Confidentiality Requested: Yes No

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

1099504

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:
Oil WSW SWD SIOW	Elevation: Ground: Kelly Bushing:
	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?
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	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 #:	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
Spud Date orDate Reached TDCompletion Date orRecompletion DateRecompletion 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	1099504
Operator Name:	Lease Name:	Well #:
Sec TwpS. R	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		Yes No	L	og Formatio	on (Top), Depth and	d Datum	Sample
(Attach Additional She Samples Sent to Geolog	,	Yes No	Nam	e		Тор	Datum
Cores Taken Electric Log Run		Yes No					
List All E. Logs Run:							
		CASING Report all strings set-o	RECORD Ne		on, etc.		
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
	1	ADDITIONAL	CEMENTING / SQL	JEEZE RECORD			
Purpose: Perforate	Depth Top Bottom	Type of Cement	# Sacks Used		Type and Pe	ercent Additives	
Protect Casing Plug Back TD							
Plug Off Zone							
Did you perform a hydraulic	fracturing treatment	on this well?		Yes	No (If No, skip	o questions 2 an	d 3)
		raulic fracturing treatment ex		? Yes [o question 3) out Page Three o	of the ACO-1)

					e	Acid, Fracture, Shot, Cement Squeeze Record (Amount and Kind of Material Used)			Depth
Siz	e:	Set At	:	Packe	r At:	Liner R		No	
d Productio	on, SWD or ENH	۶.	Producing Meth		ping	Gas Lift	Other (Explain)		
	Oil Bb	ls.	Gas	Mcf	Wate	er	Bbls.	Gas-Oil Ratio	Gravity
ION OF G	AS:		Ň	IETHOD (OF COMPLE	TION:		PRODUCTION IN	TERVAL:
			Open Hole	Perf.		CO-5)	Commingled (Submit ACO-4)		
1	ION OF G	Size: Size: Droduction, SWD or ENHF Oil Bb	Specify Footage of Size: Set At Size: Set At Oil Bbls. ION OF GAS: d Used on Lease	Specify Footage of Each Interval Periods Size: Set At: Size: Set At: OProduction, SWD or ENHR. Producing Meth Flowing Oil Bbls. Gas ION OF GAS: ON OF GAS: Open Hole Open Hole	Specify Footage of Each Interval Perforated Size: Set At: Packer Size: Set At: Packer Oroduction, SWD or ENHR. Producing Method: Flowing Pump Oil Bbls. Gas Mcf ION OF GAS: METHOD of d Used on Lease	Size: Set At: Packer At: d Production, SWD or ENHR. Producing Method: Image: Display training in the set of	Specify Footage of Each Interval Perforated Specify Footage of Each Interval Perforated Size: Size: Set At: Production, SWD or ENHR. Production, SWD or ENHR. Production SWD or ENHR. Oil Bbls. Gas METHOD OF COMPLETION: d Used on Lease Open Hole Perf. Dually Comp. (Submit ACO-5)	Specify Footage of Each Interval Perforated (Amount and Kind (Amount and Kind (Amount and Kind Size: Set At: Size: Set At: Packer At: Liner Run: Yes [] d Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Mcf Water Bbls. ION OF GAS: METHOD OF COMPLETION: d Used on Lease Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) [Submit ACO-4]	Specify Footage of Each Interval Perforated (Amount and Kind of Material Used) (Amount and Kind of Material Used) Size: Set At: Size: Set At: Packer At: Liner Run: Yes No I Production, SWD or ENHR. Producing Method: Flowing Pumping Gas Mcf Water Bbls. Gas Mcf Vater Bbls. Gas: METHOD OF COMPLETION: Used on Lease Open Hole Open Hole Perf. Dually Comp. Commingled (Submit ACO-5) Commingled Commingled

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

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Hullet A 1-6
Doc ID	1099504

Tops

Name	Тор	Datum
Heebner	3939	-975
Lansing	3985	-1021
Stark Shale	4210	-1246
Hushpuckney	4243	-1279
Base KC	4278	-1314
Mamaton	4334	-1370
Pawnee	4413	-1449
Ft. Scott	4438	-1474
Johnson	4534	-1570
Basal Penn	4562	-1598
Mi8ssissippian	4576	-1612
Spergen	4686	-1722

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

December 14, 2012

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

Re: ACO1 API 15-063-22043-00-00 Hullet A 1-6 NW/4 Sec.06-13S-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

CONSOLIDATED Oil Well Services, LLC	REMI Consolidated Oil W Dept. P.O. Bo Houston, TX	Vell Services, LLC 970 x 4346	620/431-9210 ·	MAIN OFFICE P.O. Box 884 enute, KS 66720 1-800/467-8676 x 620/431-0012
INVOICE			Invoice #	254121
Invoice Date: 10/30/2012	Serms: 15/15/30,	n/30		Page 1
LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS 637846 (316)265-5611		HULLET A 1-6 37272 6-13-31 10-29-2012 KS	Drillic AFE-12 CK (1)	287 11/12
	=======================================			
1102 CALCIUM	ion A" CEMENT (SALE) CHLORIDE (50#) GEL / BENTONITE	165.00 465.00		Total 2912.25 413.85 77.50
	ion MATERIAL DISCOUN QUIPMENT DISCOU			Total -510.54 -231.75
Description 463 CEMENT PUMP (SURFACE) 463 EQUIPMENT MILEAGE (ONE 693 MIN. BULK DELIVERY	WAY)	Hours 1.00 10.00 1.00		Total 1085.00 50.00 410.00
	Lu	lang	3Cl pe	ß
			NOV 65 2012	
		C	-15 120	
	Amount Due	5222.59 if pai	d after 11/	29/2012
Parts: 3403.60 Freight: Labor: .00 Misc: Sublt: -742.29 Supplies:	.00 Tax .00 Tot .00 Cha:	al: 4439.2	0	4439.20
Signed			Date	
BARTLESVILLE, OK EL DORADO, KS EUREKA, KS 918/338-0808 316/322-7022 620/583-7664		KLEY, KS OTTAWA, KS 672-2227 785/242-4044	THAYER, KS 620/839-5269	GILLETTE, WY 307/686-4914

	DNSOLIDATED				BER 37	,272
	u viali Bervices, LLC 5				MIC	
	F	IELD TICKET & TREA			1111-0.	Shar
20 Box 884, Ch 20-431-9210 of						115
DATE		ELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	
10-29-12	4793 411	F W" #1-6		135		
CUSTOMER /	4/33 H 4/12	F A ATEC			31W	Con
L	Grid Oil + Gas	°	TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRES	\$S		443	(Cary 1)		
			693	Mits M		
CITY	STATE	ZIP CODE				
OB TYPE	WHELE HOLE SIZE	12-14 HOLE DEPTI	1_270	CASING SIZE &		1'23H
ASING DEPTH_	<u></u> DRILL PIPE_	TUBING			OTHER	
LURRY WEIGHT	14.8 SLURRY VOI		:k	CEMENT LEFT in	CASING 2	0'
SPLACEMENT_	15% DISPLACEM	ENT PSI MIX PSI	·····	ŖATĘ		
REMARKS:	Safety Meeting	and right on 7	Murtin C	Villing #	2 Ciri	culate
Casina m		· · · · ·	8 (slician	123 94	1 displ	1- 15%
hhls what	- Shutin Cem	, , , , , , , , , , , , , , , , , , , ,	walste	Coment	In Collor	Gali
					<u>C L Fam</u>	Saly
	*****	TA	ants m	tat c	- J	
ACCOUNT CODE	QUANITY or UNITS	DESCRIPTION of	SERVICES or PR		UNIT PRICE	TOTAL
54015	1	PUMP CHARGE			1085,00	1005.00
5406	10	MILEAGE			5-00	50.00
5707	7,76 TOMS	TUM M. Hage	deliver		4112,00	411,00
1/045	16554s	Common Clas	s IA Cem	ent	17.65	2912.25
1102	4454	Calcium Chlo			.89	413,55
11188	310 #	Bentonite gel			.25	77.50
<u>, 110 +5 </u>	0/0	- provine get			<u></u>	1110
					Subtotal	11640 (0)
	eter a ser a s		·····	,,		4948,60
			-	<u> </u>	Iscount	74229
					Subtotal	4206,31
	······					
				1	الم الم المعرفين	
				5 2	ندىنى _ئ ار	-11
				2	. L. ¹⁴ 4	
				1		
				anna sainka ka k	SALES TAX	232.89
in 3737					ESTIMATED	
	· · · /	a			TOTAL	<u>4439,20</u>
THORIZTION	Poleit W. Micke	TITLE .			DATE	

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

254121

	Server server available 1 🗸	REMI Consolidated Oil W Dept. P.O. Box Houston, TX	/ell Services, LLC 970 < 4346	620/431-9210 •	MAIN OFFICE P.O. Box 884 anute, KS 66720 1-800/467-8676 ax 620/431-0012
INVOICE	homosite-			 Invoice #	254286
Invoice Date: 11/12/	2012 Ter		n/30		Page 1
LARIO OIL & GAS P.O. BOX 1093 GARDEN CITY KS (316)265-5611	637846		HULLET A 1-6 37277 6-13-31 11-09-2012 KS	Drillin AFEILS CK III	
1126 1131 1110A 1118B 1107 1144G 4159 4104 4130	FLO-SEAL (MUD FLUSH FLOAT SHOE CEMENT BAS CENTRALIZE	EMENT MIX 50# BAG) L / BENTONITE 25#) (SALE) AFU 5 1/2" KET 5 1/2"	170.00 525.00 850.00	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	Total 3833.50 7927.50 476.00 903.00 369.42 500.00 413.00 276.00 638.00 4800.00
9996-130		ERIAL DISCOUN			Total -3020.46 -539.16
Description T-118 SINGLE PUMP T-118 EQUIPMENT MILEA T-127 TON MILEAGE DEL 566 TON MILEAGE DEL	IVERY	$\frac{\mathbf{x}}{\mathbf{x}} = \frac{\mathbf{y}}{\mathbf{x}}$		5.00 262.20 262.20	Total 3020.00 50.00 262.20 262.20
Parts: 20136.42 Fr Labor: .00 Mi Sublt: -3559.62 Su	sc:	Amount Due .00 Tax .00 Tota .00 Chan	al: 21549. nge: .	84 AR	/12/2012 ======= 21549.04 =======
Signed			·	Date	
BARTLESVILLE, OK EL DORADO, KS 918/338-0808 316/322-7022	EUREKA, KS 620/583-7664		KLEY, KS OTTAWA, KS 672-2227 785/242-4044	THAYER, KS	GILLETTE, WY 307/686-4914

	Condolidated			TICKET NUM	BER J	<u>7277</u>
	en vien Corvison, LLC			LOCATION_	Oall-	eyy J
O Box 884.	Chanute, KS 66720 F	FIELD TICKET & TRE			Thita	Shart_
20-431-9210	or 800-467-8676	CEME		URI 4	Jalt Di	nKe/
DATE	CUSTOMER # W	/ELL NAME & NUMBER	SECTION	TOWNSHIP		KS
11-9-12	4793 4.110	+ A H1-6			RANGE	COUNTY
JSTOMER			- Contraction	135	310	Gove
ALING ADD	ario Oil+G	05	TRUCK #	DRIVER	TRUCK #	DRIVER
	1000		456T18	Jerry Y		
IY	ISTATE		DETOT	Timb		
	SIALE	ZIP CODE	514	M. He M		
B TYPE 2	dia		L			
SING DEPT	HOLE SIZE		H <u>4750</u>	CASING SIZE & W	EIGHT_ <u>S</u> 2	s" 14 #
		TUBING			OTHER DV	Nol @ 249
PLACEMEN	13.1 - 11 - 11	-		CEMENT LEFT in (CASING	22.5/
		ENT PSI LOA. MIX PSI	soves!	RATE		
1 1	T 1/2 12 11. 10	Cigupan Murt	in #21, F	Wat egu	pmont	Centraliz.
2 4 7	219/15/19,17,0	x 2, 24, 52, 54,	Baskert.	on 53 Du	tool or	stoppf
115.	THIN LINCULAL	lasing 1/2 hrs	- Pumpfi	A bilshat	F-SWG	almud C
3 / 1/	1 - L - L - L - L - L - L - L - L - L -	IC Stop Clared p	uppand his	nes relase	1 plug	disaking
	haver colphise	nud plug landy	TOOPS.	Tilf 1400	OSi Ign	deland
to m	2002 Romb Tool	opped & Tops	i Circular	Led for 3h	as. Pur	1P SILLS
(17) ///	α SUSPS KH 1000				/ / / 4	
		111 M 1 713	JAS GOT	to pur 5%	2-21, 14 3	HUSzal
un hol	e dis played 60	phalscoter Pin	s landed to	10 pur 879 SUPS;	2-1/ 14 °	HUSteal
Pt Ce	e dis played 60 ment did Circular	phils water Plu 2 30 Laks to p	s landra a	ISTUPS;	2-el 14 3 21 Ha 80	HUSTA/
	e dis played 60 nent did Civrilar	phalscoter Plu 4 30 Lb/s to p	s landed b	minst	<u> </u>	HUSTA
CODE	QUANITY or UNITS	DESCRIPTION of	S landed a 		UNIT PRICE	* <u>Husta</u> 10 ps.'
CODE 10/C	QUANITY or UNITS	PUMP CHARGE		DUCT		HUSTAL 10 Δ5.' TOTAL 2220. 00
CODE 101C 106	10	PUMP CHARGE MILEAGE		DUCT		
code 1012 406 107 A	10 31,4 Tuns	PUMP CHARGE MILEAGE	SERVICES or PROI	DUCT	UNIT PRICE $\frac{3020,}{5}$	300, au 50 au
CODE 101C 40C 107A	10 31,4 Tens 170 SMs	PUMP CHARGE MILEAGE Ton mitrogec DWC Comp	SERVICES or PROI		UNIT PRICE 3020, ^{co} 5, ^{co} 1, 67	300, av 50 av 524,40
CODE 101C 107A 107A 126	10 31,4 Tens 170 SMs	PUMP CHARGE MILEAGE Ton miteosec DUC Comp GO/40 Duz	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1,47 02,55	3020, 20 50 20 524.40 30.83,50
CODE 10/C 107A 107A 126 131 10A	10 31,4 TUAS 170 SMS 525 SMS 850 #	PUMP CHARGE MILEAGE Ton miteage C DWC Come 60/40 puz 1/10/5001	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1, 67 02, 55 15, 10	3020, 20 50 °0 524,40 32.83,50 7927,50
CODE 10/C 406 107A 126 131 10A 18B	10 31,4 Tens 170 sts 525 sts 850 # 3612#	PUMP CHARGE MILEAGE Ton miteage C DWC Come 60/40 puz 1/10/5001	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1,67 02,55 15,10 15,10 156	300,00 5000 524.40 30.53,50 7927,50 476,00
CODE 10/C 107 A 126 127 127 107 10 A 18 B 07	10 31,4 TUAS 170 SMS 525 SMS 850 #	PUMP CHARGE MILEAGE Ton miteosec DUC Comp GO/40 Duz	SERVICES or PROI		UNIT PRICE 3020, 00 5:00 1,67 22,55 15,10 15,10 15,6 125	3020, 00 50 00 524,40 30.83,50 7927,50 476,00 903,00
CODE 10/C 107 A 126 127 127 107 10 A 18 B 07	10 31,4 Tens 170 sts 525 sts 850 # 3612#	PUMP CHARGE MILEAGE Ton miteoseco DUC Come GO/40 puz Kolseal Bentonite gel	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1,67 02,55 15,10 15,10 156	3020, 00 50 00 524.40 30.53,50 7927,50 476,00 903,00 369,42
CODE 10/C 406 107A 126 131 10A 18B 07 44 E	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteget of DWC Come 60/40 puz 1/10/500/ Bentoniteget Floses/ Mid Plush	SERVICES or PROI		UNIT PRICE <u>3026</u> , 5, 1,67 22,55 15,10 ,56 ,25 2,62 1, 00 1,00	3020, 00 50 00 524,40 30.53,50 7927,50 476,00 903,00 369,42 500,00
CODE 10/C 406 107A 126 131 10A 18B 07 445 59	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DUC Come GO/40 puz Kolseal Benton, tegel Floseal Mid Flush SB' AFU Float	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1, 67 02, 55 15, 10 15, 10 15, 20 1, 25 2, 82 1, 00 413, 00	3020, 00 50 00 524,40 30.53,50 7927,50 476,00 903,00 369,42 500,00 4/13,00
CODE 101C 107A 126 131 10A 10A 10A 10A 10A 10A 10A 10A 10A 10	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton mitposed DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Bashet	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1,67 02,55 15,10 15,10 15,10 15,20 1,25 2,82 1,00 1,25 2,82 1,00 1,25 2,82 1,00 1,	300, 00 50 00 524.40 3053,50 7927,50 476,00 903,00 369.42 500,00 4/13,00 276,00
CODE 10/C 107A 126 127 10A 10A 10A 18B 07 148 59 59 59 04 30	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1,67 02,55 15,10 15,10 15,10 15,20 1,25 2,82 1,00 1,	300,00 500 524.40 30.53,50 7927,50 476,00 903,00 369,42 500,00 4/13,00 276,00 638,00
CODE 101C 107A 126 127 10A 10A 10A 10A 10A 10A 10A 10A 10A 10A	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton mitpage G DWC Come 60/40 puz 1/10/500/ Bentonite gel Floses/ Mid Flush Sb" AFU Floot S'11" Basket S'12" Contralize	SERVICES or PROI		UNIT PRICE 3020, 00 5, 00 1, 67 22, 55 15, 10 15, 10 15, 20 1, 25 2, 82 1, 00 413, 00 58, 00 400, 00	300,00 5000 524,40 30,53,50 7927,50 476,00 903,00 369,42 500,00 413,00 276,00 413,00 276,00 413,00
CODE 10/C 107A 126 127 10A 10A 10A 18B 07 148 59 59 59 04 30	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI	DUCT	UNIT PRICE 3020, 00 5, 00 1,67 22,55 15,10 ,56 15,10 ,56 15,10 ,56 15,10 ,56 15,10 ,56 15,10 ,56 2.62 1,07 .55 2.62 1,07 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .55 .60 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .60 .55 .50 .55 .50 .50 .50 .50 .5	300, 00 50 00 524.40 30,53,50 7927,50 476,00 903,00 369,42 500,00 413,00 276,00 639,00 276,00 4800,00 23730.82
CODE 10/C 406 107A 126 127 10A 10A 18B 07 448 59 59 04 20	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI	DUCT	UNIT PRICE 3020, 00 5, 00 1, 67 22, 55 15, 10 15, 10 15, 20 1, 25 2, 82 1, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 414, 00	3020, 00 50 00 52,4,40 30,53,50 7927,50 476,00 903,00 369,42 500,00 413,00 276,00 413,00 276,00 413,00 276,00 23730.82 3559,62
CODE 10/C 107A 126 127 10A 10A 10A 10A 10A 10A 10A 10A 10A 10A	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI	DUCT	UNIT PRICE 3020, 00 5, 00 1, 67 22, 55 15, 10 15, 10 15, 20 1, 25 2, 82 1, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 414, 00	300, 00 50 00 524.40 30,53,50 7927,50 476,00 903,00 369,42 500,00 413,00 276,00 639,00 276,00 4800,00 23730.82
CODE 10/C 40% 107A 126 126 126 127 10A 18B 07 44% 59 59 04 130	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI	DUCT	UNIT PRICE 3020, 00 5, 00 1, 67 22, 55 15, 10 15, 10 15, 20 1, 25 2, 82 1, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 414, 00	3020, 00 50 00 52,4,40 30,53,50 7927,50 476,00 903,00 369,42 500,00 413,00 276,00 413,00 276,00 413,00 276,00 23730.82 3559,62
PT Ce PT Ce CCOUNT CODE 10/C 40% 107A 107A 107A 107A 107 107 107 107 107 107 107 107	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI	DUCT	UNIT PRICE 3020, 00 5,00 1,67 22,55 15,10 15,10 15,20 1,25 2,82 1,00 413,00 58 00 413,00 58 00 413,00 58 00 413,00 58 00 413,00 58 00 413,00 58 00 413,00 58 00 413,00 58 00 58 00 50 00 58 00 58 00 58 00 58 00 58 00 58 00 58 00 58 00 50 000 50 000 50 000 50 000 50 000 50 0000000000	3020, au 50 au 52, 4, 40 30, 53, 50 7927, 50 476, 00 903, 00 369, 42 500, 00 413, 00 213, 00 639, 00 470, 00 23730-82 3559, 62 20171, 20
CODE 10/C 40% 107A 126 126 126 127 10A 18B 07 44% 59 59 04 130	10 31,4 Tens 170,545 525,545 850 # 3412# 131,#	PUMP CHARGE MILEAGE Ton miteosec DWC Come GO/40 puz Iholsoal Bentonitegel Floseal Mid Plush Sb" AFU Float S'L" Contralize	SERVICES or PROI	DUCT	UNIT PRICE 3020, 00 5, 00 1, 67 22, 55 15, 10 15, 10 15, 20 1, 25 2, 82 1, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 58, 00 413, 00 414, 00	3020, 00 50 00 52,4,40 30,53,50 7927,50 476,00 903,00 369,42 500,00 413,00 276,00 413,00 276,00 413,00 276,00 23730.82 3559,62

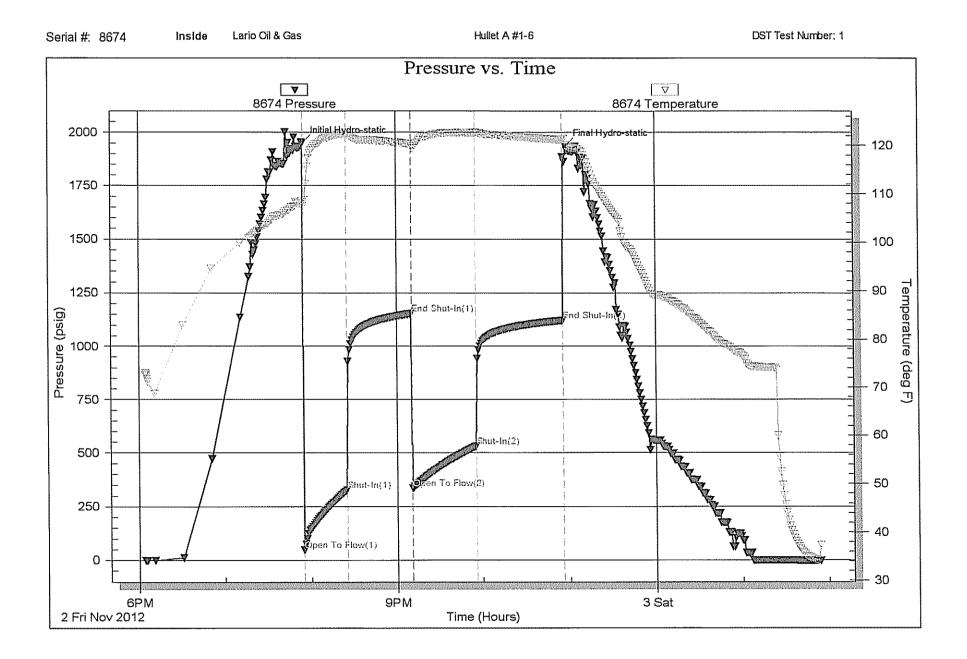
··=_---

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form

254281,

		DRILL STEM TES			N- 04	•	
正式	Low and the second s	Lario Oil & Gas		6-13	3s-31w (SOVE	
	ESTING , INC	301 S Market st Wichita, KS 67202			let A #1 Ticket: 49		DST#:1
		ATTN: Steve Davis		Test	Start: 20	12.11.02 @ 1	18:04:00
GENERAL	INFORMATION:						
	Toronto No Whipstock: Ined: 19:54:45 ed: 01:53:45	ft (KB)		Test Test Unit	er: S	Conventional Sam Esparza 58	Bottom Hole (Initial)
interval: Total Depth: Hole Diameter:	3944.00 ft (KB) To 39 3975.00 ft (KB) (T∨ 7.88 inchesHole	D)		Refe	erence Ee KB te	vations: o GR/CF:	2964.00 ft (KB) 2953.00 ft (CF) 11.00 ft
Serial #: 8 Press@RunDe Start Date: Start Time: TEST COM	epth: 531.72 psig (2012.11.02 18:04:05 MENT: IF: BOB @ 4 min. ISI: 3/4" return.	End Date: End Time:	2012.11.03 01:53:44	Capacity: Last Calib Time On E Time Off	o.: Btm: 2	2 2012.11.02 @ 2012.11.02 @	
	FF: BOB @ 5 min FSI: 4" return.	•					
	Pressuro vs. Ti (274 Desure	1210 (137) (1374 Temporitate		•		E SUMMA	
			1 1 2 1	Pressure (psig) 1948.93 47.55 327.51 1153.17 335.78 531.72 1121.73 1934.40	122.61	Annotatior Initial Hydro- Open To Flo Shut-In(1) End Shut-In(2) End Shut-In(2) End Shut-In(2) Final Hydro-	static w (1) (1) w (2) (2)
	Recovery			ĮĮ	Ga	s Rates	
Length (fl)	Description	Volume (bbl)			Choie (l	nches) Pressure	(psig) Gas Rate (Mct/d)
500.00	MW 10m 90w	4.89				_	
190.00	GOMCW 5g 5o 20m 70w	2.67					
315.00	GOMOW 15g 20o 20m 45	w 4.42					
160.00	GO 20g 80o	2.24					
0.00	120' GIP	0.00					
0.00		1	1				

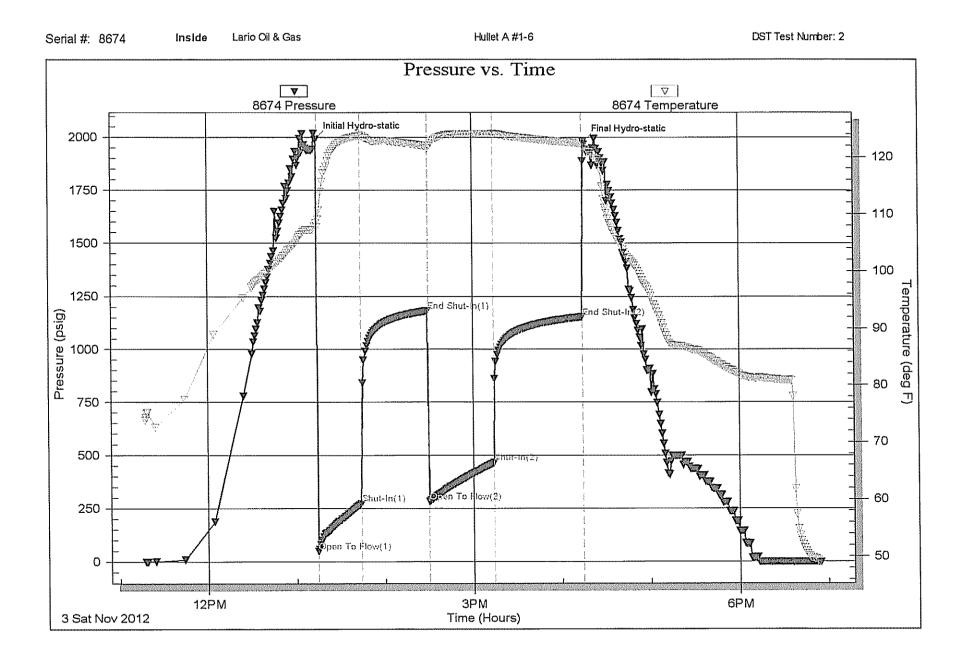
RILOBI			LL STEM TEST R	EFURI			FLUID SUMMAR
		ario O	il & Gas		6-13s-31w	Gove	
I ESII			Aarket st , KS 67202		Hullet A #		DST#: 1
	م	ATTN:	Steve Davis		Test Start: 20)12.11.02 @ 18	8:04:00
Aud and Cushion Info							
lud Type: Gel Chem			Cushion Type:			Oil API:	28 deg API
ud Type. Geronen ud Weight: 9.00 lb	n/aal		Cushion Length:			Water Salinity:	90000 ppm
iscosity: 52.00 s			Cushion Volume:		bbl		
vater Loss: 8.78 ir			Gas Cushion Type:				
esistivity: 0.00 o			Gas Cushion Pressure:		psig		
alinity: 2000.00 p							
ilter Cake: 1.00 ir							
lecovery Information							
		1	Recovery Table	1		l	
	Length ft		Description		Volume bbl		
	500	0.00	MVV 10m 90w		4.891	-	
	190	0.00	GOMCW 5g 5o 20m 70w		2.665		
	315	5.00	GOMCW 15g 20o 20m 45w		4.419		
	160	0.00	GO 20g 80o		2.244		
	[C	0.00	120' GIP		0.000		
		4400	00 ft Total Volume:	14.219 bbl			
Tot	al Length:	1100.	dont folar volume.	14.210 001			
			Num Gas Bombs:	0	Serial #:		
Nur	al Length: m Fluid Samples poratory Name:			0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		
Nur Lat	m Fluid Samples poratory Name:	:0 nts:0il	Num Gas Bombs: Laboratory Location API: 26 @ 40 degrees= 28 API	0	Serial #:		



Printed: 2012.11.03 @ 03:45:59

RILOBITE	DRILL STEM TES					
TESTING, IM			6-13s-3	31w Gove		*****
NON CONTRACTOR	301 S Market st Wichita, KS 67202 ATTN: Steve Davis			et: 49815	DST# 03 @ 11:17:00	
SENERAL INFORMATION: formation: Lansing B Seviated: No Whipstock: Time Tool Opened: 13:14:15 Time Test Ended: 18:55:30 Interval: 4003.00 ft (KB) To Total Depth: 4030.00 ft (KB) (total Depth: 7.88 inches He	IVD)		Test Typ Tester: Unit No: Referen	Sam Es	: 2964.0 2953.0	Hole (Reset) 00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8674 Inside ress@RunDepth: 465.00 psig Start Date: 2012.11.03 Start Time: 11:17:05 TEST COMMENT: IF: BOB @ 4 16 ISI: 7" return. FF: BOB @ 2 7 FSI: 7 1/2" retu FSI: 7 1/2" retu	End Date: End Time: 2 min. /2 min.	2012.11.03 18:55:29	Capacity: Last Calib.: Time On Btm: Time Off Btm		8000.(2012.11.(1.03 @ 13:14:(1.03 @ 16:15:;	00
Pressure v.	Time	T	PRES	SURE SU	MMARY	
200 1750 1			Pressure (psig) Te (dd 1992.20 1992.20 10 49.36 10 272.07 12 1181.65 12 282.19 12 465.00 12 1153.89 12	emp Ann eg F) 08.32 Initial 07.69 Open 23.66 Shut-1 21.88 End S 21.47 Open 23.95 Shut-1 22.41 End S	otation Hydro-static To Flow (1) In(1) hut-In(1) To Flow (2)	
Recover	1			Gas Rate	es	
Length (ft) Description	Volume (bbi)			Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
500.00 MW 10m 90w 120.00 GMCW 10g 20m 70w 120.00 GOWCM 20g 20o 30w 290.00 GO 30g 70o 0.00 200' GIP	4.89 1.68 30m 1.68 4.07 0.00					
Recovery from multiple tests	Ref. No: 49815				11.04 @ 00:02	

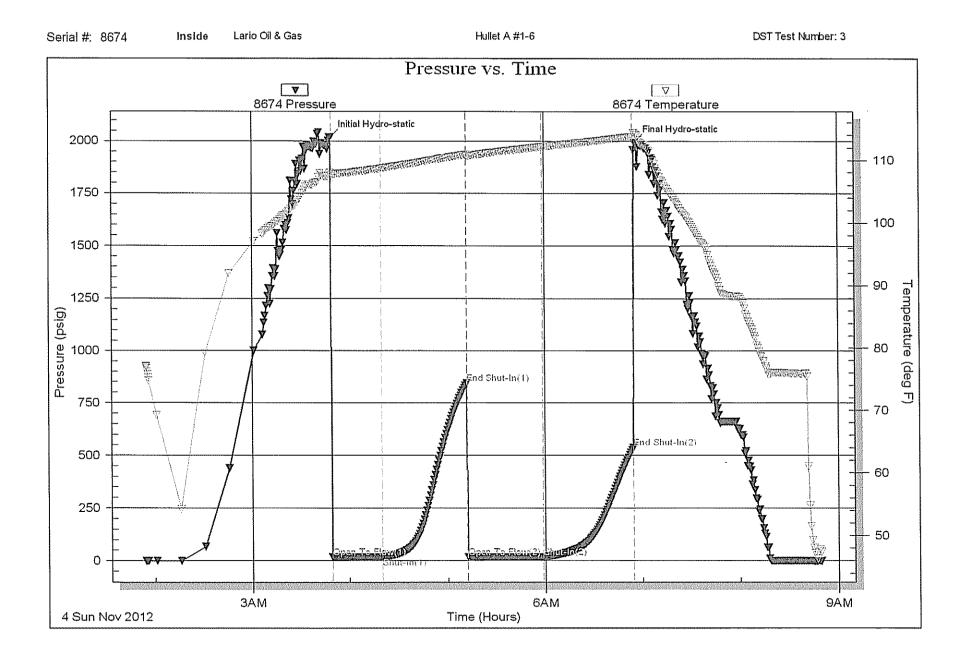
10 Ph -		DRI	LL STEM TEST REPOR	Г		LUID SUMMARY
	RILOBITE		il & Gas	6-13s-31w	Gove	
	ESTING , INC.		Market st , KS 67202	Hullet A #		DST#:2
		ATTN:	Steve Davis	Test Start: 2	2012.11.03 @ 11	:17:00
Mud and Ci	ushion Information					
	iel Chem		Cushion Type:		Oil API:	28 deg API
Mud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	80000 ppm
Viscosity:	55.00 sec/qt		Cushion Volume:	bbl		
Water Loss:	7.20 in*		Gas Cushion Type:			
Resistivity:	0.00 ohm.m		Gas Cushion Pressure:	psig		
Salinity:	3500.00 ppm					
Filter Cake:	1.00 inches					
Recovery In	nformation					
			Recovery Table			
	Leng	th	Description	Volume bbl		
		500.00	MW 10m 90w	4.89	1	
	<u> </u>	120.00	GMCW 10g 20m 70w	1.68	3	
		120.00	GOWCM 20g 20o 30w 30m	1.68	3	
		290.00	GO 30g 70o	4.06	8	
		0.00	200' GIP	0.00	0	
	Total Length:	1030	.00 ft Total Volume: 12.325 bbl			
			Num Gas Bornibs: 0	Serial #	ŧ	
	Num Fluid Samp		Laboratory Location:			
	Laboratory Nan	ne. monte: Oi	IAP: 27 @ 50 degrees= 28 API			
	Recovery Com	Al	RW: .111 @ 57 degrees= 80000 ppm			
		,				



	RILL STEM TES	T REP	ORT				
	Oil & Gas		6-139	s-31w (Gove		
	S Market st hita, KS 67202			e t A #1 icket: 49		DST#:3	
АТП	N: Steve Davis		Test S	Start: 20	12.11.04 @	01:54:00	
GENERAL INFORMATION:							
Formation: Lansing D Deviated: No Whipstock: Time Tool Opened: 03:49:15 Time Test Ended: 08:49:45	ft (KB)		Test T Teste Unit N	r: \$	Conventional Sam Esparza 58	l Bottom Hole 1	(Reset)
Interval: 4048.00 ft (KB) To 4066.00 ft Total Depth: 4066.00 ft (KB) (TVD) Hole Diameter: 7.88 inchesHole Condi			Refer		vations: o GR/CF:	2964.00 f 2953.00 f 11.00 f	t (CF)
Serial #: 8674 Inside Press@RunDepth: 17.09 psig @ Start Date: 2012.11.04 Start Time: 01:54:05	4049.00 ft (KB) End Date: End Time:	2012.11.04 08:49:44	Capacity: Last Calib.: Time On Bt Time Off Bi	m: 2	2 2012.11.04 @ 2012.11.04 @	-	osig
TEST COMMENT: IF: 1/2" blow . ISI: No return. FF: No blow . FSI: No return.							
Pressure vz. Time	[```` `		PRE	ESSUR	E SUMMA		
Toulie 202	Transmuss (Mo D)	Time (Min.) 0 1 31 83 84 130 186 187	(psig) (2017.25 16.49 17.20 844.21 17.31 17.09 536.51	110,58 112.13	Annotatio Initial Hydro Open To Fli Shut-In(1) End Shut-In Open To Fli Shut-In(2) End Shut-In Final Hydro	static ow (1) (1) ow (2) (2)	
Recovery				Gas	s Rates		
Length (fl) Description	Volume (bbi)			Choke (ir	nches) Pressur	e (psig) Gas I	Rale (Mcl/d)
5.00 Mud 100m (Oil Spots)	0.02						
Recovery from multiple tests					2012.11.04		

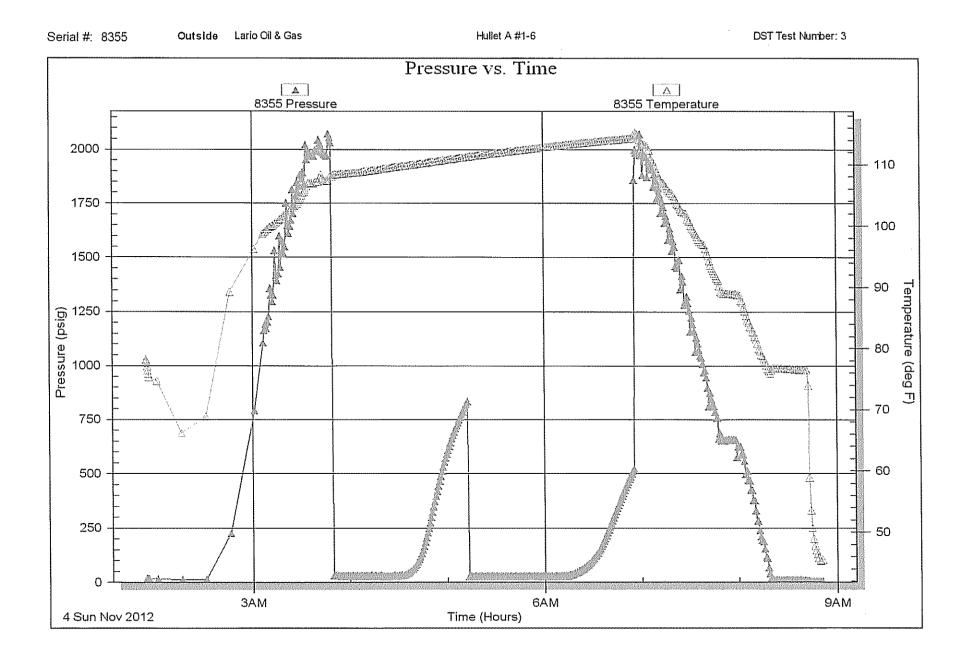
	DRILL STEM TES	ST REP	ORT			
RILOBITE	Lario Oil & Gas		6-13	3s-31w	Gove	
ESTING , INC	301 S Market st Wichita, KS 67202			let A #1 Ticket: 49		DST#: 3
	ATTN: Steve Davis)12.11.04 @	
Wwdlr.	ATTN: Greve Davis					
GENERAL INFORMATION:						
Formation: Lansing D Deviated: No Whipstock: Time Tool Opened: 03:49:15 Time Test Ended: 08:49:45	ft (KB)		Test Test Unit I	er:	Convention Sam Esparz 58	al Bottom Hole (Reset) a
Interval: 4048.00 ft (KB) To 40 Total Depth: 4066.00 ft (KB) (Tv Hole Diameter: 7.88 inchesHole	′D)		Refe	rence Ee KB 1	evations:	2964.00 ft (KB) 2953.00 ft (CF) 11.00 ft
Serial #: 8355OutsidePress@RunDepth:psigStart Date:2012.11.04Start Time:01:54:05	 4049.00 ft (KB) End Date: End Time: 	2012.11.04 08:50:59	Capacity: Last Calib Time On E Time Off B	o.: Blm:		8000.00 psig 2012.11.04
TEST COMMENT: IF: 1/2" blow . ISI: No return. FF: No blow . FSI: No return.						
Pressure vs. T	DIIG				RESUMM	
200 Presure 100 P		Time (Min.)	Pressure (psig)	Temp (deg F)	Annotati	on
Recovery				Ga	s Rates	
Length (fl) Description	Volume (bbl)			Choke (inches) Press	ure (psig) Gas Rate (Mcf/d)
5.00 Mud 100m (Oil Spots)	0.02					

		DRI	LL S	TEM TEST F	REPOR	Γ		FLUID S	UMMARY
RILOB	1	Lario O	I & Gas			6-13s-31w	Gove		
I EST	ING , INC		/arket st , KS 672			Hullet A # Job Ticket: 4		DST#:3	
		ATTN:	Steve D	Davis			012.11.04 @ (01:54:00	
Mud and Cushion Info	ormation								*****
Mud Type:Gel ChemMud Weight:9.00 llViscosity:58.00 sWater Loss:7.20 llResistivity:0.00 cSalinity:3500.00 pFilter Cake:1.00 ll	sec/qt nª ohm.m opm			Cushion Type: Cushion Length: Cushion Volume: Gas Cushion Type: Gas Cushion Pressure	:		Oil API: Water Salinity	:	deg API ppm
Recovery Information	l			Recovery Table					
	Length ft	1	r	Description		Volume bbl]		
		5.00	Mud 10(Om (Oil Spots)		0.025			
Tol	al Length:	5.	00 ft	Total Volume:	0.025 bbl				
Re	covery Comm	ents:							
							· 2012 11 04 @		



Ref. No: 49816

Printed: 2012.11.04 @ 09:34:13

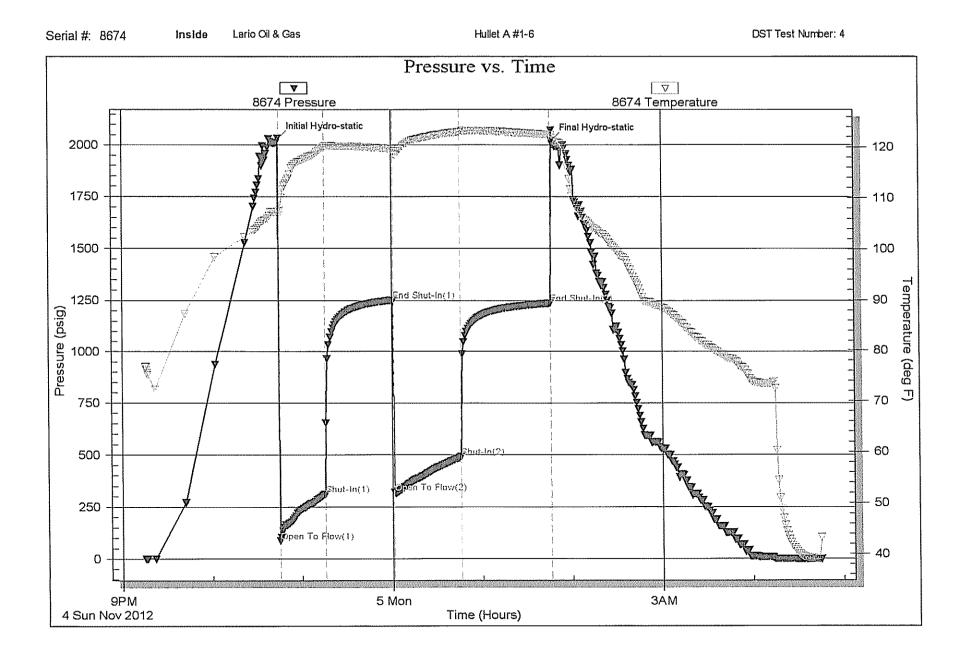


Ref. No: 49816

Printed: 2012.11.04 @ 09:34:13

	DRILL STEM TES	T REP	ORT				
RILOBITE	Lario Oil & Gas		6-1	3s-31w (Gove		
ESTING , IN	C 301 S Market st Wichita, KS 67202			liet A #1 Ticket: 49		DST#:4	
)12.11.04 @		
	ATTN: Steve Davis		165		, 12, 11,04 @	21.10.00	
GENERAL INFORMATION:							
Formation: Lansing H, I Deviated: No Whipstocl Time Tool Opened: 22:45:15 Time Test Ended: 04:44:45	ft (KB)		Tes	ter:	Conventional Sam Esparza 58		e (Reset)
Interval: 4119.00 ft (KB) To	4176.00 ft (KB) (TVD)		Ref	erence 🖂	evations:	2964.00	
Total Depth: 4176.00 ft (KB)				KD +		2953.00 11.00	
Hole Diameter: 7.88 inches	ole Condition:			KB 1	o GR/CF:	11.00	11
Serial #:8674InsidePress@RunDepth:490.47 psStart Date:2012.11.0Start Time:21:15:0	End Date:	2012.11.05 04:44:44	Capacity Last Cali Time On Time Off	b.: Btm: 2	: 2012.11.04 (2012.11.05 (psig
TEST COMMENT: IF: BOB @ 2 I ISI: BOB Retu FF: BOB imm FSI: BOB Ret	n @ 18 min. dially. rn @ 12 min.				RE SUMM		
LT] E74Pressue	n. Time (V) (194 terretate	Time			Annotatio		
The first of the second			Pressure (psig) 2028.73 86.17 310.73 1250.73 319.91 490.47 1236.02 2021.11	119.85 119.61 119.14 122.99 122.45	Initial Hydro Open To Fl Shut-In(1) End Shut-Ir	o-static ow (1) h(1) ow (2) h(2)	
Recove	у			Ga	s Rates		
Length (fl) Description	Volume (bbl)			Choiæ (inches) Pressu	re (psig) Ga	s Rate (Mcf/d)
250.00 GOWCM 10g 20o 20v							
440.00 GMCO 20m 40g 40o	6.17						
550.00 GO 60g 40o	7.72						
0.00 1200' GIP	0.00						
* Recovery from multiple tests					2012.11.05		

ACEN =		DRI	LL STEM TEST F	REPORT	**	F	LUID SUMMARY
	RILOBITE)∦ & Gas		6-13s-31w	/ Gove	
	ESTING , INC	201 6	Market st		Hullet A #	#1-6	
	•		a, KS 67202		Job Ticket:		DST#:4
		ATTN:	Steve Davis			2012.11.04 @ 21	
Viud and Ci	shion Information						
/lud Type: G	ei Chem		Cushion Type:			Oil API:	38 deg API
/ud Weight:	9.00 lb/gal		Cushion Length:		ft	Water Salinity:	65000 ppm
'iscosity:	59.00 sec/qt		Cushion Volume:		bbl		
vater Loss:	7.60 in ³		Gas Cushion Type:				
lesistivity:	0.00 ohm.m		Gas Cushion Pressure	e:	psig		
alinity:	3800.00 ppm						
ilter Cake:	1.00 inches						
ecovery lr	nformation		Descure Table				
			Recovery Table				
	Leng ft	ith	Description		Volume bbl		
		250.00	GOWCM 10g 20o 20w 50m		1.38		
		440.00	GMCO 20m 40g 40o		6.17		
		550.00	GO 60g 40o		7.71		
		0.00	1200' GIP		0.00	<u>n</u>	
	Total Length:	1240	.00 ft Total Volume:	15.271 bbl			
	Num Fluid Sam	oles: 0	Num Gas Bombs:	0	Serial #	#:	
	Laboratory Nar		Laboratory Locatio				
	Recovery Com	ments: Oi	IAPI: 36 @ 40 degrees= 38 AF	1			
		AI	PI RW: .172 @ 45degrees= 650	uu ppm			

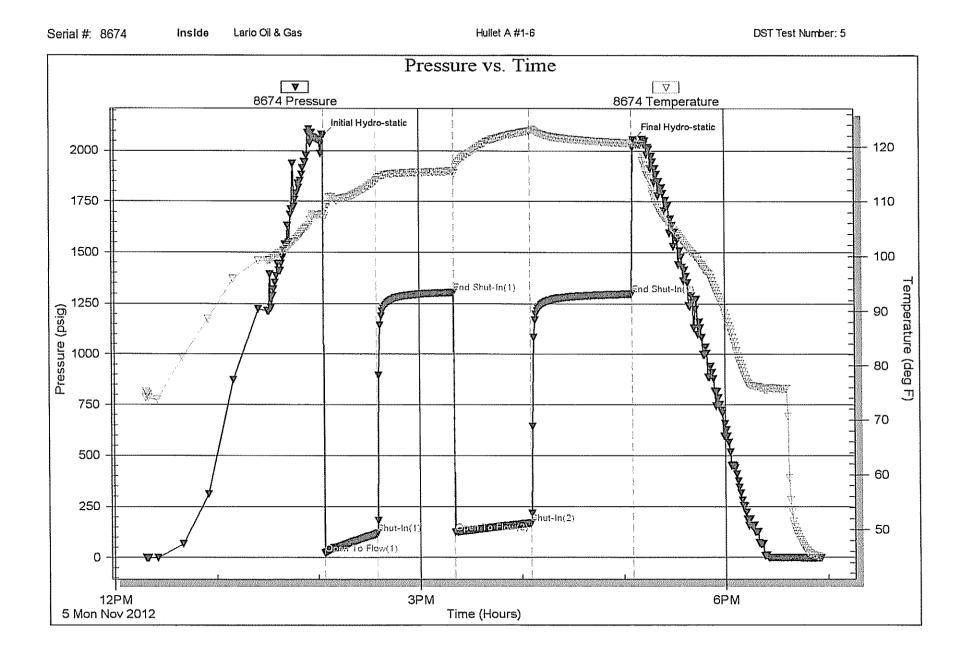


Ref. No: 49817

Printed: 2012.11.05 @ 05:35:12

	DRILL STEM TES	TREP	ORT	
RILOBITE	Lario Oil & Gas		6-13s-31	lw Gove
ESTING , INC	301 S Market st Wichita, KS 67202		Hullet A Job Ticke	
	ATTN: Steve Davis		Test Star	: 2012.11.05 @ 12:18:00
GENERAL INFORMATION:				
Formation:Lansing JDeviated:NoWhipstock:Time Tool Opened:14:03:45Time Test Ended:18:56:30	ft (KB)		Test Type Tester: Unit No:	e: Conventional Bottom Hole (Reset) Sam Esparza 58
Interval:4175.00 ft (KB) To42Total Depth:4210.00 ft (KB) (The second secon	/D)			e Elevations: 2964.00 ft (KB) 2953.00 ft (CF) KB to GR/CF: 11.00 ft
Serial #: 8674 Inside Press@RunDepth: 169.33 psig Start Date: 2012.11.05 Start Time: 12:18:05	 4176.00 ft (KB) End Date: End Time: 	2012.11.05 18:56:29	Capacity: Last Calib.: Time On Btm: Time Off Btm:	8000.00 psig 2012.11.05 2012.11.05 @ 14:03:30 2012.11.05 @ 17:06:15
TEST COMMENT: IF: 6" blow . ISI: No return. FF: 6 1/4" blow . FSI: No return.		.		
Prossure vs. T (T) (274) pause	1173 B CCT-1 Terrestrice			
	CTAL INTERNAL Transmission CTAL INTERNAL TRANSMISSION CTAL INTERNAL CTAL INT	Time (Min.) 0 1 32 77 77 122 182 182 183	21.15 106 119.67 113 1304.35 115 124.27 115 169.33 122 1296.93 120	
Recovery				Gas Rates
Length (ft) Description	Volume (bbl)			noke (inches) Pressure (psig) Gas Rate (Mct/d)
250.00 GOMCW 5g 5o 80w 10m 99.00 GOWCM 10g 10o 20w 6				
1.00 Oil 100o	0.01			
0.00 120' GIP	0.00			
* Recovery from multiple tests Trilobite Testing, Inc	Ref. No: 49818	I	Prin	ted: 2012.11.05 @ 23:01:23

Ø. () ←Ø\\	RILOBITE	:	DRI	LL ST	EM TEST	REPORT	-		FLUID SUMMAR
12-1-1	Provide statements		Lario O	il & Gas			6-13s-31w	Gove	
	ESTING	G, INC.		Varket st , KS 6720	2		Hullet A #		DST#:5
			ATTN:	Steve Da	vis			2012.11.05 @ 12	
Mud and C	Cushion Inform	ation							
Mud Type:	Gel Chem			C	ushion Type:			Oil API:	deg API
Mud Weight:	9.00 lb/gal				ushion Length:		ft	Water Salinity:	70000 ppm
/iscosity:	55.00 sec/o	i t			ushion Volume:		bbl		
Vater Loss:	7.20 in*				as Cushion Type:				
lesistivity:	0.00 ohm.r	m		G	as Cushion Pressu	re:	psig		
alinity:	4000.00 ppm								
ilter Cake:	1.00 inche	S							
lecovery l	Information			R	ecovery Table				
		Length)		Description		Volume	1	
		ft		00101	-		bbl 1.384		
			50.00		5g 5o 80w 10m 10g 10o 20w 60m		1.389		
			99.00 1.00	Oil 100o	10g 100 20w 00m		0.014		
			0.00	120' GIP			0.000	-	
	Total Le	ennih:		.00 ft	Total Volume:	2.787 bbl		4	
	Num Flu	uid Sample			Num Gas Bombs:	0	Serial #	:	
		tory Name			Laboratory Local				
				9 RW: .155	Laboratory Local 6 @ 49degrees= 70				
				1 RW: .155					
				1 RW: .155					
				1 RW: .155					
				1 RW: .155					
				RW: .155					
				ז RW: .155					
				ז RW: .155					
				ז RW: .155					
				ז RW: 155					
				ז RW: 155					
				1 RW: .155					
				1 RW: .155					
				ז RW: .155					
				ז RW: 155					
				ז RW: 155					
				1 RW: .155					
				1 RW: .155					
				1 RW: .155					
				ז RW: 155					
				ז RW: 155					
				1 RW: .155					
				1 RW: .155					

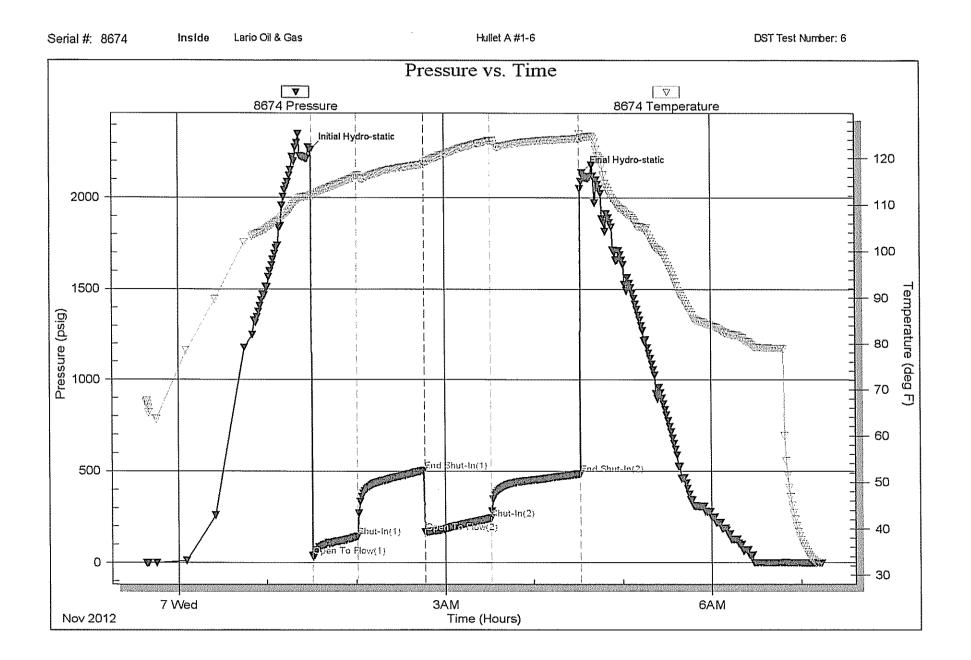


Ref. No: 49818

Printed: 2012.11.05 @ 23:01:25

RILOBITE	Lario Oil & Gas		6-13s		ve	
ESTING , INC.	301 S Market st Wichita, KS 67202			e t A #1-6 cket: 4981	9 DST	#-6
	ATTN: Steve Davis		L.		.11.06 @ 23:38:0	
GENERAL INFORMATION:						
Formation: Johnson Deviated: No Whipstock: Fime Tool Opened: 01:30:30 Fime Test Ended: 07:14:30	ft (KB)		Test T Tester Unit N	r: San	wentional Bottom n Esparza	Hole (Reset)
nterval: 4506.00 ft (KB) To 45 Fotal Depth: 4547.00 ft (KB) (TV Hole Diameter: 7.88 inchesHole	'D)		Refere	ence Eleval KB to G	2953.	00 ft (KB) 00 ft (CF) 00 ft
Serial #: 8674 Inside Press@RunDepth: 242.68 psig 1 Start Date: 2012.11.06 2 Start Time: 23:38:05 2	 4507.00 ft (KB) End Date: End Time: 	2012.11.07 07:14:29	Capacity: Last Calib.: Time On Bt Time Off Bt	m: 201	8000. 2012.11. 2.11.07 @ 01:30: 2.11.07 @ 04:33:	15
TEST COMMENT: IF: BOB @ 5 1/2 (ISI: BOB Return (FF: BOB Immedia FSI: BOB Return	⊉ 17 min. Ny.					
Prossure vs. Ti	ETA Terrestica				SUMMARY	
	10-11-0-10-10-10-10-10-10-10-10-10-10-10	Time (Min.) 0 1	(psig) (2261.96	(deg F) 112.07 Ini 111.34 O	Annotation itial Hydro-static pen To Flow (1) nut-In(1)	
		31 76 77 122 182 183	502.66 167.22 242.68 484.70	118.66 Er 118.67 O 123.85 St 124.23 Er	nd Shut-In(1) pen To Flow (2) nut-In(2) nd Shut-In(2) nal Hydro-static	
		Temperature (1995) 122 182	502.66 167.22 242.68 484.70	118.66 Er 118.67 O 123.85 St 124.23 Er	pen To Flow (2) nut-In(2) nd Shut-In(2) nal Hydro-static	
400 400 400 400 400 400 400 400		Temperature (1995) 122 182	502.66 167.22 242.68 484.70	118.66 Er 118.67 O 123.85 St 124.23 Er 124.52 Fi	pen To Flow (2) nut-In(2) nal Hydro-static Rates	Gas Rate (Mc(/d)
scolution scolution	Volume (bbl) 0.30	Temperature (1995) 122 182	502.66 167.22 242.68 484.70	118.66 Er 118.67 Or 123.85 St 124.23 Er 124.52 Fit Gas F	pen To Flow (2) nut-In(2) nal Hydro-static Rates	Gas Rate (Mcf/d)
ко со со со со со со со со со с	Volume (bbl) 0.30 6.70	Temperature (1995) 76 77 122 182	502.66 167.22 242.68 484.70	118.66 Er 118.67 Or 123.85 St 124.23 Er 124.52 Fit Gas F	pen To Flow (2) nut-In(2) nal Hydro-static Rates	Gas Rate (Mcf/d)
w 2012 2 Wed 2	Volume (bbl) 0.30	Temperature (1995) 76 77 122 182	502.66 167.22 242.68 484.70	118.66 Er 118.67 Or 123.85 St 124.23 Er 124.52 Fit Gas F	pen To Flow (2) nut-In(2) nal Hydro-static Rates	Gas Rate (Mcf/d)

11 X N		DRI	LL STEM TEST REPORT	Г	I	FLUID SUMMAR
	RILOBITE)il & Gas	6-13s-31w	Gove	
	ESTING , INC		Market st a, KS 67202	Hullet A #		DST#:6
		ATTN:	Steve Davis		2012.11.06 @ 23	3:38:00
lud and Cu	ushion Information				<u></u>	
lud Type: G	el Chem		Cushion Type:		Oil API:	28 deg API
lud Weight:	9.00 lb/gal		Cushion Length:	ft	Water Salinity:	ppm
iscosity:	53.00 sec/qt		Cushion Volume:	bbl		
/ater Loss:	6.40 in³		Gas Cushion Type:			
esistivity:	0.00 ohm.m		Gas Cushion Pressure:	psig		
alinity:	3000.00 ppm					
lter Cake:	1.00 inches					
ecovery Ir	nformation		Recovery Table			
	Leng	Ith	Description	Volume	7	
	ft			bbl	_	
		60.00	GMCO 20g 20m 60o	0.29		
		590.00	GO 20g 80o	6.70		
		0.00	1160' GIP	0.00	<u>u</u>	
	Total Length:	650	.00 ft Total Volume: 6.995 bbl			
	Num Fluid Sam	oles: 0	Num Gas Bombs: 0	Serial #	t;	
	Num Fluid Sam Laboratory Nar		Num Gas Bombs: 0 Laboratory Location:	Serial #	Ŀ.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	Ļ	
	Laboratory Nar	ne:		Serial #	L.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ų.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ţ	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ų.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ų.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ų.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ι.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ι.	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ι. ·	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ι. ·	
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ι. ·	
	Laboratory Nar	ne:	Laboratory Location:	Serial #		
	Laboratory Nar	ne:	Laboratory Location:	Serial #	ι. ·	
	Laboratory Nar	ne:	Laboratory Location:	Serial #		
	Laboratory Nar	ne:	Laboratory Location:	Serial #		
	Laboratory Nar	ne:	Laboratory Location:	Serial #		
	Laboratory Nar	ne:	Laboratory Location:	Serial #		
	Laboratory Nar	ne:	Laboratory Location:	Serial #		



Ref. No: 49819

Printed: 2012.11.07 @ 07:39:19