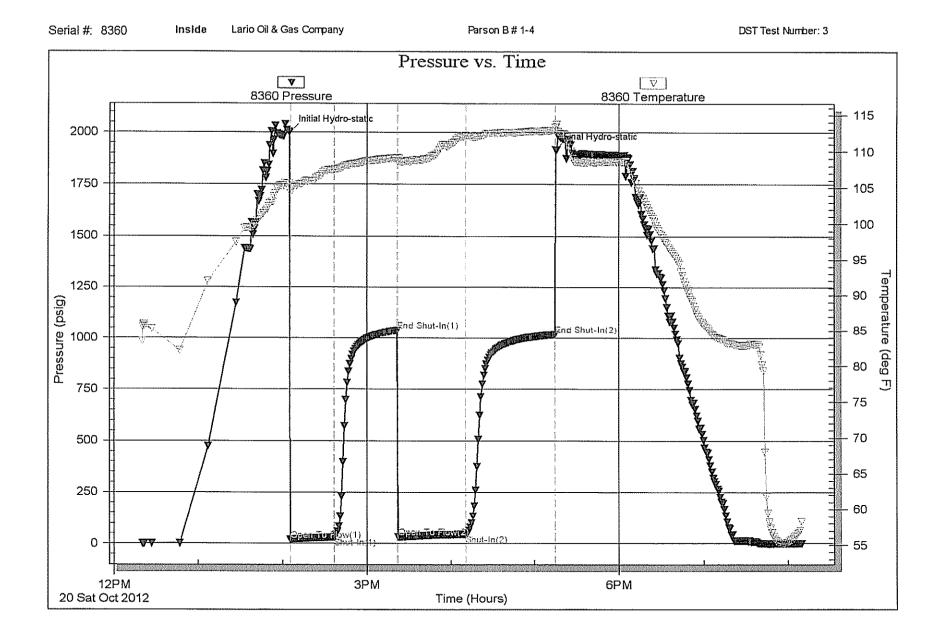


Ref. No: 50219

Printed: 2012.10.19 @ 22:45:47

	DRILL STEM TES	TREP	ORT			
	Lario Oil & Gas Company		4-14	ls-31w-	Gove KS	·····
ESTING , INC	301 S Market Wichita KS 67202			son B # Ticket: 50		DST#: 3
	ATTN: Sleve Davis)12.10.20 @ 12	
GENERAL INFORMATION:					*********	<u></u>
Formation:LKC "H-I"Deviated:NoWhipstock:Time Tool Opened:14:05:10Time Test Ended:20:09:39	ft (KB)		Test Teste Unit I	er:	Conventional Bo Will MacLean 40	ttom Hole (Reset)
Interval:4124.00 ft (KB) To419Total Depth:4190.00 ft (KB) (TVHole Diameter:7.88 inchesHole			Refe			2938.00 ft (KB) 2926.00 ft (CF) 12.00 ft
Serial #: 8360 Inside Press@RunDepth: 44.45 psig (Start Date: 2012.10.20 Start Time: 12:20:00 TEST COMMENT: IF- Weak Surface ISI- No Blow FF- Weak Surface FSI- No Blow	End Date: End Time:	2012.10.20 20:09:39	Capacity: Last Calib Time On B Time Off E	.: Btrn: :		
· · ·		I				
Pressure vs. Ti EXI EXI Pressus	(Time	PR Pressure	ESSUF Temp	RE SUMMAR	Y
200 100 100 100 100 100 100 100	Troporture (deg 7)	(Min.) 0 1 32 77 78 126 190 190		(deg F) 105.58 104.27 107.46 109.08 108.62 112.16 112.85	Initial Hydro-st Open To Flow Shut-In(1) End Shut-In(1)	(1) (2)
Recovery				Ga	s Rates	
Length (ft) Description 60.00 100%m with Skim of Oil of	Volume (bbl) on Top 0.84			Choka (ii	nches) Pressure (p	sig) Gas Rale (Mc/d)

		·····	וסח	LL STEM TEST REPORT	-			- \
1 DIN	RILOBITE						FLUID SI	JMMARY
正明	Construction of the second		Lario O	il & Gas Company	4-14s-31w	Gove KS		
	ESTING ,		301 S N		Parson B	# 1-4		
			Wichita	KS 67202	Job Tickel: 5	0220	DST#: 3	
W CON			ATTN:	Steve Davis	Test Start: 2	012.10.20 @ 1	2:20:00	
Mud and (Cushion Informat	tion		******			·	
Mud Type:	Gel Chem			Cushion Type:		Oil API:		deg API
Mud Weight:	9.00 lb/gal			Cushion Length:		Water Salinity	:	ppm
Viscosity:	59.00 sec/qt			Cushion Volume:	bbl			
Water Loss: Resistivity:	8.78 in³ ohmm			Gas Cushion Type: Gas Cushion Pressure:	psig			
Salinity:	2500.00 ppm			Obs Cushion (ressure.	haið			
Filter Cake:	1.00 inches							
Recovery	Information				<u> </u>			
	·			Recovery Table		1		
		Length ft		Description	Volume bbl			
		6	0.00	100%m with Skim of Oil on Top	0.842			
	Total Len	gth:	60.	00 ft Total Volume: 0.842 bbl				
	Num Fluid			Num Gas Bombs: 0	Serial #:			
	Laborator	-		Laboratory Location:				
	Recovery	Commer	nts:					

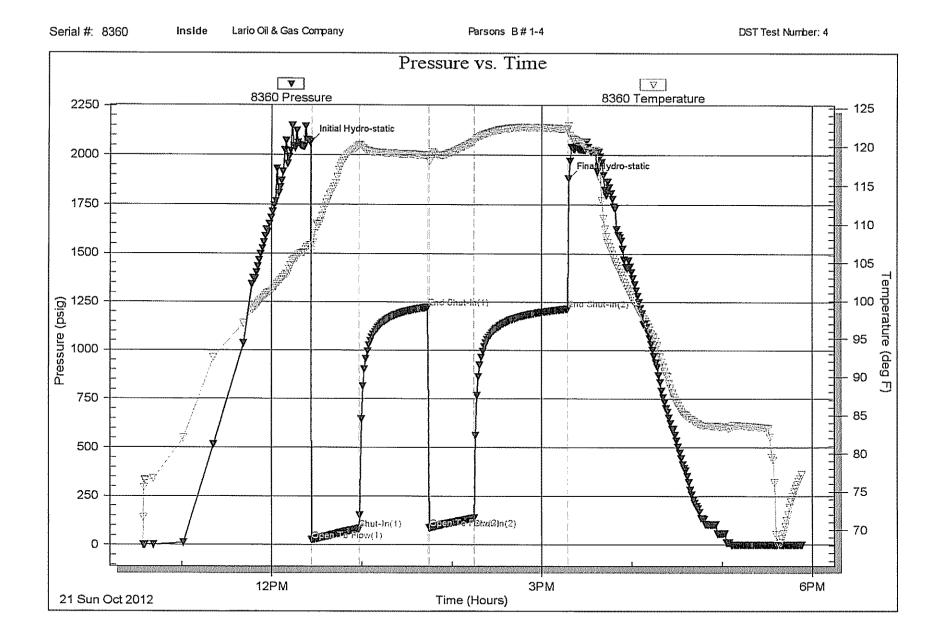


Ref. No: 50220

Printed: 2012.10.20 @ 22:45:18

RILOBITE	DRILL STEM TES	TREP	ORT		· .,		
	Lario Oil & Gas Company		4-14	ls-31w-	Gove KS	·····	
ESTING , INC	301 S Market Wichita KS 67202			sons B		DST#:4	
	ATTN: Steve Davis)12.10.21 @		
GENERAL INFORMATION:							
Formation: LKC "K" Deviated: No Whipstock: Time Tool Opened: 12:26:40 Time Test Ended: 17:52:54	ft (KB)		Test Teste Unit I	er: V	Conventional Will MacLean 40	Bottom Hole (I	Reset)
Interval:4212.00 ft (KB) To42Total Depth:4245.00 ft (KB) (TVHole Diameter:7.88 inchesHole			Refe	rence Ee KB t	evations: o GR/CF:	2938.00 ft 2926.00 ft 12.00 ft	
Serial #: 8360 Inside Press@RunDepth: 135.95 psig Slart Date: 2012.10.21 Start Time: 10:34:00 TEST COMMENT: IF- Weak Surface ISI- No Blow EE- Weak Surface	End Date: End Time:	2012.10.21 17:52:54	Capacity: Last Calib Time On B Time Off B	u: Bitm: d	2 2012.10.21 @ 2012.10.21 @		ig
FF- Weak Suital FSI- No Blow		······				····	
Pressure vs. T	inte IIII				RE SUMMA	NRY	
200 000 000 000 000 000 000 000 000 000	CO TRADENSITY (C)	Time (Min.) 0 1 32 78 79 109 171 172	Pressure (psig) 2065.71 24.33 82.20 1222.72 85.60 135.95 1213.91 1879.76	118.82 118.14 120.62 122.26	Open To Flo Shut-In(1) End Shut-In Open To Flo	-static ow (1) (1) ow (2) (2)	
Recovery				Gas	s Rates	·····	
Length (fl) Description	Volume (bbl)			Choka (ii	nches) Pressure	e (psig) Gas Ra	te (Mcl/d)
62.00 MCW 4%m 96%w	0.87						
124.00 MCW 25%m 75%w 72.00 MCW 39%m 61%w	1.74 1.01						
* Recovery from multiple tests							

ACEN=		DRI	LL STEM TEST REPORT	Г		FLUID SUMMARY
	TRILOBITE	Lario C	Dil & Gas Company	4-14s-31v	/-Gove KS	
	ESTING , INC.	301 S I	Market	Parsons	B#1-4	
		Wichila	a KS 67202	Job Ticket:	50221	DST#:4
NG AN		ATTN:	Steve Davis	Test Start:	2012.10.21 @ 1	0:34:00
Mud and C	ushion Information			<u> </u>		· · · · · · · · · · · · · · · · · · ·
	Bel Chem		Cushion Type:		Oil API:	deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	49000 ppm
Viscosity: Water Loss:	58.00 sec/qt 8.18 in³		Cushion Volume: Gas Cushion Type:	bbl		
Resistivity:	ohmm		Gas Cushion Pressure:	psig		
Salinity:	2400.00 ppm					
Filter Cake:	1.00 inches				····	
Recovery li	nformation		Recovery Table			
	Leng	th	Description	Volume	7	
	ft		-	bbl	_	
		62.00 124.00	MCW 4%m 96%w MCW 25%m 75%w	0.87		
		72.00	MCW 25%m 75%w	1.01		
	Total Length:		.00 ft Total Volume: 3.619 bbl	4		
				Quartela	3.	
	Num Fluid Samp Laboratory Nan		Num Gas Bombs: 0 Laboratory Location:	Serial #	£:	
			V is .134 @ 79f = 49000			
						-

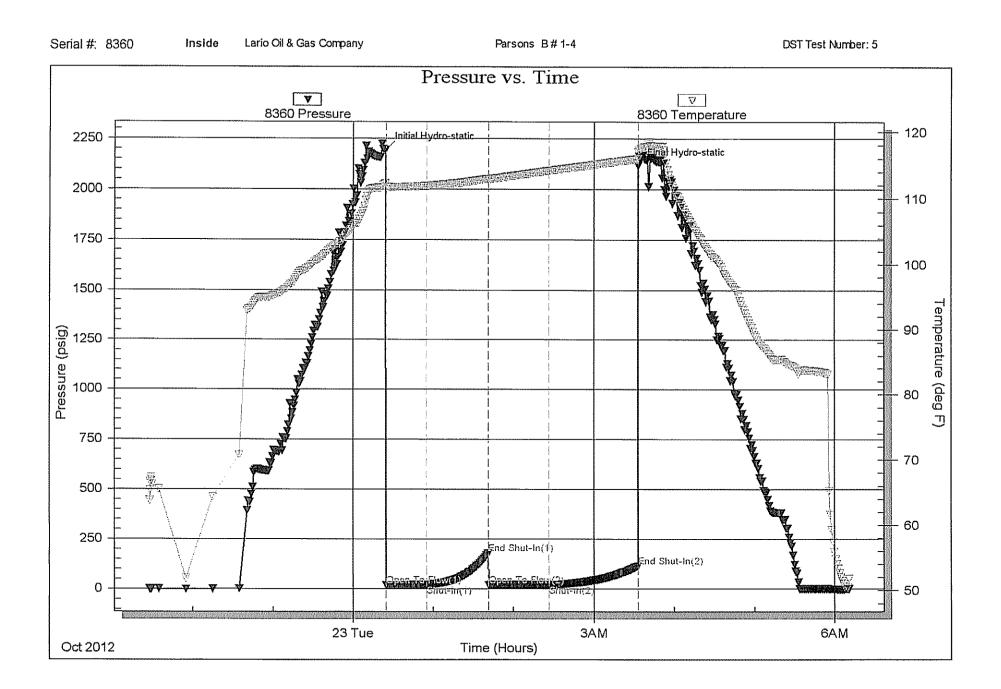


Ref. No: 50221

Printed: 2012.10.21 @ 23:04:41

RILOBITE	Lario Oil & Gas Company		4-14	4s-31w-	Gove KS	
ESTING , INC.	301 S Market Wichita KS 67202			r <mark>sons</mark> E Ticket: 50		DST#:5
	ATTN: Steve Davis)12.10.22 @	
GENERAL INFORMATION:						
Formation: Ft. Scott Deviated: No Whipstock: Time Tool Opened: 00:24:40 Time Test Ended: 06:11:25	ft (KB)		Test Test Unit	er:	Conventiona Will MacLear 40	l Bottom Hole (Reset) 1
Interval:4432.00 ft (KB) To44Total Depth:3978.00 ft (KB) (TVHole Diameter:7.88 inchesHole			Refe	erence Ele KB t	evations: to GR/CF:	2938.00 ft (KB) 2926.00 ft (CF) 12.00 ft
Serial #: 8360InsidePress@RunDepth:19.54 psigStart Date:2012.10.22Start Time:21:28:00	 4433.00 ft (KB) End Date: End Time: 	2012.10.23 06:11:25	Capacity: Last Calib Time On E Time Off I	o.: Btm: :	2012.10.23 (2012.10.23 (
TEST COMMENT: IF- Weak Surface ISI- No Blow FF- No Blow FSI- No Blow						
Pressure vs. Ti	110 []]]] []]]] Tarton Russ				RE SUMM	
		Time (Min.) 0 1 31 77 77 77 123	Pressure (psig) 2193.70 18.03 19.36 177.52 18.79 19.54 113.85		Open To Fl Shut-In(1) End Shut-Ir Open To Fl Shut-In(2) End Shut-Ir	o-static ow (1) n(1) ow (2) n(2)
		(fg 189 7 189	2116.77	116.99	Final Hydro	-static
			1 1	116.99	Final Hydro	-static
2012 2012 The Tens (Ham)	Volume (bbl)		1 1	116.99	s Rates	
700 200 200 200 201 201 201 201 2			1 1	116.99 Ga	s Rates	
2012 2012 The Tens (Ham)	Volume (bbl)		1 1	116.99 Ga	s Rates	
20 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Volume (bbl)		1 1	116.99 Ga	s Rates	

(IN T	 RILOBI		DRI	LL S	STEM TEST	REPOR	Т]	FLUID S	UMMAF
		1	Lario C)il & Gas	s Company	·····	4-14s-31v	v-Gove KS		
	 ESTI	NG , INC		Market a KS 672	202		Parsons Job Ticket:		DST#:5	
			ATTN:	Steve	Davis		Test Start:	2012.10.22 @ 21	1:28:00	
Mud and Cush	ion Info	rmation								
Aud Type: Gel C Aud Weight: /iscosity: Nater Loss: Resistivity: Balinity: 26 Filter Cake:	9.00 lb 55.00 s 8.78 in	ec/qt ع hm.m pm			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressu	re:	ft bbl psig	Oil API: Water Salinity:		deg AP ppm
ecovery Infor	mation									
	1	Lengi	ih	I	Recovery Table Description		Volume			
		ft					bbl			
	· · ·	al Length:	2.00	100%r .00 ft	nud Total Volume:	0.028 bbl	0.02	18		
		oratory Nam			Laboratory Locat					

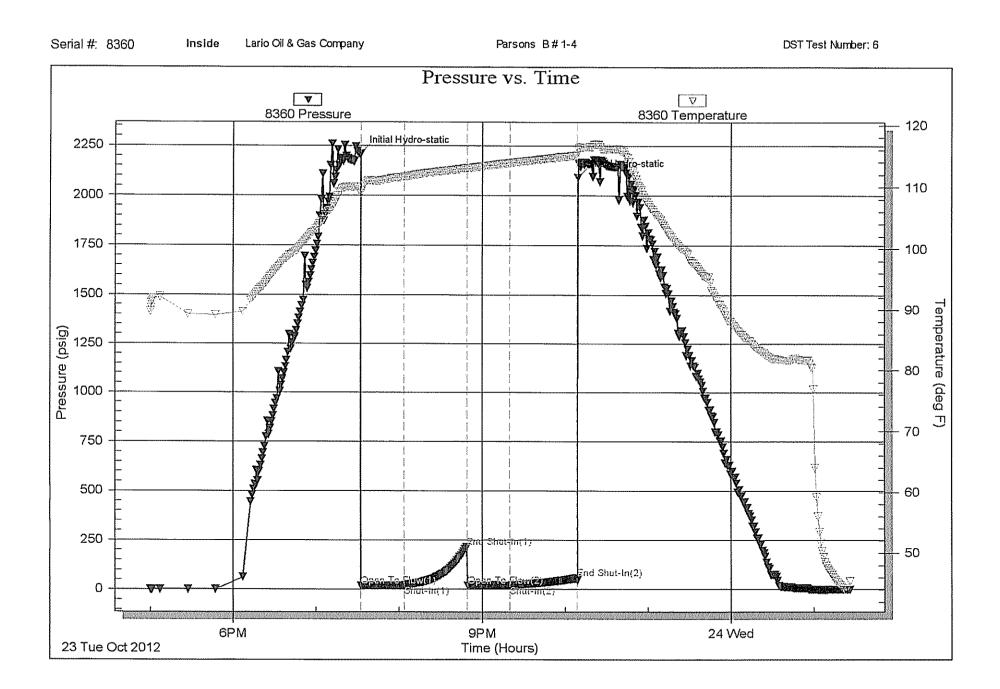


Ref. No: 50222

Printed: 2012.10.23 @ 06:44:17

	DRILL STEM TES	TREP	ORT			
RILOBITE	Lario Oil & Gas Company		4-1	4s-31w-	Gove KS	
ESTING , INC.	301 S Market Wichita KS 67202			rsons B		
				Ticket: 50		DST#:6
	ATTN: Steve Davis		les)12.10.23 @	17:00:00
GENERAL INFORMATION:						
Formation:CherokeeDeviated:NoWhipstock:Time Tool Opened:19:32:25Time Test Ended:01:26:09	ft (KB)		Tes	ter: \	Conventiona Will MacLear 40	l Bottom Hole (Reset) 1
Interval: 4458.00 ft (KB) To 4			Ref	erence Ele	vations:	2938.00 ft (KB)
Total Depth:4500.00 ft (KB) (The Diameter:7.88 inchesHole	√D) e Condition: Good			KB t	o GR/CF:	2926.00 ft (CF) 12.00 ft
Serial #: 8360 Inside						
Press@RunDepth: 19.73 psig			Capacity			8000.00 psig
Start Date: 2012.10.23 Start Time: 17:00:00	End Date: End Time:	2012.10.24 01:26:09	Last Cali Time On		: 2012.10.23 (2012.10.24 @ 19:32:10
			Time Off		2012.10.23 (
ISI- No Blow FF- No Blow FSI- No Blow Pressure vs. J		1				
Pressure vs. 1	100 (COO) Tartassure (COO)	Time	Pressure	Temp	Annotatio	
		(Min.) 0 1 32	(psig) 2209.26 18.26 19.50	(deg F) 109.23 108.84 111.55	Initial Hydro Open To Fl	-static
		77 78	213.05 19.59	1	End Shut-In	• •
		108	19.73	113.84	Open To Fl Shut-In(2)	
	Reg PJ	157 157	56.10 2091.14	115.09 116.08		• •
E <u></u>						
Recovery	τις ματικό το ποιο του του του του του του του του του το			Ga	s Rates	
Length (II) Description	Volume (bbl)			Choke (ii	nches) Pressur	e (psig) Gas Rate (Mcf/d)
4.00 100%mud with Skim of	Oil on Top 0.06					
* Recovery from multiple tests						
Trilobite Testing, Inc	Ref. No: 50223			Printed:	2012.10.24	@ 07:51:56

		DRI	LL STE	EM TEST R	EPORT	-		FLUID S	UMMAR
	OBITE		il & Gas Cor	npany		4-14s-31w	-Gove KS		
	STING , INC	301 S M	Market			Parsons	B#1-4		
			KS 67202			Job Ticket: 5		DST#:6	
		ATTN:	Steve Dav	is		Test Start: 2	012.10.23 @ [.]		
Mud and Cushion I	Information								
Mud Type: Gel Chem			Cus	shion Type:			Oil API:		deg API
	00 lb/gal			hion Length:		ft	Water Salinity	:	ppm
-	00 sec/qt			hion Volume:		bbl			
•	38 in³		Gas	s Cushion Type:					
Resistivily:	ohm.m		Gas	Cushion Pressure:		psig			
•	00 ppm 00 inches								
Recovery Informat		.,							
			Re	covery Table					
	Lengi	th		Description		Volume bbl			
		4.00	100%mud	with Skim of Oil on	Тор	0.056			
	Total Length:	4.	00 ft -	Total Volume:	0.056 bbl				
	Num Fluid Samp	les: 0	i	Num Gas Bombs:	0	Serial #			
	Laboratory Nam		I	Laboratory Location					
	Recovery Com	nents:							

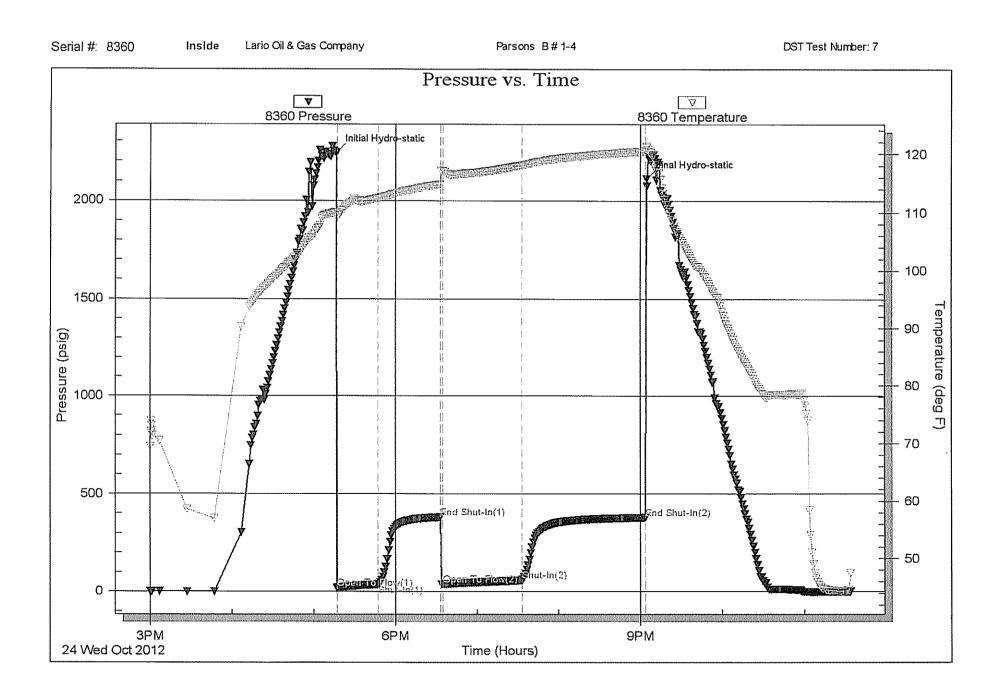


Ref. No: 50223

Printed: 2012.10.24 @ 07:51:58

	DRILL STEM TES	ST REP	ORT			and and a second se
RILOBITE	Lario Oil & Gas Company		4-1	4s-31w-	Gove KS	
ESTING , INC.	301 S Market		Pa	rsons E	3 # 1-4	
	Wichita KS 67202			Ticket: 50		DST#:7
	ATTN: Steve Davis		Tos	t Start: 20)12.10.24 @	
GENERAL INFORMATION:						
Formation: Johnson Deviated: No Whipstock: Time Tool Opened: 17:16:55 Time Test Ended: 23:34:10	ft (KB)		Tes	ter:	Conventiona Will MacLear 40	Bottom Hole (Reset)
Interval: 4518.00 ft (KB) To 45	62.00 ft (KB) (TVD)		Ref	erence Ele	evations:	2938.00 ft (KB)
Total Depth: 4562.00 ft (KB) (T						2926.00 ft (CF)
Hole Diameter: 7.88 inchesHole	Condition: Good			KB t	o GR/CF:	12.00 ft
Serial #: 8360 Inside Press@RunDepth: 57.52 psig Start Date: 2012.10.24 Start Time: 15:00:00	@ 4519.00 ft (KB) End Date: End Time:	2012.10.24 23:34:10	Capacity Last Cali Time On Time Off	b.: Btm: :	2012.10.24 (2012.10.24 (
FSI- No Blow	e Blow Built to 8"					
Pressure vs. T Emine	ине СУ ССО Тегрежие		·······		RE SUMMA	
		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotatio	ח
200		0	2240.67	110.01	-	
		1	18.18		Open To Flo	ow (1)
		31 76	35.33 379.74	112.43 114.78	Shut-In(1) End Shut-In	(1)
		70	37.01		Open To Flo	
		137	57.52		Shut-In(2)	
		227 228	377.36 2110.47	120.44 121.23	End Shut-In Final Hydro	• •
Recovery					s Rates	
Length (fi) Description	Volume (bbi)			Choke (in		(psig) Gas Rate (Mct/d)
62.00 OGCM 1%oil 2%g 97%i		[L		I		
29.00 OGCM 2%oil 4%g 96%						
2.00 GO 2%g 98%oil	0.03					
0.00 155' of GIP	0.00					

f							
CT-	RILOBITE	DRI	LL STEM TEST REPORT			FLUID SI	JMMARY
142		Lario C)il & Gas Company	4-14s-31w	-Gove KS		
	ESTING , INC	301 S I	Varket	Parsons	B#1-4		
			KS 67202	Job Ticket: {	,	DST#:7	
		ATTN:	Steve Davis		2012.10.24 @ 1		
ult=#H.	e maine anna an ann an an an an an an an an an						
Mud and C	ushion Information						
	Gel Chem		Cushion Type:		Oil API:		deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity	•	ppm
Viscosity:	55.00 sec/qt		Cushion Volume:	bbi			
Water Loss:	8.76 in³ ohm.m		Gas Cushion Type: Gas Cushion Pressure:	nnia			
Resistivity: Salinity:	3200.00 ppm		Gas custion Pressure:	psig			
Filter Cake:	1.00 inches						
Recovery I	nformation						
			Recovery Table				
	Leng	th	Description	Volume	7		
	fť			bbl	4		
		62.00	OGCM 1%oil 2%g 97%m	0.870			
		29.00	OGCM 2%oil 4%g 96%m	0.407	-		
	A	2.00	GO 2%g 98%oil 155' of GIP	0.028			
	Tatal t anathi		.00 ft Total Volume: 1.305 bbl	0.000	2		
	Total Length:						
	Num Fluid Samp		Num Gas Bombs: 0	Serial #			
	Laboratory Nan Recovery Com		Laboratory Location:				
	Tecovery com	icino.					

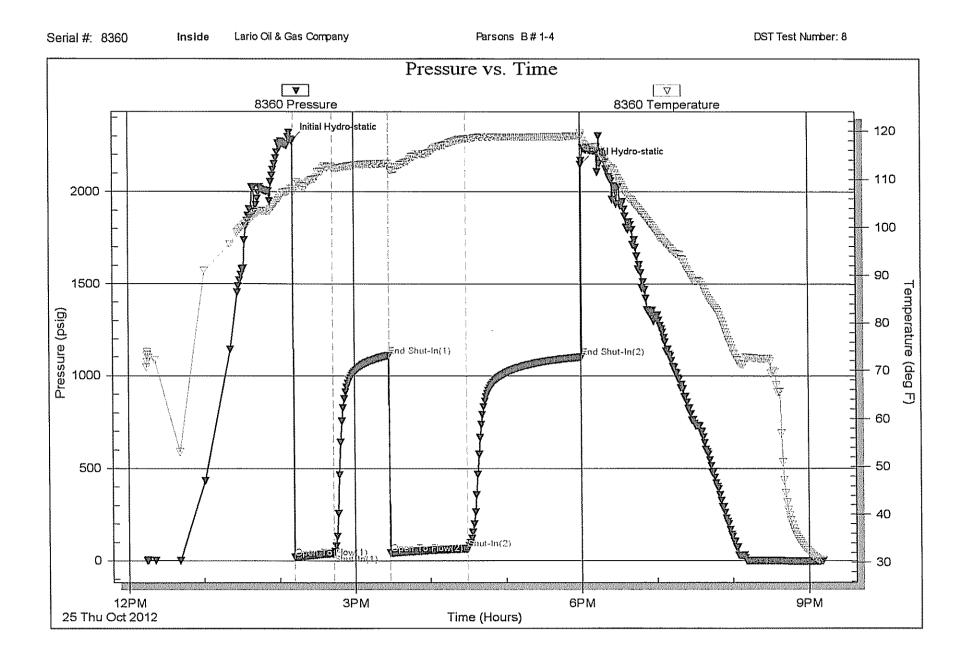


Ref. No: 50224

Printed: 2012.10.25 @ 08:05:30

	DRILL STEM TES	ST REP	ORT		
	Lario Oil & Gas Company		4-14s-31	w-Gove KS	
ESTING , INC	301 S Market Wichita KS 67202		Parsons Job Ticket	B # 1-4 : 50225 DST#:	8
	ATTN: Steve Davis		Test Start:	: 2012.10.25 @ 12:14:00	
GENERAL INFORMATION:					
Formation: Morrow Sands Deviated: No Whipstock: Time Tool Opened: 14:11:25 Time Test Ended: 21:11:25	ft (KB)		Test Type Tester: Unit No:	: Conventional Bottom Ho Will MacLean 40	ile (Reset)
Total Depth: 4620.00 ft (KB) (TV	20.00 ft (KB) (TVD) /D) e Condition: Good			Elevations: 2938.00 2926.00 KB to GR/CF: 12.00	ft (CF)
Serial #: 8360 Inside Press@RunDepth: 65.25 psig Start Date: 2012.10.25 Start Time: 12:14:00	@ 4556.00 ft (KB) End Date: End Time:	2012.10.25 21:11:25	Capacily: Last Calib.: Time On Btm: Time Off Blm:	8000.00 2012.10.25 2012.10.25 @ 14:11:10 2012.10.25 @ 18:00:24	
TEST COMMENT: IF- Weak Surface ISI- No Blow FF- Weak Surfac FSI- No Blow	e Blow Built to 4" e Blow Built to 6 1/4"				
Pressure vs. T	inte DDD Ferrywinse		PRESS	URE SUMMARY	
		138	65.25 118.	F Initial Hydro-static 99 Initial Hydro-static 11 Open To Flow (1) 38 Shut-In(1) 23 End Shut-In(1) 53 Open To Flow (2) 30 Shut-In(2) 97 End Shut-In(2)	
Recovery	, , , , , , , , , , , , , , , , , , ,		(Gas Rates	
Length (fl) Description	Volume (bbl)		Cha	via (inches) Pressure (psig) Gi	as Rate (Mcf/d)
62.00 OCM 1%oil 99%m 40.00 OCM 4%oil 96%m	0.87 0.56				
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 50225		Print	ed: 2012.10.25 @ 22:55:34	

		ILL STE	M TEST REPORT			FLUID SI	JMMARY
RILOB	1	Oil & Gas Con	рапу	4-14s-31w	-Gove KS		
I ESTI		Market a KS 67202		Parsons		DST#:8	
	ATTN	Steve Davis	5	Test Start: 2	2012.10.25 @ 1	2:14:00	
Mud and Cushion Info	ormation						
Mud Type:Gel ChemMud Weight:9.00 lbViscosity:54.00 sWater Loss:8.17 ir	ec/qt 1 ³	Cusi Cusi Gas	hion Type: hion Length: hion Volume: Cushion Type:	ft bbl	Oil API: Water Salinity:		deg API ppm
Resistivity:oSalinity:3000.00 pFilter Cake:1.00 ir		Gas	Cushion Pressure:	psig			
Recovery Information							
			overy Table		٦		
	Length ft	[Description	Volume bbl			
	62.00	OCM 1%oi		0.870			
	40.00 al Length: 10	OCM 4%oil 2.00 ft 7	i 96%m fotal Volume; 1.431 bbl	0.561	1		
	boratory Name: covery Comments:						
Trilobite Testing, Inc		Ref. No: 502	25	Printed	: 2012.10.25 @	22:55:35	



Ref. No: 50225

Printed: 2012.10.25 @ 22:55:36