

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. 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)</i> <i>(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	Socolofsky 2-9
Doc ID	1272251

Tops

Name	Top	Datum
Heebner	3912	-952
Lansing	3953	-993
Stark Shale	4225	-1265
Hushpuckney	4263	-1303
Base KC	4324	-1364
Marmaton	4360	-1400
Pawnee	4435	-1475
Ft. Scott	4458	-1498
Johnson	4546	-1586
Morrow	4571	-1611
Basal Penn	4574	-1614
Mississippian	4592	-1632



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61794

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.11.25 @ 08:47:50

GENERAL INFORMATION:

Formation: **Lansing B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 10:32:50

Time Test Ended: 16:05:50

Test Type: Inflate Bottom Hole (Initial)

Tester: Brandon Turley

Unit No: 79

Interval: 3974.00 ft (KB) To 3999.00 ft (KB) (TVD)

Total Depth: 3999.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2960.00 ft (KB)

2950.00 ft (CF)

KB to GRVCF: 10.00 ft

Serial #: 8166

Outside

Press@RunDepth: 51.39 psig @ 3979.00 ft (KB)

Start Date: 2015.11.25

End Date:

2015.11.25

Capacity: 8000.00 psig

Last Calib.: 2015.11.25

Start Time: 08:47:55

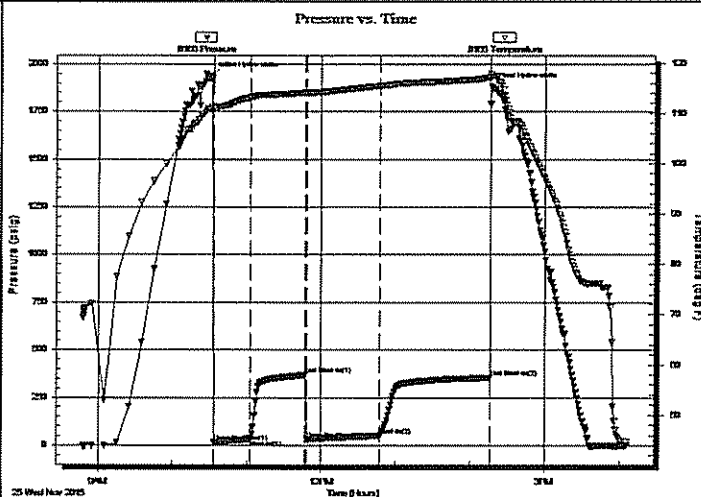
End Time:

16:05:49

Time On Btm: 2015.11.25 @ 10:31:20

Time Off Btm: 2015.11.25 @ 14:17:20

TEST COMMENT: IF: Surface blow built to 1 1/2 in 30 min.
IS: No return.
FF: Surface blow built to 1.
FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1937.91	110.95	Initial Hydro-static
2	15.56	110.98	Open To Flow (1)
31	32.57	113.07	Shut-In(1)
76	369.62	114.08	End Shut-In(1)
77	33.03	114.02	Open To Flow (2)
136	51.39	115.41	Shut-In(2)
225	354.61	117.13	End Shut-In(2)
226	1881.95	117.32	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
62.00	ocm 10%o 90%m	0.30
10.00	free oil 100%0	0.05

Gas Rates

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



TRILOBITE
TESTING, INC

DRILL STEM TEST REPORT

FLUID SUMMARY

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61794

DST#: 1

ATTN: Tim Lauer

Test Start: 2015.11.25 @ 08:47:50

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

0 deg API

Mud Weight: 8.00 lb/gal

Cushion Length:

ft

Water Salinity:

0 ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbf

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 700.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
62.00	ocm 10%o 90%m	0.305
10.00	free oil 100%0	0.049

Total Length: 72.00 ft Total Volume: 0.354 bbf

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

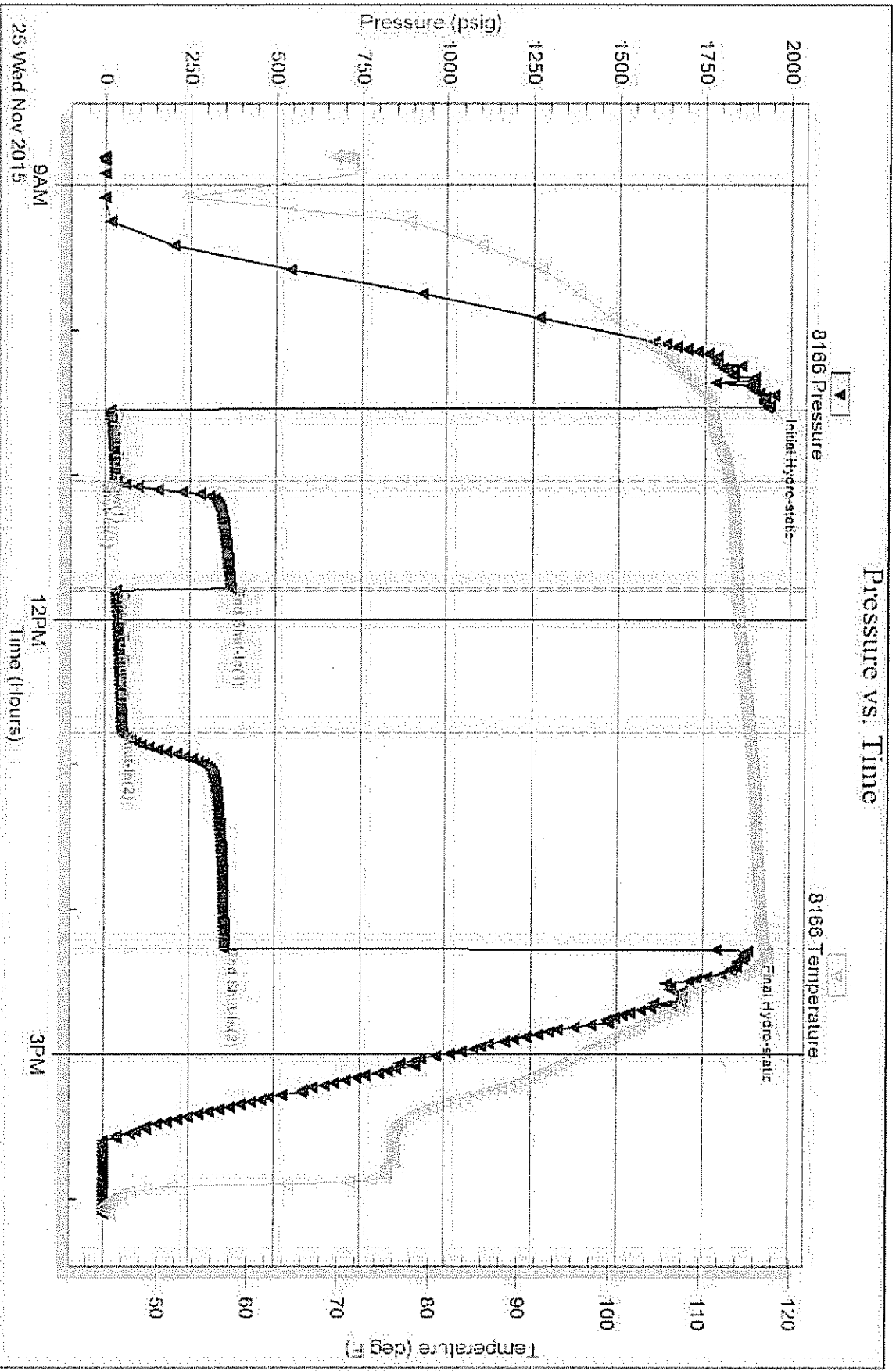
Recovery Comments:

Serial #: 8166

Outside Lario Oil & Gas Company

Society 2.9

DST Test Number 1



Tribble Testing, Inc

Ref. No: 81794

Printed: 2015-11-25 @ 16:20:52



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61795

DST#: 2

ATTN: Tim Lauer

Test Start: 2015.11.25 @ 23:30:03

GENERAL INFORMATION:

Formation: **Lansing D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 01:01:33

Time Test Ended: 05:24:03

Test Type: Inflate Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4030.00 ft (KB) To 4048.00 ft (KB) (TVD)

Total Depth: 4048.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2960.00 ft (KB)

2950.00 ft (CF)

KB to GRVCF: 10.00 ft

Serial #: 8166

Outside

Press@RunDepth: 17.07 psig @ 4035.00 ft (KB)

Start Date: 2015.11.25

End Date:

2015.11.26

Capacity: 8000.00 psig

Last Calib.: 2015.11.26

Start Time: 23:30:08

End Time:

05:24:02

Time On Btm: 2015.11.26 @ 01:01:03

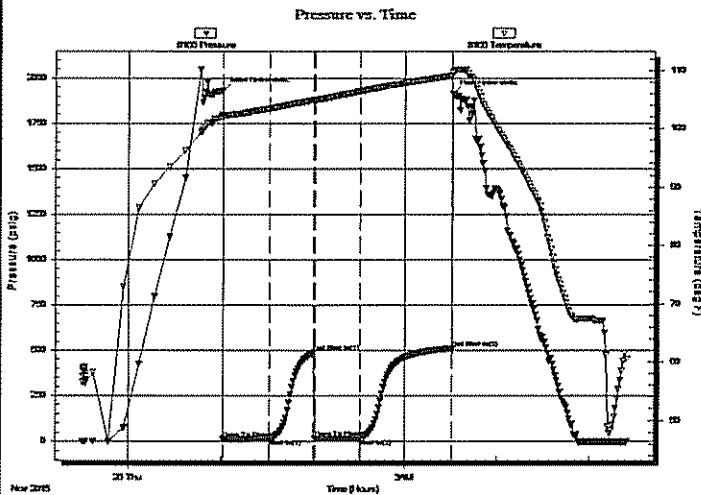
Time Off Btm: 2015.11.26 @ 03:31:33

TEST COMMENT: IF: Weak surface blow died in 6 min.

IS: No return.

FF: No blow.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1929.26	102.27	Initial Hydro-static
1	12.91	101.92	Open To Flow (1)
30	15.42	103.38	Shut-In(1)
59	486.93	104.88	End Shut-In(1)
60	15.99	104.82	Open To Flow (2)
90	17.07	106.40	Shut-In(2)
150	510.34	109.06	End Shut-In(2)
151	1912.11	109.64	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
3.00	oil 100%o	0.01
2.00	mud 100%m	0.01

* Recovery from multiple tests

Gas Rates

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

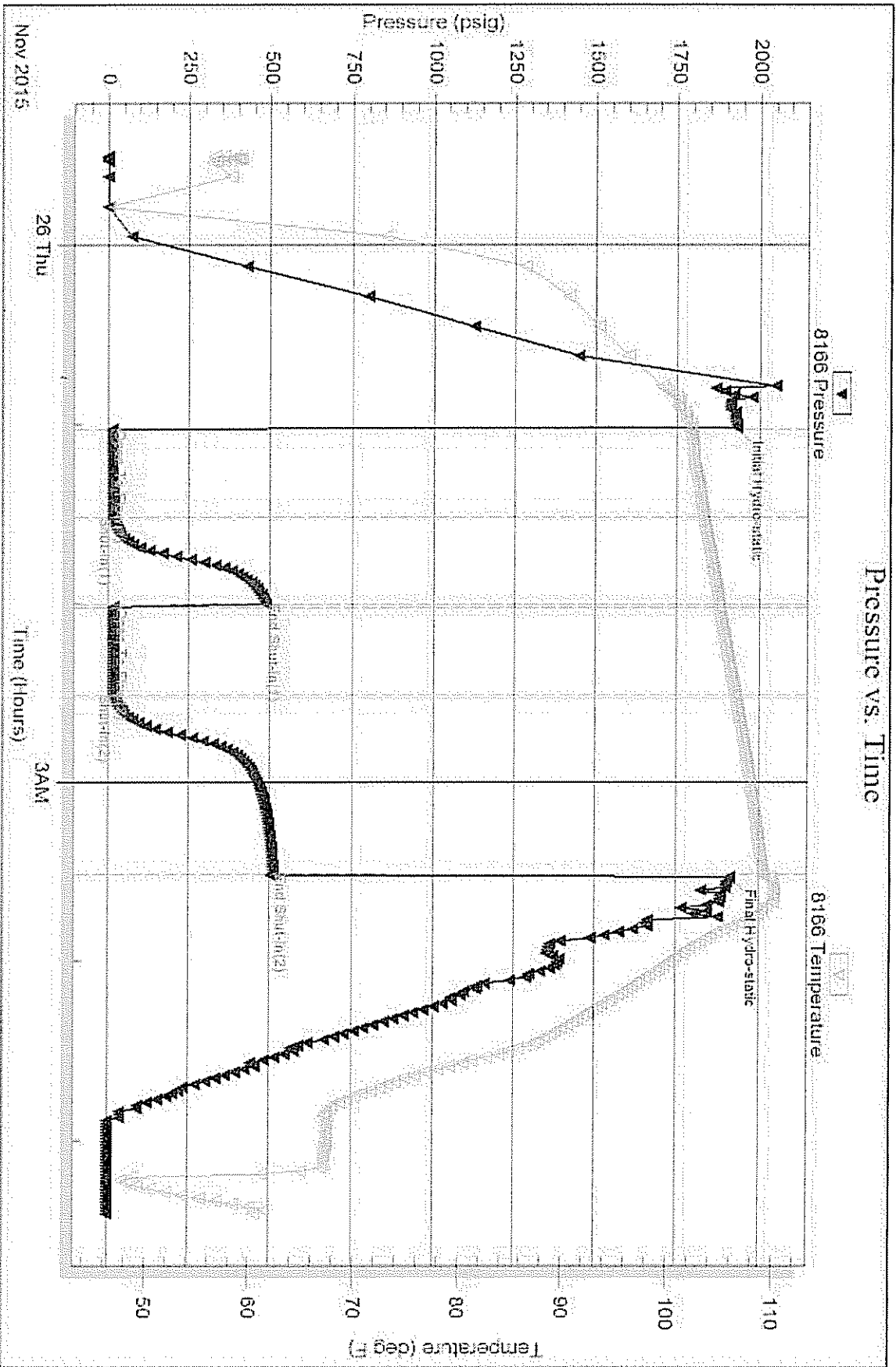
Serial #: 8166

Outside: Lard Oil & Gas Company

Seco/sky 2.9

DST Test Number: 2

Pressure vs. Time



Tribble Testing, Inc

Ref. No. 01795

Printed: 2015.11.27 @ 13:50:25

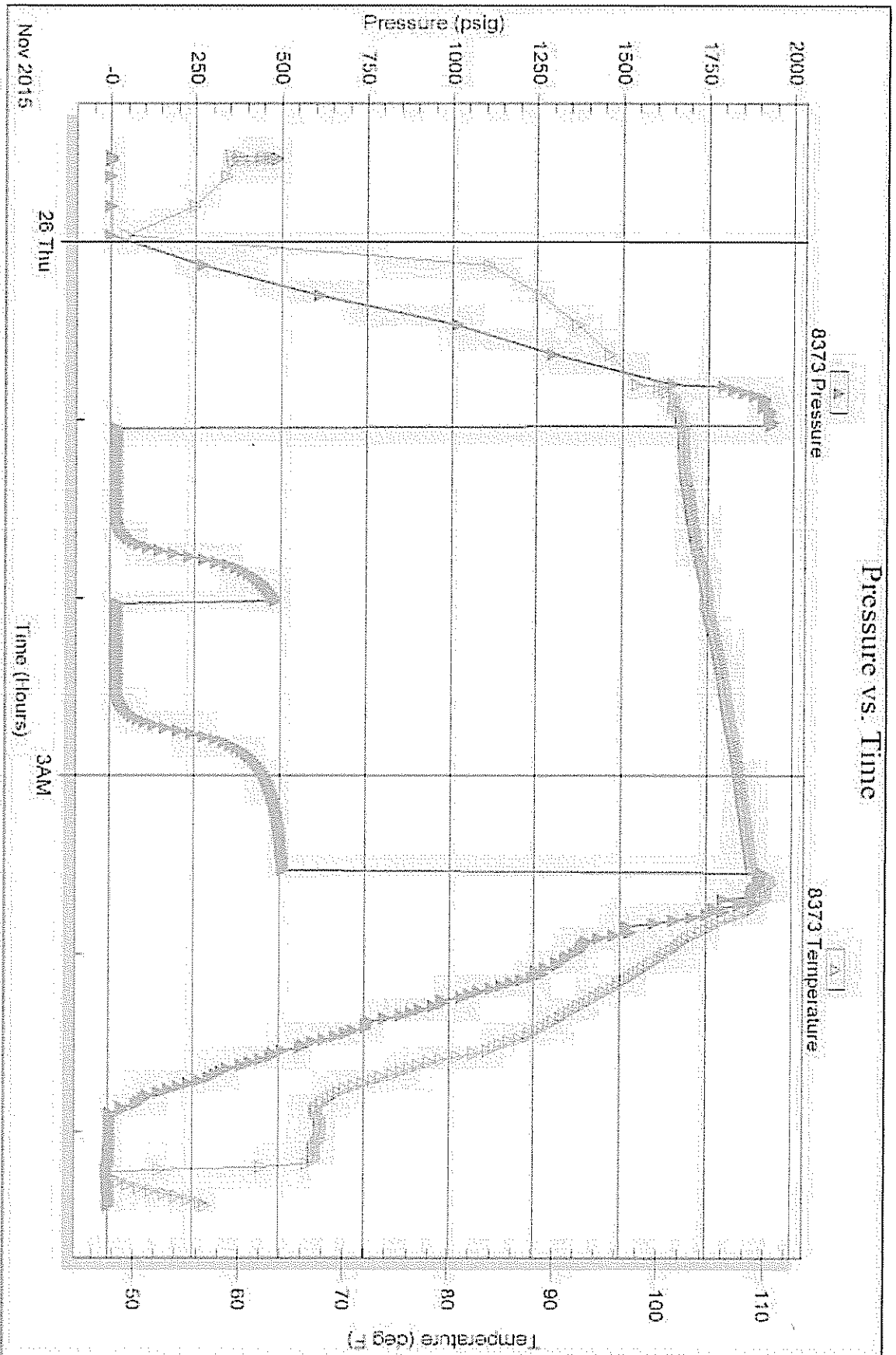
Serial #: 8373

Inside

Lario Oil & Gas Company

Secorovsky 2-9

DST Test Number: 2



Tribble Testing, Inc

Ref. No. 61795

Printed: 2015-11-27 @ 13:58:25



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61796

DST#: 3

ATTN: Tim Lauer

Test Start: 2015.11.27 @ 22:47:52

GENERAL INFORMATION:

Formation: **Johnson**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:40:10

Time Test Ended: 06:44:39

Test Type: Inflate Bottom Hole (Reset)

Tester: Brandon Turley

Unit No: 79

Interval: 4490.00 ft (KB) To 4563.00 ft (KB) (TVD)

Total Depth: 4563.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2960.00 ft (KB)

2950.00 ft (CF)

KB to GR/CF: 10.00 ft

Serial #: 8166

Outside

Press@RunDepth: 40.67 psig @ 4495.00 ft (KB)

Start Date: 2015.11.27

End Date:

2015.11.28

Capacity: 8000.00 psig

Last Calib.: 2015.11.28

Start Time: 22:47:57

End Time:

06:44:39

Time On Btm: 2015.11.28 @ 00:38:10

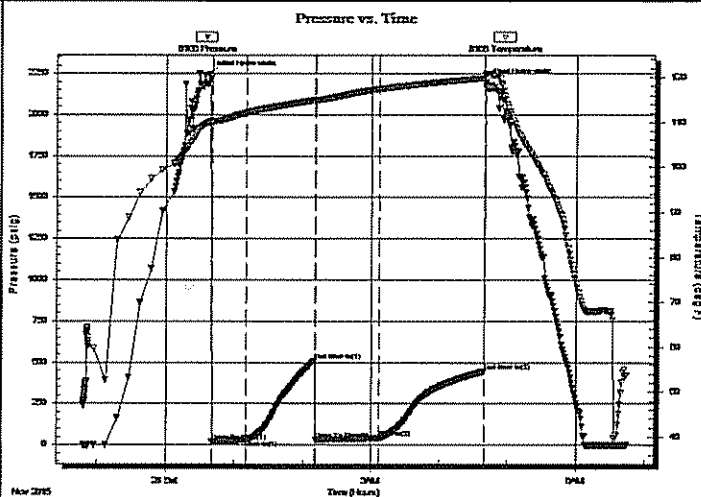
Time Off Btm: 2015.11.28 @ 04:40:39

TEST COMMENT: IF: 1/4 blow died in surface.

IS: No return.

FF: Surface blow built to 3.

FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2244.89	110.05	Initial Hydro-static
2	19.62	110.02	Open To Flow (1)
32	29.57	112.09	Shut-In(1)
92	508.06	114.96	End Shut-In(1)
93	29.13	114.86	Open To Flow (2)
149	40.67	117.41	Shut-In(2)
241	444.11	119.89	End Shut-In(2)
243	2195.76	120.77	Final Hydro-static

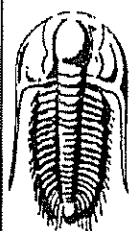
Recovery

Length (ft)	Description	Volume (bbl)
60.00	ocm 10%o 90%m	0.30

* 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

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61796

DST#: 3

ATTN: Tim Lauer

Test Start: 2015.11.27 @ 22:47:52

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: 49.00 sec/qt	Cushion Volume: bbl		
Water Loss: 6.40 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 800.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

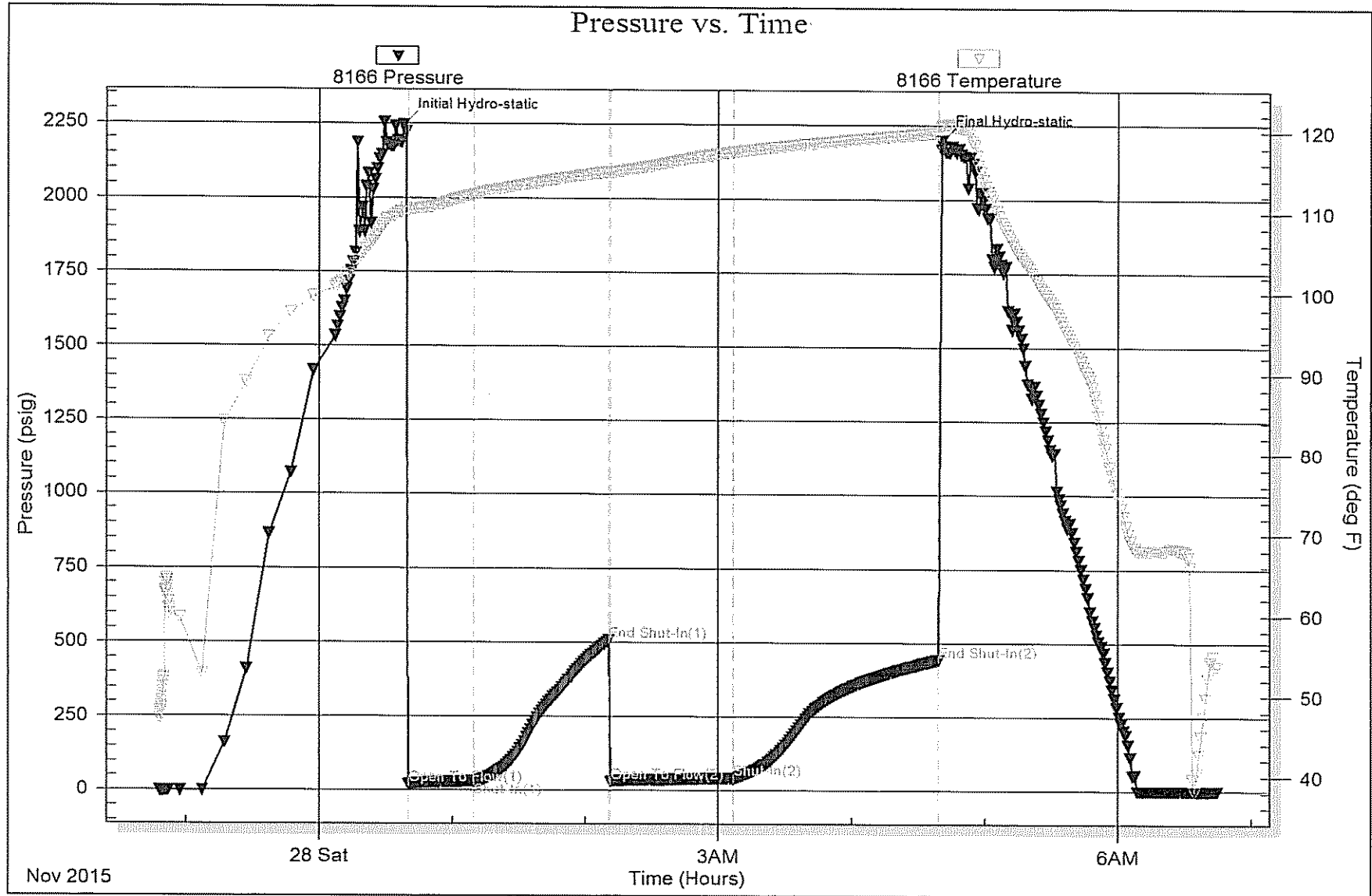
Length ft	Description	Volume bbl
60.00	ocm 10%o 90%m	0.295

Total Length: 60.00 ft Total Volume: 0.295 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:



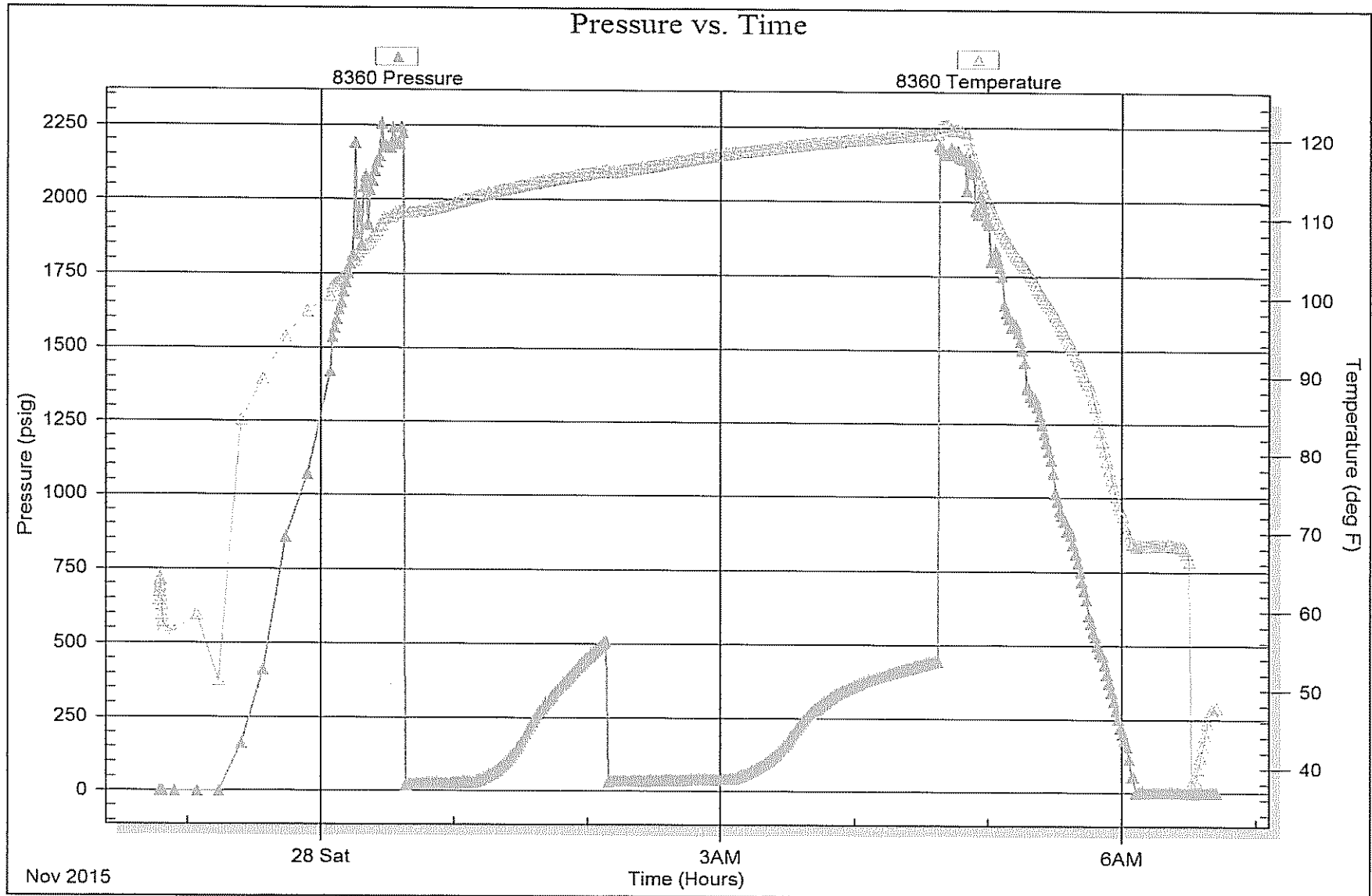
Serial #: 8360

Inside

Lario Oil & Gas Company

Socolofsky 2-9

DST Test Number: 3





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Lario Oil & Gas Company

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61797

DST#: 4

ATTN: Tim Lauer

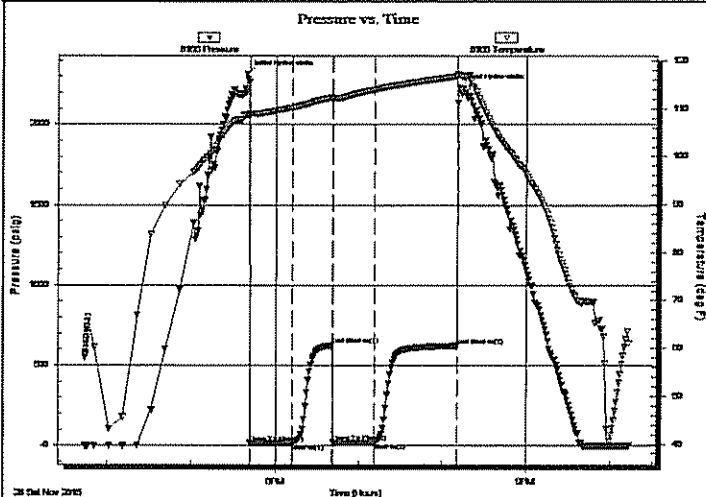
Test Start: 2015.11.28 @ 15:44:19

GENERAL INFORMATION:

Formation: Basal Sand
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 17:41:49
 Time Test Ended: 22:13:49
 Interval: 4562.00 ft (KB) To 4578.00 ft (KB) (TVD)
 Total Depth: 4578.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Inflate Bottom Hole (Reset)
 Tester: Brandon Turley
 Unit No: 79
 Reference Elevations: 2960.00 ft (KB)
 2950.00 ft (CF)
 KB to GR/CF: 10.00 ft

Serial #: 8166 Outside
 Press@RunDepth: 17.20 psig @ 4567.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2015.11.28 End Date: 2015.11.28 Last Calib.: 2015.11.28
 Start Time: 15:44:24 End Time: 22:13:48 Time On Btm: 2015.11.28 @ 17:39:49
 Time Off Btm: 2015.11.28 @ 20:12:19

TEST COMMENT: IF: 1/4 blow died in 10.
 IS: No return.
 FF: No blow.
 FS: No return.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2315.34	108.63	Initial Hydro-static
2	14.98	108.70	Open To Flow (1)
33	15.82	110.18	Shut-In(1)
61	623.81	112.27	End Shut-In(1)
62	16.24	112.04	Open To Flow (2)
91	17.20	113.94	Shut-In(2)
151	622.47	116.75	End Shut-In(2)
153	2227.97	116.93	Final Hydro-static

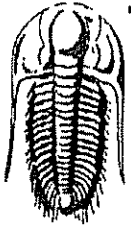
Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud 100%rn	0.02

* 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

9-17s-31w Scott, Ks

301 S market St
Wichita Ks 67202

Socolofsky 2-9

Job Ticket: 61797

DST#: 4

ATTN: Tim Lauer

Test Start: 2015.11.28 @ 15:44:19

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: 48.00 sec/qt	Cushion Volume: bbl		
Water Loss: 7.60 in ³	Gas Cushion Type:		
Resistivity: 0.00 ohm.m	Gas Cushion Pressure: psig		
Salinity: 1350.00 ppm			
Filter Cake: 1.00 inches			

Recovery Information

Recovery Table

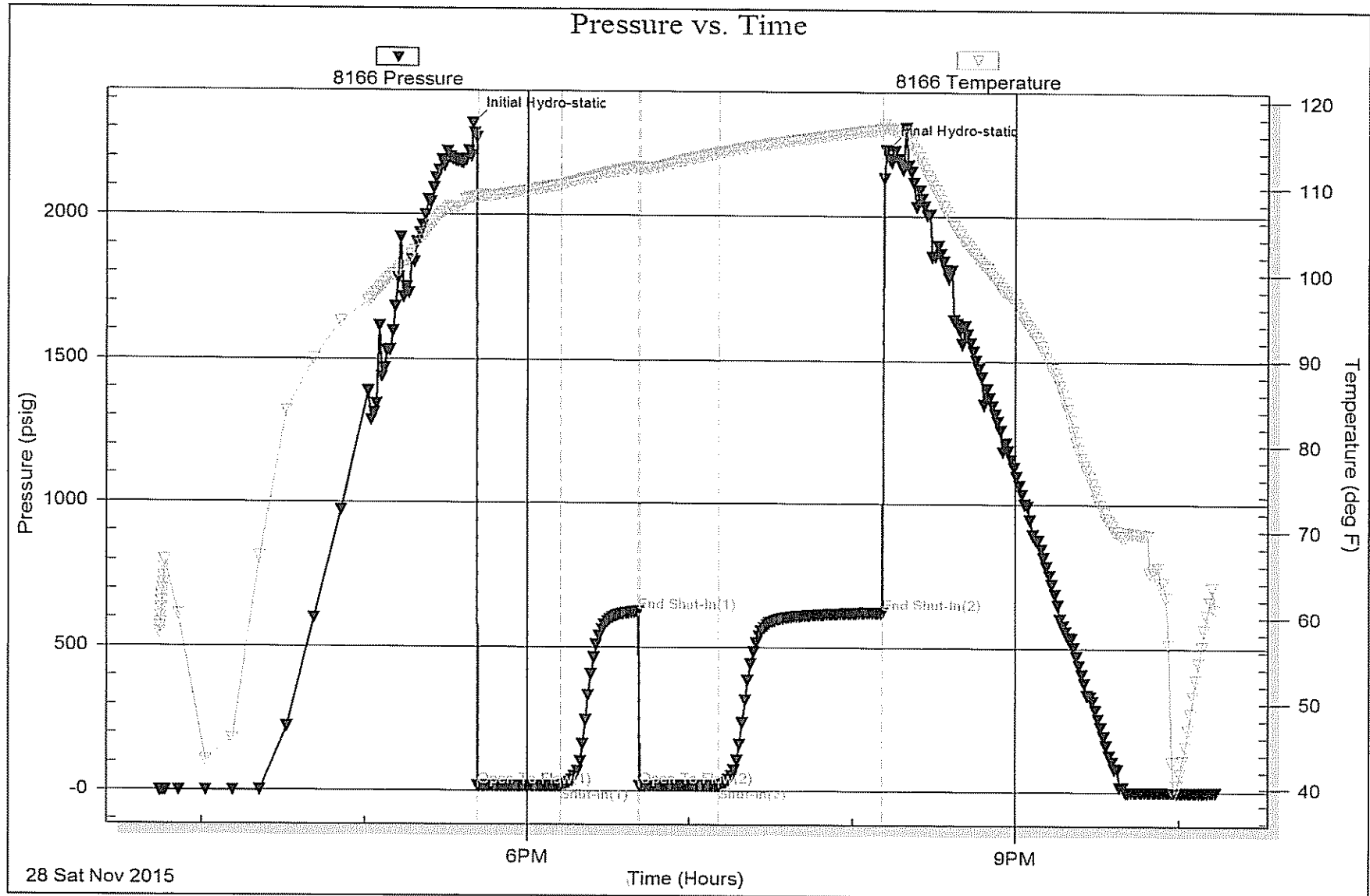
Length ft	Description	Volume bbl
5.00	mud 100%m	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

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

Laboratory Name: Laboratory Location:

Recovery Comments:





Liberal Yard #1717 Phone 620-624-2277 - 1700 S. Country Estate Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Lario Oil and Gas	Cement Pump No.:	38117, 19919 8 Hrs.	Operator TRK No.:	78938
Address:		Ticket #:	1717 06571 A	Bulk TRK No.:	70897, 37724 Santiago
City, State, Zip:	Wichita Ks	Job Type:	Z42 Surface Casing		
Service District:	Liberal Ks	Well Type:	OIL		
Well Name and No.:	Socolofsky #2-9	Well Location:	9,17,31	County:	Scott State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 Poz	265	2% Total Gel, 3% Calcium Chloride, .25lb./sk Celloflake	70897, 37724 Santiago	Front	Back
				Front	Back
				Front	Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.8	1.21	5.18	320.65	Man Hours:	4.25
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
18:30							Called out for Job
21:15							On Loc Rig
9:30 PM							Safety Meeting
9:45 PM							Rig up Equipment
11:20 PM							Start 8 5/8 Casing
0:30							Casing on Bottom Hook up Pc & circ iron
1:00							Break Circ with Rig
1:25 AM							PSI Test Lines to 2200
1:30		57.1					Pump 265sx 60/40 Poz @ 14.8#/gal
1:45							Shut Down Drop Plug
1:54		10					Pump Displacement
		15					
		20					
		22.3					
2:00							Shut Down - Shut in Casing
							Release PSI
							Job Complete

Size Hole	12 1/4 "	Depth			TYPE	
Size & Wt. Csg.	8 5/8" 24#	Depth	390'	New / Used	Packer	Depth
lbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature: <i>J. Compadre Rojas</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>Daniel Beck</i>
	Date of Service:	11/21/2015



BASIC
ENERGY SERVICES

Liberal Yard #1717 Phone 620-624-2277 - 1700 S. Country
Estate Road, Liberal KS 67901

PRESSURE PUMPING

Job Log

Customer:	Lario Oil and Gas	Cement Pump No.:	38117, 19919 8 Hrs.	Operator TRK No.:	78938
Address:		Ticket #:	1717 06571 A	Bulk TRK No.:	70897, 37724 Santiago
City, State, Zip:	Wichita Ks	Job Type:	Z42 Surface Casing		
Service District:	Liberal Ks	Well Type:	OIL		
Well Name and No.:	Socolofsky #2-9	Well Location:	9,17,31	County:	Scott
				State:	Ks

Type of Cmt	Sacks	Additives	Truck Loaded On		
60/40 Poz	265	2% Total Gel, 3% Calcium Chloride, .25lb./sk Celloflake	70897, 37724 Santiago	Front	Back
				Front	Back
				Front	Back

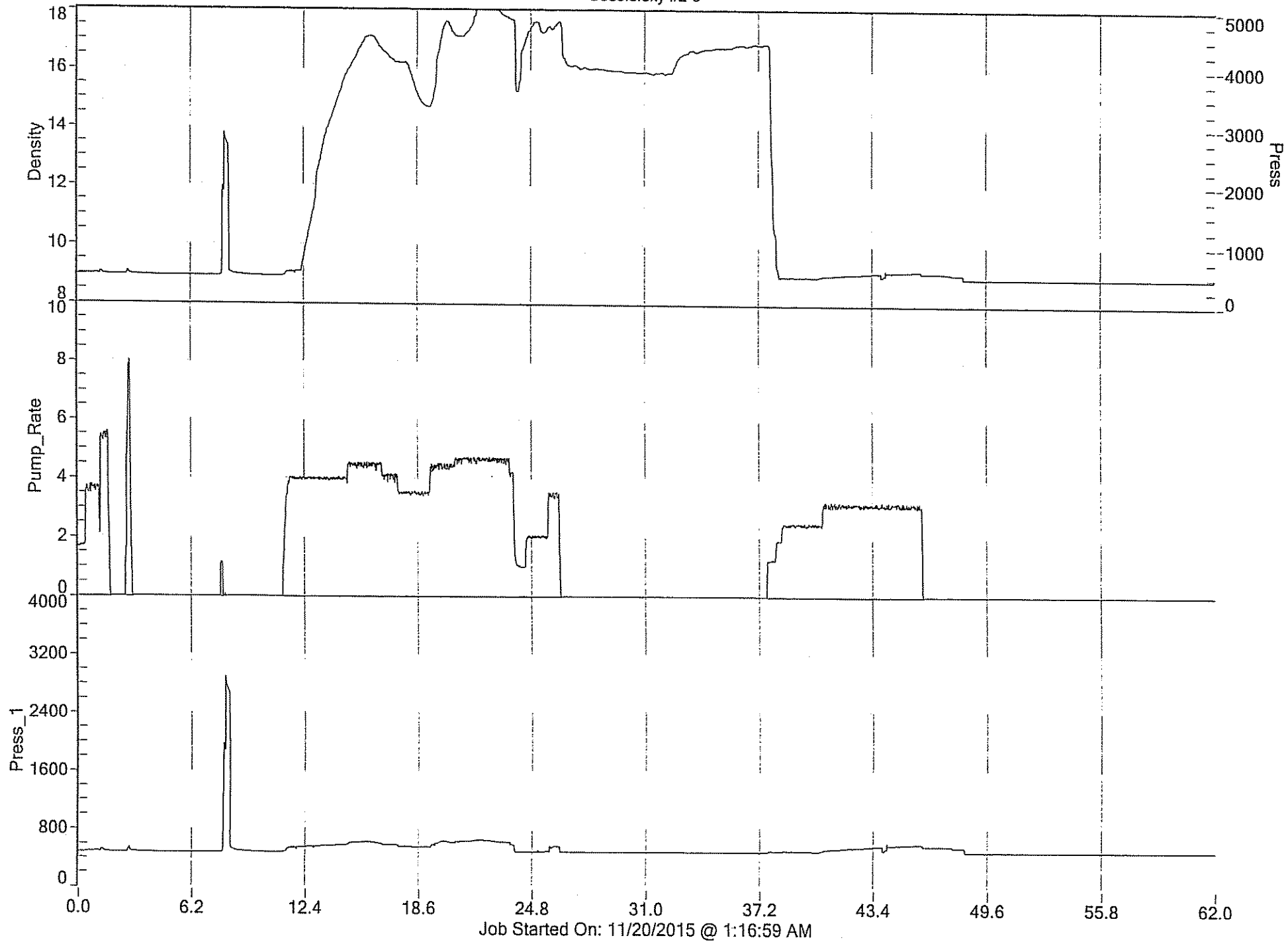
Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	14.8	1.21	5.18	320.65	Man Hours:	4.25
Tail:					# of Men on Job:	3

Time (am/pm)	(BPM)	Volume (BBLs)	Pumps		Pressure(PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
18:30							Called out for Job
21:15							On Loc Rig
9:30 PM							Safety Meeting
9:45 PM							Rig up Equipment
11:20 PM							Start 8 5/8 Casing
0:30							Casing on Bottom Hook up Pc & circ iron
1:00							Break Circ with Rig
1:25 AM							PSI Test Lines to 2200
1:30		57.1					Pump 265sx 60/40 Poz @ 14.8#/gal
1:45							Shut Down Drop Plug
1:54		10					Pump Displacement
		15					
		20					
		22.3					
2:00							Shut Down - Shut in Casing
							Release PSI
							Job Complete

Size Hole	12 1/4 "	Depth			TYPE	
Size & Wt. Csg.	8 5/8" 24#	Depth	390'	New / Used	Packer	Depth
tbg.		Depth			Retainer	Depth
Top Plugs		Type			Perfs	CIBP

Customer Signature: <i>J. Emigdio Vazquez</i>	Basic Representative:	Daniel Beck
	Basic Signature:	<i>Daniel Beck</i>
	Date of Service:	11/21/2015

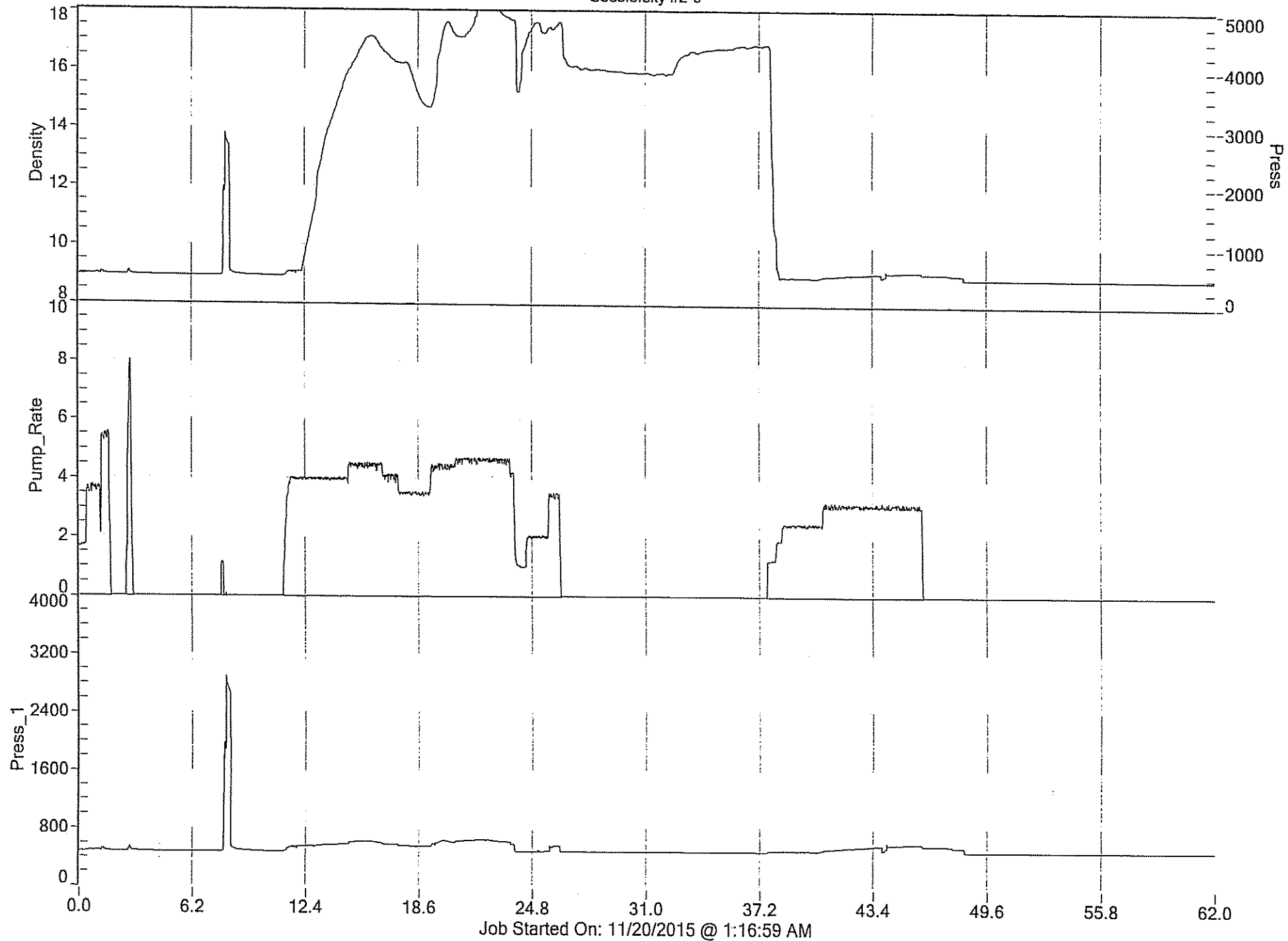
Lario Oil & Gas
Socolofsky #2-9



Job Started On: 11/20/2015 @ 1:16:59 AM

Lario Oil & Gas

Socolofsky #2-9



Job Started On: 11/20/2015 @ 1:16:59 AM



Liberal Yard #1717 Phone 620-624-2277 - 1700 S. Country Estate Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Lario Oil & Gas	Cement Pump No.:	38119-19570	Operator TRK No.:	78940
Address:		Ticket #:	1717-06639	Bulk TRK No.:	70897-37724 30463-37547
City, State, Zip:		Job Type:	Z42 PRODUCTION CASING		
Service District:		Well Type:	OIL		
Well Name and No.:	Socolofsky 2-9	Well Location:	9,17,31	County:	Scott State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
AA2	200	.5% Fluidloss, .3% Friction Reducer, .2% Defoamer, 10% Salt, 5#/sk Gilsonite	70897-37724	Front Back
A Con	380	3% Calcium Chloride, 1/4#/sk Cellflake	30463-37547	Front Back
				Front Back

Lead/Tail:	Weight #1 Gal.	Cu/Ft/sk	Water Requirements	CU. FT.	Man Hours / Personnel	
Lead:	15	1.42	6.02	284	Man Hours:	8
Tail:	11.6	2.77	16.75	1052.6	# of Men on Job:	4

Time (am/pm)	(BPM)	Volume (BBLS)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
20:00:00 PM							Called out for Job
							On Loc. Rig
2:00 AM							Start 4 1/2 Casing & Float Equipment
7:00 AM							Casing on Bottom Hook up PC and circ iron
7:00 AM							Break circ with rig
7:30							Circ to pit
10:45							Thru circ hook iron to PT
11:00 AM						3000	Psi Test Lines
11:05	5	12				200	Pump 500 Gallons of Super Flush
11:10	6	50.6				150	Pump 200sx of AA-2 @ 14.8#
11:25							Shut down clean lines & stuff plug
11:30	6	37				100	Pump Displacement H2O
11:40	6	37				100	Pump Displacement Mud
11:50	6	50				200	BBls in Lift Cement
11:55	2	65				600	BBls in Slow Rate
12:00		74				1200	Land Plug
12:03							Release float — Held
12:05							Drop Opening Plug
12:15	2	5				800	Open Stage tool
12:20							Circ with rig
2:30							Thru circ hook iron to PT
3:00							Psi Test Lines
2:30	3	13				50	Plug Rat and mouse holes w/ 50 sk

Size Hole	7 7/8"	Depth			TYPE		
Size & Wt. Csg.	4 1/2" 10.5#	Depth	4650'	New / Used	Packer	Depth	
DV	2332'	Depth	57 jt		Retainer	Depth	
SJ	15'	Type			Perfs	CIBP	

Customer Signature:	Basic Representative:	A Olvera
	Basic Signature:	
	Date of Service:	11/30/2015



Liberal Yard #1717 - Phone 620-624-2277 - 1700 S. Country Estate. Road, Liberal KS 67901

PRESSURE PUMPING Job Log

Customer:	Lario Oil & Gas	Cement Pump No.:	38119-19570	Operator TRK No.:	78940
Address:		Ticket #:	1717-06639	Bulk TRK No.:	70897-37724 30463-37547
City, State, Zip:		Job Type:	Z42 PRODUCTION CASING		
Service District:	Liberal Ks	Well Type:	OIL		
Well Name and No.:	Socolofsky 2-9	Well Location:	9,17,31	County:	Scott State: Ks

Type of Cmt	Sacks	Additives	Truck Loaded On	
			70897-37724	Front Back
			30463-37547	Front Back
				Front Back

Lead/Tail:	Weight #1 Gal.	Yield	Water Requirements	CU. FT.	Man Hours / Personnel
Lead:				0	Man Hours:
Tail:				0	# of Men on Job:

Time (am/pm)	Volume (BPM)	Volume (BBLs)	Pumps		Pressure (PSI)		Description of Operation and Materials
			T	C	Tubing	Casing	
15:00	6	163				100	Pump 330sx A-con @ 11.6#
15:15							Shut down drop plug
3:15 PM	6					100	Pump displacement
		30					Bbls in cement to surface
3:25 PM	3	25				600	BBls in Slow rate
15:30	0	37				1500	Land plug — Close Stage Tool
							Release Psi — Tool Closed
							Job Over

Size Hole	7 7/8"	Depth	0		TYPE	
Size & Wt. Csg.	4 1/2" 10.5#	Depth	4650'	New / Used	Packer	Depth
tbg.		Depth	57 jl		Retainer	Depth
Top Plugs	2332'	Type			Perfs	CIBP

Customer Signature:	Basic Representative:	A Olvera
	Basic Signature:	
	Date of Service:	11/30/2015