

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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FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0136

LOCATION Hoxie KS

FOREMAN Miles Shaw

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY												
7-5-20		Roblar #1	32	8 S	25 W	Graham												
CUSTOMER RL Investments			<table border="1"> <tr> <th>TRUCK #</th> <th>DRIVER</th> <th>TRUCK #</th> <th>DRIVER</th> </tr> <tr> <td>201</td> <td>Nick A</td> <td></td> <td></td> </tr> <tr> <td>102</td> <td>Sack T</td> <td></td> <td></td> </tr> </table>				TRUCK #	DRIVER	TRUCK #	DRIVER	201	Nick A			102	Sack T		
TRUCK #	DRIVER	TRUCK #					DRIVER											
201	Nick A																	
102	Sack T																	
MAILING ADDRESS																		
CITY	STATE	ZIP CODE																

JOB TYPE Surface HOLE SIZE 12.25" HOLE DEPTH 211' CASING SIZE & WEIGHT 8 5/8" 23#
 CASING DEPTH 211' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT 14.8 SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING 20'
 DISPLACEMENT 12.25bbl/s DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Safety Meetings & Rig up on STP drilling circulate using mix 17052 Class A 38cc 28sol dispense 12.25bbls water cement did circulate

Thanks Miles & crew

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PL002	1	PUMP CHARGE	1150.00	1150.00
M001	15	MILEAGE	6.50	97.50
M003	8.41 hrs	Ten Miles @ 70.00	70.00	600.00
CB004	170	Class A 38cc 28sol	24.50	4165.00
			Subtotal	6012.50
		1055 252 d	discount	1503.12
			Subtotal	4509.38
			SALES TAX	234.28
			ESTIMATED TOTAL	4743.66

AUTHORIZATION hoyu h

TITLE _____

DATE _____

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

APR # 15-065-24184-0000

GEOLOGICAL REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **RL Investments, LLC**

LEASE **Robles #1**

FIELD **Knoll Northwest**

LOCATION **417, E 1 & 124th E.W.**

SEC **32** TWP **8 S** RGE **25 W**

COUNTY **Lebanon** STATE **Kansas**

CONTRACTOR **STP Drilling LLC Rig #1**

SPUD **2-5-20** COMP **2-11-20**

SAMPLES SAVED FROM **3550' TO 3710'**

FORMATION TOPS AND STRUCTURAL POSITION

FORMATION SAMPLE E. LOG DATE

ANHYDRITE 2253 2253 + 298

Base Anhydrite 2285 2285 + 265

Topeka 3587 3587 - 1037

Hebbar 3798 3798 - 1248

Toronto 3818 3818 - 1248

Lansing 3836 3836 - 1286

Base Kansas City 4063 4063 - 1513

Total Depth 4120 4120 - 1572

REFERENCE WELLS

A Goodness, Tabor #1 - A Johnson NE: NW: NW Sec. 5 - 9 S. 25 W

B R. Jonesstand #1 - 2 Johnson NE: E: E: NW Sec. 5 - 9 S. 25 W

C R. Jonesstand #1 - 2 Johnson NE: E: E: NW Sec. 5 - 9 S. 25 W

D

ELEVATION **KB 2550'**

DF **2548'**

GL **2543'**

Depths Measured From **Log KB Drilling KB**

CASING **8 1/2" O.D. 2 1/2" ID**

Production **None**

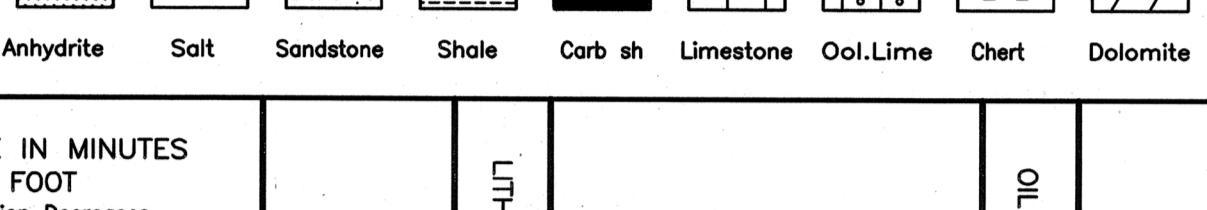
Production **None**

ELECTRIC LOGS **E.L.T.**

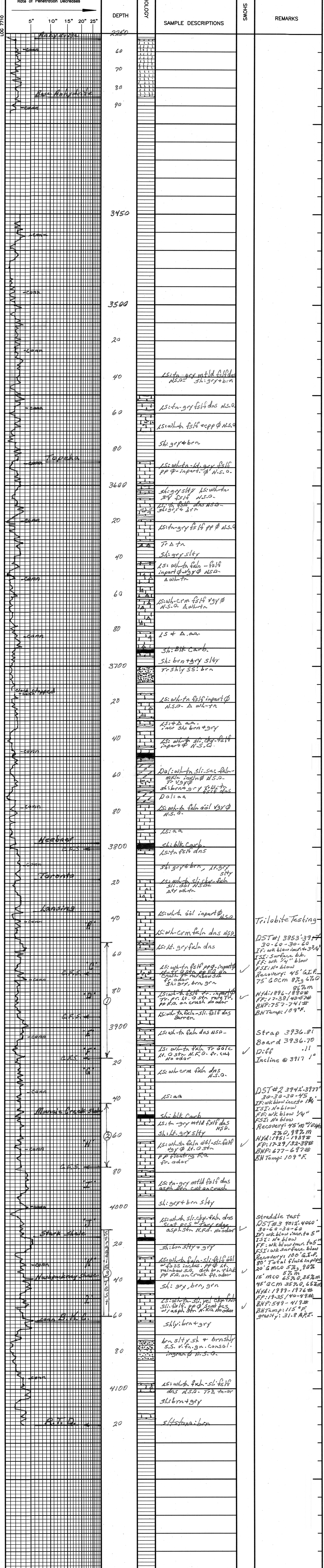
REMARKS

This well ran 9 feet higher to 14 feet lower on the Lansing top than the nearby reference wells. After evaluating all pertinent information it was decided this well should be plugged and abandoned.

LEGEND



Anhydrite Salt Sandstone Shale Carb sh Limestone Ool. Lime Chert Dolomite



LOG 7710

7502



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

RL Investments, LLC
2777 US HWY 24
Hill City, KS 67642
ATTN: Richard Bell

32/8s/25w Graham KS

Rohleder #1

Job Ticket: 66477

DST#: 1

Test Start: 2020.02.09 @ 23:41:00

GENERAL INFORMATION:

Formation: **LKC "C - F"**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 02:04:00
 Tester: James Winder
 Time Test Ended: 07:10:30
 Unit No: 83
 Interval: **3853.00 ft (KB) To 3917.00 ft (KB) (TVD)**
 Reference Elevations: 2550.00 ft (KB)
 Total Depth: 3917.00 ft (KB) (TVD)
 2544.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: Good
 KB to GR/CF: 6.00 ft

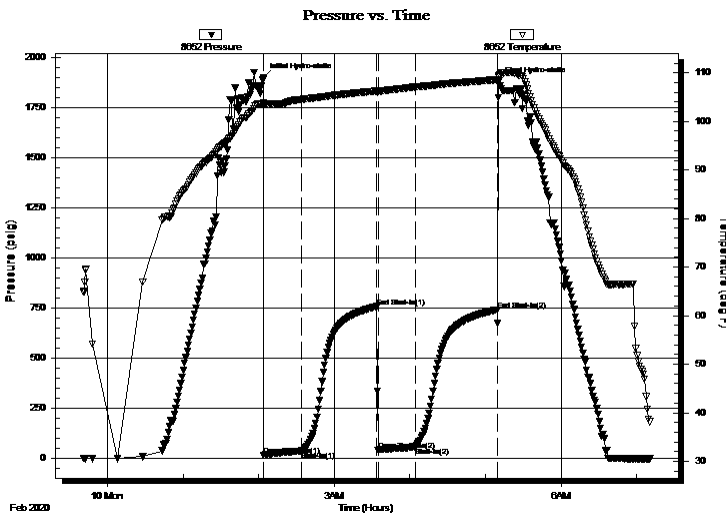
Serial #: 8652

Outside

Press@RunDepth: 56.53 psig @ 3854.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.02.09 End Date: 2020.02.10 Last Calib.: 2020.02.10
 Start Time: 23:41:05 End Time: 07:10:29 Time On Btm: 2020.02.10 @ 02:03:45
 Time Off Btm: 2020.02.10 @ 05:10:30

TEST COMMENT: 30 - IF: Blow built to 3 3/4"
 60 - IS: Weak surface blow back
 30 - FF: Blow built to 1/4"
 60 - FS: No blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1895.84	103.91	Initial Hydro-static
1	16.72	103.23	Open To Flow (1)
31	38.47	104.53	Shut-In(1)
90	757.24	106.25	End Shut-In(1)
91	42.69	106.20	Open To Flow (2)
121	56.53	107.07	Shut-In(2)
186	740.65	108.58	End Shut-In(2)
187	1880.17	109.37	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	SOCM 86% _m , 8% _g , 6% _o	0.37
0.00	GIP = 45'+	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investments, LLC

32/8s/25w Graham KS

2777 US HWY 24
Hill City, KS 67642

Rohleder #1

Job Ticket: 66477

DST#: 1

ATTN: Richard Bell

Test Start: 2020.02.09 @ 23:41:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	SOCM 86%m, 8%g, 6%o	0.369
0.00	GIP = 45'+	0.000

Total Length: 75.00 ft Total Volume: 0.369 bbl

Num Fluid Samples: 0

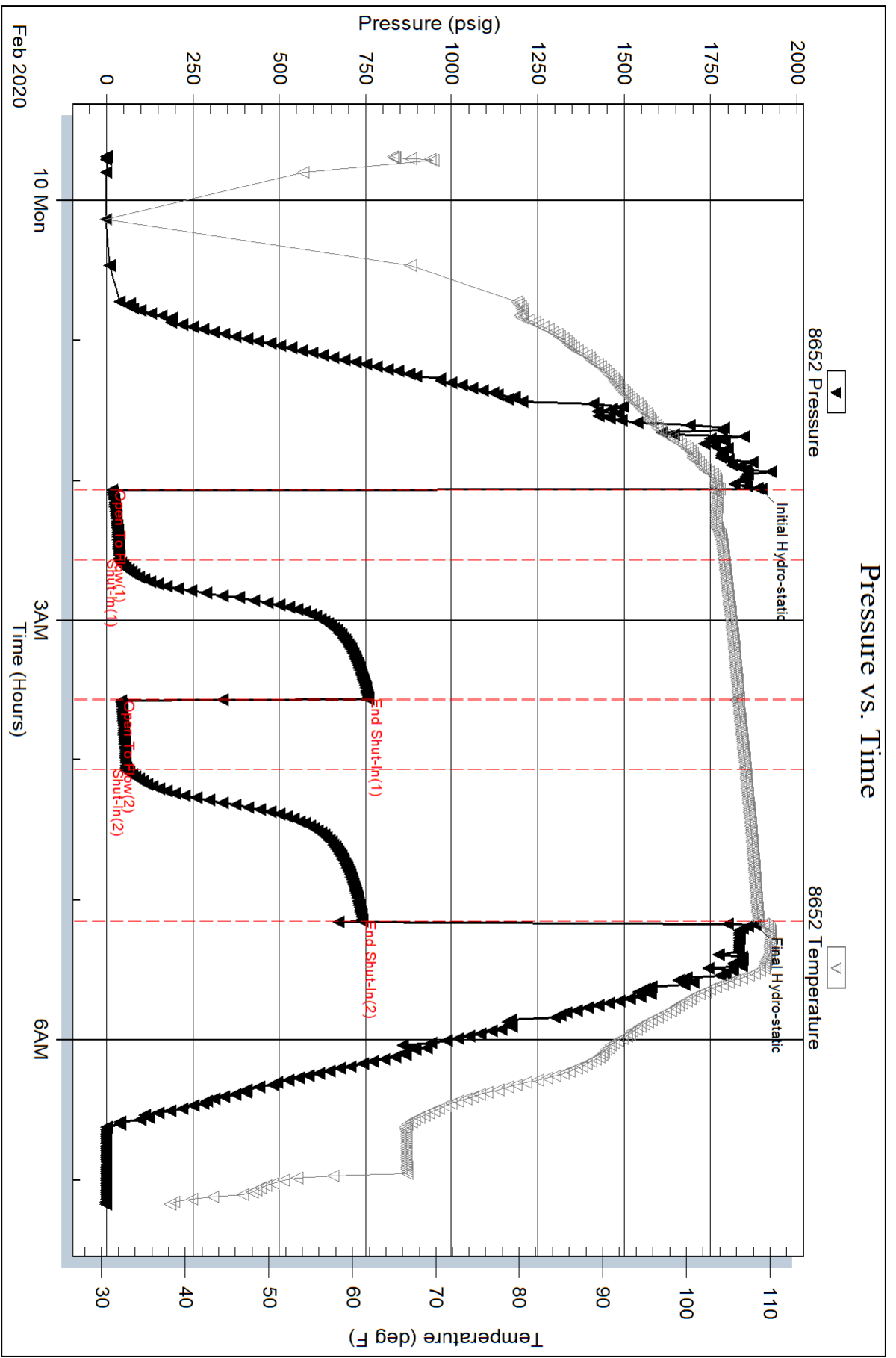
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:





**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

RL Investments, LLC
2777 US HWY 24
Hill City, KS 67642
ATTN: Richard Bell

32/8s/25w Graham KS

Rohleder #1

Job Ticket: 66479

DST#: 3

Test Start: 2020.02.11 @ 16:56:00

GENERAL INFORMATION:

Formation: **LKC "K"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:12:45
 Time Test Ended: 00:31:45
 Interval: **4012.00 ft (KB) To 4060.00 ft (KB) (TVD)**
 Total Depth: 4120.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Straddle (Reset)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 2550.00 ft (KB)
 2544.00 ft (CF)
 KB to GR/CF: 6.00 ft

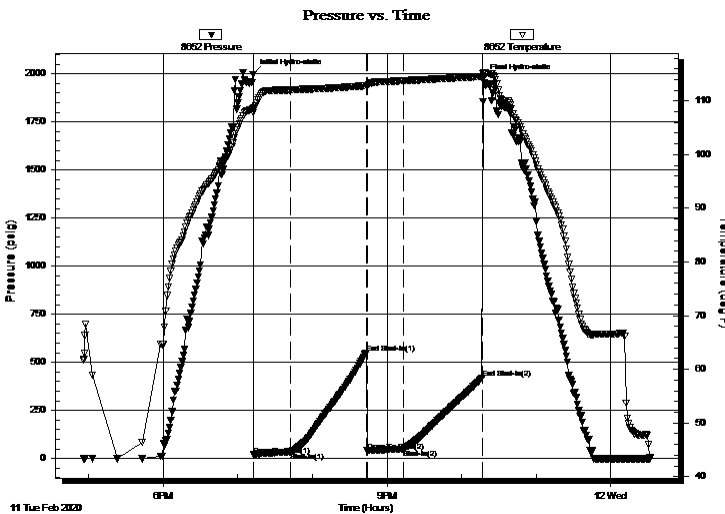
Serial #: 8652

Outside

Press@RunDepth: 49.47 psig @ 4013.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.02.11 End Date: 2020.02.12 Last Calib.: 2020.02.12
 Start Time: 16:56:05 End Time: 00:31:44 Time On Btm: 2020.02.11 @ 19:12:30
 Time Off Btm: 2020.02.11 @ 22:17:30

TEST COMMENT: 30 - IF: Blow built to about 5"
 60 - IS: No blow back
 30 - FF: Blow built to 5"
 60 - FS: Weak surface blow back

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1998.95	108.71	Initial Hydro-static
1	18.99	107.87	Open To Flow (1)
31	34.77	112.06	Shut-In(1)
91	549.43	112.85	End Shut-In(1)
92	40.18	112.88	Open To Flow (2)
121	49.47	113.78	Shut-In(2)
184	419.36	114.57	End Shut-In(2)
185	1976.31	115.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	OCM 65% _m , 35% _o	0.22
15.00	MCO 65% _o , 35% _m	0.07
20.00	SMCO 90% _o , 5% _g , 5% _m	0.10
0.00	GIP = 100'+	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

RL Investments, LLC

32/8s/25w Graham KS

2777 US HWY 24
Hill City, KS 67642

Rohleder #1

Job Ticket: 66479

DST#: 3

ATTN: Richard Bell

Test Start: 2020.02.11 @ 16:56:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

31.8 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	OCM 65% <i>m</i> , 35% <i>o</i>	0.221
15.00	MCO 65% <i>o</i> , 35% <i>m</i>	0.074
20.00	SMCO 90% <i>o</i> , 5% <i>g</i> , 5% <i>m</i>	0.098
0.00	GIP = 100'+	0.000

Total Length: 80.00 ft Total Volume: 0.393 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

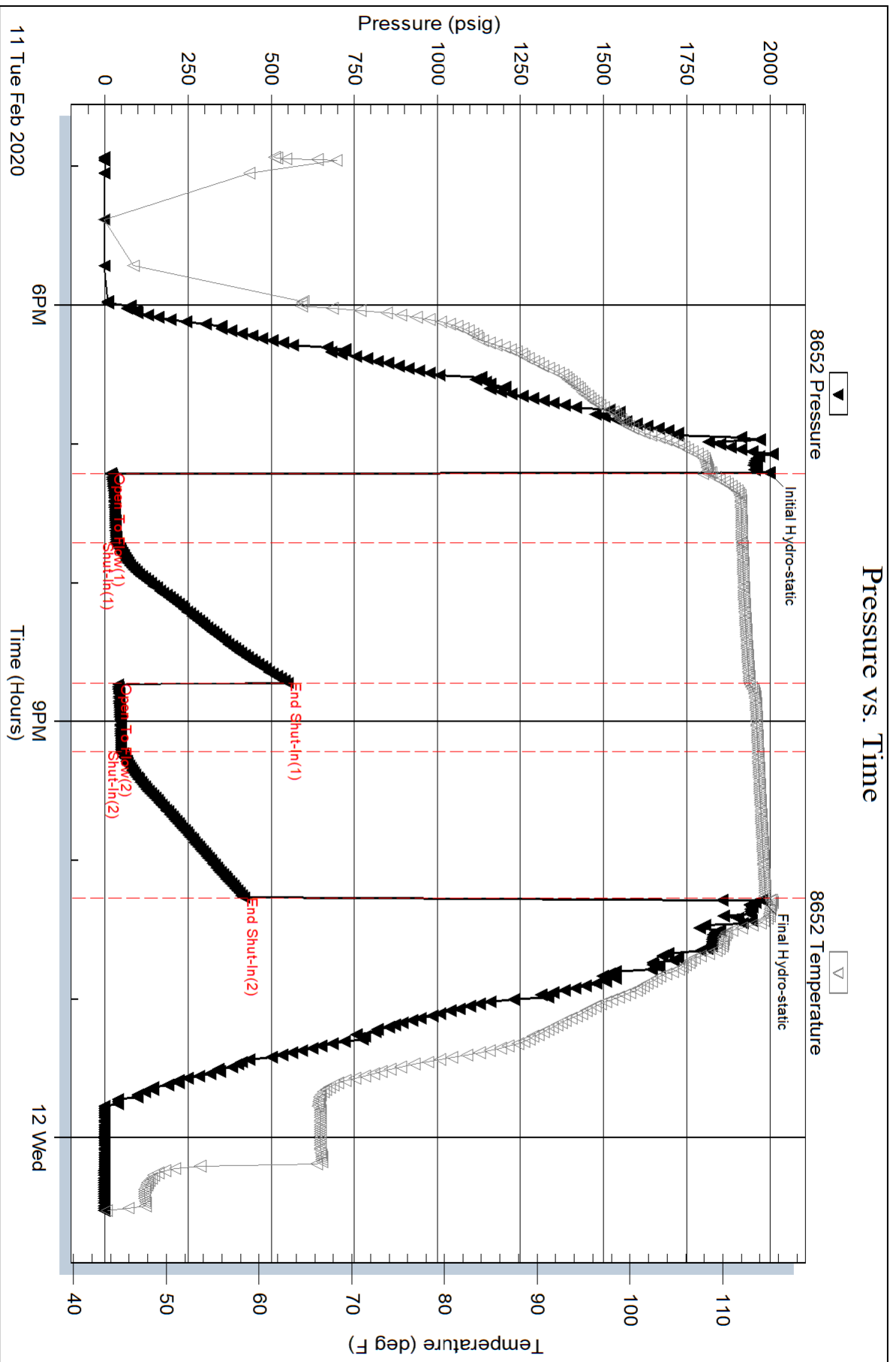
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: Gravity = 29 api @ 32 deg F Corrected Gravity = 31.8 api

Pressure vs. Time



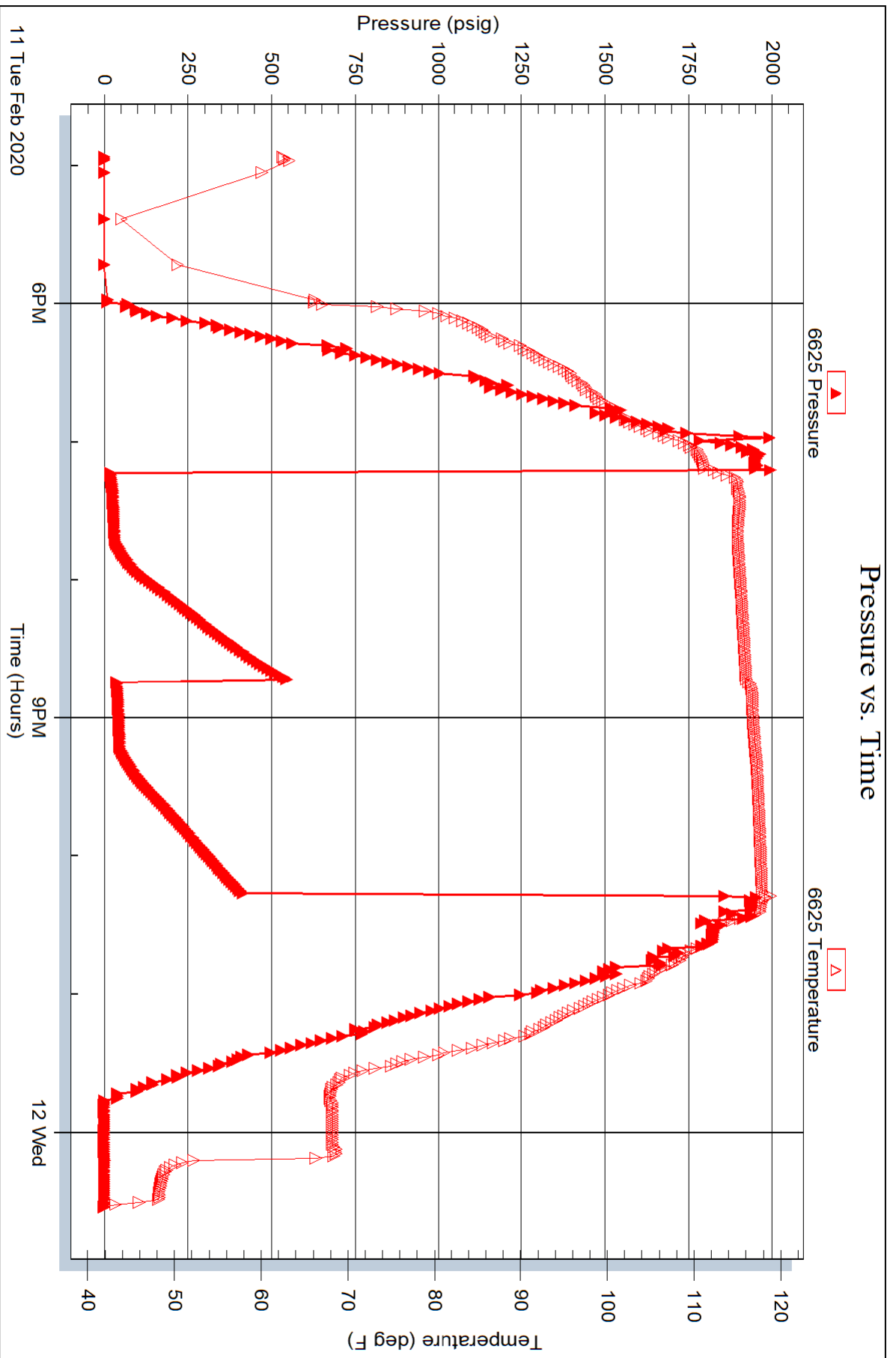
Serial #: 6625

Inside

RL Investments, LLC

Rohleder #1

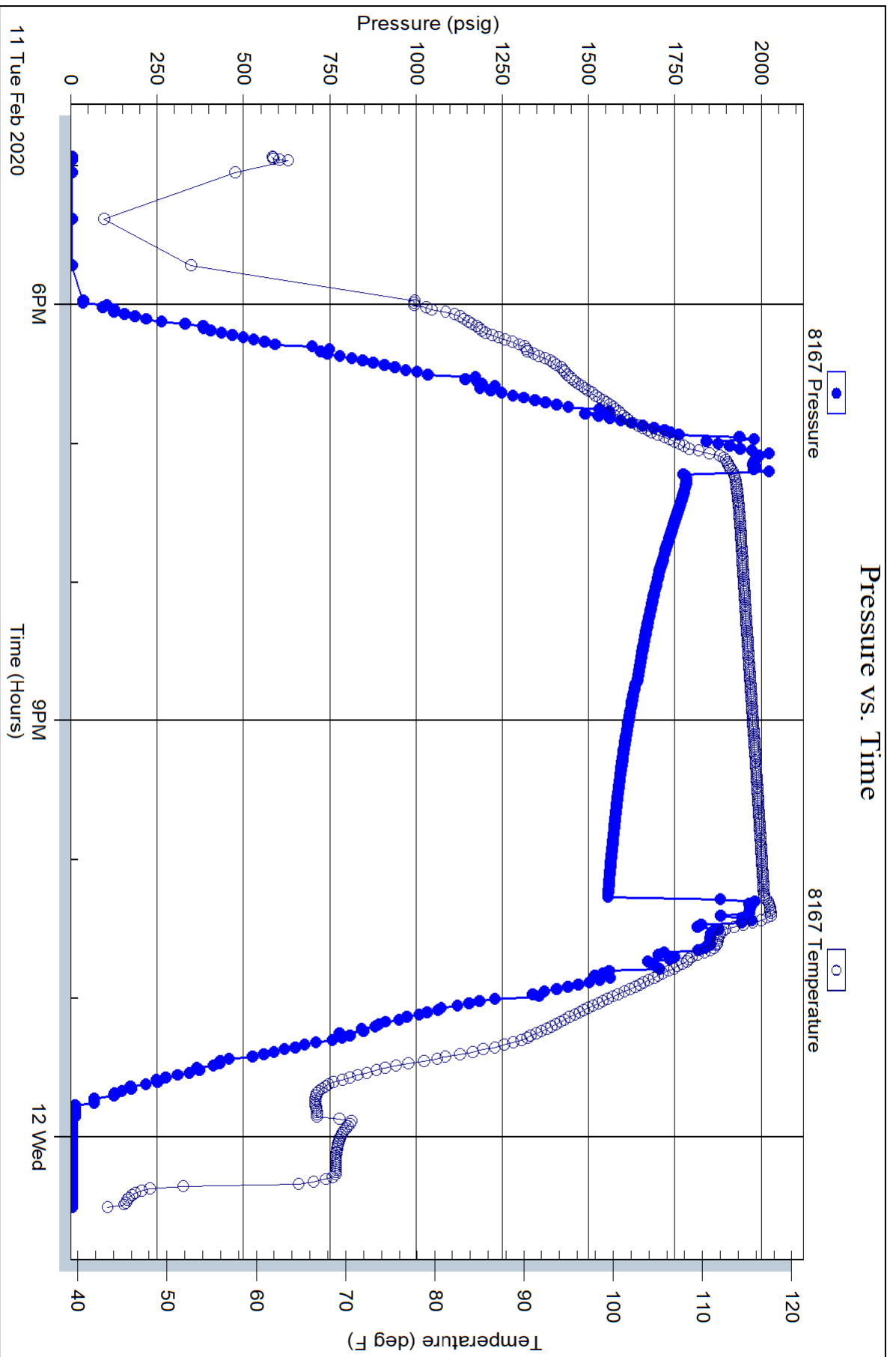
DST Test Number: 3

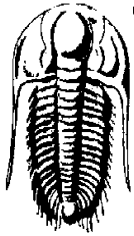


Trilobite Testing, Inc

Ref. No: 66479

Printed: 2020.02.12 @ 01:43:09





TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

RL Investments, LLC
 2777 US HWY 24
 Hill City, KS 67642
 ATTN: Richard Bell

32/8s/25w Graham KS

Rohleder #1

Job Ticket: 66478

DST#: 2

Test Start: 2020.02.10 @ 15:00:00

GENERAL INFORMATION:

Formation: **LKC "H"**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 16:57:15
 Time Test Ended: 20:56:45
 Interval: **3942.00 ft (KB) To 3977.00 ft (KB) (TVD)**
 Total Depth: 3977.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: James Winder
 Unit No: 83
 Reference Elevations: 2550.00 ft (KB)
 2544.00 ft (CF)
 KB to GR/CF: 6.00 ft

Serial #: 8652

Outside

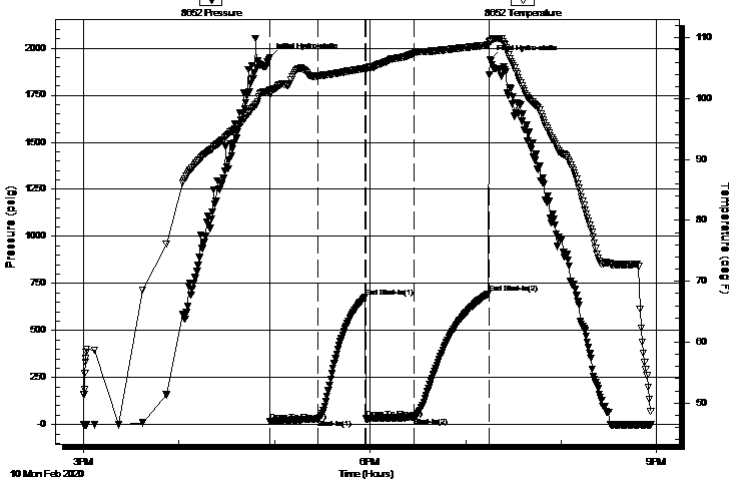
Press@RunDepth: 37.74 psig @ 3943.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2020.02.10 End Date: 2020.02.10 Last Calib.: 2020.02.10
 Start Time: 15:00:05 End Time: 20:56:44 Time On Btm: 2020.02.10 @ 16:57:00
 Time Off Btm: 2020.02.10 @ 19:15:30

TEST COMMENT: 30 - IF: Blow built to 1 3/4"
 30 - IS: No blow back
 30 - FF: Blow built to 1/4"
 45 - FS: No blow back

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1950.59	101.51	Initial Hydro-static
1	16.63	100.75	Open To Flow (1)
31	28.71	103.75	Shut-In(1)
60	676.80	104.99	End Shut-In(1)
61	31.59	104.75	Open To Flow (2)
91	37.74	107.43	Shut-In(2)
138	696.60	108.82	End Shut-In(2)
139	1938.55	109.42	Final Hydro-static

Pressure vs. Time



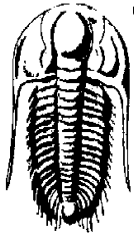
Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud w /Oil spots 98%m, 2%o	0.22

Gas Rates

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

* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

FLUID SUMMARY

RL Investments, LLC

32/8s/25w Graham KS

2777 US HWY 24
Hill City, KS 67642

Rohleder #1

Job Ticket: 66478

DST#: 2

ATTN: Richard Bell

Test Start: 2020.02.10 @ 15:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 57.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud w /Oil spots 98% _m , 2% _o	0.221

Total Length: 45.00 ft Total Volume: 0.221 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

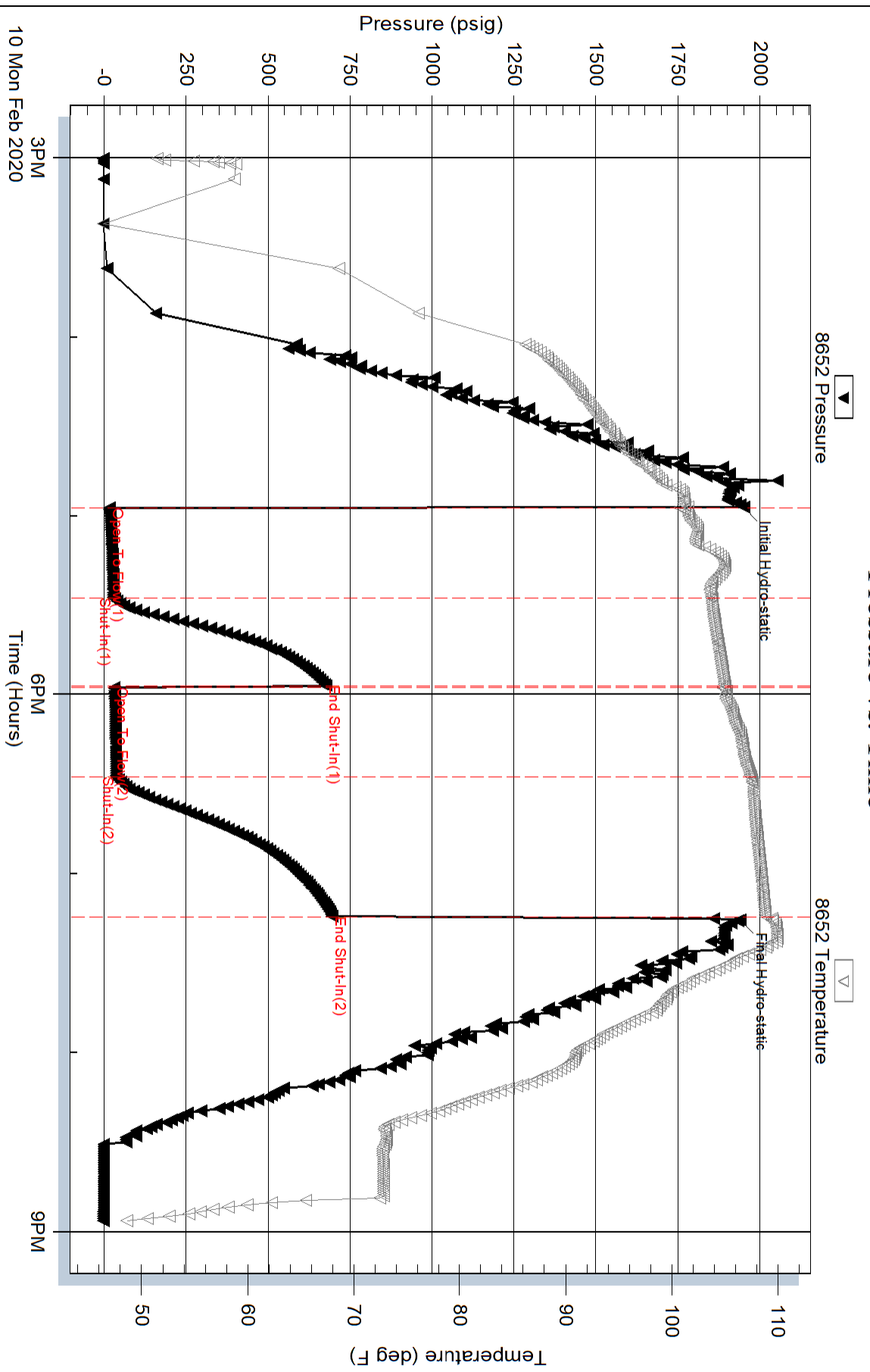
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:

Pressure vs. Time



Serial #: 6625

Inside

RL Investments, LLC

Rohleder #1

DST Test Number: 2

