

Confidentiality Requested:

Yes  No

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

Form ACO-1

January 2018

**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

Gas  DH  EOR

OG  GSW

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 EOR  Conv. to SWD  
 Plug Back  Liner  Conv. to GSW  Conv. to Producer

Commingled Permit #: \_\_\_\_\_

Dual Completion Permit #: \_\_\_\_\_

SWD Permit #: \_\_\_\_\_

EOR Permit #: \_\_\_\_\_

GSW Permit #: \_\_\_\_\_

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: \_\_\_\_\_

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  Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT  I  II  III Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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

1. Did you perform a hydraulic fracturing treatment on this well?  Yes  No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons?  Yes  No *(If No, skip question 3)*
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)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____				
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) (Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	WILKEN 1-15
Doc ID	1357423

All Electric Logs Run

Resistivity
Microlog
GR-CNL-LDT
Sonic

Form	ACO1 - Well Completion
Operator	Lario Oil & Gas Company
Well Name	WILKEN 1-15
Doc ID	1357423

Tops

Name	Top	Datum
Heebner	3918	-798
Lansing	3967	-847
Stark Shale	4294	-1174
Hushpuckney	4342	-1222
Base KC	4432	-1312
Marmaton	4464	-1344
Pawnee	4562	-1442
Ft. Scott	4583	-1463
Johnson	4696	-1576
Morrow	4798	-1678
Mississippian	4884	-1764





PAGE 1 of 1	CUST NO 1002301	YARD # 1718	INVOICE DATE 05/25/2017
INVOICE NUMBER <b>92433264</b>			

Pratt (620) 672-1201  
 B LARIO OIL & GAS  
 I PO Box: 1093  
 L GARDEN CITY  
 L KS US 67846  
 T  
 O ATTN: ACCOUNTS PAYABLE

J LEASE NAME Wilken 1-15 ✓  
 O LOCATION  
 B COUNTY Wichita *dredging*  
 S STATE KS *ape 17-055*  
 I JOB DESCRIPTION Cement-New Well Casing/Pi *may 30, 2017*  
 E JOB CONTACT

JOB # 41027001	EQUIPMENT # 19570	PURCHASE ORDER NO.	TERMS Net - 30 days	DUE DATE 06/24/2017
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	QTY	U of M	UNIT PRICE	INVOICE AMOUNT
<i>For Service Dates: 05/17/2017 to 05/17/2017</i>				
0041027001				
171814388L Cement-New Well Casing/Pi 05/17/2017 Cement Surface Casing				
60/40 POZ	270.00	EA	6.00	1,620.00 T
Calcium Chloride	699.00	EA	0.53	370.47 T
Celloflake	68.00	EA	1.85	125.80 T
"Unit Mileage Chg (PU, cars one way)"	100.00	MI	2.25	225.00
Heavy Equipment Mileage	200.00	MI	3.75	750.00
"Proppant & Bulk Del. Chgs., per ton mil	1,165.00	EA	1.25	1,456.25
Blending & Mixing Service Charge	270.00	BAG	0.70	189.00
Cement Data Acquisition Monitor	1.00	EA	275.00	275.00
Depth Charge; 0-500'	1.00	EA	500.00	500.00
"Service Supervisor, first 8 hrs on loc.	1.00	EA	87.50	87.50

*BEP*

*JE*  
 JUN - 1 2017  
*JE*

PLEASE REMIT TO: BASIC ENERGY SERVICES, LP PO BOX 841903 DALLAS, TX 75284-1903	SEND OTHER CORRESPONDENCE TO: BASIC ENERGY SERVICES, LP 801 CHERRY ST, STE 2100 FORT WORTH, TX 76102	SUB TOTAL TAX INVOICE TOTAL	5,599.02 179.88 5,778.90
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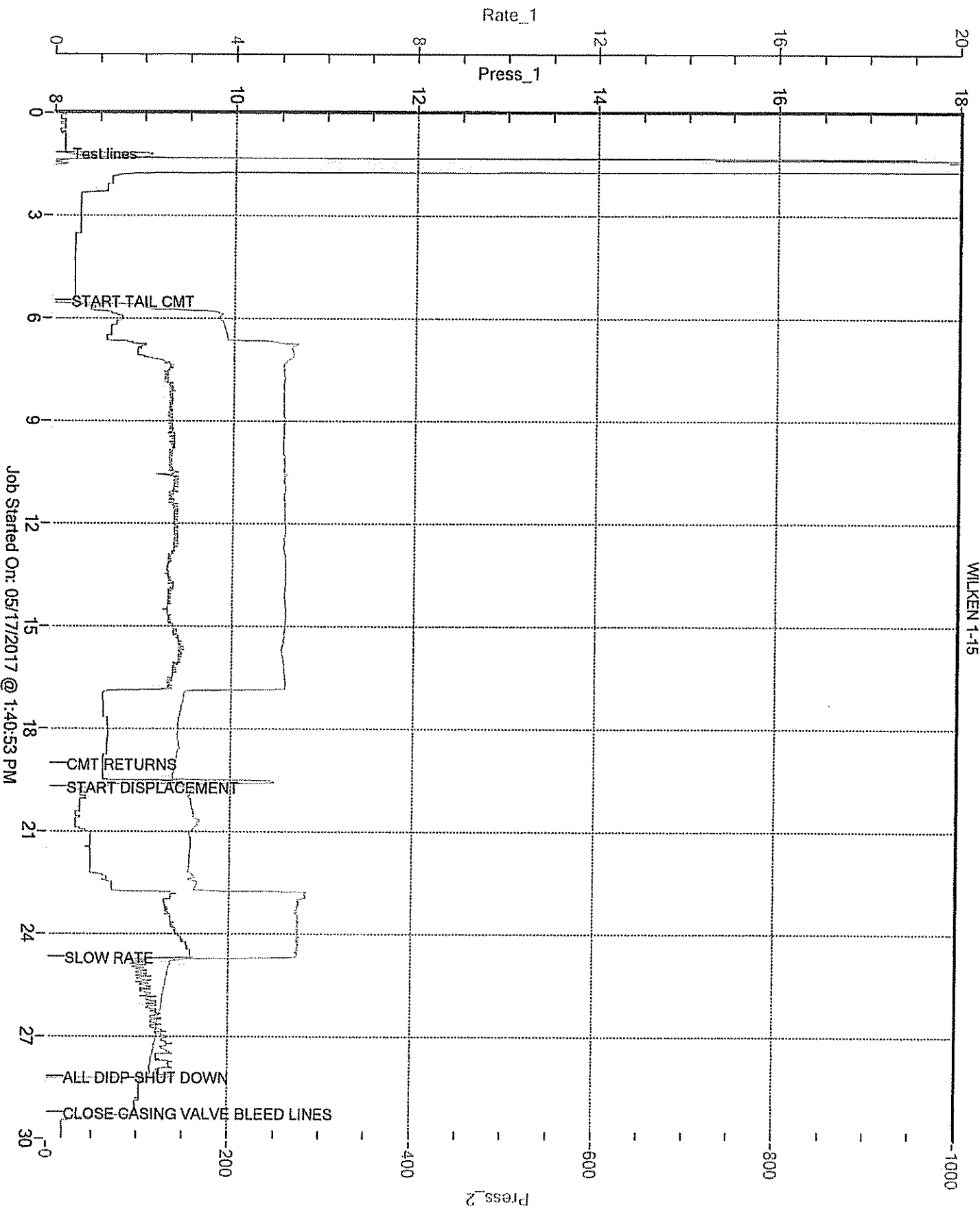
Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estates Road, Liberal KS 67901

**Job Log**

Customer:	Lario Oil & Gas		Cement Pump No.:	38119-19570 3HRS		Operator TRK No.:	39878	
Address:			Ticket #:	1718 14388 L		Bulk TRK No.:	19827-19808 SC	
City, State, Zip:			Job Type:	Z42 - Cement Surface Casing				
Service District:	1718 LIBERAL KS		Well Type:	OIL				
Well Name and No.:	Wilken 1-15		Well Location:	15,20,35	County:	Wichita	State:	Ks
Type of Cmt	Sacks	Additives			Truck Loaded On			
60/40 POZ	270	3%CC,.25#CF			19827-19808 SC		Front	Back
<b>Lead/Tail:</b>	Weight #1 Gal.	Cu/Ft/sk	Water Requirements		CU. FT.	Man Hours / Personnel		
<b>Lead:</b>						Man Hours:		
<b>Tail:</b>	14.8	1.21	5.18		270	# of Men on Job:	3	
Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure(PSI)		Description of Operation and Materials	
			T	C	Tubing	Casing		
10:30							ARRIVE LOCATION	
							RIG WAS PULLING COLLARS	
10:40							SPOT TRUCKS, RIG UP	
13:30							PREJOB SAFETY MTG	
13:45						1000	TEST LINES	
13:47	5.3	58				100	270 SKS TAIL CEMENT @ 14.8	
13:59	2.7	55				100	CMT RETURNS 25 BBL TO PIT	
14:01	5.7	22				130	START DISPLACEMENT 22 BBL	
14:06	2.7	15				100	SLOW RATE	
14:10						110	ALL DISP SHUT DOWN	
14:12							SHUT IN VALVE,BLEED LINES	
14:15							RIG DOWN	
15:00							LEAVE LOCATION	
Size Hole	12 1/4	Depth	375		TYPE		VALVE AND SWEDGE	
Size & Wt. Csg.	8 5/8 X 20#	Depth	372	New / Used	Packer		Depth	
lbg.		Depth			Retainer		Depth	
Top Plugs		Type			Perfs		CIBP	
Customer Signature: <i>Lance McCreary</i>					Basic Representative:		BARRY BARKLEY	
					Basic Signature:		<i>Barry Barkley</i>	
					Date of Service:		5/17/2017	



LARIO  
WILKEN 1-15



Job Started On: 05/17/2017 @ 1:40:53 PM



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil And Gas Company

**15-20s-35w Wichita Co KS**

301 S Market St.  
Wichita KS  
67202  
ATTN: Tim Lauer

**Wilkens 1 15**

Job Ticket: 63728

**DST#: 1**

Test Start: 2017.05.22 @ 20:37:15

## GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:13:30

Time Test Ended: 04:36:00

Test Type: Conventional Bottom Hole (Initial)

Tester: Mike Roberts

Unit No: 81

**Interval: 4474.00 ft (KB) To 4530.00 ft (KB) (TVD)**

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4530.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 76.20 psig @ 4510.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.05.22

End Date: 2017.05.23

Last Calib.: 2017.05.23

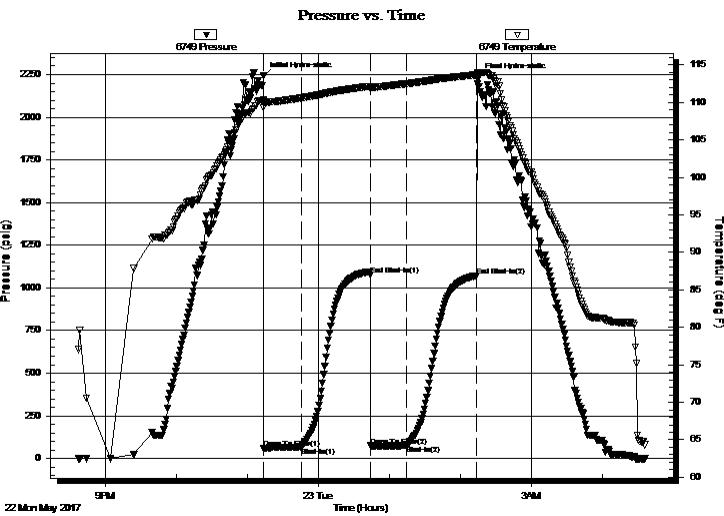
Start Time: 20:37:15

End Time: 04:36:00

Time On Btm: 2017.05.22 @ 23:13:15

Time Off Btm: 2017.05.23 @ 02:14:30

TEST COMMENT: IF: Built to 1/8" blow  
IS: No return blow  
FF: Built to 1/4" blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2240.41	110.33	Initial Hydro-static
1	59.47	109.28	Open To Flow (1)
32	68.38	110.59	Shut-In(1)
90	1076.44	112.15	End Shut-In(1)
91	74.92	111.83	Open To Flow (2)
121	76.20	112.49	Shut-In(2)
181	1071.75	113.68	End Shut-In(2)
182	2229.04	114.00	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
5.00	mco 20% m 80% o	0.02
60.00	ocm 20% o 80% m	0.30

## Gas Rates

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





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

**FLUID SUMMARY**

Lario Oil And Gas Company

**15-20s-35w Wichita Co KS**

301 S Market St.  
Wichita KS  
67202  
ATTN: Tim Lauer

**Wilkens 1 15**

Job Ticket: 63728

**DST#: 1**

Test Start: 2017.05.22 @ 20:37:15

## 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: 63.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3000.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	mco 20% m 80% o	0.025
60.00	ocm 20% o 80% m	0.295

Total Length: 65.00 ft      Total Volume: 0.320 bbl

Num Fluid Samples: 0

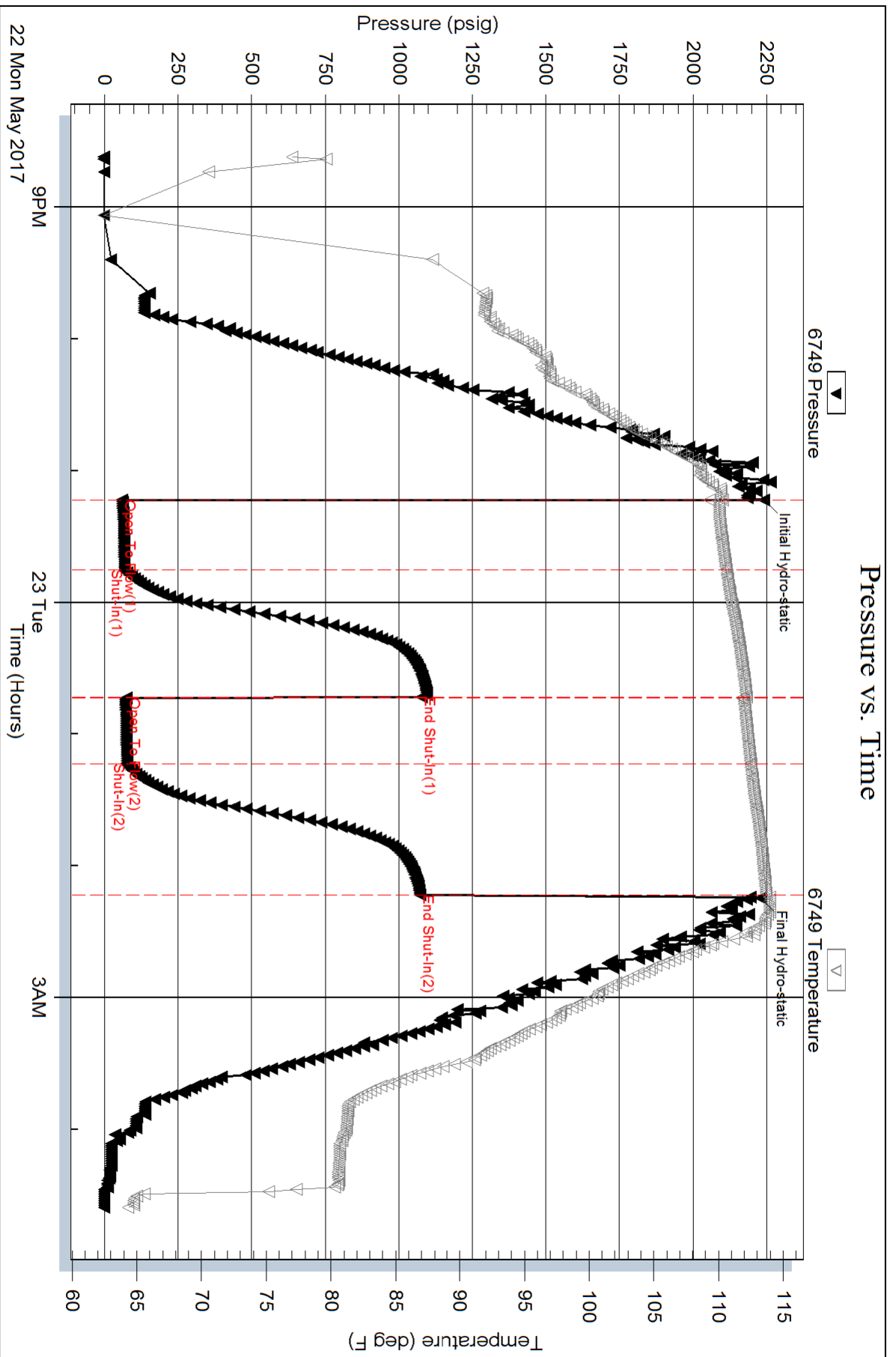
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



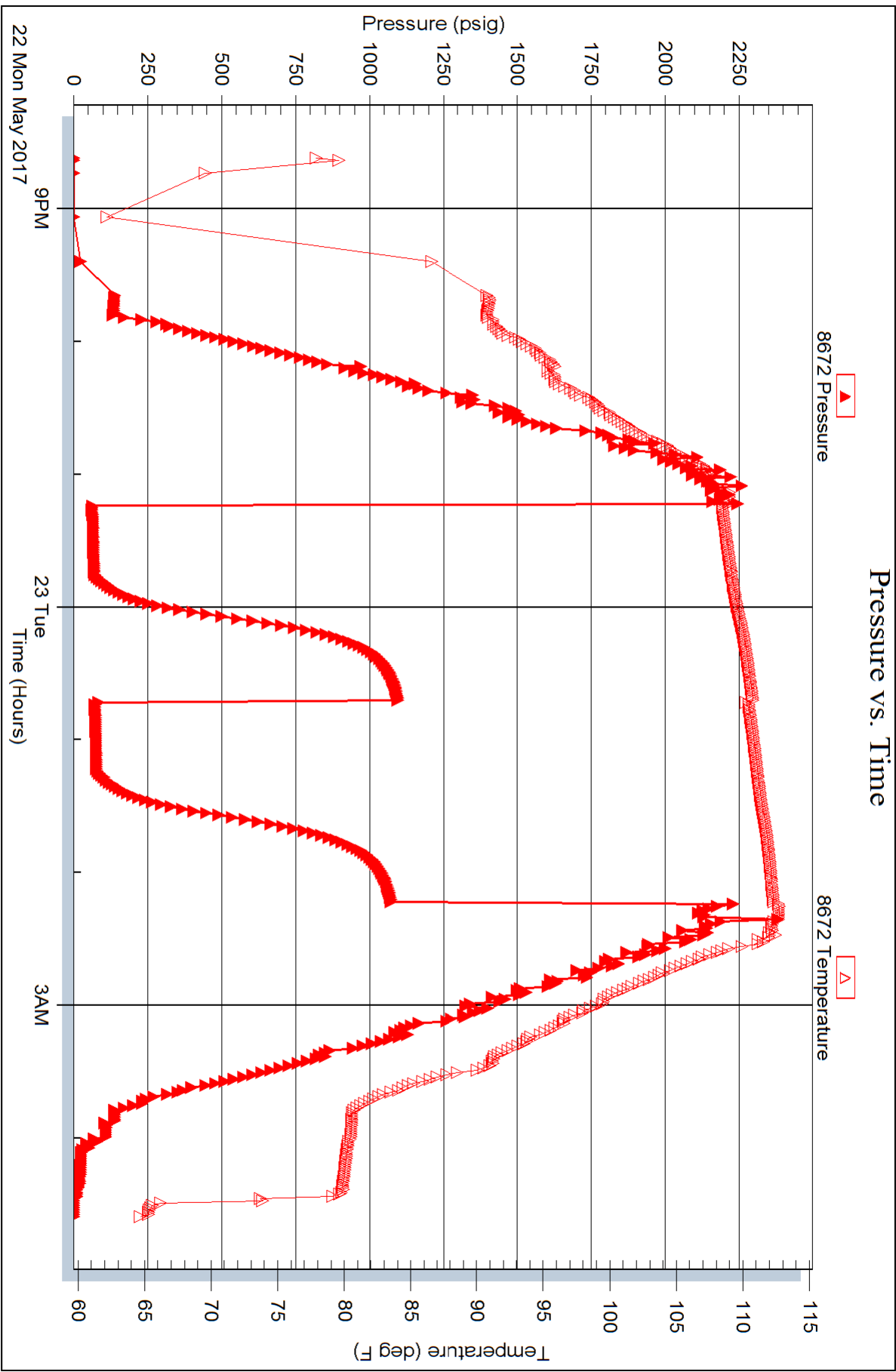
Serial #: 8672

Inside

Lario Oil And Gas Company

Wilkins 1 15

DST Test Number: 1





**TRILOBITE  
TESTING, INC.**

# DRILL STEM TEST REPORT

Lario Oil And Gas Company

**15-20s-35w Wichita Co KS**

301 S Market St.  
Wichita KS  
67202  
ATTN: Tim Lauer

**Wilkens 1 15**

Job Ticket: 63729

**DST#: 2**

Test Start: 2017.05.23 @ 15:13:15

## GENERAL INFORMATION:

Formation: **Pawnee**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 17:24:15

Time Test Ended: 22:37:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Mike Roberts

Unit No: 81

**Interval: 4540.00 ft (KB) To 4575.00 ft (KB) (TVD)**

Reference Elevations: 3130.00 ft (KB)

Total Depth: 4575.00 ft (KB) (TVD)

3120.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Fair

KB to GR/CF: 10.00 ft

**Serial #: 6749 Outside**

Press@RunDepth: 63.49 psig @ 4541.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2017.05.23 End Date: 2017.05.23

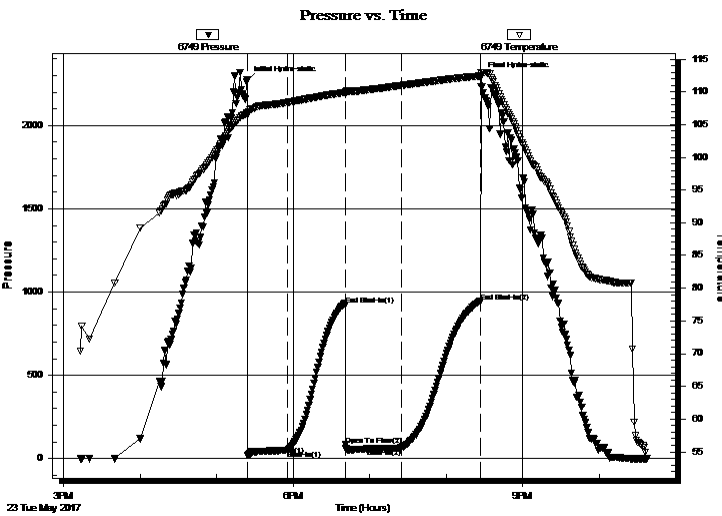
Last Calib.: 2017.05.23

Start Time: 15:13:15 End Time: 22:37:30

Time On Btm: 2017.05.23 @ 17:23:45

Time Off Btm: 2017.05.23 @ 20:27:30

TEST COMMENT: IF: Built to 3 1/2" blow  
IS: No return blow  
FF: Built to 3" blow  
FS: No return blow



## PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2271.80	106.75	Initial Hydro-static
1	17.83	106.44	Open To Flow (1)
32	48.82	108.37	Shut-In(1)
77	922.58	109.89	End Shut-In(1)
78	82.75	109.65	Open To Flow (2)
122	63.49	110.99	Shut-In(2)
183	942.10	112.42	End Shut-In(2)
184	2292.13	112.86	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
1.00	free oil	0.00
60.00	ocm 20%o 80%m	0.30
60.00	gcom 10%g 20%o 70%m	0.30

## 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 And Gas Company

**15-20s-35w Wichita Co KS**

301 S Market St.  
Wichita KS  
67202  
ATTN: Tim Lauer

**Wilkens 1 15**

Job Ticket: 63729

**DST#: 2**

Test Start: 2017.05.23 @ 15:13:15

## Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

32 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 59.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.98 in<sup>3</sup>

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

## Recovery Information

Recovery Table

Length ft	Description	Volume bbl
1.00	free oil	0.005
60.00	ocm 20%o 80%m	0.295
60.00	gcom 10%g 20%o 70%m	0.295

Total Length: 121.00 ft      Total Volume: 0.595 bbl

Num Fluid Samples: 0

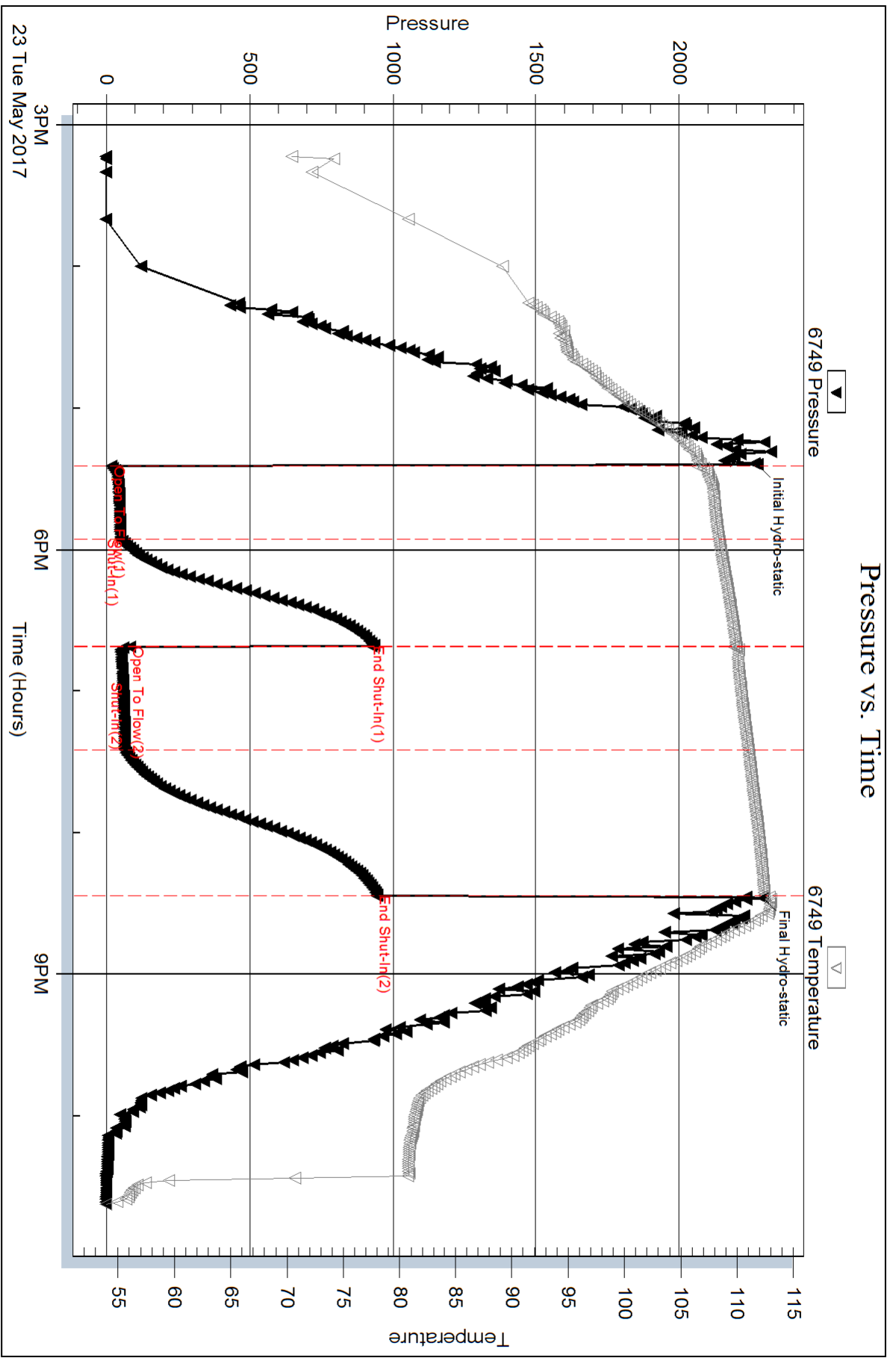
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: API= 32 @ 60



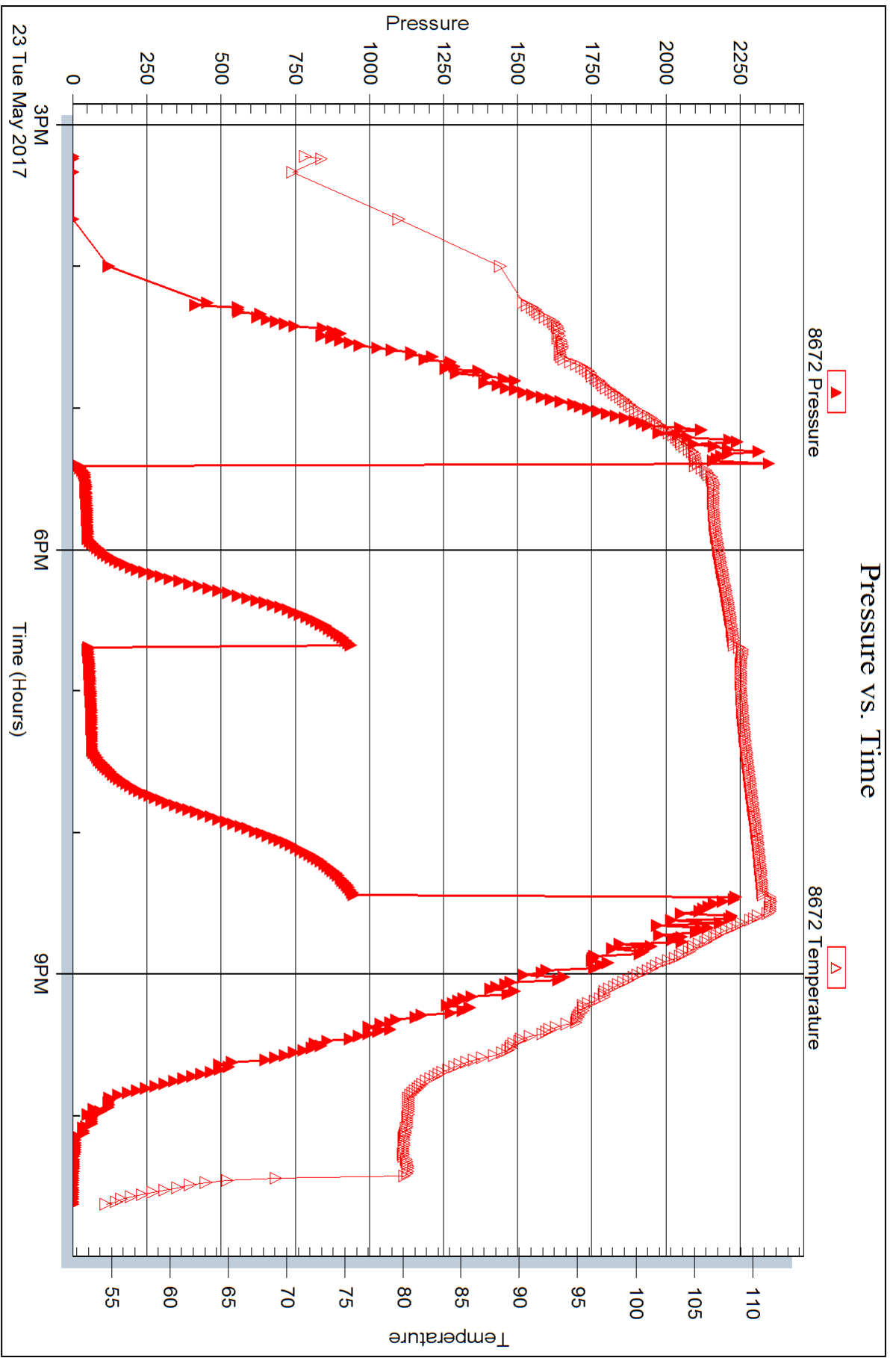
Serial #: 8672

Inside

Lario Oil And Gas Company

Wilkins 1 15

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 63729

Printed: 2017.05.24 @ 06:35:42



