

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) (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	Gore Oil Company
Well Name	ARLETA 1-27
Doc ID	1600169

All Electric Logs Run

DIL
CNL_CD
MEL
Sonic

Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	ARLETA 1-27
Doc ID	1600169

Tops

Name	Top	Datum
Anhydrite-Top	1749	+561
Anhydrite-Base	1796	+514
Topeka	3360	-1050
Heebner	3571	-1261
Toronto	3594	-1284
Lansing	3608	-1298
BKC	3845	-1535
Marmaton	3898	-1588
Arbuckle	3936	-1626

NOV 15 2021



QUALITY OILWELL CEMENTING, INC.
 PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 11/8/2021
 Invoice # 2588
 P.O.#:
 Due Date: 12/8/2021
 Division: *Russell*

Invoice

Contact:
 Gore Oil Company
Address/Job Location:

202 S. St. Francis
 Wichita Ks 67202

Reference:
 ARLETA 1-27 SEC 27-11-21

Description of Work:
 SURFACE JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 732.88	No				
Common-Class A	200	\$ 3,384.29	Yes				
Calcium Chloride	7	\$ 322.00	Yes				
Bulk Truck Matl-Material Service Charge	211	\$ 173.32	No				
Pump Truck Mileage-Job to Nearest Camp	28	\$ 103.50	No				
Premium Gel (Bentonite)	4	\$ 95.29	Yes				
Bulk Truck Mileage-Job to Nearest Bulk Plant	28	\$ 80.50	No				

Invoice Terms:

Net 30

SubTotal: \$ 4,891.77
 Discount Available ONLY if Invoice is Paid & Received
 within listed terms of invoice: \$ (122.29)

SubTotal for Taxable Items:	\$ 3,706.53
SubTotal for Non-Taxable Items:	\$ 1,062.95
Total:	\$ 4,769.48
Tax:	\$ 277.99

7.50% Trego County Sales Tax

Thank You For Your Business!

Amount Due: \$ 5,047.47
Applied Payments:
Balance Due: \$ 5,047.47

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
 ©2008-2013 Straker Investments, LLC. All rights reserved.

2111
 QUAL OI
 111010-105
 vscan

QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071
Cell 785-324-1041

Home Office P.O. Box 32 Russell, KS 67665

No. 2588

Date	11-8-21	Sec.	27	Twp.	11	Range	21	County	TREGO	State	KS	On Location		Finish	11:30pm
------	---------	------	----	------	----	-------	----	--------	-------	-------	----	-------------	--	--------	---------

Location *Rigg 65W*

Lease *ARLETA* Well No. *1-27* Owner

Contractor *MUFIN #16* To Quality Oilwell Cementing, Inc.
Type Job *SURFACE* You are hereby requested to rent cementing equipment and furnish
Hole Size *12 1/2* T.D. *324* Charge To *Gore Oil Co.*
Csg. *8 5/8* Depth Street
Tbg. Size Depth City State
Tool Depth The above was done to satisfaction and supervision of owner agent or contractor.

Cement Left in Csg. *15* Shoe Joint Cement Amount Ordered *200y Cum 3-2*

Meas Line Displace *19.36 bbls*

EQUIPMENT

Pumptrk	20	No.	Cementer	<i>Bill</i>	Common	<i>200</i>
			Helper		Poz. Mix	
Bulktrk		No.	Driver	<i>CRAIG</i>	Gel.	<i>4</i>
			Driver		Calcium	<i>7</i>
Bulktrk	1	No.	Driver	<i>Jordan</i>		
			Driver			

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal
Centralizers	Kol-Seal
Baskets	Mud CLR 48
DV or Port Collar	CFL-117 or CD110 CAF 38
<i>RUN 9 JTS 8 5/8 pet e 319</i>	Sand
	Handling <i>211</i>
	Mileage

FLOAT EQUIPMENT

<i>Cement w/ 200y</i>	Guide Shoe
<i>pump plug w/ 19.36 bbls</i>	Centralizer
<i>Cement did cure</i>	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

Pumptrk Charge *Surface*
Mileage *28*

Signature *Ang [unclear]* Tax
Discount
Total Charge

Thanks



P. O. Box 466
Ness City, KS 67560
Off: 785-798-2300



Invoice

DATE	INVOICE #
11/19/2021	34088

BILL TO
Gore Oil Company 202 Karrer PO Box 878 McCook, NE 69001-0878

- Acidizing
- Cement
- Tool Rental

Arieta

TERMS	Well No.	Lease	County	Contractor	Well Type	Well Category	Job Purpose	Operator
Net 30	#1-27	Arieta	Trego	Murfin	Oil	Development	Top/Btm Longstr...	David E
PRICE REF.	DESCRIPTION				QTY	UM	UNIT PRICE	AMOUNT
575D	Mileage - 1 Way				40	Miles	6.00	240.00
579D	Pump Charge - Two-Stage & Top To Bottom LongString				1	Job	2,050.00	2,050.00
280	Flocheck 21				330	Gallon(s)	3.50	1,155.00T
221	Liquid KCL (Clayfix)				2	Gallon(s)	25.00	50.00
403-5	5 1/2" Cement Basket				4	Each	275.00	1,100.00T
406-5	5 1/2" Latch Down Plug & Baffle				1	Each	250.00	250.00T
407-5	5 1/2" Insert Float Shoe With Auto Fill				1	Each	325.00	325.00T
409-5	5 1/2" Turbolizer				10	Each	90.00	900.00T
413-5	5 1/2" Roto Wall Scratcher				30	Each	35.00	1,050.00T
419-5	5 1/2" Rotating Head Rental				1	Each	250.00	250.00T
330	Swift Multi-Density Standard (MIDCON II)				570	Sacks	18.00	10,260.00T
276	Flocele				150	Lb(s)	3.00	450.00T
581D	Service Charge Cement				570	Sacks	2.00	1,140.00
583D	Drayage				1,139	Ton Miles	1.00	1,139.00
	Subtotal							20,359.00
	Sales Tax Trego County						7.50%	1,180.50

DATE RECEIVED

DEC 1

McCOOK, NE

2111 SWIFSE 111010-105 scan

We Appreciate Your Business!

Total

\$21,539.50

JF



TICKET 34088

PAGE 1 OF 1

CHARGE TO: Gode Oil Co
 ADDRESS _____
 CITY, STATE, ZIP CODE _____

WELL/PROJECT NO. 1-27 COUNTY/PARISH ARIZONA STATE KS CITY _____
 TICKET TYPE SERVICE SALES CONTRACTOR MORFIN RIG NAME/NO. _____
 WELL TYPE oil WELL CATEGORY Development Top to Bottom JOB PURPOSE _____
 INVOICE INSTRUCTIONS _____
 REFERRAL LOCATION _____

DATE 11/19/21 ORDER NO. _____
 DELIVERED TO LOCATION WELL PERMIT NO. _____
 WELL LOCATION _____

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING		DESCRIPTION	QTY.	U/M	QTY.	U/M	UNIT PRICE	AMOUNT
		LOC	ACCT							
S75					40	mi			6.00	240.00
S79				MILEAGE TRK # 111	1	EA			2050.00	2050.00
280				PUMP CHARGE - TOP TO BTM	330	6m			3.50	1155.00
228				FLOCHECK 21	2	6m			25.00	50.00
403				LIQUID KEE	4	BA	S 1/2		275.00	1100.00
406				CEMENT BASKET	1	EA			250.00	250.00
407				LATCH DOWN PLUG & BASKET	1	EA			325.00	325.00
409				INSERT FLOCHECK AT AUTO FILL	10	EA			90.00	900.00
413				TURBOLIZER	30	EA			35.00	1050.00
419				ROAD WALK SCRATCHER	1	EA			250.00	250.00
				ROTATING HEAD RENTAL						

LEGAL TERMS: Customer hereby acknowledges and agrees to the terms and conditions on the reverse side hereof which include, but are not limited to, PAYMENT, RELEASE, INDEMNITY, and LIMITED WARRANTY provisions.

MUST BE SIGNED BY CUSTOMER OR CUSTOMER'S AGENT PRIOR TO START OF WORK OR DELIVERY OF GOODS.

X

DATE SIGNED 11/19/21 TIME SIGNED 2:29 A.M. P.M.

REMIT PAYMENT TO:
 SWIFT SERVICES, INC.
 P.O. BOX 466
 NESS CITY, KS 67560
 785-798-2300

OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN? YES NO
 WE UNDERSTOOD AND MET YOUR NEEDS? YES NO
 OUR SERVICE WAS PERFORMED WITHOUT DELAY? YES NO
 WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY? YES NO
 ARE YOU SATISFIED WITH OUR SERVICE? YES NO

CUSTOMER DID NOT WISH TO RESPOND

DATE SIGNED 11/19/21 TIME SIGNED 2:29 A.M. P.M.

CUSTOMER ACCEPTANCE OF MATERIALS AND SERVICES The customer hereby acknowledges receipt of the materials and services listed on this ticket.

SWIFT OPERATOR _____ APPROVAL _____

PAGE TOTAL 8.1 7370.00
0.2 12989.00
 TOTAL 144 20359.00
1180.50
21539.50

Thank You!

JOB LOG

SWIFT Services, Inc.

DATE 11/19/21 PAGE NO. 3
TICKET NO. 34088

CUSTOMER
Gore Oil Co

WELL NO.
1-27

LEASE
Arleta

JOB TYPE
TOP to Bottom

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1430							ON location
								Csg - 5 1/2 x 15.5 #
								RTD - 4060'
								SHOE - 11.70
								CENTRALIZERS - 1, 3, 5, 7, 9, 11, 13, 28, 56, 80
								BASKETS - 13, 28, 56, 80
	1630							START Running Csg
	1840							CIRCULATE ON BOTTOM
	1935	1.5	8			0		plug rat. hole - 30 sx
		2.5	4			0		plug mouse hole - 15 sx
		5.5	15			500		pump KCL spacer - 15 BBL
		5.5	7.75			500		pump Flocheck 21 - 330 GAL
		5.5	5			500		pump KCL SPACER - 5 BBL
		7	0			500		START CMT - 175 sx @ 11.2 PPA
		7	97			500		Raise wgt to 11.4 PPA For 175 sx
		5	190			400		Raise wgt to 14.5 For 175 sx
		5	236			400		END CMT
	2040	7	0			0		Drop plug - WASH P&L
		6.25	70			1100		START Disp
	2100	5.5	96.4			1400		CIRC CMT - 40 sx to pit
								Land plug @ 2000 psi
								RELEASE PSI - DRY.
								JOB COMPLETE
								THANKS
								DAVID, SETH, JOE, JOHN, MARK



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

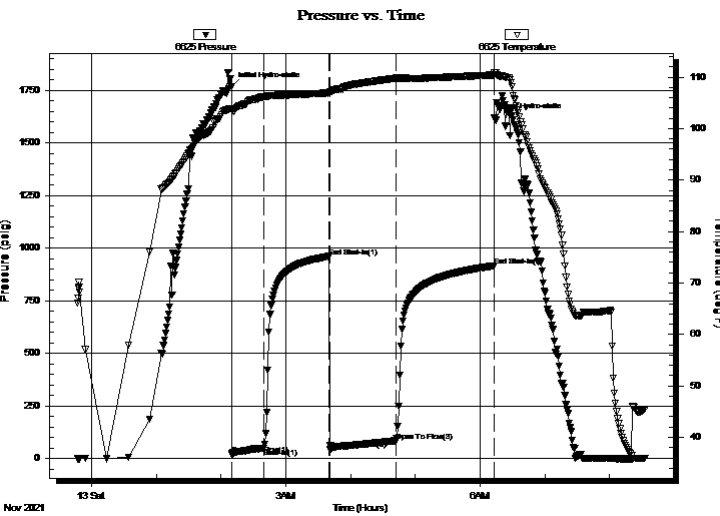
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68272 **DST#: 1**
 Test Start: 2021.11.12 @ 23:47:00

GENERAL INFORMATION:

Formation: **Toronto- LKC B**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:10:00
 Time Test Ended: 08:33:00
 Interval: **3570.00 ft (KB) To 3638.00 ft (KB) (TVD)**
 Total Depth: 3638.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 49.40 psig @ 3571.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.12 End Date: 2021.11.13 Last Calib.: 2021.11.13
 Start Time: 23:47:05 End Time: 08:33:00 Time On Btm: 2021.11.13 @ 02:09:30
 Time Off Btm: 2021.11.13 @ 06:13:30

TEST COMMENT: IF-30- BOB in 29 min, Built to 12 1/4"
 SI1-60- No return
 FF-60- BOB in 25 min, Built to 17 1/4"
 SI2-90- Built to 1 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1765.86	103.93	Initial Hydro-static
1	19.00	103.59	Open To Flow (1)
31	49.40	106.21	Shut-In(1)
91	960.27	106.94	End Shut-In(1)
92	43.73	107.17	Open To Flow (2)
153	83.57	109.79	Open To Flow (3)
244	915.21	110.40	End Shut-In(2)
244	1620.96	110.82	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	GOCMW 5%gas 5%oil 50%water 40%ml	0.60
63.00	GOCWM 5%gas 15%oil 10%water 70%ml	0.88
30.00	GOCM 5%gas 15%oil 80%mud	0.42
10.00	oil 100%	0.14
0.00	215 GIP	0.00

Gas Rates

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

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

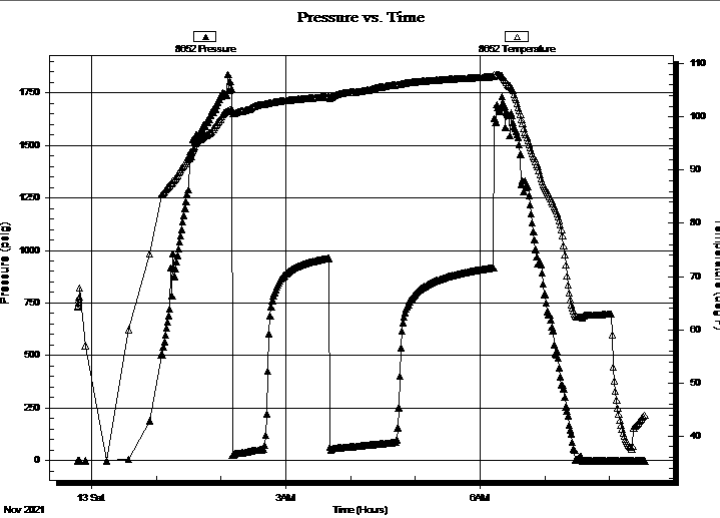
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68272 **DST#: 1**
 Test Start: 2021.11.12 @ 23:47:00

GENERAL INFORMATION:

Formation: Toronto- LKC B		
Deviated: No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened: 02:10:00		Tester: Dustin Day
Time Test Ended: 08:33:00		Unit No: 70
Interval: 3570.00 ft (KB) To 3638.00 ft (KB) (TVD)		Reference Elevations: 2310.00 ft (KB)
Total Depth: 3638.00 ft (KB) (TVD)		2305.00 ft (CF)
Hole Diameter: 7.88 inches	Hole Condition:	KB to GR/CF: 5.00 ft

Serial #: 8652	Outside		
Press@RunDepth: psig @ 3571.00 ft (KB)		Capacity: 8000.00 psig	
Start Date: 2021.11.12	End Date: 2021.11.13	Last Calib.: 2021.11.13	
Start Time: 23:47:05	End Time: 08:33:00	Time On Btm:	Time Off Btm:

TEST COMMENT: IF-30- BOB in 29 min, Built to 12 1/4"
 SI1-60- No return
 FF-60- BOB in 25 min, Built to 17 1/4"
 SI2-90- Built to 1 3/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
63.00	GOCMW 5%gas 5%oil 50%w ater 40%ml	0.60
63.00	GOCWM 5%gas 15%oil 10%w ater 70%n	0.88
30.00	GOCM 5%gas 15%oil 80%mud	0.42
10.00	oil 100%	0.14
0.00	215 GIP	0.00

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68272

DST#: 1

ATTN: Marc Downing

Test Start: 2021.11.12 @ 23:47:00

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: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	GOCMW 5%gas 5%oil 50%water 40%mud	0.601
63.00	GOCWM 5%gas 15%oil 10%water 70%mud	0.884
30.00	GOCM 5%gas 15%oil 80%mud	0.421
10.00	oil 100%	0.140
0.00	215 GIP	0.000

Total Length: 166.00 ft

Total Volume: 2.046 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

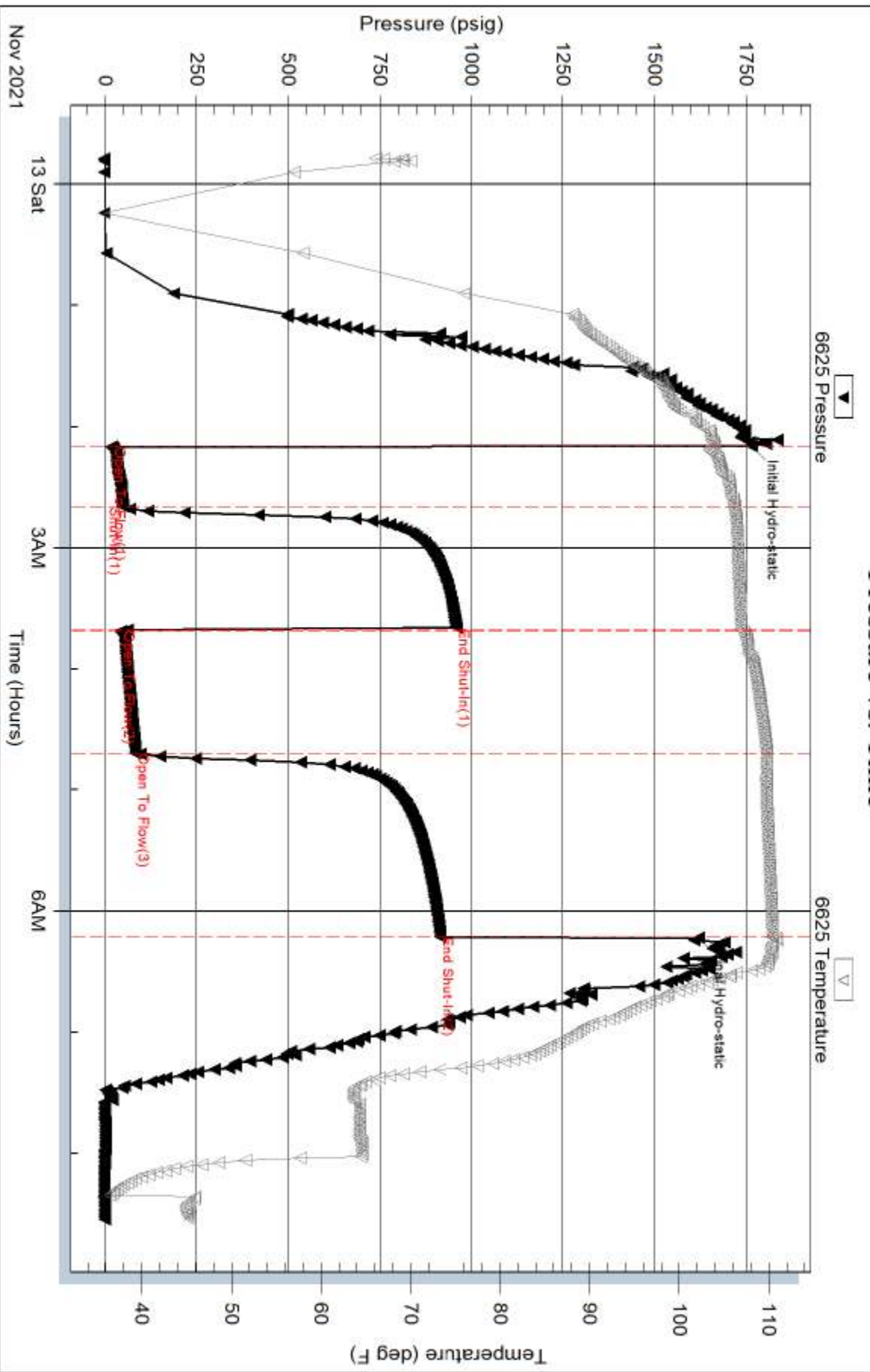
Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

Pressure vs. Time

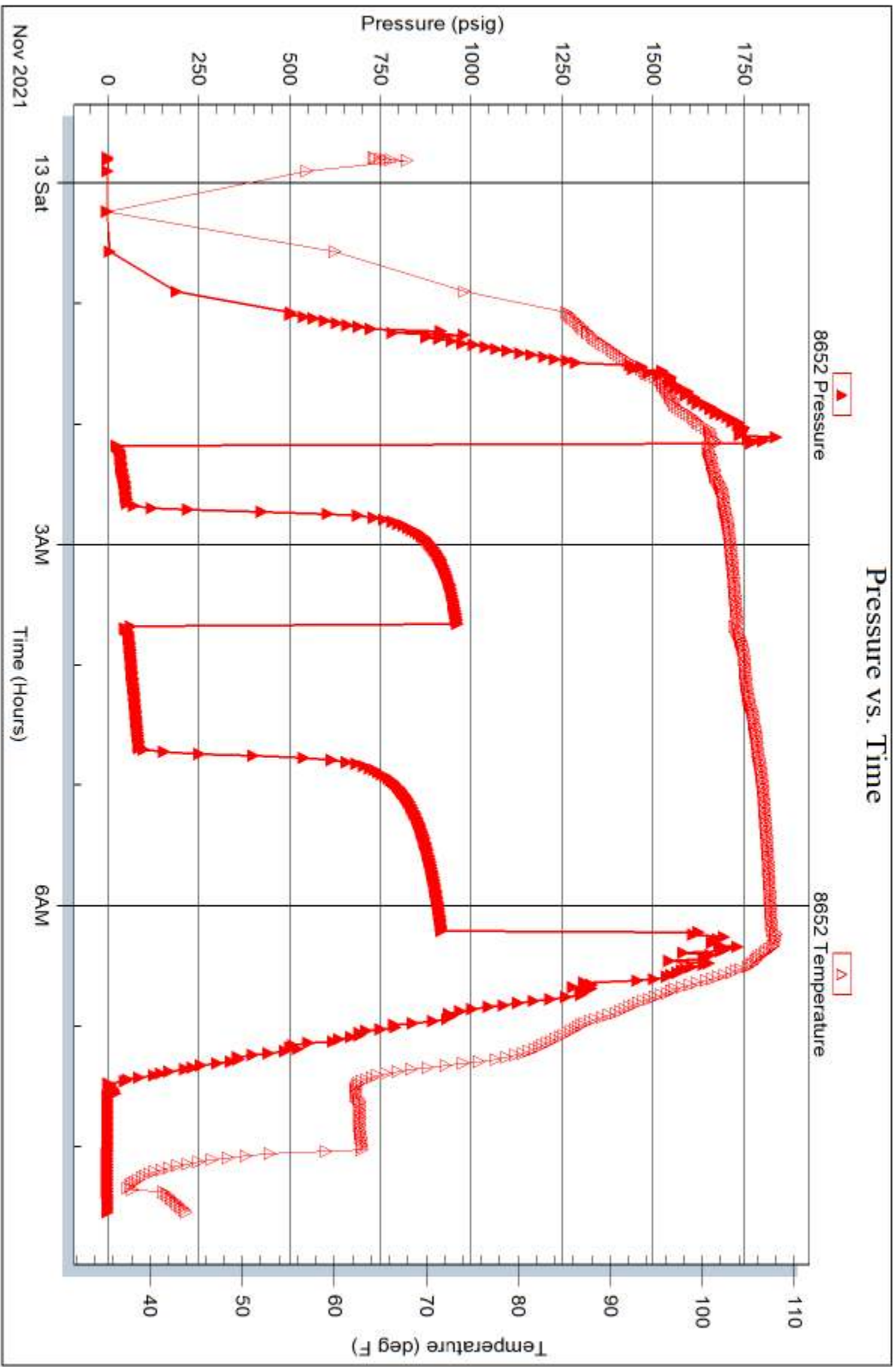


Serial #: 8652

Outside Gore Oil Company

Arteta #1-27

DST Test Number: 1





**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company
202 S ST Francis Ave.
Wichita, KS 67202
ATTN: Marc Downing

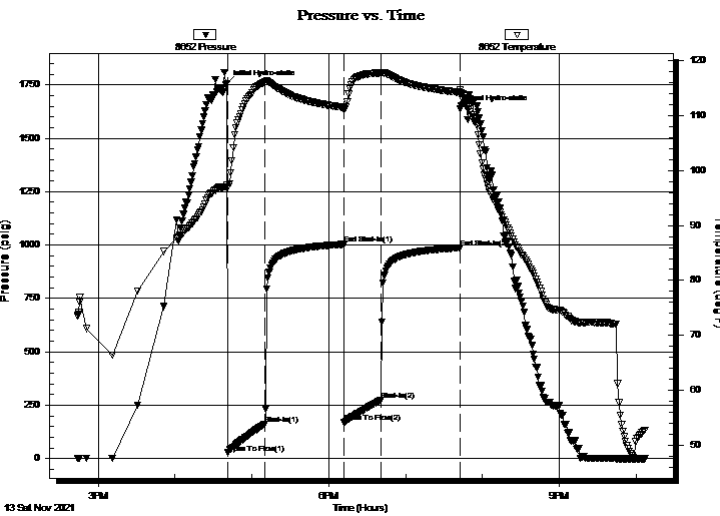
27_11_21 Trego KS
Arleta #1-27
Job Ticket: 68273 **DST#: 2**
Test Start: 2021.11.13 @ 14:44:00

GENERAL INFORMATION:

Formation: **LKC C**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 16:41:15
Time Test Ended: 22:06:45
Interval: **3634.00 ft (KB) To 3660.00 ft (KB) (TVD)**
Total Depth: 3660.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Reset)
Tester: Dustin Day
Unit No: 70
Reference Elevations: 2310.00 ft (KB)
2305.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
Press@RunDepth: 274.31 psig @ 3635.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.11.13 End Date: 2021.11.13 Last Calib.: 2021.11.13
Start Time: 14:44:05 End Time: 22:06:44 Time On Btm: 2021.11.13 @ 16:40:45
Time Off Btm: 2021.11.13 @ 19:42:30

TEST COMMENT: IF-30- BOB in 10 min, Built to 31"
SI1-60- No return
FF-30- BOB in 11 min, Built to 26 1/4"
SI2-60- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1753.53	97.44	Initial Hydro-static
1	26.01	96.88	Open To Flow (1)
30	162.20	116.15	Shut-In(1)
91	1003.10	111.49	End Shut-In(1)
91	168.38	111.09	Open To Flow (2)
121	274.31	117.72	Shut-In(2)
182	987.62	114.18	End Shut-In(2)
182	1635.50	114.65	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
524.00	MCW 10% myd 90% w ater	7.07
2.00	oil 100%	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

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68273

DST#: 2

ATTN: Marc Downing

Test Start: 2021.11.13 @ 14:44:00

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: 48.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
524.00	MCW 10% myd 90% w ater	7.068
2.00	oil 100%	0.028

Total Length: 526.00 ft

Total Volume: 7.096 bbl

Num Fluid Samples: 0

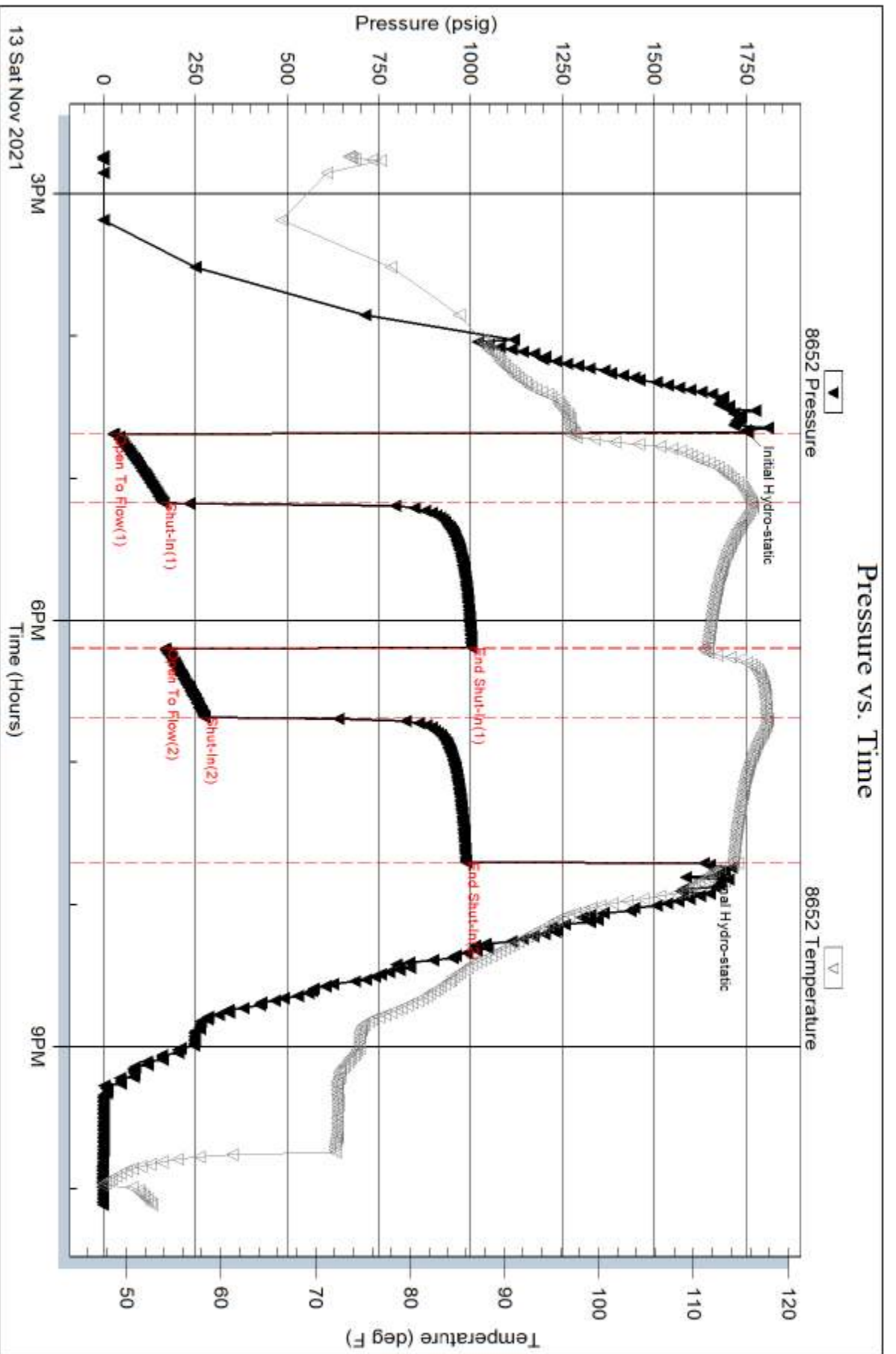
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 4# LCM



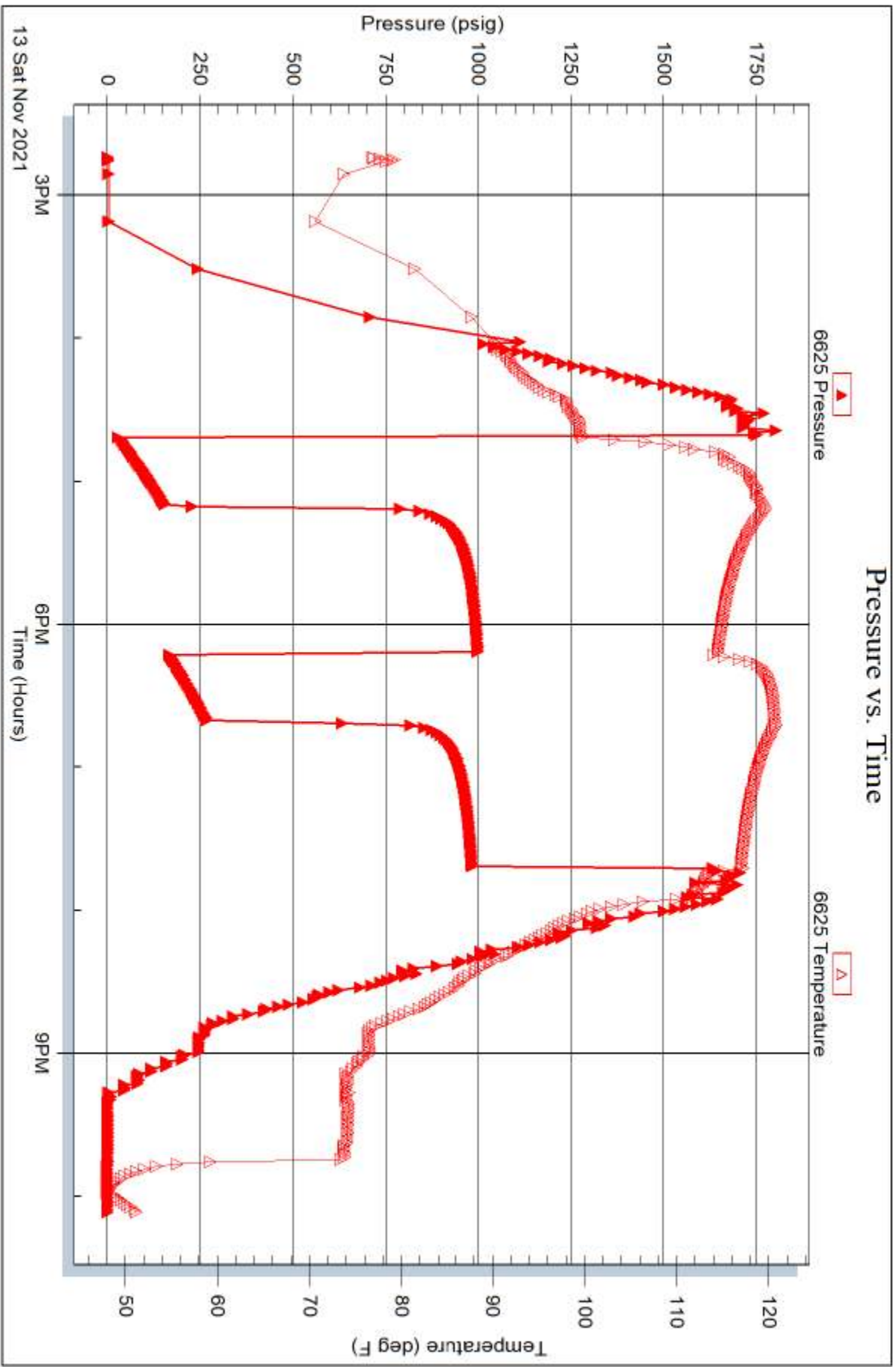
Serial #: 6625

Inside

Gore Oil Company

Arleta #1-27

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 66273

Printed: 2021.11.13 @ 22:54:11



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company
202 S ST Francis Ave.
Wichita, KS 67202
ATTN: Marc Downing

27_11_21 Trego KS
Arleta #1-27
Job Ticket: 68274 **DST#: 3**
Test Start: 2021.11.14 @ 07:10:00

GENERAL INFORMATION:

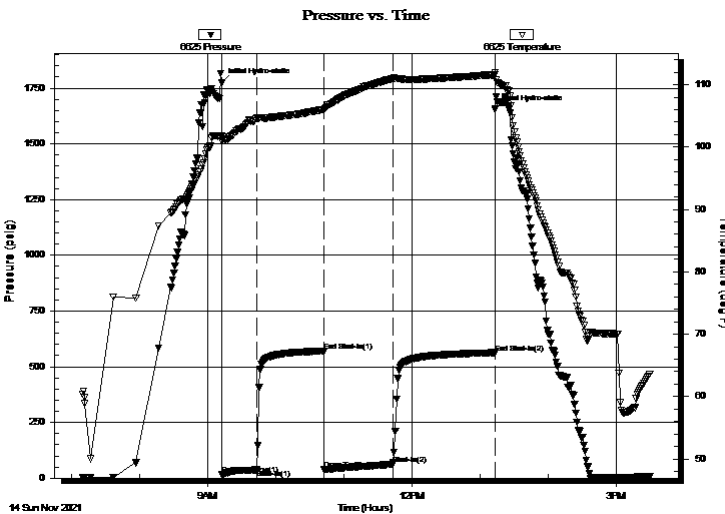
Formation: **LKC E-G**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 09:13:00
Time Test Ended: 15:30:15
Interval: **3672.00 ft (KB) To 3711.00 ft (KB) (TVD)**
Total Depth: 3711.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Reset)
Tester: Dustin Day
Unit No: 70
Reference Elevations: 2310.00 ft (KB)
2305.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 6625 Inside

Press@RunDepth: 62.36 psig @ 3673.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.11.14 End Date: 2021.11.14 Last Calib.: 2021.11.14
Start Time: 07:10:05 End Time: 15:30:14 Time On Btm: 2021.11.14 @ 09:12:45
Time Off Btm: 2021.11.14 @ 13:13:15

TEST COMMENT: IF-30- Built to 4 1/2"
SI1-60- no return
FF-60- Built to 6 3/4"
SI2-90- Built to 1/2"

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1773.01	101.88	Initial Hydro-static
1	15.76	101.05	Open To Flow (1)
31	37.94	104.63	Shut-In(1)
90	570.53	106.00	End Shut-In(1)
91	39.87	106.00	Open To Flow (2)
151	62.36	111.01	Shut-In(2)
241	562.88	111.58	End Shut-In(2)
241	1654.87	111.97	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
63.00	WCM 20% w ater 80% mud	0.60
45.00	MCW 30% mud 70% w ater	0.63
2.00	oil 100%	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

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68274

DST#: 3

ATTN: Marc Downing

Test Start: 2021.11.14 @ 07:10:00

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:

32000 ppm

Viscosity: 53.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.19 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 5000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
63.00	WCM 20% water 80% mud	0.601
45.00	MCW 30% mud 70% water	0.631
2.00	oil 100%	0.028

Total Length: 110.00 ft

Total Volume: 1.260 bbl

Num Fluid Samples: 0

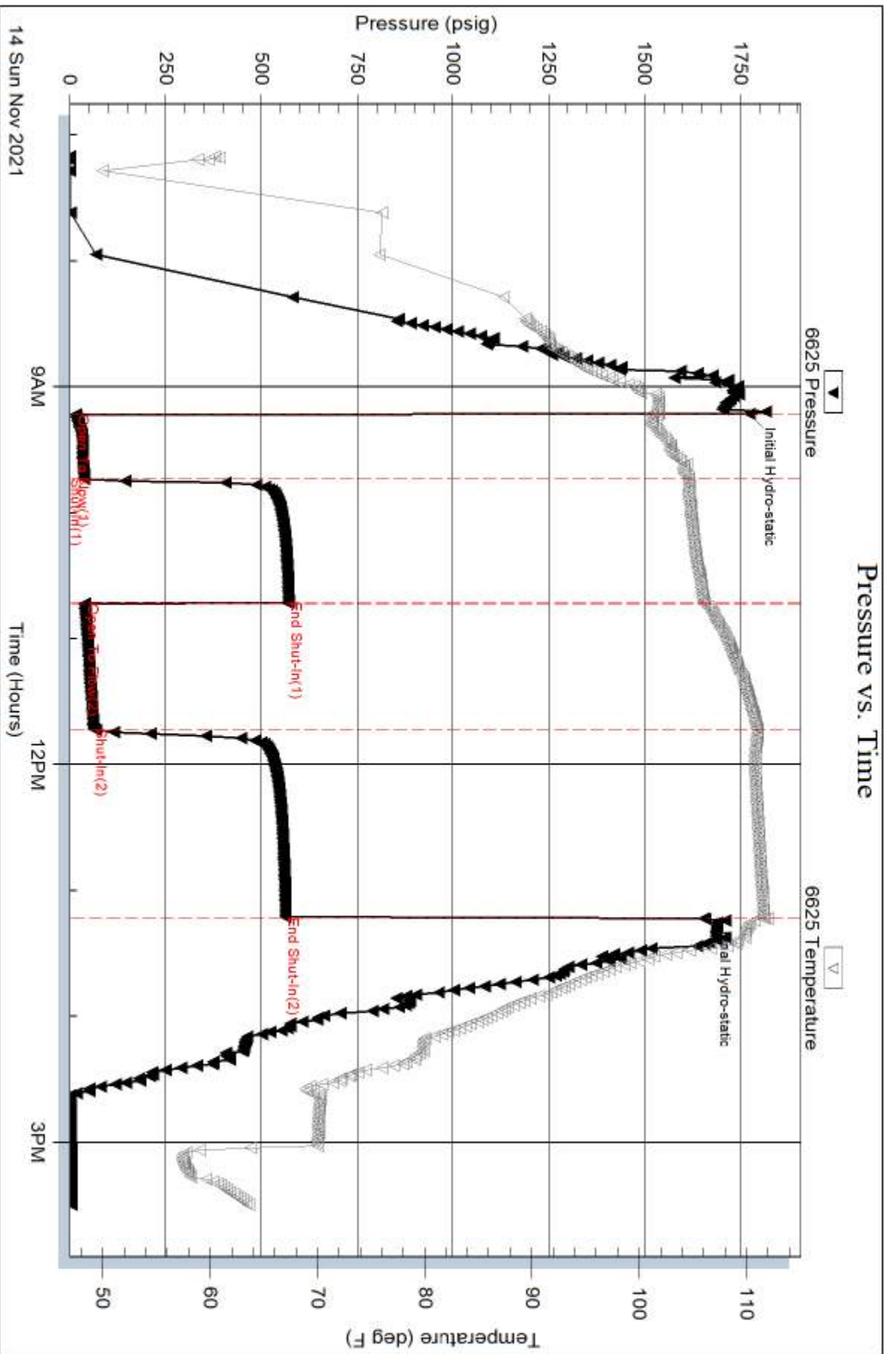
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 4# LCM

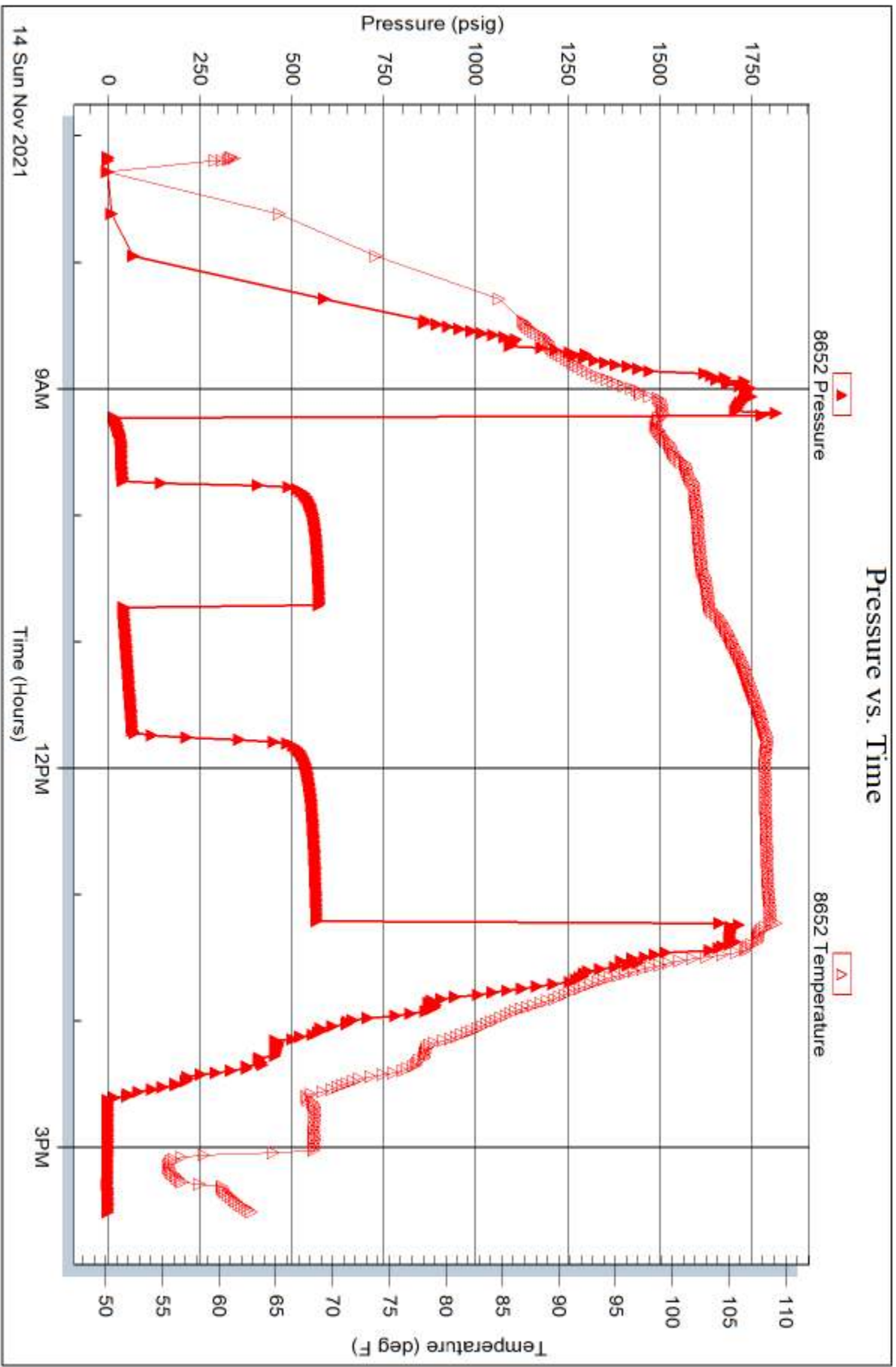


Serial #: 8652

Outside Gore Oil Company

Arleta #1-27

DST Test Number: 3



Trilobite Testing, Inc

Ref. No: 68274

Printed: 2021.11.14 @ 16:49:04



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

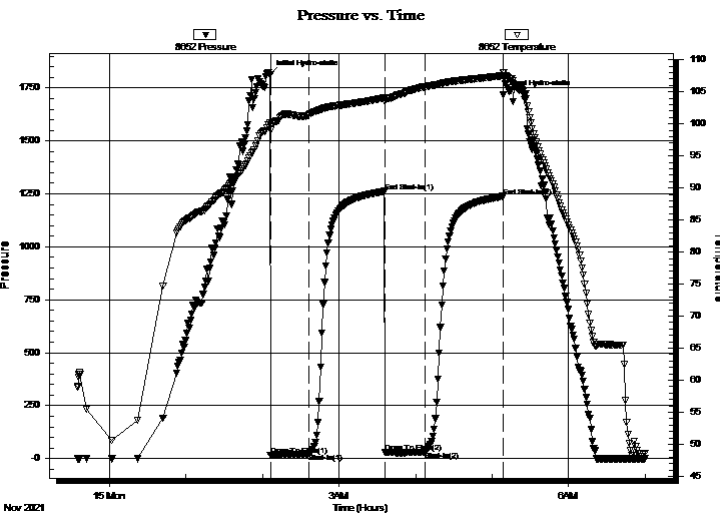
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68275 **DST#: 4**
 Test Start: 2021.11.14 @ 23:35:00

GENERAL INFORMATION:

Formation: **LKC H**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 02:06:15
 Time Test Ended: 06:59:45
 Interval: **3729.00 ft (KB) To 3759.00 ft (KB) (TVD)**
 Total Depth: 3638.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
 Press@RunDepth: 35.23 psig @ 3730.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.14 End Date: 2021.11.15 Last Calib.: 1899.12.30
 Start Time: 23:35:05 End Time: 06:59:44 Time On Btm: 2021.11.15 @ 02:06:00
 Time Off Btm: 2021.11.15 @ 05:08:30

TEST COMMENT: IF-30- Built to 1 1/2"
 SI1-60- No return
 FF-30- 1/4"
 SI2-60- no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1814.15	100.22	Initial Hydro-static
1	15.68	99.03	Open To Flow (1)
31	23.39	101.47	Shut-In(1)
90	1261.44	104.05	End Shut-In(1)
90	30.02	103.45	Open To Flow (2)
122	35.23	105.81	Shut-In(2)
183	1238.21	107.51	End Shut-In(2)
183	1717.25	107.98	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	mud w / oil spots 100% mud	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

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68275

DST#: 4

ATTN: Marc Downing

Test Start: 2021.11.14 @ 23:35:00

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: 52.00 sec/qt

Cushion Volume:

bbf

Water Loss: 7.99 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4100.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbf
5.00	mud w / oil spots 100% mud	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbf

Num Fluid Samples: 0

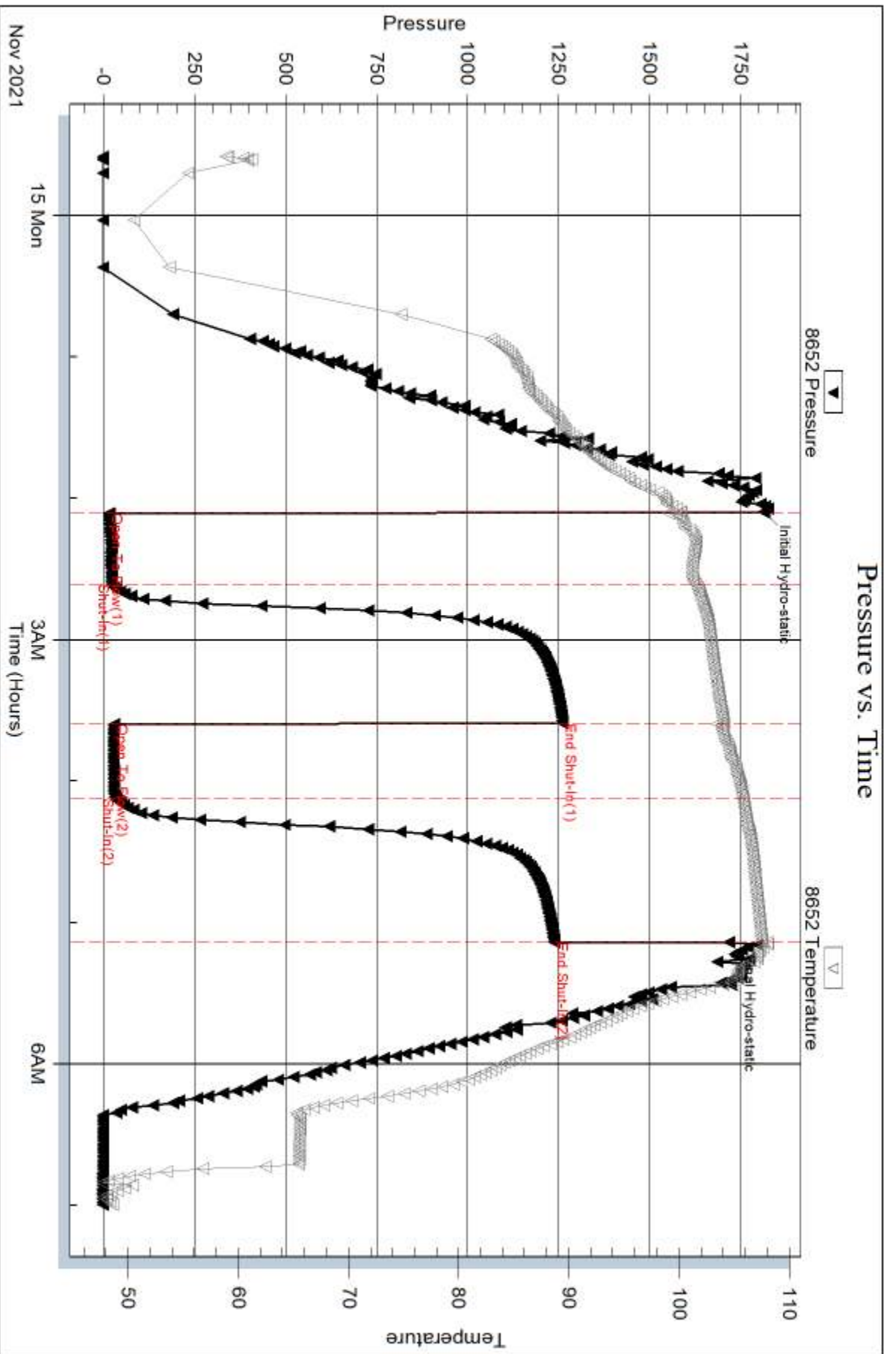
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 4# LCM



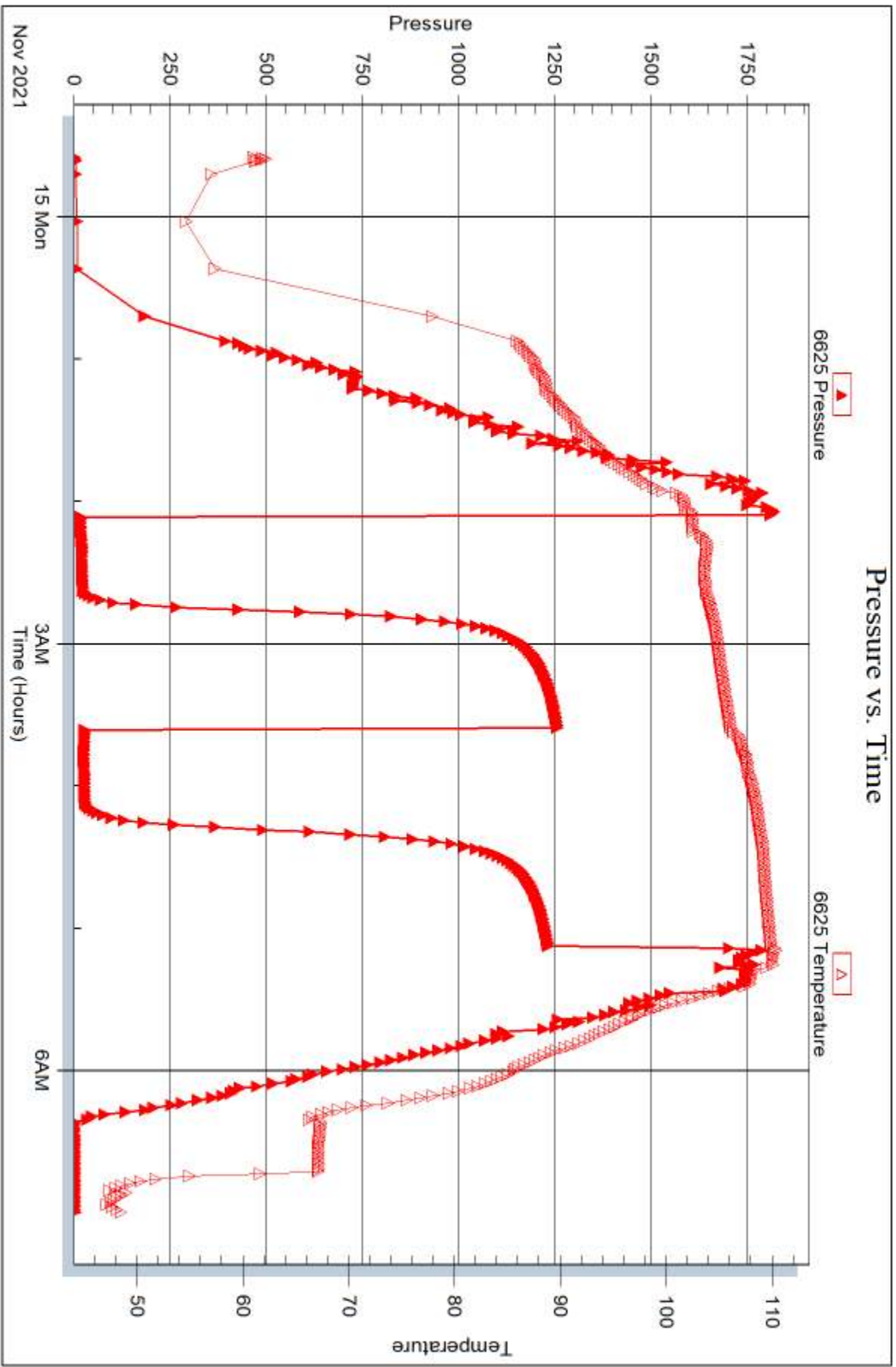
Serial #: 6625

Inside

Gore Oil Company

Arleta #1-27

DST Test Number: 4



Trilobite Testing, Inc

Ref. No: 66275

Printed: 2021.11.15 @ 07:34:10



TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68001 **DST#: 5**
 Test Start: 2021.11.15 @ 17:02:00

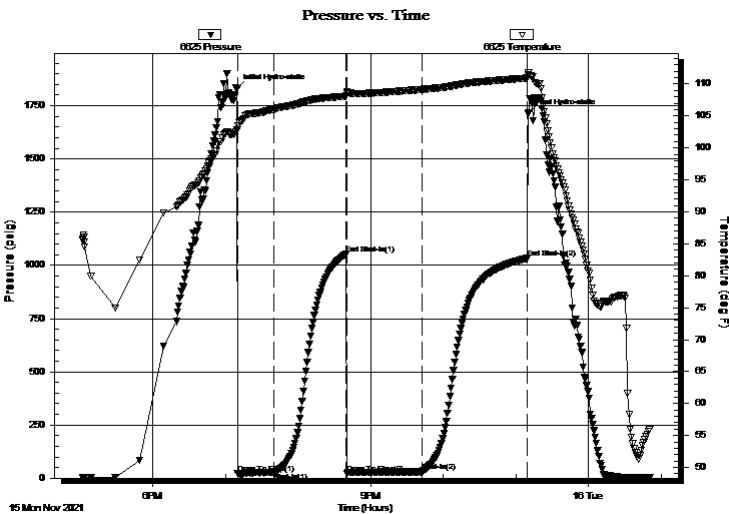
GENERAL INFORMATION:

Formation: **LKC I-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:10:00
 Time Test Ended: 00:51:15
 Interval: **3754.00 ft (KB) To 3830.00 ft (KB) (TVD)**
 Total Depth: 3638.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 30.33 psig @ 3755.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.15 End Date: 2021.11.16 Last Calib.: 2021.11.16
 Start Time: 17:02:05 End Time: 00:51:14 Time On Btm: 2021.11.15 @ 19:09:45
 Time Off Btm: 2021.11.15 @ 23:10:00

TEST COMMENT: IF-30- Built to 2"
 SI1-60- No return
 FF-60- Built to 7"
 SI2-90- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1829.59	102.76	Initial Hydro-static
1	21.22	102.84	Open To Flow (1)
30	26.71	106.03	Shut-In(1)
90	1051.94	108.10	End Shut-In(1)
91	20.28	108.64	Open To Flow (2)
153	30.33	109.16	Shut-In(2)
240	1033.44	110.93	End Shut-In(2)
241	1713.42	111.46	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
41.00	HOCM 35% oil 65% mud	0.29
0.00	86' GIP	0.00

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

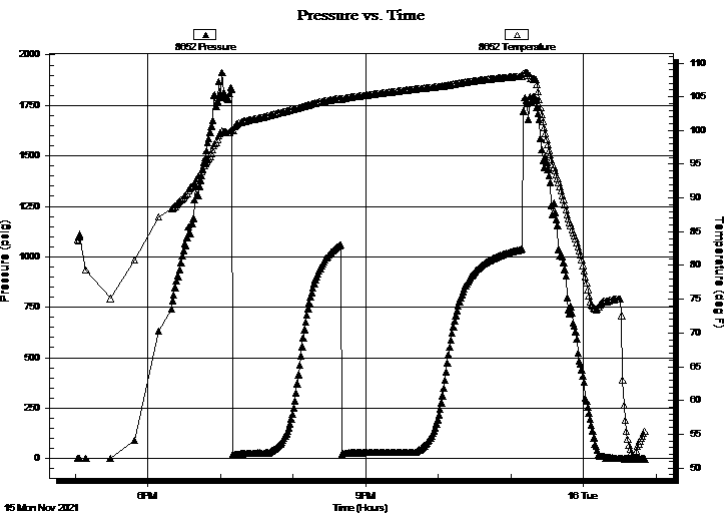
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68001 **DST#: 5**
 Test Start: 2021.11.15 @ 17:02:00

GENERAL INFORMATION:

Formation: **LKC I-K**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 19:10:00
 Time Test Ended: 00:51:15
 Interval: **3754.00 ft (KB) To 3830.00 ft (KB) (TVD)**
 Total Depth: 3638.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
 Press@RunDepth: psig @ 3755.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.15 End Date: 2021.11.16 Last Calib.: 2021.11.16
 Start Time: 17:02:05 End Time: 00:51:14 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-30- Built to 2"
 SI1-60- No return
 FF-60- Built to 7"
 SI2-90- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
41.00	HOCM 35% oil 65% mud	0.29
0.00	86' 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

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68001

DST#: 5

ATTN: Marc Downing

Test Start: 2021.11.15 @ 17:02:00

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: 44.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.20 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
41.00	HOCM 35% oil 65% mud	0.293
0.00	86' GIP	0.000

Total Length: 41.00 ft Total Volume: 0.293 bbl

Num Fluid Samples: 0

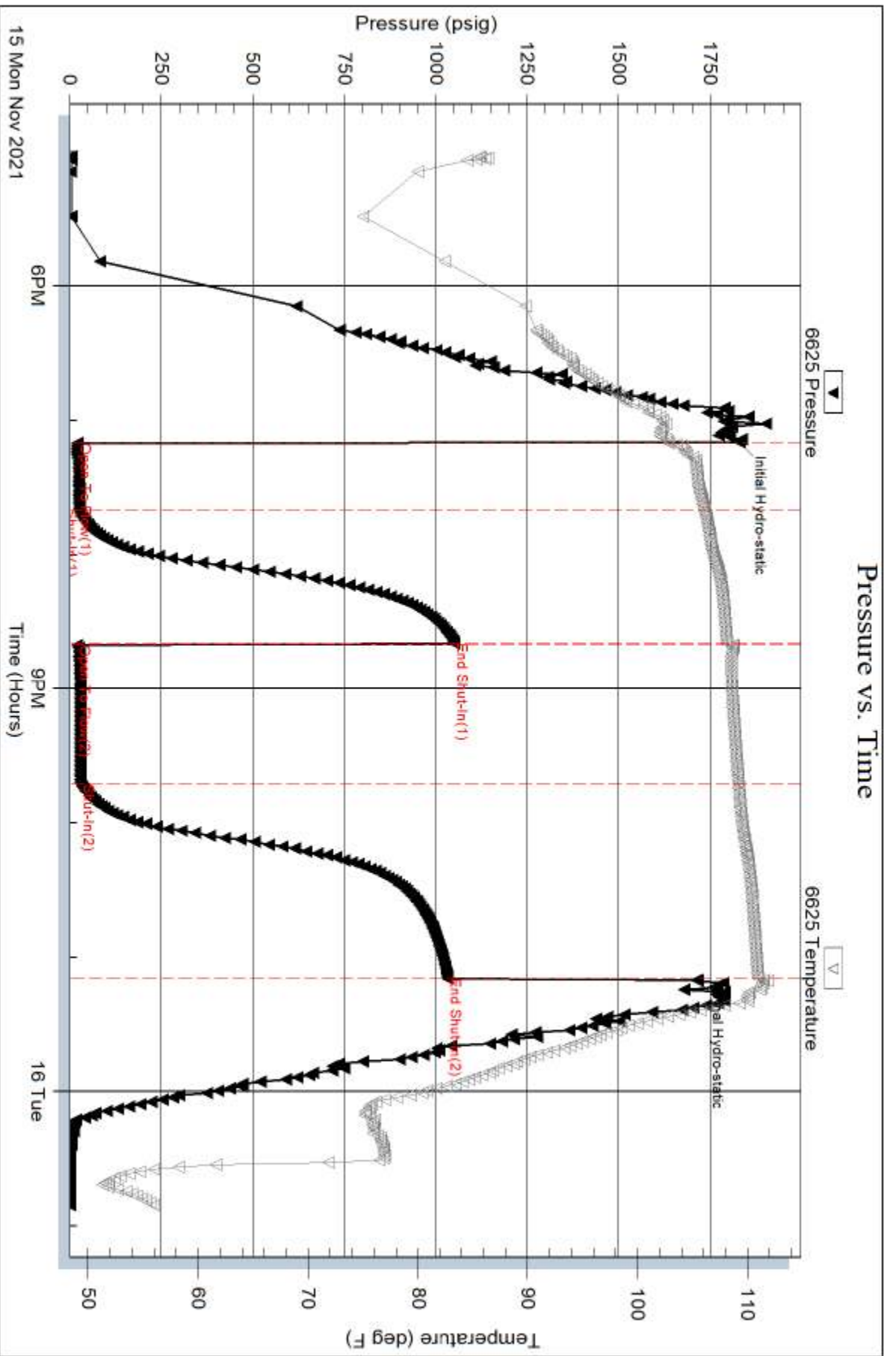
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

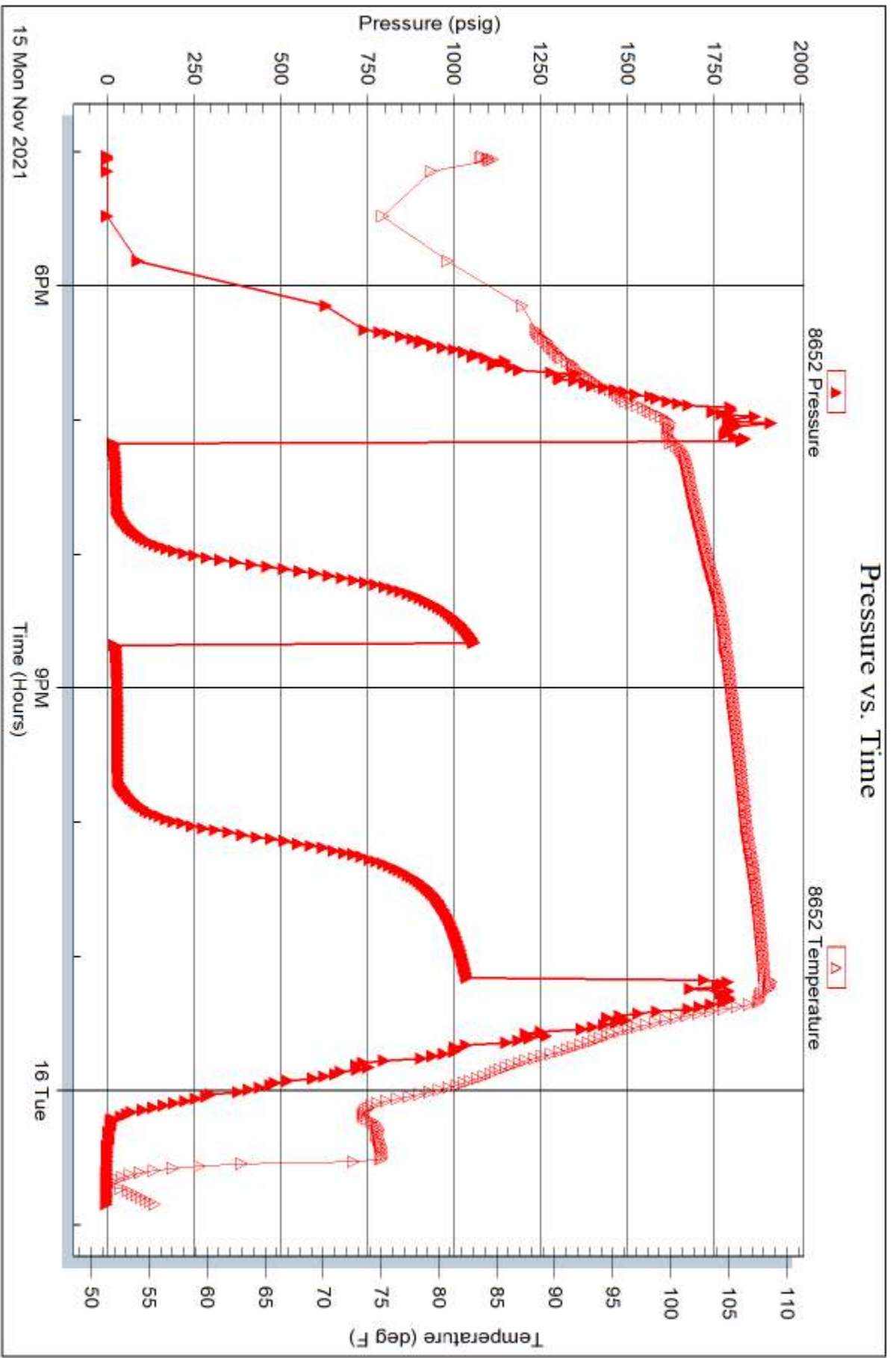


Serial #: 8652

Outside Gore Oil Company

Arteta #1-27

DST Test Number: 5



Trilobite Testing, Inc

Ref. No: 68001

Printed: 2021.11.16 @ 01:20:53



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

Gore Oil Company
202 S ST Francis Ave.
Wichita, KS 67202
ATTN: Marc Downing

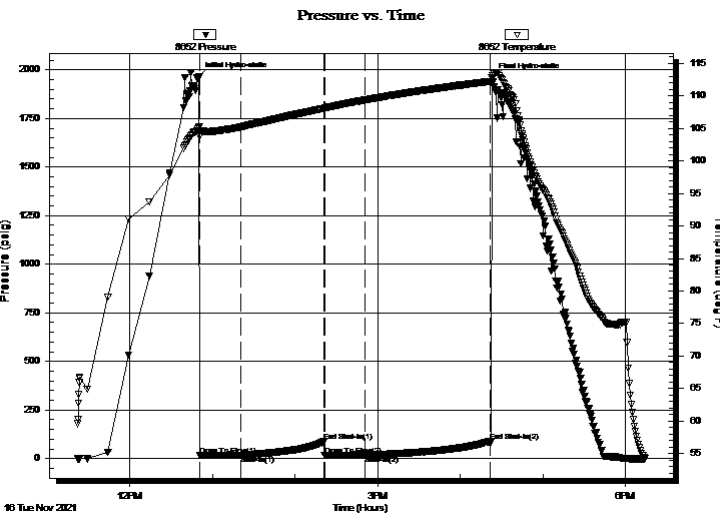
27_11_21 Trego KS
Arleta #1-27
Job Ticket: 68002 **DST#: 6**
Test Start: 2021.11.16 @ 11:22:00

GENERAL INFORMATION:

Formation: **Marmaton**
Deviated: No Whipstock: ft (KB)
Time Tool Opened: 12:50:30
Time Test Ended: 18:14:15
Interval: **3904.00 ft (KB) To 3924.00 ft (KB) (TVD)**
Total Depth: 3924.00 ft (KB) (TVD)
Hole Diameter: 7.88 inches Hole Condition:
Test Type: Conventional Bottom Hole (Reset)
Tester: Dustin Day
Unit No: 70
Reference Elevations: 2310.00 ft (KB)
2305.00 ft (CF)
KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
Press@RunDepth: 18.60 psig @ 3905.00 ft (KB) Capacity: 8000.00 psig
Start Date: 2021.11.16 End Date: 2021.11.16 Last Calib.: 2021.11.16
Start Time: 11:22:05 End Time: 18:14:14 Time On Btm: 2021.11.16 @ 12:50:15
Time Off Btm: 2021.11.16 @ 16:22:45

TEST COMMENT: IF-30- Built ti 1/2" died to a weak surface blow
SI1-60- No return
FF-30- No blow
SI2-90- No return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1963.85	105.19	Initial Hydro-static
1	16.41	103.71	Open To Flow (1)
31	17.34	105.24	Shut-In(1)
91	86.56	108.09	End Shut-In(1)
91	17.28	108.10	Open To Flow (2)
121	18.60	109.38	Shut-In(2)
212	88.99	112.23	End Shut-In(2)
213	1957.95	112.86	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
2.00	mud 100% mud w oil spots	0.01

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68002

DST#: 6

ATTN: Marc Downing

Test Start: 2021.11.16 @ 11:22:00

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: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
2.00	mud 100% mud w oil spots	0.010

Total Length: 2.00 ft Total Volume: 0.010 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

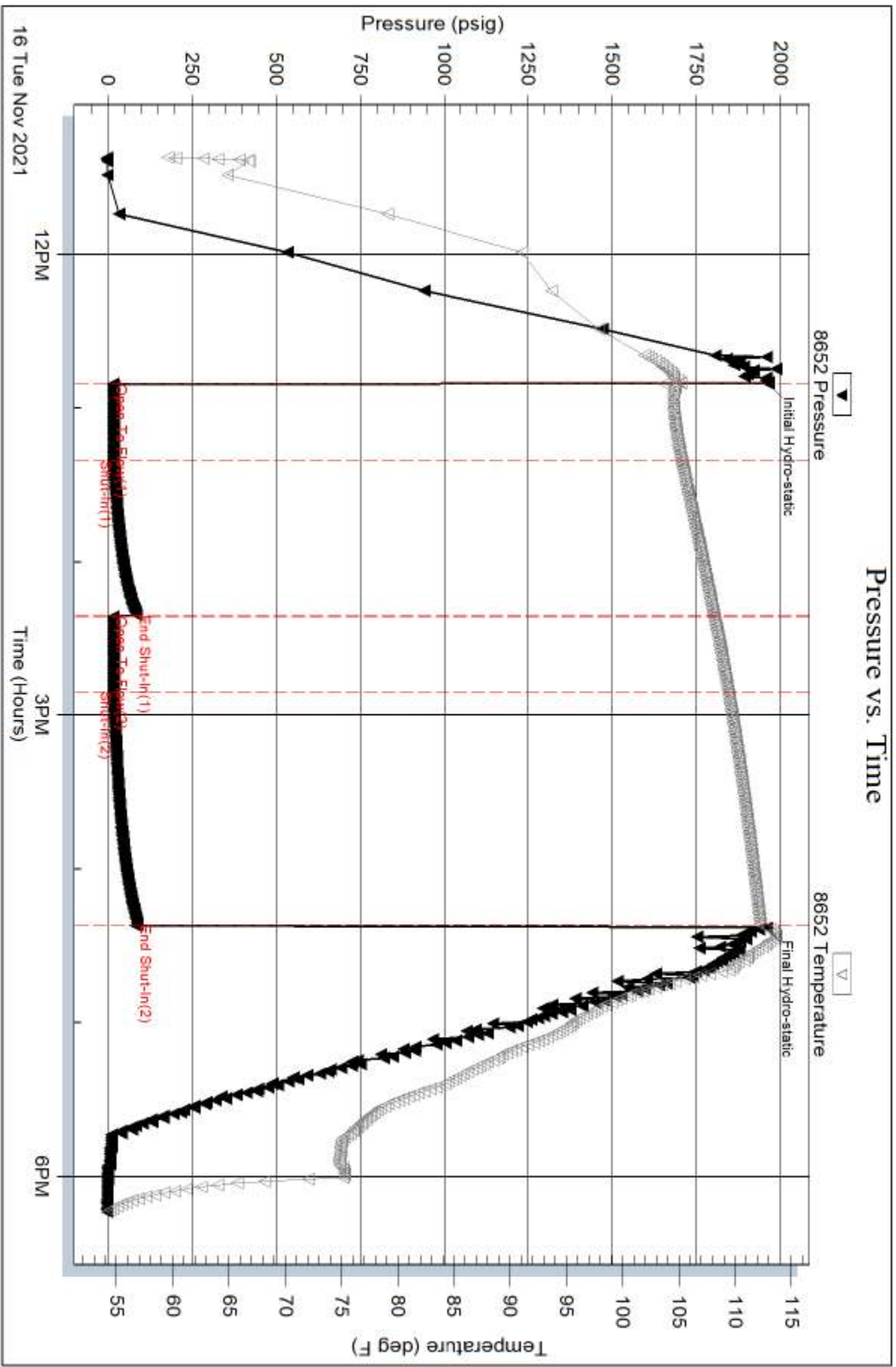
Recovery Comments: 2# LCM

Serial #: 8652

Outside Gore Oil Company

Arleta #1-27

DST Test Number: 6



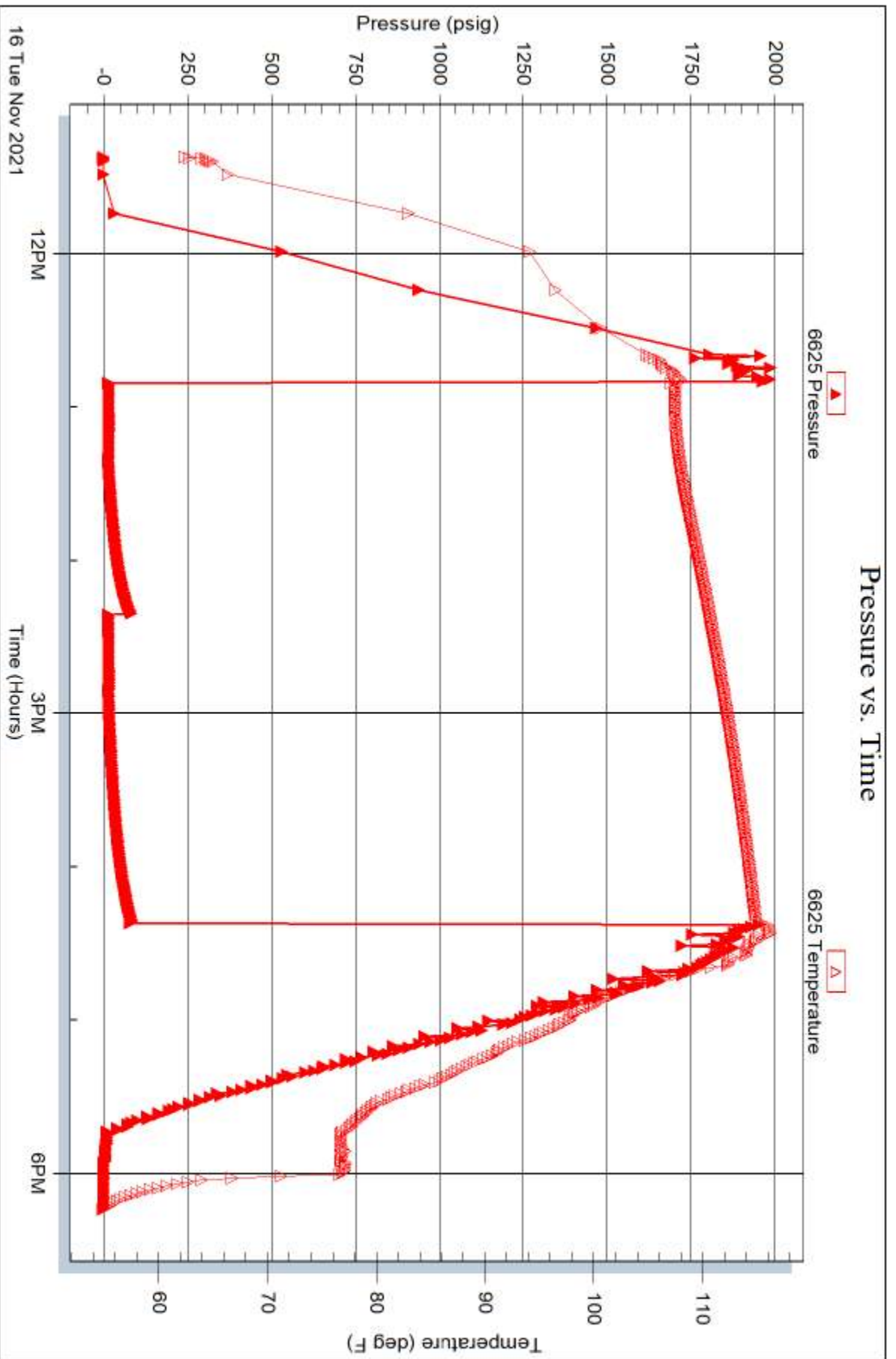
Serial #: 6625

Inside

Gore Oil Company

Arleta #1-27

DST Test Number: 6





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

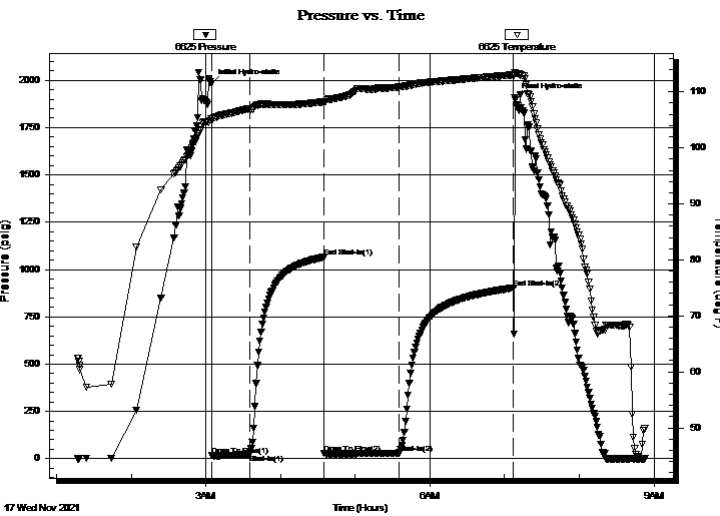
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68003 **DST#: 7**
 Test Start: 2021.11.17 @ 01:17:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:04:45
 Time Test Ended: 08:52:30
 Interval: **3919.00 ft (KB) To 3941.00 ft (KB) (TVD)**
 Total Depth: 3941.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 29.02 psig @ 3920.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.17 End Date: 2021.11.17 Last Calib.: 2021.11.17
 Start Time: 01:17:05 End Time: 08:52:29 Time On Btm: 2021.11.17 @ 03:04:30
 Time Off Btm: 2021.11.17 @ 07:08:15

TEST COMMENT: IF-30- Built to 2 1/4"
 SI1-60- No return
 FF-60- Built to 1 1/4"
 SI2-90- no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1982.64	105.10	Initial Hydro-static
1	16.26	104.84	Open To Flow (1)
31	21.91	106.97	Shut-In(1)
91	1064.05	108.23	End Shut-In(1)
91	26.77	108.09	Open To Flow (2)
151	29.02	110.86	Shut-In(2)
243	902.81	113.04	End Shut-In(2)
244	1908.20	113.48	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	HMCO 70% oil 30% mud	0.15
10.00	Oil 100%	0.14

* Recovery from multiple tests

Gas Rates

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



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

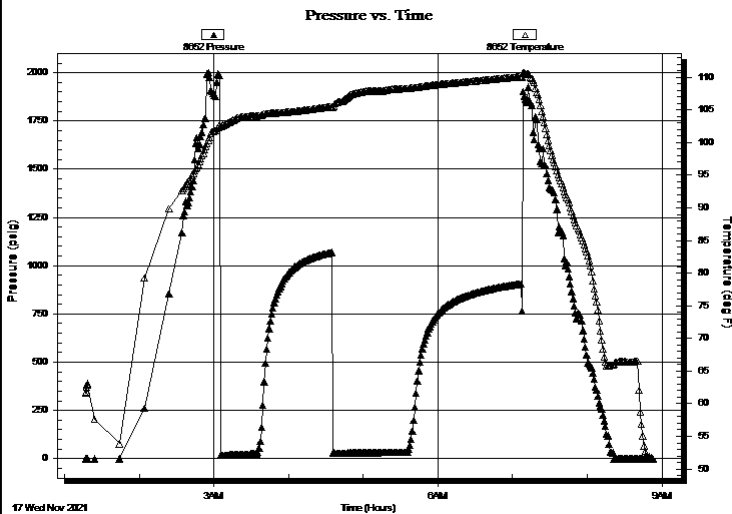
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68003 **DST#: 7**
 Test Start: 2021.11.17 @ 01:17:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 03:04:45
 Time Test Ended: 08:52:30
 Interval: **3919.00 ft (KB) To 3941.00 ft (KB) (TVD)**
 Total Depth: 3941.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
 Press@RunDepth: psig @ 3920.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.17 End Date: 2021.11.17 Last Calib.: 2021.11.17
 Start Time: 01:17:05 End Time: 08:52:29 Time On Btm:
 Time Off Btm:

TEST COMMENT: IF-30- Built to 2 1/4"
 SI1-60- No return
 FF-60- Built to 1 1/4"
 SI2-90- no return



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation

Recovery

Length (ft)	Description	Volume (bbl)
31.00	HMCO 70% oil 30% mud	0.15
10.00	Oil 100%	0.14

* Recovery from multiple tests

Gas Rates

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



**TRILOBITE
TESTING, INC**

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68003

DST#: 7

ATTN: Marc Downing

Test Start: 2021.11.17 @ 01:17:00

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: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 3900.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
31.00	HMCO 70% oil 30% mud	0.152
10.00	Oil 100%	0.140

Total Length: 41.00 ft Total Volume: 0.292 bbl

Num Fluid Samples: 0

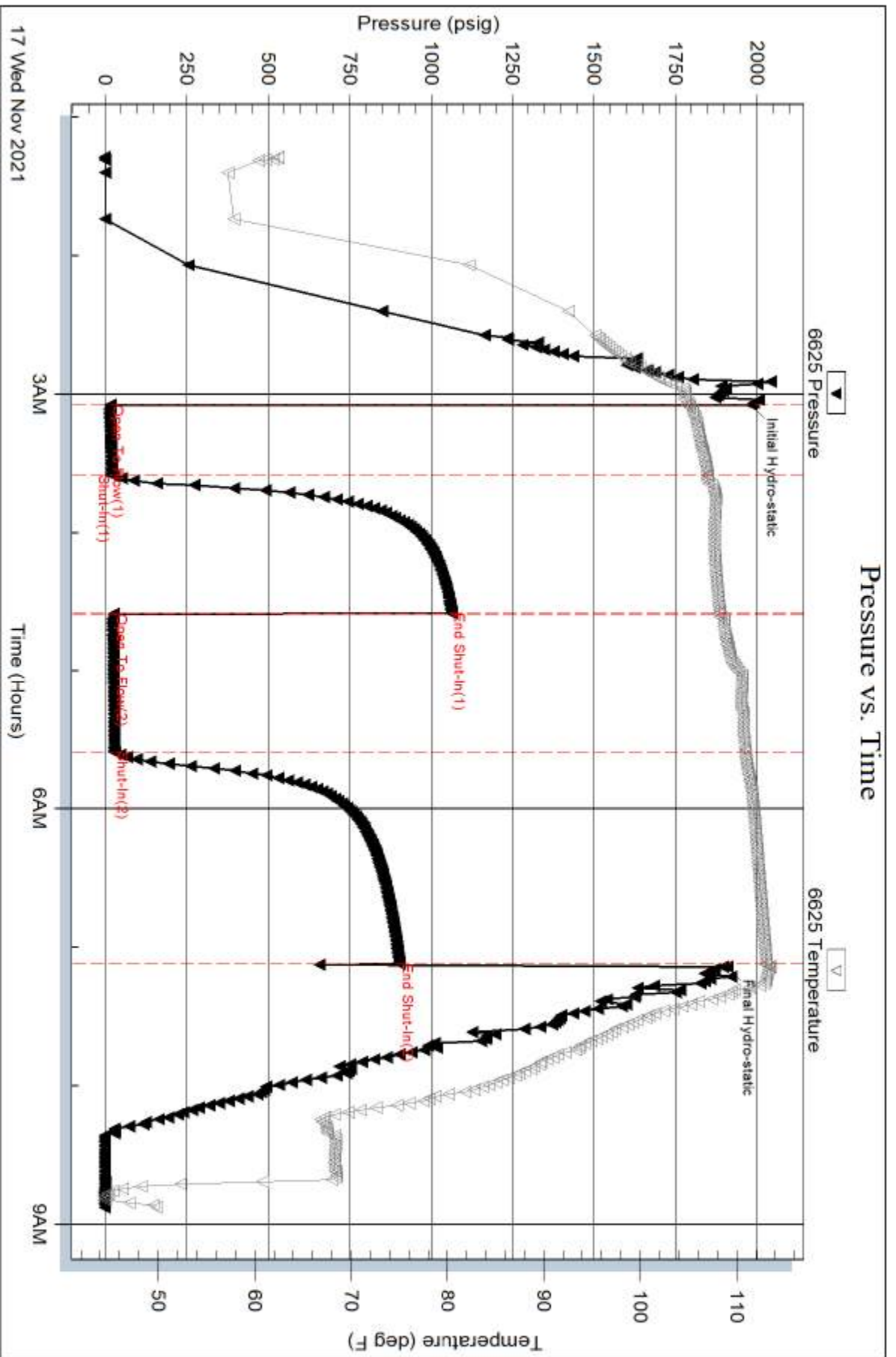
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

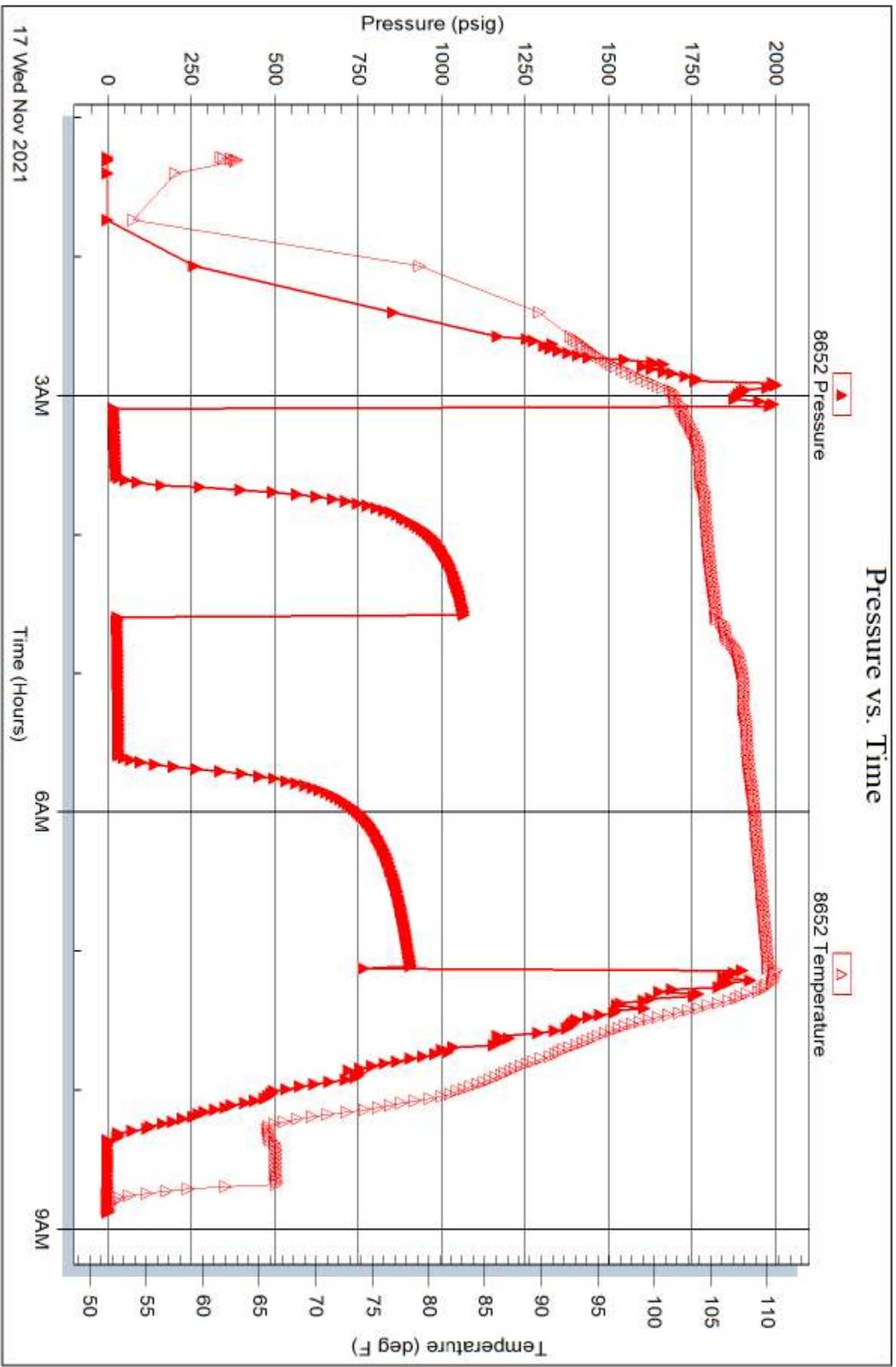


Serial #: 8652

Outside Gore Oil Company

Arleta #1-27

DST Test Number: 7





TRILOBITE TESTING, INC

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68004 **DST#: 8**
 Test Start: 2021.11.17 @ 15:11:00

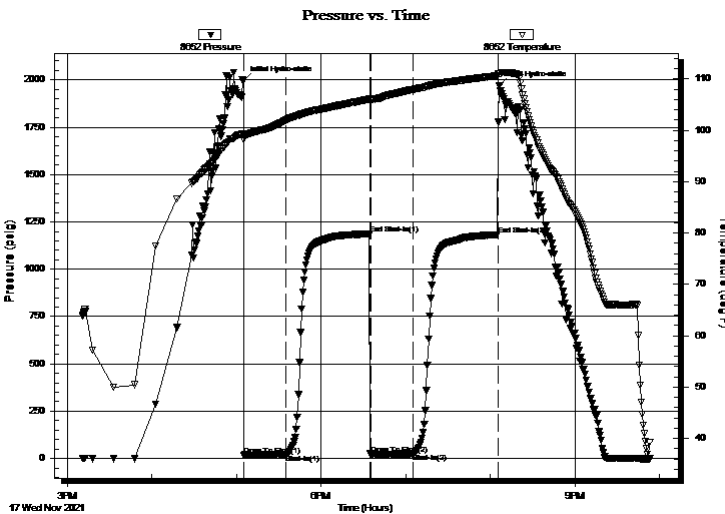
GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Reset)
 Time Tool Opened: 17:05:15 Tester: Dustin Day
 Time Test Ended: 21:53:15 Unit No: 70
 Interval: **3941.00 ft (KB) To 3951.00 ft (KB) (TVD)** Reference Elevations: 2310.00 ft (KB)
 Total Depth: 3951.00 ft (KB) (TVD) 2305.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: KB to GR/CF: 5.00 ft

Serial #: 8652 Outside
 Press@RunDepth: 25.69 psig @ 3942.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.17 End Date: 2021.11.17 Last Calib.: 2021.11.17
 Start Time: 15:11:05 End Time: 21:53:14 Time On Btm: 2021.11.17 @ 17:05:00
 Time Off Btm: 2021.11.17 @ 20:06:15

TEST COMMENT: IF-30- Built to 3/4"
 SI1-60- No return
 FF-30- Weak surface blow
 SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1996.43	99.23	Initial Hydro-static
1	18.29	98.16	Open To Flow (1)
30	20.92	101.94	Shut-In(1)
90	1187.60	106.04	End Shut-In(1)
91	23.67	105.87	Open To Flow (2)
121	25.69	107.93	Shut-In(2)
181	1182.71	110.61	End Shut-In(2)
182	1968.79	110.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
5.00	HMCO 70% oil 30% mud	0.02
5.00	oil 100%	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

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68004

DST#: 8

ATTN: Marc Downing

Test Start: 2021.11.17 @ 15:11:00

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: 60.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.80 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbbl
5.00	HMCO 70% oil 30% mud	0.025
5.00	oil 100%	0.025

Total Length: 10.00 ft

Total Volume: 0.050 bbl

Num Fluid Samples: 0

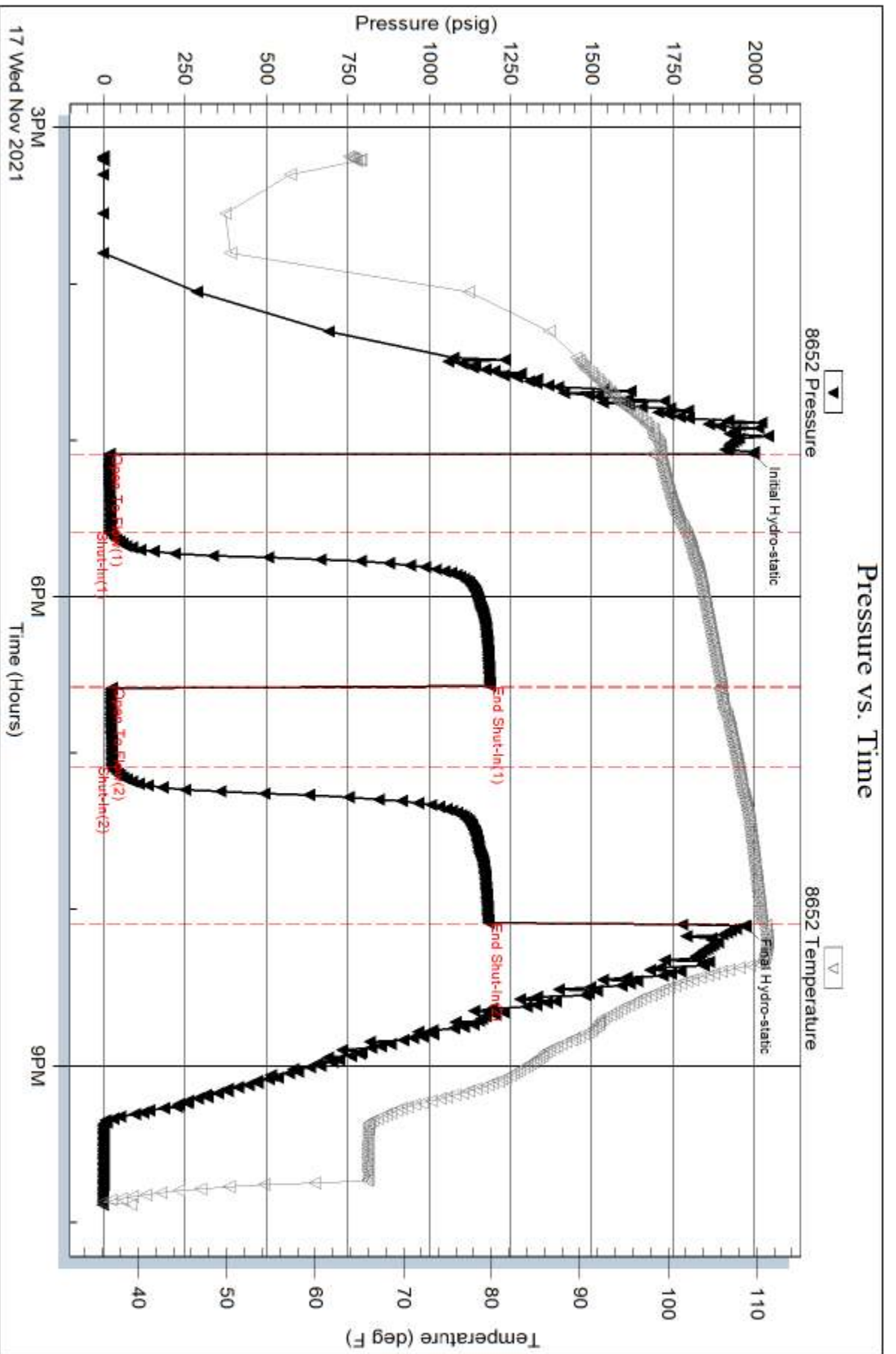
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM



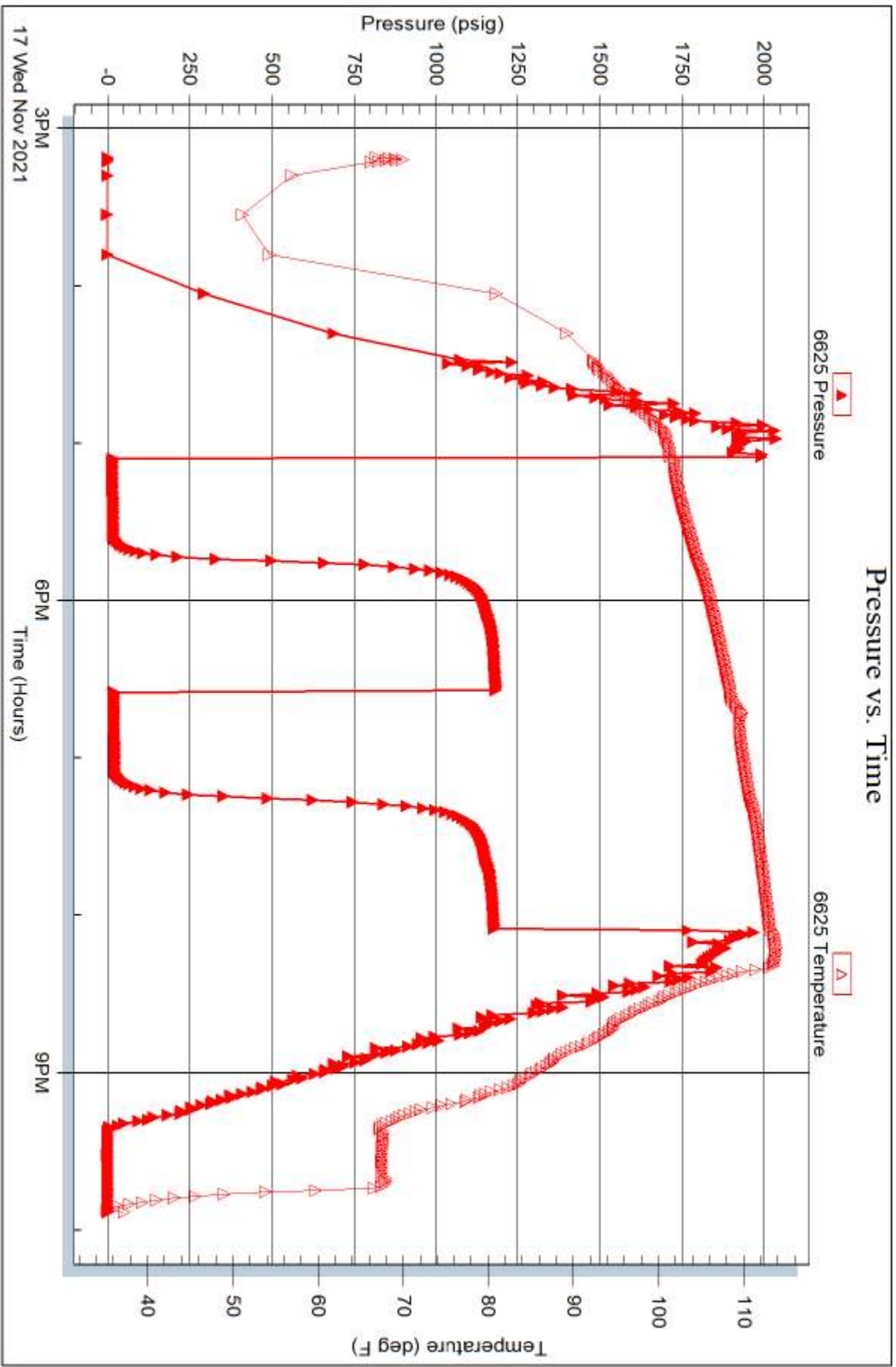
Serial #: 6625

Inside

Gore Oil Company

Arleta #1-27

DST Test Number: 8



Trilobite Testing, Inc

Ref. No: 68004

Printed: 2021.11.17 @ 23:36:47



TRILOBITE TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company
 202 S ST Francis Ave.
 Wichita, KS 67202
 ATTN: Marc Downing

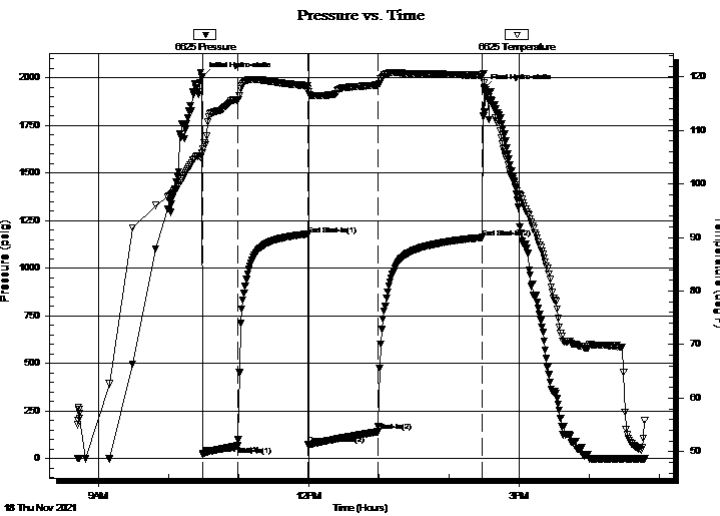
27_11_21 Trego KS
Arleta #1-27
 Job Ticket: 68005 **DST#: 9**
 Test Start: 2021.11.18 @ 08:42:00

GENERAL INFORMATION:

Formation: **Arbuckle**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 10:29:00
 Time Test Ended: 16:48:00
 Interval: **3951.00 ft (KB) To 3972.00 ft (KB) (TVD)**
 Total Depth: 3638.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition: Good
 Test Type: Conventional Bottom Hole (Reset)
 Tester: Dustin Day
 Unit No: 70
 Reference Elevations: 2310.00 ft (KB)
 2305.00 ft (CF)
 KB to GR/CF: 5.00 ft

Serial #: 6625 Inside
 Press@RunDepth: 141.35 psig @ 3952.00 ft (KB) Capacity: 8000.00 psig
 Start Date: 2021.11.18 End Date: 2021.11.18 Last Calib.: 2021.11.18
 Start Time: 08:42:05 End Time: 16:47:59 Time On Btm: 2021.11.18 @ 10:28:45
 Time Off Btm: 2021.11.18 @ 14:30:15

TEST COMMENT: IF-30- BOB in 18 min, Built to 20 3/4"
 SI1-60- weak surface blow
 FF-60- BOB in 18 1/2 min, Built to 30 1/4"
 SI2-90- Built to 1 1/4"



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2008.72	105.83	Initial Hydro-static
1	24.33	105.77	Open To Flow (1)
31	67.72	115.67	Shut-In(1)
90	1177.70	118.33	End Shut-In(1)
91	74.37	117.68	Open To Flow (2)
151	141.35	118.48	Shut-In(2)
240	1161.74	120.31	End Shut-In(2)
242	1943.10	118.84	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
106.00	GMCO 10% gas 80% oil 10% mud	1.20
219.00	GO 10% gas 90% oil	3.07
0.00	53' 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

Gore Oil Company

27_11_21 Trego KS

202 S ST Francis Ave.
Wichita, KS 67202

Arleta #1-27

Job Ticket: 68005

DST#: 9

ATTN: Marc Downing

Test Start: 2021.11.18 @ 08:42:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

37 deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 56.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 7.60 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 4000.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
106.00	GMCO 10% gas 80% oil 10% mud	1.205
219.00	GO 10% gas 90% oil	3.072
0.00	53' GIP	0.000

Total Length: 325.00 ft

Total Volume: 4.277 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

