



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1091266
OIL & GAS CONSERVATION DIVISION

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 # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

- New Well Re-Entry Workover
- Oil WSW SWD SIOW
- Gas D&A ENHR SIGW
- OG GSW Temp. Abd.
- CM (Coal Bed Methane)
- Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

- Deepening Re-perf. Conv. to ENHR Conv. to SWD
- Plug Back Conv. to GSW Conv. to Producer
- Commingled Permit #: _____
- Dual Completion Permit #: _____
- SWD Permit #: _____
- ENHR Permit #: _____
- GSW Permit #: _____

Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date
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API No. 15 - _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

- NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

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: _____



1091266

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. 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 <i>(Attach Additional Sheets)</i>	<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes <input type="checkbox"/> No	Name	Top	Datum
Cores Taken	<input type="checkbox"/> Yes <input type="checkbox"/> No			
Electric Log Run	<input type="checkbox"/> Yes <input type="checkbox"/> No			
List All E. Logs Run:				

CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, 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:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate				
<input type="checkbox"/> Protect Casing				
<input type="checkbox"/> Plug Back TD				
<input type="checkbox"/> Plug Off Zone				

Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*

Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*

Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Shots Per Foot	PERFORATION RECORD - Bridge Plugs Set/Type Specify Footage of Each Interval Perforated	Acid, Fracture, Shot, Cement Squeeze Record <i>(Amount and Kind of Material Used)</i>	Depth

TUBING RECORD: Size: _____ Set At: _____ Packer At: _____ Liner Run: Yes No

Date of First, Resumed Production, SWD or ENHR. _____ Producing Method:
 Flowing Pumping Gas Lift Other *(Explain)* _____

Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio	Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Cook Trust 1-1
Doc ID	1091266

All Electric Logs Run

CDL/CNL/PE
SONIC
MEL
DIL

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Cook Trust 1-1
Doc ID	1091266

Tops

Name	Top	Datum
Heebner	3926	-969
Lansing	3975	-1018
Stark Shale	4200	-15243
Hushpuckney	4232	-1275
Base KC	4270	-1313
Marmaton	4323	-1366
Pawnee	4405	-1448
Ft. Scott	4430	-1473
Johnson	4526	-1569
Morrow	4544	-1587
Mississippian	4574	-1617
Spergen	4694	-1737

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

October 12, 2012

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

Re: ACO1
API 15-109-21111-00-00
Cook Trust 1-1
NE/4 Sec.01-13S-32W
Logan 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

Invoice Number: 132555
Invoice Date: Aug 26, 2012
Page: 1

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

AFE 12-177
Drilling
2 Stage
CK 9/10/12



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

Customer ID	Well Name/# or Customer P.O.	Payment Terms	
Lario	<u>Cook Trust #1-1</u>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-02	Oakley	Aug 26, 2012	9/25/12

Quantity	Item	Description	Unit Price	Amount
470.00	MAT	Lightweight Type 1	15.00	7,050.00
165.00	MAT	ASC	19.00	3,135.00
800.00	MAT	Gilsonite	0.89	712.00
125.00	MAT	Flo Seal	2.70	337.50
500.00	MAT	Super Flush	1.27	635.00
729.92	SER	Cubic Feet	2.10	1,532.83
1,237.20	SER	Ton Mileage	2.35	2,907.42
1.00	SER	2 Stage Production Casing	2,405.00	2,405.00
40.00	SER	Pump Truck Mileage	7.00	280.00
1.00	SER	Manifold & Head Rental	200.00	200.00
40.00	SER	Light Vehicle Mileage	4.00	160.00
1.00	EQP	5.5 AFU Float Shoe	544.00	544.00
1.00	EQP	5.5 Latch Down Plug Assembly	277.00	277.00
1.00	EQP	5.5 D V Tool	3,721.00	3,721.00
1.00	EQP	5.5 Basket	337.00	337.00
9.00	EQP	5.5 Centralizer	49.00	441.00
1.00	CEMENTER	Darren Racette		
1.00	EQUIP OPER	Tyler Flipse		
1.00	OPER ASSIST	Brandon Wilkinson		
1.00	OPER ASSIST	Jeremy Sterger		

all JC
SEP 14 2012
all JC
J&S

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

\$ 6908.93

ONLY IF PAID ON OR BEFORE
Sep 20, 2012

Subtotal	24,674.75
Sales Tax	1,383.75
Total Invoice Amount	26,058.50
Payment/Credit Applied	
TOTAL	26,058.50

ALLIED OIL & GAS SERVICES, LLC 056675

Federal Tax I.D.# 20-5975804

REMIT TO P.O. BOX 31
RUSSELL, KANSAS 67665

SERVICE POINT:
Oakley

DATE <u>8-26-12</u>	SEC. <u>1</u>	TWR. <u>13</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>1:30 AM</u>	JOB START <u>7:00 AM</u>	JOB FINISH <u>11:00 AM</u>
LEASE <u>Cook Trust</u>	WELL# <u>1-1</u>	LOCATION <u>Oakley 115-2E-Sinto</u>			COUNTY <u>Gove</u>	STATE <u>Ks.</u>	
OLD OR <u>NEW</u> (Circle one)					<u>1.07</u>	<u>8.05</u>	

CONTRACTOR WV-2
 TYPE OF JOB Production 2 Stage
 HOLE SIZE 7 7/8 T.D. 4721'
 CASING SIZE 5 1/2 DEPTH 4721'
 TUBING SIZE DEPTH
 DRILL PIPE DEPTH
 TOOL DV DEPTH 2507
 PRES. MAX MINIMUM
 MEAS. LINE SHOE JOINT 21.04
 CEMENT LEFT IN CSG. 21.04
 PERFS.
 DISPLACEMENT 111.85

OWNER Same
 CEMENT
 AMOUNT ORDERED 165 sks Hsg. 10% Salt 2% Bol
5" Gilsonite 6% Plaster
470 sks Class II Type 1 1/4" Flo Seal
 Life Type 1
~~470 sks~~ 470 sks. @ \$15.00 = \$7050.00
 POZMIX @
 GBL ~~500~~
 CHLORIDE @
 ASC 165 sks @ \$19.00 = \$3135.00
Gilsonite 800" @ .89 = \$712.00
Flo Seal 125" @ \$2.70 = \$337.50
 500 gal Superflush @ \$1.31 = \$635.00
 HANDLING 729.92 @ \$2.10 = \$1532.83
 MILBAOB 30.93 x 40x @ \$2.95 = \$902.44
 TOTAL 1237.20 TOTAL \$16307.25

REMARKS:

Pump 5 bbl water mix Superflush Pump 5 bbl water
 mix 165 sks Cement washup Truck Release Plug
 Displace with water + mud Land Plug @ 1150"
 Lift Pressure 650 # Open Tool + Circulate 3 hr.
 Plug m/hole 30 sks Cement
 Plug m/hole 15 sks Cement + 5 bbl water
 Washup mix Cement Washup Release
 Plug Displace with water Land Plug @
 Cement Did Circulate 1/4" 1600"
 Float Held. Land Van.

CHAROB TO: Lacia Oil & Gas Co.
 TREET
 CITY STATE ZIP

SERVICE

DEPTH OF JOB 4721'
 PUMP TRUCK CHARGES @ \$245.00 = \$245.00
 EXTRA FOOTAGE @
 MILBAOB 410 @ \$7.00 = \$2870.00
 MANIFOLD Hand @ \$200.00 = \$200.00
 Lirmileage @ \$4.00 = \$160.00
 Bid
 TOTAL \$3045.00

PLUG & FLOAT EQUIPMENT

5/2 Weatherford
 1-APU Float Shoe @ \$544.00 = \$544.00
 1-Latch Down Plug Assy @ \$277.00 = \$277.00
 1-DV Tool @ \$372.00 = \$372.00
 1-Basket @ \$337.00 = \$337.00
 9-Centralizers @ \$49.00 = \$441.00
 TOTAL \$5320.00

You are hereby requested to rent cementing equipment
 and furnish cementer and helper(s) to assist owner or
 contractor to do work as is listed. The above work was
 done to satisfaction and supervision of owner agent or
 contractor. I have read and understand the "GENERAL
 TERMS AND CONDITIONS" listed on the reverse side.

PRINTED NAME DARIN DRESSSEL

SIGNATURE Darin Dresssel AFE 12-17 Bid 2820

SALES TAX (If Any) 1383.75
 TOTAL CHARGES 24,674.75
 DISCOUNT 6908.93 IF PAID IN 30 DAYS

BID SHEET



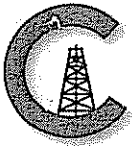
Date	8/25/12
Service Point	Dakley
Manager	Terry Helarich
Address	P.O. Box 27
	Dalton, KS 67748
Business Phone	785-672-9157
E-mail	thel@alliedoil.com
Mobile	785-672-9176

Company	Largo Oil & Gas Company	Prepared For	Irych, Robert	Well Data	
Address	301 S. Market	Title	Oper. Chief	Open Hole	55778
Address	Wichita Kansas 67201	Business Phones	316-245-5811	Depth	4900
Well Name	Cook Tract	E-mail	hth@largo.com	I.D.	57475
Lease	#1-1	Mobile Phone:		Job Excess	57475
Field		Prepared By:	Neil Rapp	Depth	744700
County	Osage	Title	Field Safety Coordinator	O.D.	4700
State	Kansas	Business Phones	316-246-3168	I.D.	4705
Section	1	E-mail	Neil.Rapp@largo.com	Casing Weight	30.5
Township	13E	Mobile Phone:	316-246-7057	Thread	3/4 STC
Range	21W	Rig Contractor	WV Ddg.	Grade	155
API Number		Rig Name	#2		
Proposal Title	Two Stage Production	Rig Phone			

5 1/2

544
277
372
337
49,22

	Units	UDM	Cost per Unit	Total	Unit /ft	Net
CISO - Casing Pump Charge 400' to 500'	1.00	(for 4 hours)	\$2,405.00	\$ 2,405.00	\$ 1,731.60	\$1,731.60
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 2,405.00		\$1,731.60
Float Shot	1.00	Each	\$424.00	\$ 424.00	\$ 305.28	\$305.28
Heavy Duty Valve Lot 104 Down	1.00	Each	\$157.00	\$ 157.00	\$ 113.04	\$113.04
Stage Collar	1.00	Each	\$3,187.00	\$ 3,187.00	\$ 2,294.64	\$2,294.64
Cement Basket	1.00	Each	\$270.00	\$ 270.00	\$ 194.40	\$194.40
Cementizer	9.00	Each	\$48.00	\$ 432.00	\$ 31.56	\$311.01
	0.00	Each	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 4,470.00		\$3,218.40
ASCA - ALLIED SPECIAL BLEND CMT. CLASS A	10500	per sack	\$19.00	\$ 3,915.00	\$ 13.68	\$2,394.00
ALCZA - ALLIED LT. WT. CMT. TYPE 1 CLASS A	57500	per sack	\$15.00	\$ 8,625.00	\$ 10.80	\$5,670.00
FLSL - Flo Seal	131.00	per pound	\$2.70	\$ 353.70	\$ 1.94	\$254.66
GILS - Gilonite	875.00	per pound	\$0.89	\$ 778.75	\$ 0.64	\$560.70
SPFL - Super Flush	500.00	per gallon	\$1.27	\$ 635.00	\$ 0.91	\$457.30
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 12,967.45		\$9,315.56
HDLG - Products handling service charge	884.00	per cu. ft.	\$2.10	\$ 1,858.40	\$ 1.51	\$1,215.65
DRVG - Drayage for products	1364.00	per mile	\$2.35	\$ 3,205.40	\$ 1.69	\$2,307.89
MILV - Light Vehicle Mileage	40.00	per mile	\$4.00	\$ 160.00	\$ 2.88	\$115.20
MHLV - Heavy Vehicle Mileage	40.00	per mile	\$7.00	\$ 280.00	\$ 5.04	\$201.60
Subtotal				\$ 5,333.80		\$3,840.34
CAHID - Cementing Head Rental with Manifold	1.00	per day	\$100.00	\$ 200.00	\$ 144.00	\$144.00
	0.00	0.00	\$0.00	\$ -	\$ -	\$0.00
Subtotal				\$ 200.00		\$144.00
Totals				\$ 25,978.25		\$18,270.50
DISCOUNT: Operations			28.0%	(673.40)		
DISCOUNT: Equipment Sales			28.0%	(1,251.60)		
DISCOUNT: Products			28.0%	(3,630.89)		
DISCOUNT: Transport			28.0%	(1,493.46)		
DISCOUNT: OTHER			28.0%	(56.00)		
			Total	(7,105.35)		



CONSOLIDATED
Oil Well Services, LLC

REMIT TO
Consolidated Oil Well Services, LLC
Dept. 970
P.O. Box 4346
Houston, TX 77210-4346

MAIN OFFICE
P.O. Box 884
Chanute, KS 66720
620/431-9210 • 1-800/467-8676
Fax 620/431-0012

INVOICE Invoice # 252158
=====

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 637846
(316)265-5611

COOK TRUST #1-1
37102
1-13-32 drilling AFE 12-171
08-17-2012 8-22-12 LK
KS

Part Number	Description	Qty	Unit Price	Total
1104S	CLASS "A" CEMENT (SALE)	165.00	17.6500	2912.25
1102	CALCIUM CHLORIDE (50#)	465.00	.8900	413.85
1118B	PREMIUM GEL / BENTONITE	310.00	.2500	77.50

Sublet Performed	Description	Total
9996-130	CEMENT MATERIAL DISCOUNT	-510.54
9995-130	CEMENT EQUIPMENT DISCOUNT	-231.75

Description	Hours	Unit Price	Total
460 MIN. BULK DELIVERY	1.00	410.00	410.00
463 CEMENT PUMP (SURFACE)	1.00	1085.00	1085.00
463 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00

ad
sc
AUG 27 2012
ad
sc

Amount Due 5214.09 if paid after 09/19/2012

Parts:	3403.60	Freight:	.00	Tax:	225.67	AR	4431.98
Labor:	.00	Misc:	.00	Total:	4431.98		
Sublt:	-742.29	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

TICKET NUMBER 37102
LOCATION Oakley KS
FOREMAN Miles Shaw

PO Box 884, Chanute, KS 66720
620-431-9210 or 800-467-8676

FIELD TICKET & TREATMENT REPORT
CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
8-17-12	4793	Cook trust # 1-1	1	13S	32W	Logan
CUSTOMER <u>Lario Oil & Gas</u>			TRUCK #			
MAILING ADDRESS			DRIVER		TRUCK #	
CITY			DRIVER		TRUCK #	
STATE			DRIVER		TRUCK #	
ZIP CODE			DRIVER		TRUCK #	

JOB TYPE Surge HOLE SIZE 12 1/4 HOLE DEPTH 255' CASING SIZE & WEIGHT 8 5/8 28#
CASING DEPTH 254.32 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT 15.2 SLURRY VOL 1.24 WATER gal/sk _____ CEMENT LEFT In CASING 20'
DISPLACEMENT 15 bbls DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting and rig upon WW drilling #2 Circulate casing. Mix 165 S/S Common Class "A" cement with 3% Calcium and 2% gel displaced 15 bbls Water shut in Cement did

Thanks Miles & Crew

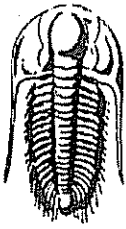
ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5405	1	PUMP CHARGE	1085. ⁰⁰	1085. ⁰⁰
5406	10	MILEAGE	5. ⁰⁰	50. ⁰⁰
5407	7.76	Ton material delivery	410. ⁰⁰	410. ⁰⁰
1104S	165 S/S	Common Class "A" cement	17.65	2912.25
1102	465 #	Calcium Chloride	.89	413.85
1118B	310 #	Bentonite gel	.25	77.50
			Subtotal	4949.60
			less 15% discount	742.29
			Subtotal	4206.31
			SALES TAX	225.67
			ESTIMATED TOTAL	4431.98

Flavin 3737

AUTHORIZATION [Signature] TITLE Driller 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.

252158



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company
301 S Market
Wichita, Ks 67202-3805

ATTN: Mac Armstrong

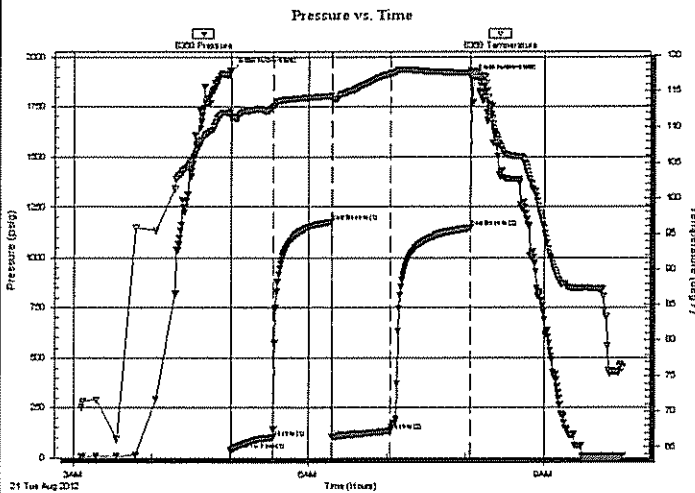
1-13s-32w Logan, Ks
Cook Trust #1-1
Job Ticket: 48287 DST#: 1
Test Start: 2012.08.21 @ 03:06:10

GENERAL INFORMATION:

Formation: **A**
Deviated: **No** Whipstock: **0.00 ft (KB)**
Time Tool Opened: **05:00:40**
Time Test Ended: **10:15:25**
Test Type: **Conventional Bottom Hole (Initial)**
Tester: **Shane McBride**
Unit No: **55**
Interval: **3925.00 ft (KB) To 3985.00 ft (KB) (TVD)**
Reference Elevations: **2957.00 ft (KB)**
Total Depth: **3985.00 ft (KB) (TVD)**
2952.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Fair**
KB to GR/CF: **5.00 ft**

Serial #: 8368 **Inside**
Press@RunDepth: **134.96 psig @ 3926.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.08.21** End Date: **2012.08.21** Last Calib.: **2012.08.21**
Start Time: **03:06:10** End Time: **09:59:25** Time On Blrm: **2012.08.21 @ 05:00:25**
Time Off Blrm: **2012.08.21 @ 08:04:10**

TEST COMMENT: 5 1/2" blow
No return
5 1/2" blow
No return



PRESSURE SUMMARY

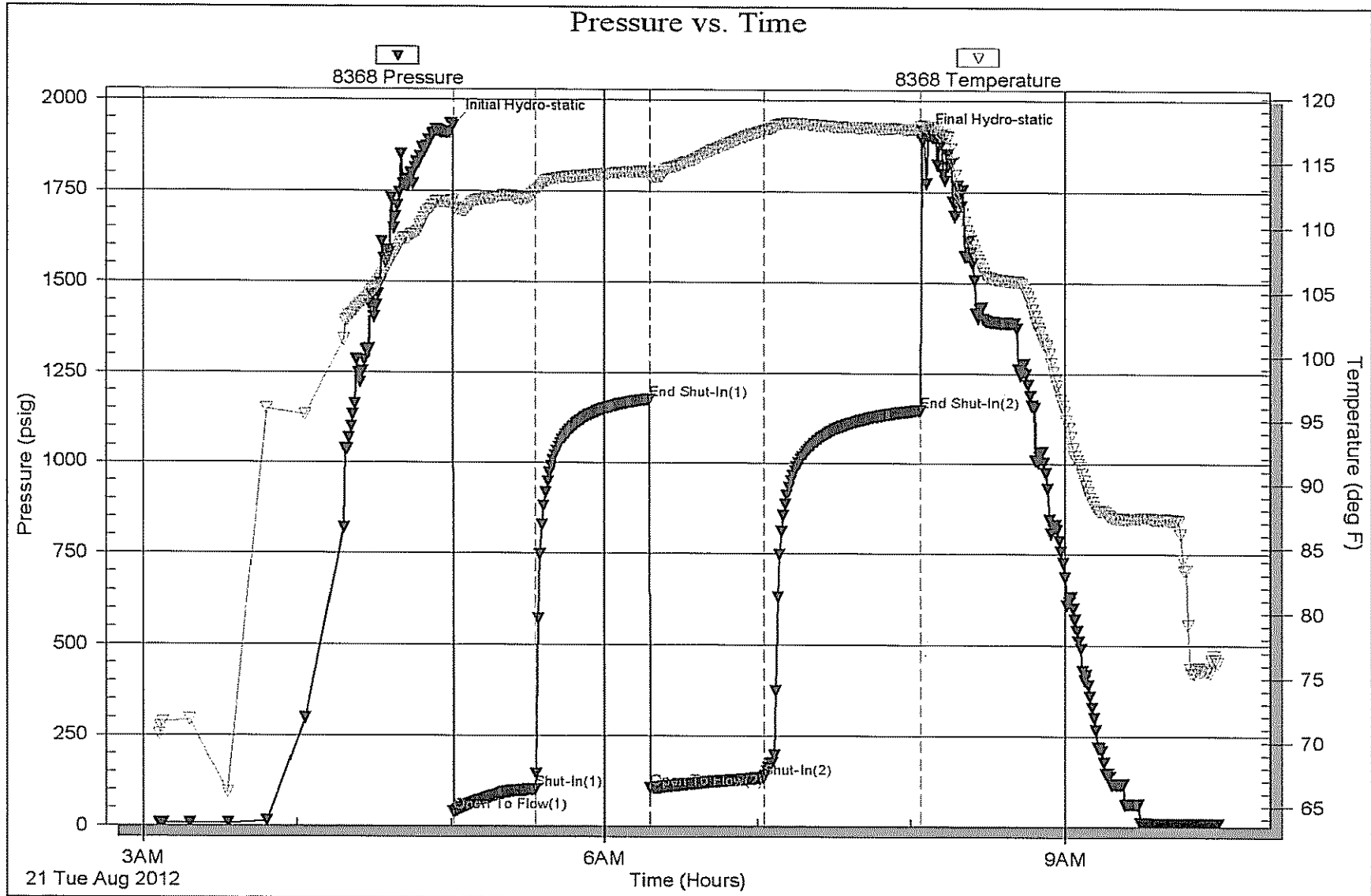
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1928.02	111.99	Initial Hydro-static
1	37.97	111.30	Open To Flow (1)
33	101.53	112.73	Shut-In(1)
77	1176.52	114.28	End Shut-In(1)
78	104.61	113.76	Open To Flow (2)
123	134.96	117.45	Shut-In(2)
183	1146.93	117.56	End Shut-In(2)
184	1893.02	117.81	Final Hydro-static

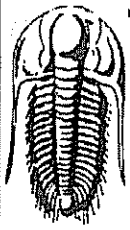
Recovery

Length (ft)	Description	Volume (bbl)
120.00	w c m w/oil spots 50%w 50%m	0.59
105.00	s w c m w/oil spots 20%w 80%m	1.45

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)





**TRIOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

301 S Market
Wichita, Ks 67202-3805

ATTN: Mac Armstrong

1-13s-32w Logan, Ks

Cook Trust #1-1

Job Ticket: 48288

DST#: 2

Test Start: 2012.08.22 @ 05:30:18

GENERAL INFORMATION:

Formation: H-I
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 07:20:18
Time Test Ended: 14:10:18

Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55

Interval: 4114.00 ft (KB) To 4180.00 ft (KB) (TVD)
Total Depth: 4180.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2957.00 ft (KB)
2952.00 ft (CF)
KB to GRVCF: 5.00 ft

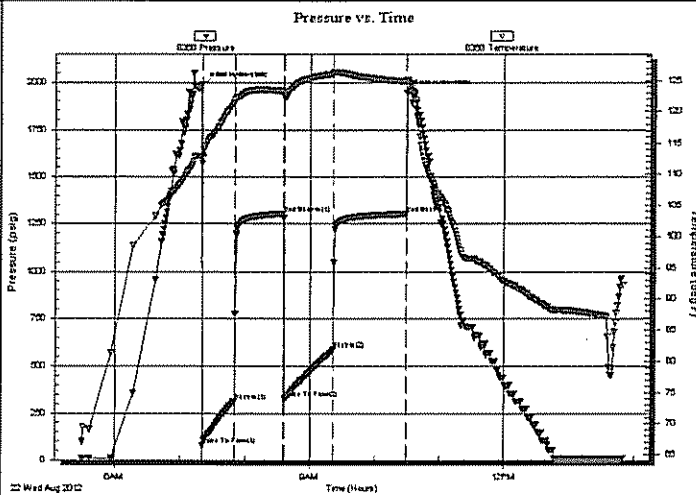
Serial #: 8368

Inside

Press@RunDepth: 585.74 psig @ 4115.00 ft (KB)
Start Date: 2012.08.22 End Date: 2012.08.22
Start Time: 05:30:18 End Time: 13:50:18

Capacity: 8000.00 psig
Last Calib.: 2012.08.22
Time On Btm: 2012.08.22 @ 07:20:03
Time Off Btm: 2012.08.22 @ 10:29:48

TEST COMMENT: B.O.B. in 3 min.
Return blow built to B.O.B. in 14 min.
B.O.B. @ open
Return to B.O.B. in 9 min.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1984.22	113.05	Initial Hydro-static
1	77.89	111.76	Open To Flow (1)
31	314.58	121.44	Shut-In(1)
76	1303.72	123.23	End Shut-In(1)
77	327.36	122.49	Open To Flow (2)
122	585.74	126.07	Shut-In(2)
190	1302.71	124.80	End Shut-In(2)
190	1943.90	125.01	Final Hydro-static

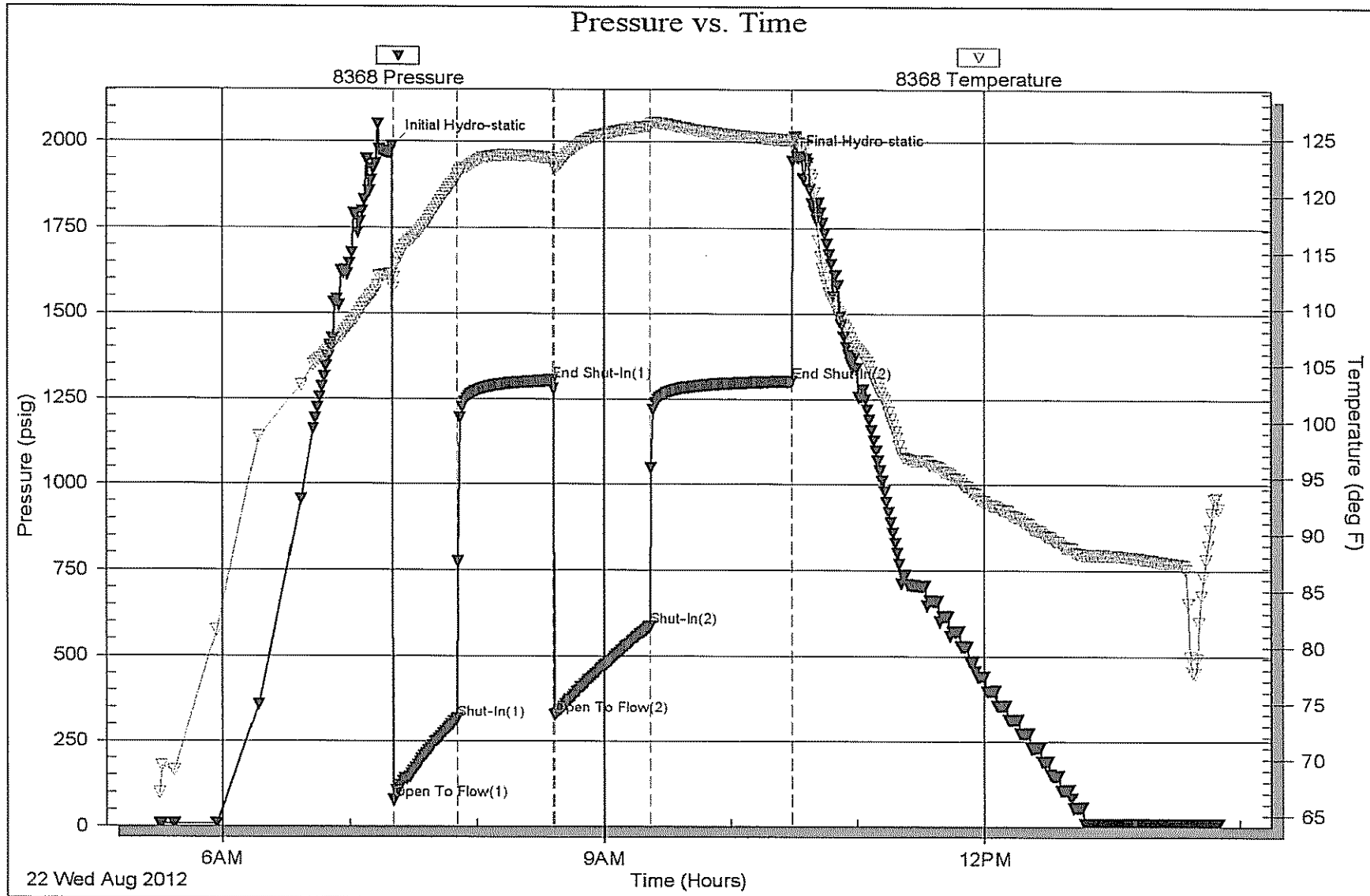
Recovery

Length (ft)	Description	Volume (bbl)
180.00	s m c w w/oil scum 15% m 85% w	1.40
120.00	s w & m c g o 10% w 10% m 30% g 50% o	1.68
1125.00	c g o 30% g 70% o	15.78
0.00	1335' gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Larlo Oil & Gas Company

1-13s-32w Logan, Ks

301 S Market
Wichita, Ks
67202-3805

Cook Trust #1-1

Job Ticket: 48289

DST#: 3

ATTN: Mac Armstrong

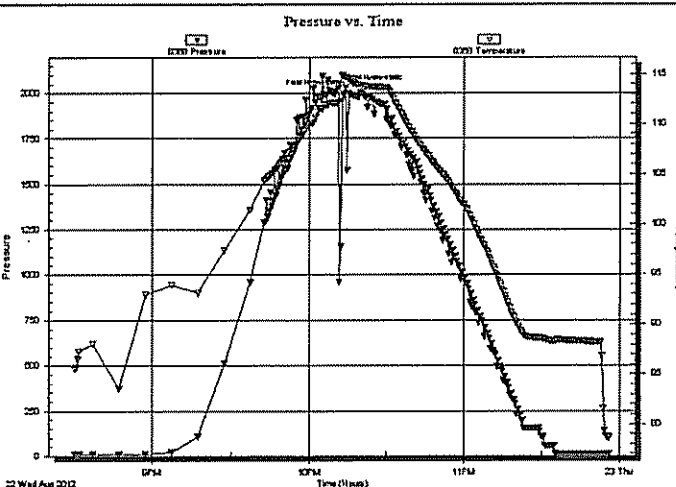
Test Start: 2012.08.22 @ 20:30:46

GENERAL INFORMATION:

Formation: J
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 22:11:00
 Time Test Ended: 23:56:01
 Interval: 4183.00 ft (KB) To 4210.00 ft (KB) (TVD)
 Total Depth: 4210.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2957.00 ft (KB)
 2952.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8368 Inside
 Press@RunDepth: psig @ 4184.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.22 End Date: 2012.08.22 Last Calib.: 2012.08.23
 Start Time: 20:30:46 End Time: 23:56:01 Time On Btm: 2012.08.22 @ 22:11:16
 Time Off Btm: 2012.08.22 @ 22:15:16

TEST COMMENT: Packers failed @ open , reset failed again , pull tool



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2026.46	112.16	Initial Hydro-static
4	2002.57	114.50	Final Hydro-static

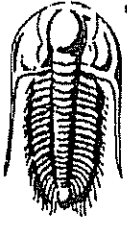
Recovery

Length (ft)	Description	Volume (bbl)
240.00	mud 100% m	2.25

* Recovery from multiple tests

Gas Rates

Choke (Inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company
301 S Market
Wichita, Ks
67202-3805
ATTN: Mac Armstrong

1-13s-32w Logan, Ks
Cook Trust #1-1
Job Ticket: 48289 DST#: 3
Test Start: 2012.08.22 @ 20:30:46

Mud and Cushion Information

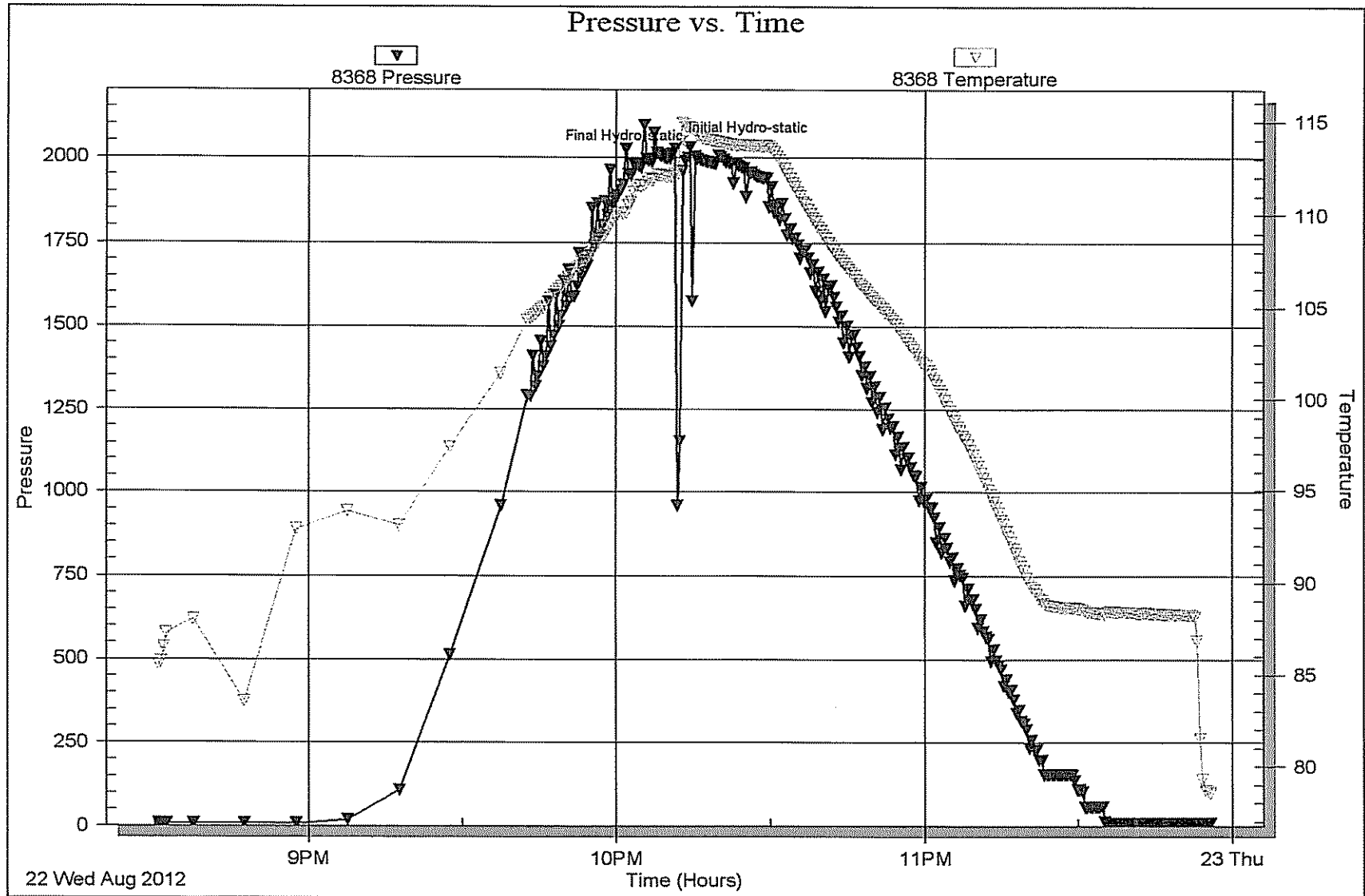
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 53.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.57 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1500.00 ppm			
Filter Cake: 1.00 inches			

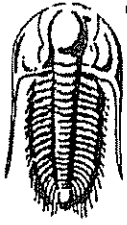
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
240.00	mud 100%m	2.246

Total Length: 240.00 ft Total Volume: 2.246 bbl
 Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:
 Laboratory Name: Laboratory Location:
 Recovery Comments:





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company
 301 S Market
 Wichita, Ks
 67202-3805
 ATTN: Mac Armstrong

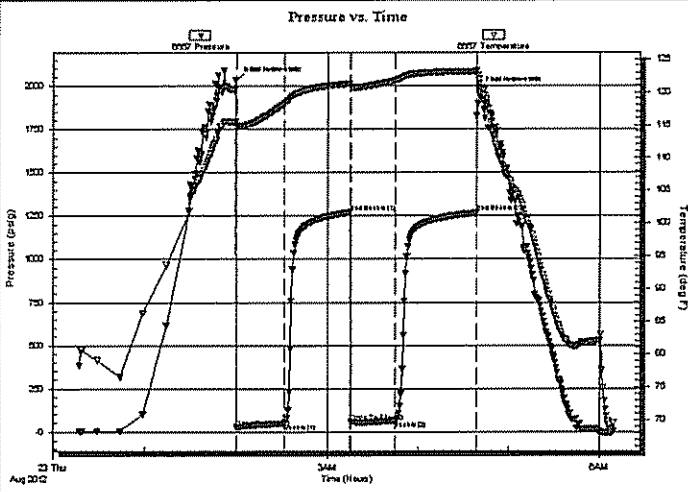
1-13s-32w Logan, Ks
Cook Trust #1-1
 Job Ticket: 48290 DST#: 4
 Test Start: 2012.08.23 @ 00:17:16

GENERAL INFORMATION:

Formation: J
 Deviated: No Whipstock: 0.00 ft (KB)
 Time Tool Opened: 02:00:16
 Time Test Ended: 06:25:16
 Interval: 4176.00 ft (KB) To 4210.00 ft (KB) (TVD)
 Total Depth: 4210.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Fair
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Shane McBride
 Unit No: 55
 Reference Elevations: 2957.00 ft (KB)
 2952.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6667 Outside
 Press@RunDepth: 64.85 psig @ 4177.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.08.23 End Date: 2012.08.23 Last Calib.: 2012.08.23
 Start Time: 00:17:16 End Time: 06:09:16 Time On Btm: 2012.08.23 @ 02:00:01
 Time Off Btm: 2012.08.23 @ 04:40:01

TEST COMMENT: 1/4" in blow died in 28 min
 No return
 Weak surface blow died in 14 min
 No return



PRESSURE SUMMARY			
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2033.40	115.44	Initial Hydro-static
1	26.06	114.97	Open To Flow (1)
32	48.69	118.23	Shut-In(1)
75	1270.79	121.23	End Shut-In(1)
76	57.36	120.82	Open To Flow (2)
105	64.85	121.73	Shut-In(2)
159	1266.24	123.09	End Shut-In(2)
160	1976.33	121.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
40.00	mud 100% m	0.20

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

1-13s-32w Logan, Ks

301 S Market
Wichita, Ks
67202-3805

Cook Trust #1-1

Job Ticket: 48290

DST#: 4

ATTN: Mac Armstrong

Test Start: 2012.08.23 @ 00:17:16

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 54.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.20 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 2000.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
40.00	mud 100%m	0.197

Total Length: 40.00 ft Total Volume: 0.197 bbl

Num Fluid Samples: 0

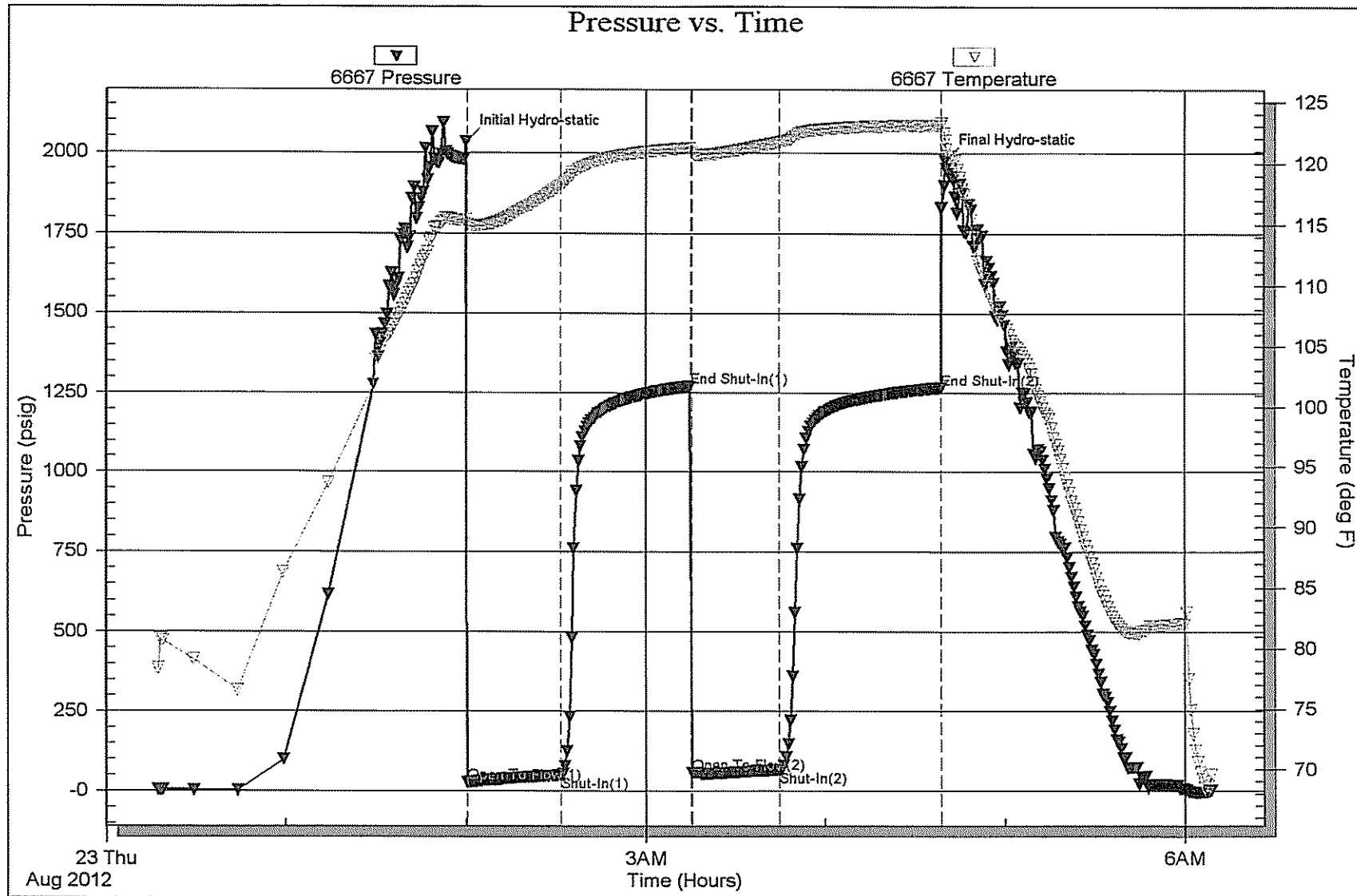
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

1-13s-32w Logan, Ks

301 S Market
Wichita, Ks
67202-3805
ATTN: Mac Armstrong

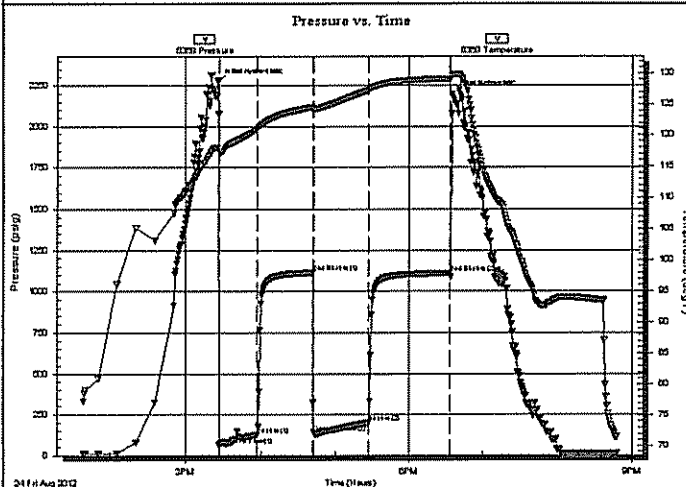
Cook Trust #1-1
Job Ticket: 48291 DST#: 5
Test Start: 2012.08.24 @ 13:38:46

GENERAL INFORMATION:

Formation: **Johnson**
Deviated: No Whipstock: 0.00 ft (KB)
Time Tool Opened: 15:26:46
Time Test Ended: 21:05:01
Test Type: Conventional Bottom Hole (Reset)
Tester: Shane McBride
Unit No: 55
Interval: 4502.00 ft (KB) To 4548.00 ft (KB) (TVD)
Total Depth: 4548.00 ft (KB) (TVD)
Reference Elevations: 2957.00 ft (KB)
2952.00 ft (CF)
Hole Diameter: 7.88 inches Hole Condition: Fair
KB to GR/CF: 5.00 ft

Serial #: 8368 Inside
Press@RunDepth: 199.95 psig @ 4503.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.08.24 End Date: 2012.08.24 Last Calib.: 1899.12.30
Start Time: 13:38:46 End Time: 20:48:01 Time On Btm: 2012.08.24 @ 15:26:16
Time Off Btm: 2012.08.24 @ 18:35:31

TEST COMMENT: B.O.B. in 7 min.
1/2" in return blow
B.O.B. in 7 1/2 min
9" in return blow



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2273.52	117.98	Initial Hydro-static
1	59.51	117.21	Open To Flow (1)
32	124.84	121.05	Shut-In(1)
76	1113.80	124.50	End Shut-In(1)
77	138.86	124.16	Open To Flow (2)
121	199.95	127.29	Shut-In(2)
188	1111.39	129.13	End Shut-In(2)
190	2200.64	129.78	Final Hydro-static

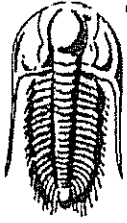
Recovery

Length (ft)	Description	Volume (bbl)
120.00	m c g o 20%g 35%o 45%m	0.59
60.00	s m c g o 15%m 20%g 65%o	0.81
250.00	c g o 20%g 80%o	3.51
0.00	1550' gas in pipe	0.00

* Recovery from multiple tests

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company
301 S Market
Wichita, Ks
67202-3805
ATTN: Mac Armstrong

1-13s-32w Logan, Ks
Cook Trust #1-1
Job Ticket: 48291 DST#: 5
Test Start: 2012.08.24 @ 13:38:46

Mud and Cushion Information

Mud Type: Gel Chem	Cushion Type:	Oil API: 27 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity: 0 ppm
Viscosity: 67.00 sec/qt	Cushion Volume: bbl	
Water Loss: 9.56 in ³	Gas Cushion Type:	
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig	
Salinity: 3400.00 ppm		
Filter Cake: 1.00 inches		

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	m c g o 20%g 35%o 45%m	0.590
60.00	s m c g o 15%m 20%g 65%o	0.814
250.00	c g o 20%g 80%o	3.507
0.00	1550' gas in pipe	0.000

Total Length: 430.00 ft Total Volume: 4.911 bbl

Num Fluid Samples: 0 Num Gas Bombs: 0 Serial #:

Laboratory Name: Laboratory Location:

Recovery Comments:

