



Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION 1071233
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
-----------------------------------	-----------------	---

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: _____

1071233

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> <input type="checkbox"/> Other <i>(Specify)</i> _____	PRODUCTION INTERVAL: _____ _____
--	--	---

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	Rose 4-14
Doc ID	1071233

Tops

Name	Top	Datum
Heebner	3769	-970
Lansing	3806	-1007
Stark Sh	4052	-1253
Hushpuckney	4088	-1289
Base KC	4132	-1333
Marmaton	4188	-1389
Pawnee	4260	-1461
Ft. Scott	4290	-1491
Cherokee Sh	4309	-1510
Johnson	4384	-1585
Morrow	4410	-1611
Basal Penn Sst	4420	-1621
Mississippian	4440	-1641

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



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Mark Sievers, Chairman
Ward Loyd, Commissioner
Thomas E. Wright, Commissioner

Sam Brownback, Governor

March 14, 2012

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

Re: ACO1
API 15-109-21049-00-00
Rose 4-14
NW/4 Sec.14-14S-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



INVOICE

PO Box 31
Russell, KS 67665

Invoice Number: 129805
Invoice Date: Jan 3, 2012
Page: 1

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

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

Federal Tax I.D.#: 20-5975804
Drilling AFE 11-340
1-17-12 LK

Customer ID	Well Name# or Customer P.O.	Payment Terms	
Lario	<u>Rose #4-14</u>	Net 30 Days	
Job Location	Camp Location	Service Date	Due Date
KS1-01	Oakley	Jan 3, 2012	2/2/12

Quantity	Item	Description	Unit Price	Amount
150.00	MAT	Class A Common	16.25	2,437.50
3.00	MAT	Gel	21.25	63.75
5.00	MAT	Chloride	58.20	291.00
158.00	SER	Handling	2.25	355.50
20.00	SER	Mileage 158 sx @.11	17.38	347.60
1.00	SER	Surface	1,125.00	1,125.00
20.00	SER	Pump Truck Mileage	7.00	140.00
1.00	SER	Manifold & Head Renal	200.00	200.00
20.00	SER	Light Vehicle Mileage	4.00	80.00
1.00	EQP	8.5/8 Wooden Plug	92.00	92.00
1.00	CEMENTER	Alan Ryan		
1.00	CEMENTER	Terry Heinrich		
1.00	OPER ASSIST	Dane Retzloff		

xe
PK
JAN 13 2012
RE

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

\$ **1174.43**

ONLY IF PAID ON OR BEFORE
Jan 28, 2012

Subtotal	5,132.35
Sales Tax	210.55
Total Invoice Amount	5,342.90
Payment/Credit Applied	
TOTAL	5,342.90

ALLIED CEMENTING CO., LLC. 036063

Federal Tax I.D.# 20-5975804

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

SERVICE POINT:

Dakky

DATE <u>11/3/12</u>	SEC. <u>14</u>	TWP. <u>14</u>	RANGE <u>32</u>	CALLED OUT	ON LOCATION <u>6:00 PM</u>	JOB START <u>6:45 PM</u>	JOB FINISH <u>7:15 PM</u>
LEASE <u>Rose</u>	WELL # <u>4-14</u>	LOCATION <u>Dakky 19 1/2 S E 0 5 20</u>			COUNTY <u>Logan</u>	STATE <u>Ks</u>	
OLD OR NEW (Circle one)							

CONTRACTOR Unit 4

TYPE OF JOB Surface

HOLE SIZE 12 1/4 T.D. 223

CASING SIZE 8 5/8 DEPTH 223

TUBING SIZE DEPTH

DRILL PIPE DEPTH

TOOL DEPTH

PRES. MAX MINIMUM

MEAS. LINE SHOE JOINT

CEMENT LEFT IN CSG. 15'

PERFS.

DISPLACEMENT 13 and 496

OWNER Sum

CEMENT AMOUNT ORDERED 150 Com 290cc

207 cc

COMMON	<u>150</u>	@ <u>16.25</u>	<u>2437.50</u>
POZMIX		@	
GEL	<u>3</u>	@ <u>21.25</u>	<u>63.75</u>
CHLORIDE	<u>5</u>	@ <u>58.00</u>	<u>291.00</u>
ASC		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
		@	
HANDLING	<u>150</u>	@ <u>2.25</u>	<u>337.50</u>
MILEAGE	<u>14</u>	@ <u>51.4/mile</u>	<u>719.60</u>
TOTAL			<u>3494.85</u>

EQUIPMENT

PUMP TRUCK CEMENTER Alan

422 HELPER Tony

BULK TRUCK

404 DRIVER Jane

BULK TRUCK

DRIVER

REMARKS:

Rose Co., Circulata, Mix Cement

Deep 1/2 Cement

Cement Drill Circulata

7 Bulk Tank

Alan, Tony, Jane

CHARGE TO: Lario Oil & Gas

STREET

CITY STATE ZIP

SERVICE

DEPTH OF JOB 223'

PUMP TRUCK CHARGE 1125.00

EXTRA FOOTAGE @

MILEAGE 20 @ 5.00 140.00

MANIFOLD Hand @ 2.00 200.00

Lite Vehicle 20 @ 4.00 80.00

TOTAL 1545.00

PLUG & FLOAT EQUIPMENT

2 5/8 Wood Plug @ 92.00

TOTAL 92.00

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

PRINTED NAME Rich Wheeler

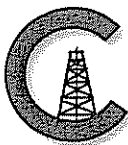
SIGNATURE Rich Wheeler

SALES TAX (If Any)

TOTAL CHARGES

DISCOUNT IF PAID IN 30 DAYS

Bid



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 # 247166

Invoice Date: 01/19/2012 Terms: 15/15/30,n/30 Page 1

LARIO OIL & GAS
P.O. BOX 1093
GARDEN CITY KS 67846
(316)265-5611

ROSE 4-14
33814
14-14-32
1-14-2012
KS

drilling AFE 11-340
12-3-2012 LK

Part Number	Description	Qty	Unit Price	Total
1126	OIL WELL CEMENT	130.00	21.4800	2792.40
1131	60/40 POZ MIX	520.00	14.3500	7462.00
1110A	KOL SEAL (50# BAG)	650.00	.5300	344.50
1118B	PREMIUM GEL / BENTONITE	3578.00	.2400	858.72
1107	FLO-SEAL (25#)	130.00	2.6600	345.80
1144G	MUD FLUSH (SALE)	500.00	1.0000	500.00
4157	FLOAT SHOE 5 1/2" 8 RD	1.00	413.0000	413.00
4454	5 1/2" LATCH DOWN PLUG	1.00	567.0000	567.00
4283	DV TOOL W/ LATCH DOWN	1.00	4700.0000	4700.00
4104	CEMENT BASKET 5 1/2"	1.00	276.0000	276.00
4130	CENTRALIZER 5 1/2"	9.00	58.0000	522.00

Sublet Performed	Description	Total
9999-130	CASH DISCOUNT	-2817.21
9999-130	CASH DISCOUNT	-502.54

Description	Hours	Unit Price	Total
439 EQUIPMENT MILEAGE (ONE WAY)	10.00	5.00	50.00
463 SINGLE PUMP	1.00	2850.00	2850.00
466 TON MILEAGE DELIVERY	285.00	1.58	450.30

ACP
al xc
al xc
JAN 24 2012

Amount Due 23596.68 if paid after 02/18/2012

Parts:	18781.42	Freight:	.00	Tax:	1245.22	AR	20057.19
Labor:	.00	Misc:	.00	Total:	20057.19		
Sublt:	-3319.75	Supplies:	.00	Change:	.00		

Signed _____ Date _____



CONSOLIDATED
Oil Well Services, LLC

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

ENTERED
AFE 11 1340

FIELD TICKET & TREATMENT REPORT

TICKET NUMBER 33814
LOCATION Oakley
FOREMAN Fuzzy
miles 5

CEMENT

KS

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
1-14-12	4793	Rose 4-14	14	14	32	Logan
CUSTOMER Lario Oil & Gas			DAKOTA			
MAILING ADDRESS PO Box 1093			TRUCK #	DRIVER	TRUCK #	DRIVER
CITY Garden City			463	Josh G		
STATE KS			439	Corey D		
ZIP CODE 67846			466	Wes F		

JOB TYPE 2-stage HOLE SIZE 7 7/8 HOLE DEPTH 4530' CASING SIZE & WEIGHT 5 1/2 14#
CASING DEPTH 4533' DRILL PIPE _____ TUBING _____ OTHER DU @ 2272'
SLURRY WEIGHT 13.8-12.5 SLURRY VOL 42-1.9 WATER gal/sk 6.9-1.8 CEMENT LEFT in CASING 21⁰⁰
DISPLACEMENT 110.4 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety meeting on Duke #4 float equip & Risopaculate Pump SBL water, serial mud flush, SBL water, mix 130SKS OWC w/ 4 Kolsal, wash pump and lines. Drop plug and displace 54 1/2 BBL water, 55 1/2 BBL mud 600# lit land plug @ 1500#. Drop DU Bomb wait 10 min open tool @ 1000#. Circ 3 hrs. Pump SBL water, mix 30SKS in RH, mix 490SKS 60/40 & 90gal 114# floccal down 5 1/2 csg. ~~Drop plug~~ wash pump & lines. Drop plug and displace 56 BBLs. Lit & press 700# land plug and close tool @ 1700# cement did circulate approx 25 BBL to pit.

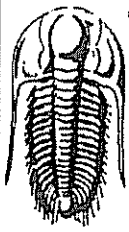
Thanks Fuzzy & Crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	2850.00	2850.00
5406	10	MILEAGE	5.00	50.00
5407A	23.5 hrs	Tow mileage Delivery	19.80	450.30
1126	130 SKS	OWC	21.48	2792.40
1131	520 SKS	60/40 Pos	14.35	7462.00
1110A	650#	Kol-Seal	.53	344.50
1118B	3578#	Bentonite	.24	858.72
1107	130#	Flo-seal	2.66	345.80
1144G	500 gal	Mud Flush	1.00	500.00
4157	1	5 1/2" AFU Float Shoe	413.00	413.00
4454	1	5 1/2" Latchdown Assy	567.00	567.00
4283	1	5 1/2" DU tool	4700.00	4700.00
4104	1	5 1/2" Basket	276.00	276.00
4130	9	5 1/2" Centralizers	58.00	522.00
			subtotal	22131.22
			less 159.00 disc	3319.22
				18811.97
			SALES TAX	1245.22
			ESTIMATED TOTAL	20057.19

Ravin 3737

AUTHORIZATION Lang Kahl TITLE Superintendent 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.



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44403

DST#: 1

ATTN: Brad Rine

Test Start: 2012.01.08 @ 02:55:00

GENERAL INFORMATION:

Formation: LKC- G

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:54:30

Time Test Ended: 09:43:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Bradley Walter

Unit No: 40

Interval: 3907.00 ft (KB) To 3954.00 ft (KB) (TVD)

Total Depth: 3954.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2799.00 ft (KB)

2790.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8652

Inside

Press@RunDepth: 81.30 psig @ 3908.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.08

End Date:

2012.01.08

Last Calib.: 2012.01.08

Start Time: 02:55:05

End Time:

09:43:14

Time On Blmt: 2012.01.08 @ 04:54:15

Time Off Blmt: 2012.01.08 @ 07:52:30

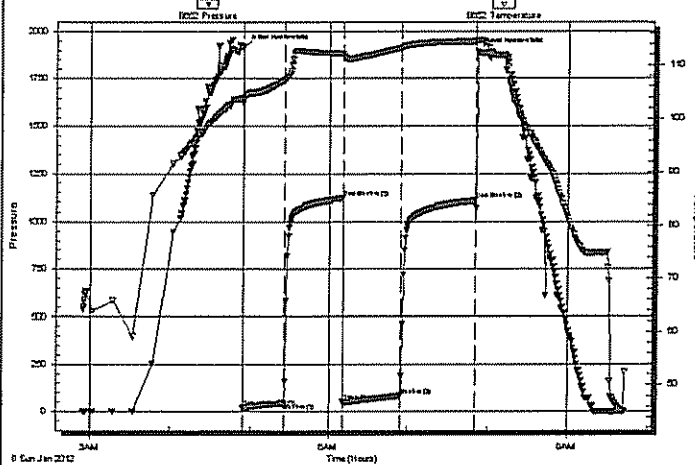
TEST COMMENT: IF: 1 inch blow.

IS: No return.

FF: 3/4 inch blow.

FS: No return.

Pressure vs. Time



PRESSURE SUMMARY

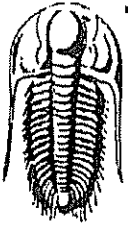
Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1914.25	103.99	Initial Hydro-static
1	20.23	102.96	Open To Flow (1)
32	44.48	107.11	Shut-In(1)
77	1120.65	112.20	End Shut-In(1)
77	48.39	111.71	Open To Flow (2)
121	81.30	113.23	Shut-In(2)
177	1109.83	114.47	End Shut-In(2)
179	1892.78	114.74	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
70.00	mcw 10m 90w (oil spots)	0.70

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44403

DST#: 1

ATTN: Brad Rine

Test Start: 2012.01.08 @ 02:55:00

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:

22000 ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
70.00	mcw 10m 90w (oil spots)	0.696

Total Length: 70.00 ft Total Volume: 0.696 bbl

Num Fluid Samples: 0

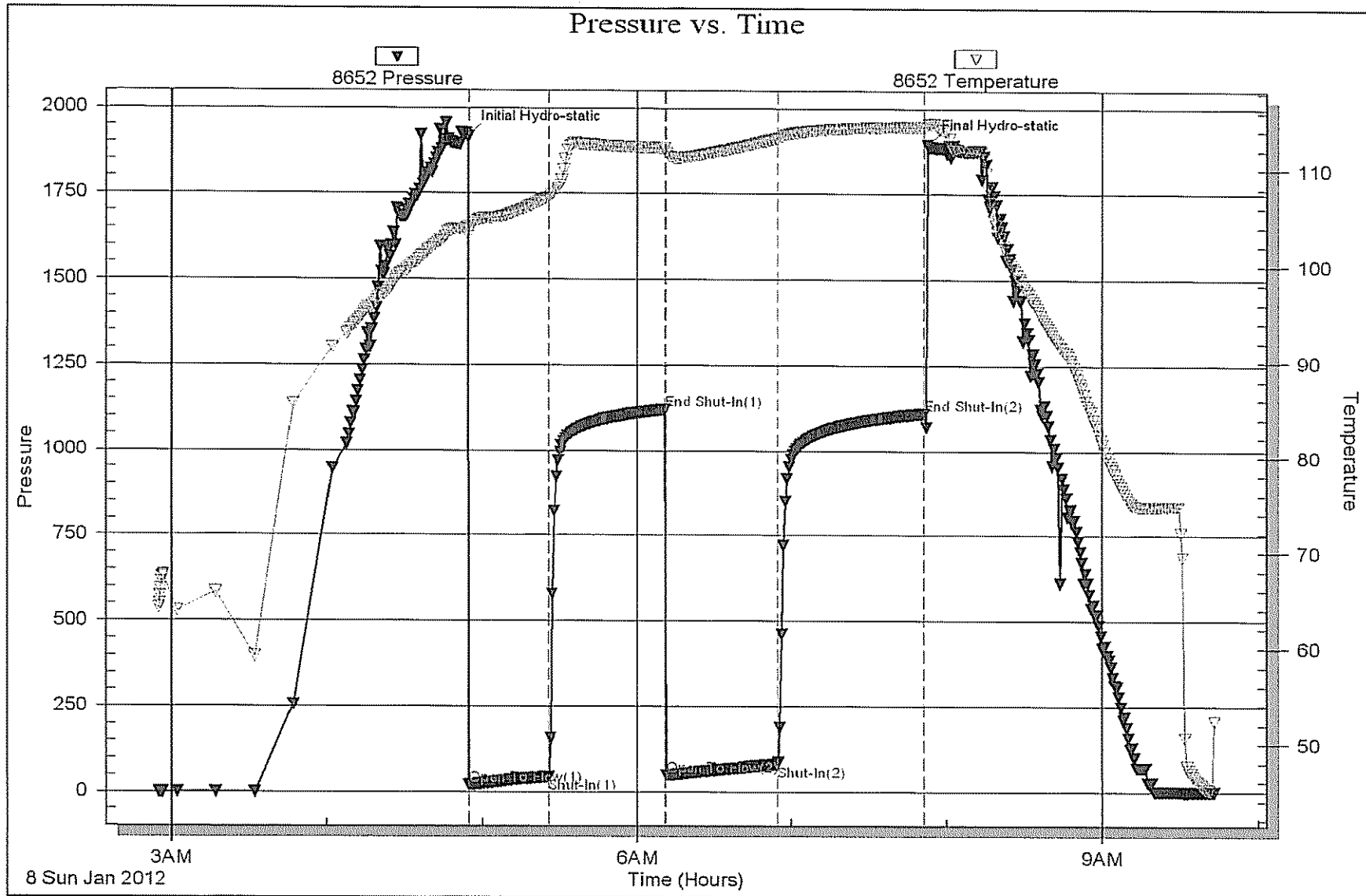
Num Gas Bombs: 0

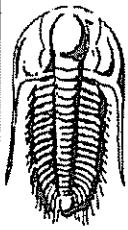
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .38 @ 59 = 22000ppm





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44404

DST#: 2

ATTN: Brad Rine

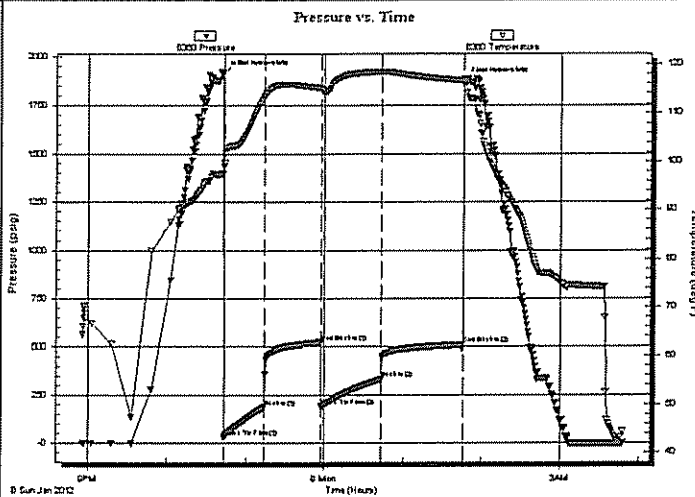
Test Start: 2012.01.08 @ 20:56:00

GENERAL INFORMATION:

Formation: LKC- H
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 22:43:30
 Time Test Ended: 03:47:30
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Bradley Walter
 Unit No: 40
 Interval: 3951.00 ft (KB) To 3993.00 ft (KB) (TVD)
 Reference Elevations: 2799.00 ft (KB)
 Total Depth: 3993.00 ft (KB) (TVD)
 2790.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Good
 KB to GR/CF: 9.00 ft

Serial #: 8360 Outside
 Press@RunDepth: 334.29 psig @ 3952.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2012.01.08 End Date: 2012.01.09 Last Calib.: 2012.01.09
 Start Time: 20:56:05 End Time: 03:47:29 Time On Btrt: 2012.01.08 @ 22:43:00
 Time Off Btrt: 2012.01.09 @ 01:46:15

TEST COMMENT: IF: BOB @ 11 min.
 IS: No return.
 FF: BOB @ 18 min.
 FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1913.16	97.51	Initial Hydro-static
1	30.96	98.98	Open To Flow (1)
32	188.09	113.30	Shut-In(1)
75	523.26	115.05	End Shut-In(1)
75	192.73	114.82	Open To Flow (2)
121	334.29	118.46	Shut-In(2)
183	509.63	116.58	End Shut-In(2)
184	1872.93	116.81	Final Hydro-static

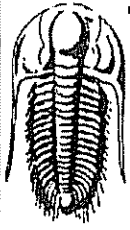
Recovery

Length (ft)	Description	Volume (bbl)
700.00	mcw 5m 95w (oil spots in tool)	6.96

* 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 Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44404

DST#: 2

ATTN: Brad Rine

Test Start: 2012.01.08 @ 20:56:00

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:

72000 ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
700.00	mcw 5m 95w (oil spots in tool)	6.963

Total Length: 700.00 ft Total Volume: 6.963 bbf

Num Fluid Samples: 0

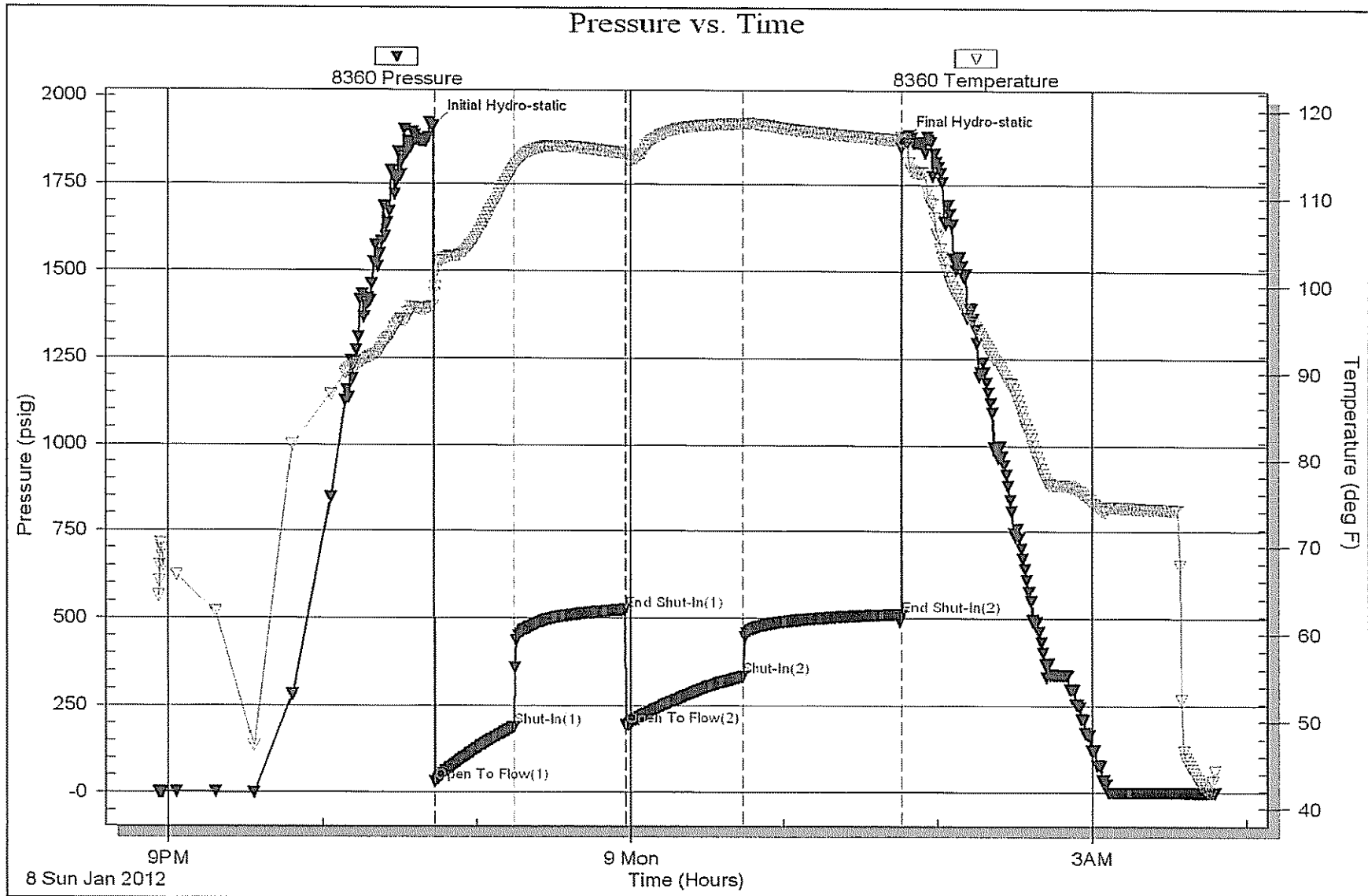
Num Gas Bombs: 0

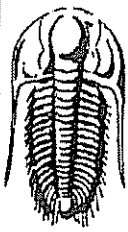
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .13 @ 60f = 72000





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44405

DST#: 3

ATTN: Brad Rine

Test Start: 2012.01.09 @ 12:40:00

GENERAL INFORMATION:

Formation: LKC - I

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:33:15

Time Test Ended: 18:36:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: 3992.00 ft (KB) To 4005.00 ft (KB) (TVD)

Total Depth: 4025.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2799.00 ft (KB)

2790.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8652

Inside

Press@RunDepth: 23.76 psig @ 3993.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.09

End Date:

2012.01.09

Last Calib.: 2012.01.09

Start Time: 12:40:05

End Time:

18:36:14

Time On Btm: 2012.01.09 @ 14:33:00

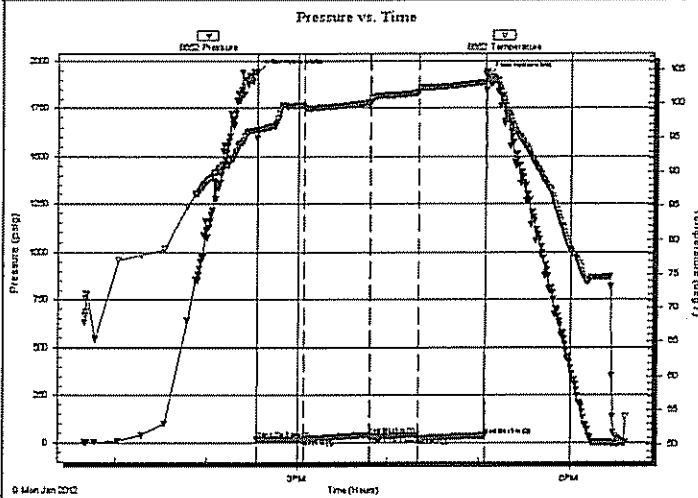
Time Off Btm: 2012.01.09 @ 17:05:00

TEST COMMENT: IF: Surface blow, died @ 25 minutes.

IS: No return.

FF: No blow.

FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1940.49	96.19	Initial Hydro-static
1	19.84	94.92	Open To Flow (1)
31	21.69	99.47	Shut-In(1)
76	42.04	100.09	End Shut-In(1)
76	31.08	100.20	Open To Flow (2)
108	23.76	101.75	Shut-In(2)
151	37.58	103.15	End Shut-In(2)
152	1917.48	104.70	Final Hydro-static

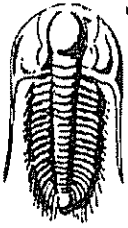
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100m (oil spots)	0.05

* 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 Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44405

DST#: 3

ATTN: Brad Rine

Test Start: 2012.01.09 @ 12:40:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 67.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 2800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

Oil API: 0 deg API
Water Salinity: 0 ppm

Recovery Information

Recovery Table

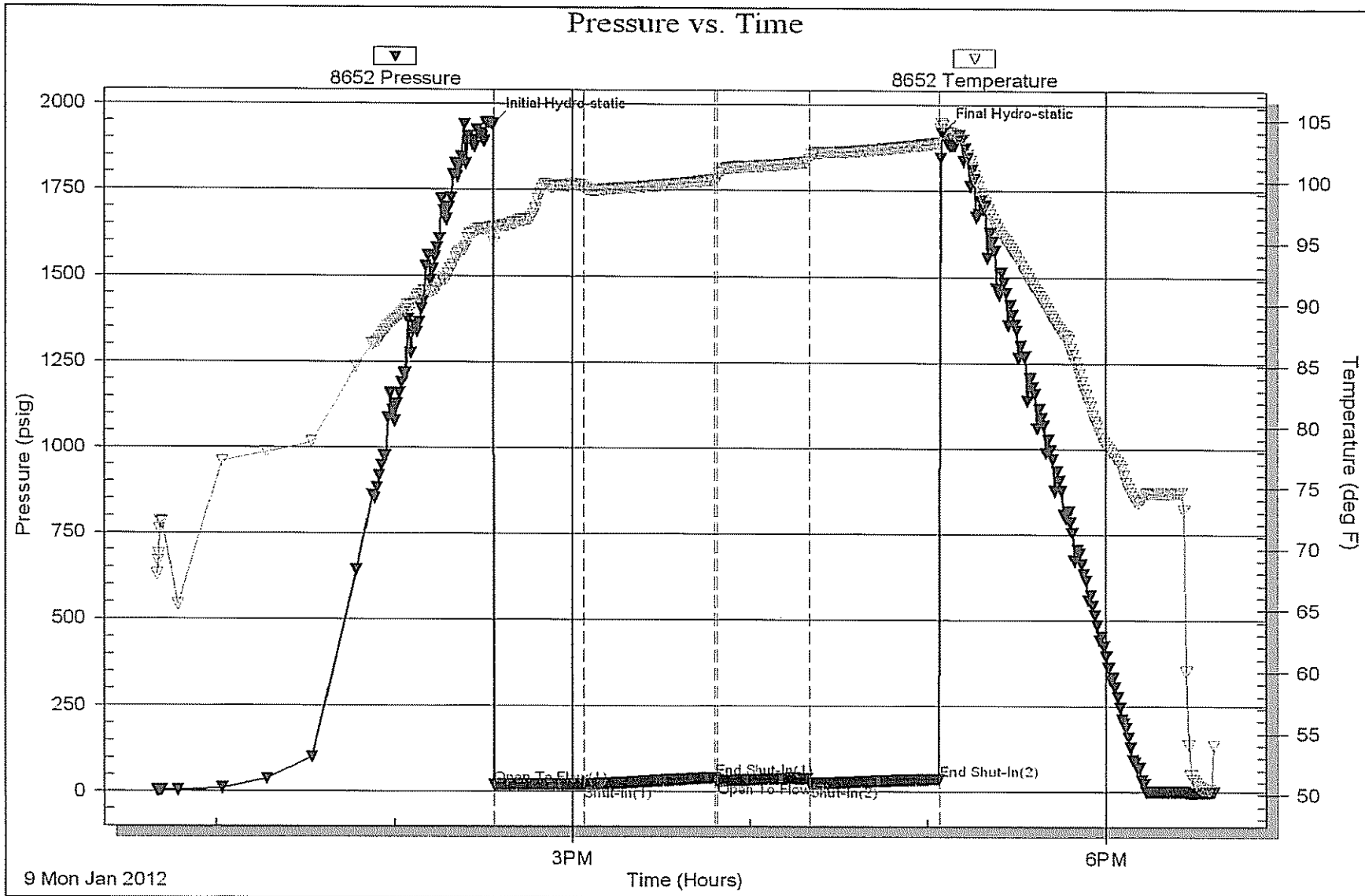
Length ft	Description	Volume bbl
5.00	mud 100m (oil spots)	0.050

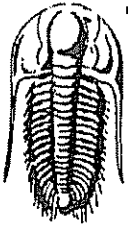
Total Length: 5.00 ft Total Volume: 0.050 bbl

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 Co
301 Market St.
Wichita Ks 67202
ATTN: Brad Rine

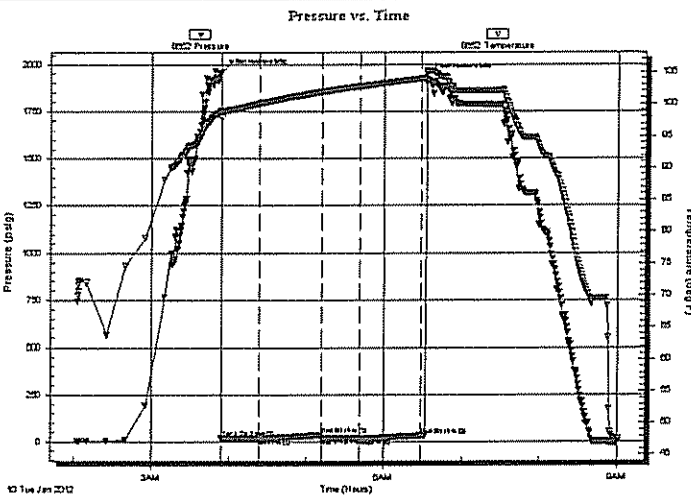
14 14s 32w Logan Ks
Rose 4-14
Job Ticket: 44406 DST#: 4
Test Start: 2012.01.10 @ 02:03:00

GENERAL INFORMATION:

Formation: LKC - J
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 03:54:30
Time Test Ended: 09:00:45
Interval: 4018.00 ft (KB) To 4048.00 ft (KB) (TVD)
Total Depth: 4048.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition: Good
Test Type: Conventional Bottom Hole (Reset)
Tester: Bradley Walter
Unit No: 40
Reference Elevations: 2799.00 ft (KB)
2790.00 ft (CF)
KB to GR/CF: 9.00 ft

Serial #: 8652 Inside
Press@RunDepth: 19.22 psig @ 4019.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2012.01.10 End Date: 2012.01.10 Last Calib.: 2012.01.10
Start Time: 02:03:05 End Time: 09:00:44 Time On Btm: 2012.01.10 @ 03:54:15
Time Off Btm: 2012.01.10 @ 06:33:00

TEST COMMENT: IF: Surface blow, Died @ 27 min.
IS: No return.
FF: Surge at open, no blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1956.88	98.85	Initial Hydro-static
1	19.25	97.76	Open To Flow (1)
30	19.63	100.02	Shut-In(1)
78	35.46	101.86	End Shut-In(1)
78	18.64	101.87	Open To Flow (2)
108	19.22	102.72	Shut-In(2)
155	31.51	103.94	End Shut-In(2)
159	1931.26	105.13	Final Hydro-static

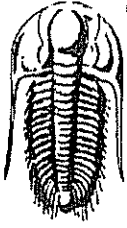
Recovery

Length (ft)	Description	Volume (bbl)
3.00	mud 100m (oil spots)	0.03

* 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 Co
301 Market St.
Wichita Ks 67202
ATTN: Brad Rine

14 14s 32w Logan Ks
Rose 4-14
Job Ticket: 44406 DST#: 4
Test Start: 2012.01.10 @ 02:03:00

Mud and Cushion Information

Mud Type: Gel Chem
Mud Weight: 9.00 lb/gal
Viscosity: 67.00 sec/qt
Water Loss: 7.20 in³
Resistivity: ohm.m
Salinity: 2800.00 ppm
Filter Cake: 1.00 inches

Cushion Type:
Cushion Length: ft
Cushion Volume: bbl
Gas Cushion Type:
Gas Cushion Pressure: psig

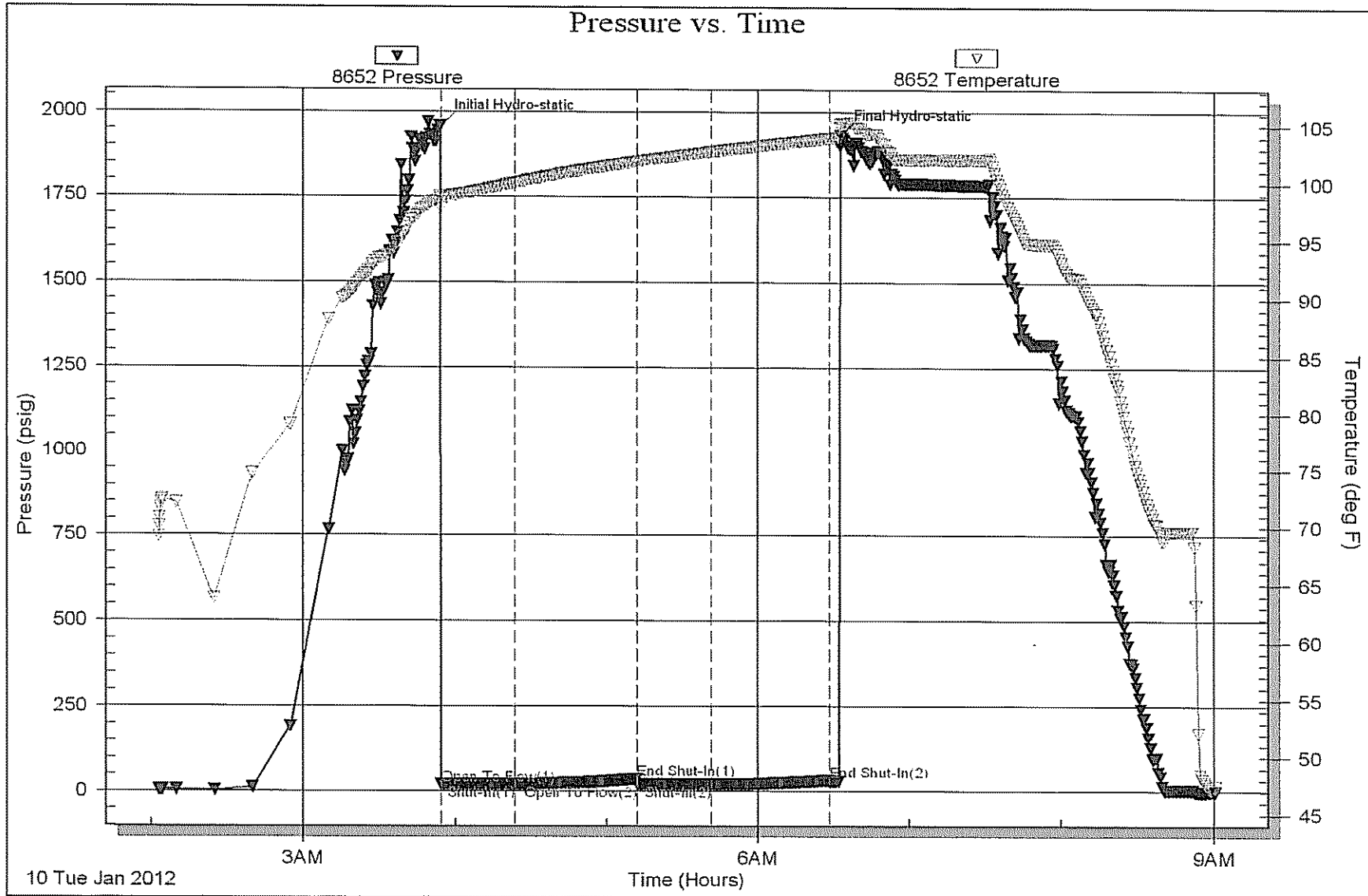
Oil API: 0 deg API
Water Salinity: 0 ppm

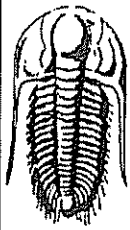
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
3.00	mud 100m (oil spots)	0.030

Total Length: 3.00 ft Total Volume: 0.030 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 Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44407

DST#: 5

ATTN: Brad Rine

Test Start: 2012.01.10 @ 16:39:00

GENERAL INFORMATION:

Formation: LKC - K

Deviated: No Whipstock ft (KB)

Time Tool Opened: 18:29:30

Time Test Ended: 03:40:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Bradley Walter

Unit No: 40

Interval: 4045.00 ft (KB) To 4075.00 ft (KB) (TVD)

Total Depth: 4075.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2799.00 ft (KB)

2790.00 ft (CF)

KB to GR/CF: 9.00 ft

Serial #: 8652

Inside

Press@RunDepth: 387.55 psig @ 4046.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2012.01.10

End Date:

2012.01.11

Last Calib.: 2012.01.11

Start Time: 16:39:05

End Time:

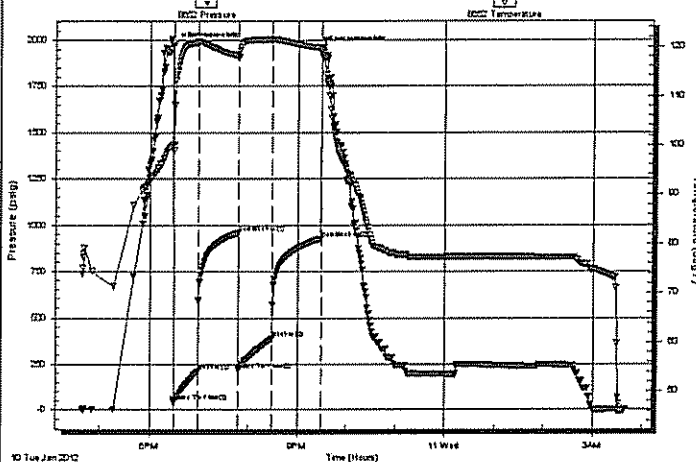
03:40:15

Time On Btm: 2012.01.10 @ 18:29:00

Time Off Btm: 2012.01.10 @ 21:29:45

TEST COMMENT: IF: BOB @ 5 min.
IS: 1/2" return, receded to 1/4".
FF: BOB @ 11 min.
FS: 1/2 inch return.

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1970.65	100.17	Initial Hydro-static
1	46.12	99.73	Open To Flow (1)
30	209.36	120.89	Shut-In(1)
79	959.67	118.05	End Shut-In(1)
80	218.47	117.59	Open To Flow (2)
120	387.55	121.44	Shut-In(2)
180	927.56	119.60	End Shut-In(2)
181	1950.28	118.63	Final Hydro-static

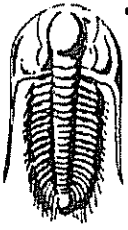
Recovery

Length (ft)	Description	Volume (bbl)
435.00	mcw 10m 90w (oil spots)	4.33
120.00	ow cm 5o 75w 20m	1.19
235.00	gw ocm 3g 17o 30w 50m	2.34
30.00	go 20g 80o	0.30
0.00	225' GIP	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 Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44407

DST#: 5

ATTN: Brad Rine

Test Start: 2012.01.10 @ 16:39:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

34 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

62000 ppm

Viscosity: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
435.00	mcw 10m 90w (oil spots)	4.327
120.00	ow cm 5o 75w 20m	1.194
235.00	gw ocm 3g 17o 30w 50m	2.338
30.00	go 20g 80o	0.298
0.00	225' GIP	0.000

Total Length: 820.00 ft Total Volume: 8.157 bbl

Num Fluid Samples: 0

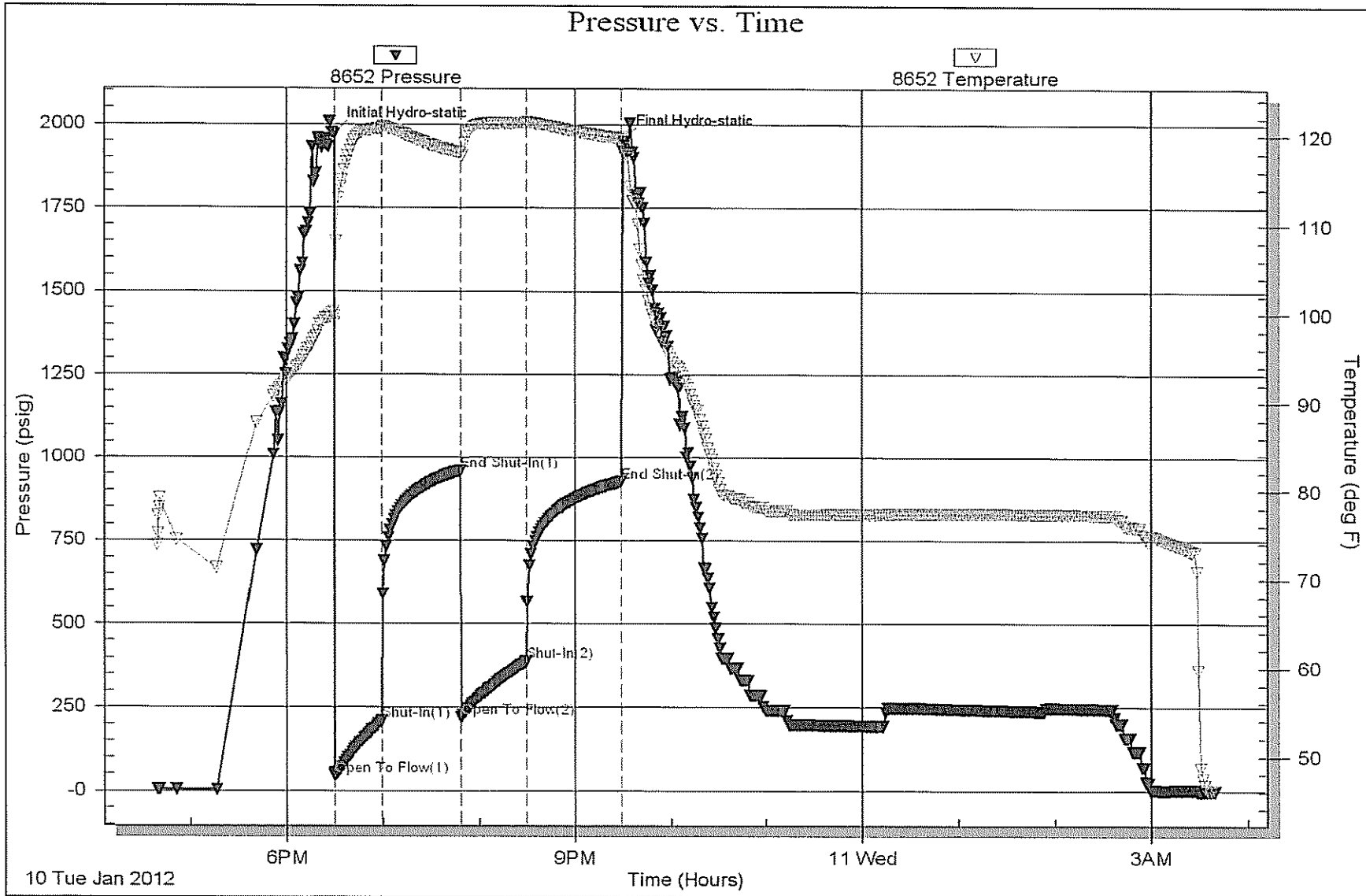
Num Gas Bombs: 0

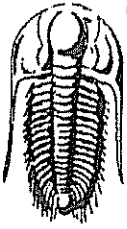
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: rw is .18 @ 48f = 62000ppm





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Co
301 Market St.
Wichita Ks 67202
ATTN: Brad Rine

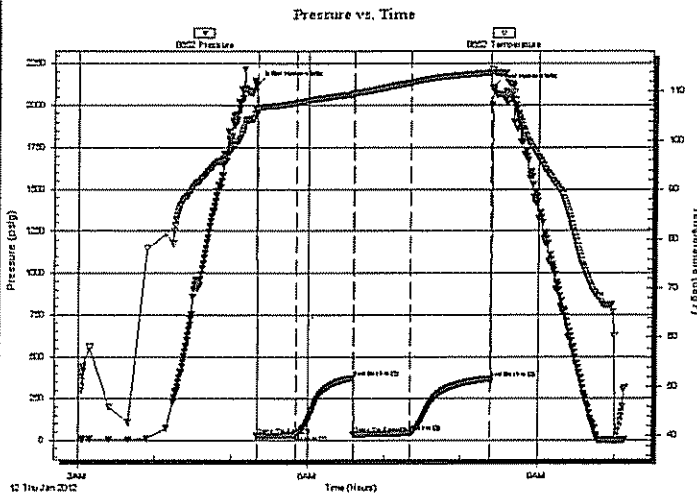
14 14s 32w Logan Ks
Rose 4-14
Job Ticket: 44408 DST#: 6
Test Start: 2012.01.12 @ 03:02:00

GENERAL INFORMATION:

Formation: **Ft Scott**
Deviated: **No Whipstock** ft (KB)
Time Tool Opened: **05:20:00**
Time Test Ended: **10:08:00**
Test Type: **Conventional Bottom Hole (Reset)**
Tester: **Bradley Waller**
Unit No: **40**
Interval: **4278.00 ft (KB) To 4310.00 ft (KB) (TVD)**
Reference Elevations: **2799.00 ft (KB)**
Total Depth: **3954.00 ft (KB) (TVD)**
2790.00 ft (CF)
Hole Diameter: **7.88 inches** Hole Condition: **Good**
KB to GR/CF: **9.00 ft**

Serial #: 8652 **Inside**
Press@RunDepth: **42.99 psig @ 4279.00 ft (KB)** Capacity: **8000.00 psig**
Start Date: **2012.01.12** End Date: **2012.01.12** Last Calib.: **2012.01.12**
Start Time: **03:02:05** End Time: **10:07:59** Time On Btm: **2012.01.12 @ 05:19:45**
Time Off Btm: **2012.01.12 @ 08:24:00**

TEST COMMENT: IF: Surface blow.
IS: No return.
FF: Surface blow.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2126.50	106.31	Initial Hydro-static
1	24.05	105.51	Open To Flow (1)
31	30.92	107.51	Shut-In(1)
76	373.30	109.33	End Shut-In(1)
77	32.98	109.49	Open To Flow (2)
120	42.99	111.73	Shut-In(2)
183	367.55	113.78	End Shut-In(2)
185	2107.48	114.20	Final Hydro-static

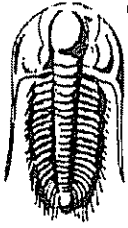
Recovery

Length (ft)	Description	Volume (bbl)
20.00	gow cm 15g 10o 20w 55m	0.20

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Co
301 Market St.
Wichita Ks 67202
ATTN: Brad Rine

14 14s 32w Logan Ks
Rose 4-14
Job Ticket: 44408 DST#: 6
Test Start: 2012.01.12 @ 03:02:00

Mud and Cushion Information

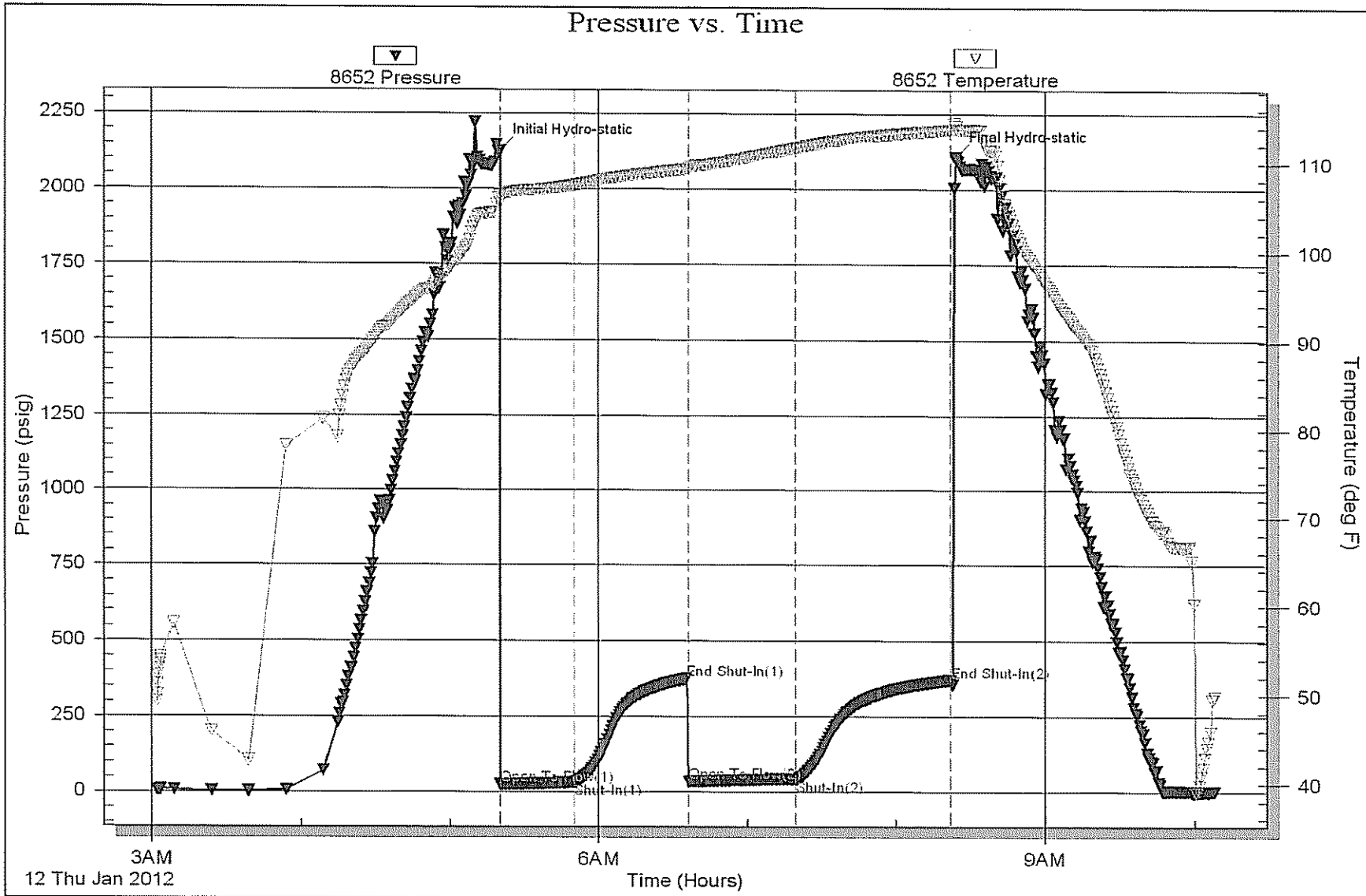
Mud Type: Gel Chem	Cushion Type:	Oil API:	0 deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	0 ppm
Viscosity: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ²	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 2.00 inches			

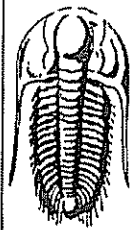
Recovery Information

Recovery Table

Length ft	Description	Volume bbl
20.00	gow cm 15g 10o 20w 55m	0.199

Total Length: 20.00 ft Total Volume: 0.199 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 Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44409

DST#: 7

ATTN: Brad Rine

Test Start: 2012.01.12 @ 23:14:00

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: **No** Whipstock: **ft (KB)**

Time Tool Opened: 01:32:45

Time Test Ended: 06:21:30

Test Type: **Conventional Bottom Hole (Reset)**

Tester: **Bradley Walter**

Unit No: **40**

Interval: **4354.00 ft (KB) To 4405.00 ft (KB) (TVD)**

Total Depth: **4405.00 ft (KB) (TVD)**

Hole Diameter: **7.88 inches** Hole Condition: **Good**

Reference Elevations: **2799.00 ft (KB)**

2790.00 ft (CF)

KB to GR/CF: **9.00 ft**

Serial #: **8652**

Inside

Press@RunDepth: **23.66 psig @ 4355.00 ft (KB)**

Capacity: **8000.00 psig**

Start Date: **2012.01.12**

End Date:

2012.01.13

Last Calib.: **2012.01.13**

Start Time: **23:14:05**

End Time:

06:21:29

Time On Btm: **2012.01.13 @ 01:32:30**

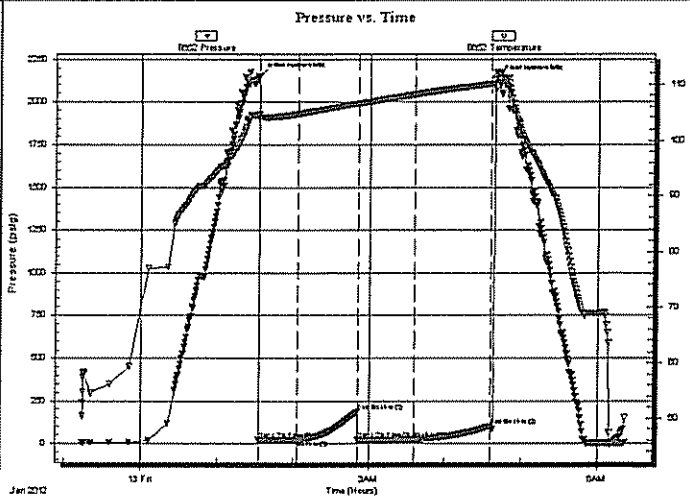
Time Off Btm: **2012.01.13 @ 04:40:30**

TEST COMMENT: IF: Surface blow.

IS: No return.

FF: Surge, no blow.

FSI: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2150.48	104.52	Initial Hydro-static
1	20.77	103.68	Open To Flow (1)
31	23.08	104.60	Shut-In(1)
79	184.94	106.56	End Shut-In(1)
79	21.89	106.46	Open To Flow (2)
124	23.66	108.15	Shut-In(2)
184	100.54	110.12	End Shut-In(2)
188	2137.73	112.09	Final Hydro-static

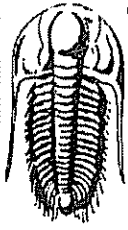
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100m (oil spots)	0.05

* 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 Co

14 14s 32w Logan Ks

301 Market St.
Wichita Ks 67202

Rose 4-14

Job Ticket: 44409

DST#: 7

ATTN: Brad Rine

Test Start: 2012.01.12 @ 23:14:00

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: 60.00 sec/qt	Cushion Volume: bbl		
Water Loss: 9.58 in ³	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 4400.00 ppm			
Filter Cake: 2.00 inches			

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100m (oil spots)	0.050

Total Length: 5.00 ft Total Volume: 0.050 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:

