

Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	ARLETA 2-27
Doc ID	1668692

All Electric Logs Run

DIL
DUCP
FRAC
MEL
BHCS

Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	ARLETA 2-27
Doc ID	1668692

Tops

Name	Top	Datum
Anhydrate	1754	+563
Topeka	3368	-1053
Heebner	3582	-1266
Toronto	3605	-1289
LKC	3619	-1302
BKC	3857	-1540
Marmaton	3907	-1591
Arbuckle	4065	-1746

Form	ACO1 - Well Completion
Operator	Gore Oil Company
Well Name	ARLETA 2-27
Doc ID	1668692

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	308	Common	200	2% Gel 3 % CC
Production	7.875						



CHARGE TO: Case Oil Co
ADDRESS
CITY, STATE, ZIP CODE

TICKET 35438

PAGE 1 OF 1

SERVICE LOCATIONS		WELL/PROJECT NO.	LEASE	COUNTY/PARISH	STATE	CITY	DATE	OWNER
1. <u>Hays, KS</u>	TICKET TYPE	2-27	<u>Arletta</u>	<u>Lebo</u>	<u>KS</u>		<u>06/21/22</u>	<u>Sam</u>
2. <u>Ness City, KS</u>	☒ SERVICE			RIG NAME/NO.	SHIPPED	DELIVERED TO	ORDER NO.	
3.	☐ SALES			<u>Rig 4</u>	<u>CT</u>	<u>Location</u>		
4.	WELL TYPE	<u>D.1</u>	WELL CATEGORY	JOB PURPOSE	WELL PERMIT NO.	WELL LOCATION		
			<u>Development</u>	<u>plug to Abandon</u>				
REFERRAL LOCATION	INVOICE INSTRUCTIONS							

PRICE REFERENCE	SECONDARY REFERENCE/ PART NUMBER	ACCOUNTING			DESCRIPTION	QTY.		QTY.		UNIT PRICE	AMOUNT
		LOC	ACCT	DF		U/M	U/M	QTY.	U/M		
575		1			MILEAGE # 113		36 mi			7.00	252.00
576p		1			Pump Charge - P 7A		1 EA			110.00	110.00
290		1			D-Air		4 gal			42.00	168.00
410		1			Top Plug - 8 3/8"		1 EA			150.00	150.00
328-4		2			60/45 Pozmix (40% Coal)		305 SLS			12.50	3812.50
276		2			Floacle		76 lbs			3.00	228.00
581		2			Service Charge Cement		305 SLS			2.00	610.00
583		2			Drayage		770.22 TM			1.00	770.22

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 Ryan D. Smith

DATE SIGNED TIME SIGNED ☐ A.M. ☐ P.M.

REMIT PAYMENT TO:

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

SURVEY	AGREE	UNDECIDED	DISAGREE
OUR EQUIPMENT PERFORMED WITHOUT BREAKDOWN?			
WE UNDERSTOOD AND MET YOUR NEEDS?			
OUR SERVICE WAS PERFORMED WITHOUT DELAY?			
WE OPERATED THE EQUIPMENT AND PERFORMED JOB CALCULATIONS SATISFACTORILY?			
ARE YOU SATISFIED WITH OUR SERVICE?	☐ YES	☐ NO	
☐ CUSTOMER DID NOT WISH TO RESPOND			

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

SWIFT OPERATOR Ryan D. Smith APPROVAL

Thank You!

CUSTOMER

Gore Oil Co

WELL NO.

2-27

LEASE

Arleta

JOB TYPE	
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OB TYPE
A.7.4.

TICKET NO.

SECRET NO.
354,38

CHART NO.	TIME	RATE (BPM)	VOLUME (BBL) (GAL)	PUMPS		PRESSURE (PSI)		DESCRIPTION OF OPERATION AND MATERIALS
				T	C	TUBING	CASING	
	1435							On location, rig laying down collars. RTD - LTD -
	1615	4 4 4	10 13 3½			500 400 300		1st Plug - 4045' 50 SKS Pump wtr ahead Pump Cement Pump wtr behind Rig Displace w/mud - 5 mins
	1735	4½ 4½ 4½	10 13 3½			300 200		2nd Plug - 1790' 50 SKS Pump wtr ahead Pump Cement Pump wtr behind Rig Displace w/mud - 2 min
	1825	5 5 5	5 26 5					3rd Plug - 1020' - 100 SKS Pump wtr ahead Pump Cement Pump wtr behind
	1845	5 5	5 13					4th Plug - 360' - 50 SKS Pump wtr ahead Pump Cement Pump wtr behind
	2000	2 2 2	3 7 4					5th Plug - 40' Put Top Plug in 8⅝ & Push Down Top off 8⅝ w/10 SKS Plug Rattokw/ 30 SKS Plug Mousehole w/15 SKS Wash up Rack Up Job Complete Thanks Tom Joe Jean
	2030							



DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.16 @ 20:47:00

End Date: 2022.06.17 @ 04:37:15

Job Ticket #: 65846 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:29:42



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego,KS

Arleta #2-27

Job Ticket: 65846

DST#: 1

Test Start: 2022.06.16 @ 20:47:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:23:15

Time Test Ended: 04:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3579.00 ft (KB) To 3645.00 ft (KB) (TVD)

Total Depth: 3645.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: 50.16 psig @ 3580.00 ft (KB)

Start Date: 2022.06.16

End Date:

2022.06.17

Start Time: 20:47:05

End Time:

04:37:14

Capacity: 8000.00 psig

Last Calib.: 2022.06.17

Time On Btm: 2022.06.16 @ 23:23:00

Time Off Btm: 2022.06.17 @ 02:25:45

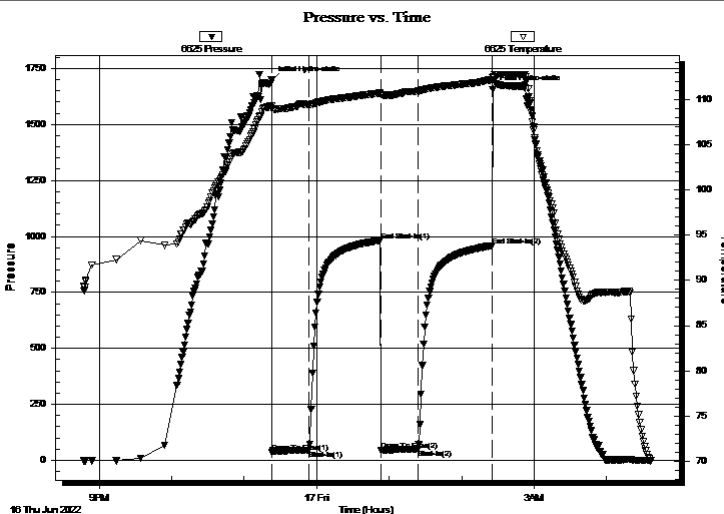
TEST COMMENT: IF-30- Slid 8' after tool opened, bled off 2 1/2" blow , built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1697.76	109.23	Initial Hydro-static
1	37.25	108.97	Open To Flow (1)
31	45.41	109.42	Shut-In(1)
90	981.82	110.67	End Shut-In(1)
91	45.99	110.48	Open To Flow (2)
121	50.16	110.87	Shut-In(2)
183	958.05	112.14	End Shut-In(2)
183	1656.80	112.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	mud 100%	0.77

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

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65846

DST#: 1

Test Start: 2022.06.16 @ 20:47:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:23:15

Time Test Ended: 04:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: **3579.00 ft (KB) To 3645.00 ft (KB) (TVD)**

Total Depth: 3645.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3580.00 ft (KB)

Start Date: 2022.06.16

End Date:

2022.06.17

Start Time: 20:47:05

End Time:

04:37:29

Capacity: 8000.00 psig

Last Calib.:

2022.06.17

Time On Btm:

Time Off Btm:

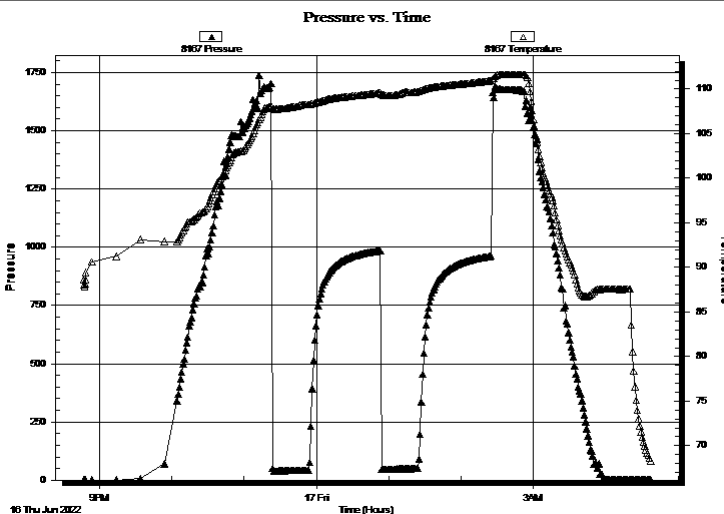
TEST COMMENT: IF-30- Slid 8' after tool opened, bled off 2 1/2" blow, built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
75.00	mud 100%	0.77

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65846

DST#: 1

ATTN: Marc Downing

Test Start: 2022.06.16 @ 20:47:00

Tool Information

Drill Pipe:	Length:	3540.00 ft	Diameter:	3.80 inches	Volume:	49.66 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	49.81 bbl	Tool Chased	8.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	48000.00 lb
Depth to Top Packer:		3579.00 ft					Final	48000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		66.00 ft						
Tool Length:		92.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3554.00	
shut In Tool	5.00		3559.00	
hydraulic tool	5.00		3564.00	
EM Tool	3.00		3567.00	
Safety Joint	3.00		3570.00	
Packer	5.00		3575.00	26.00 Bottom Of Top Packer
Packer	4.00		3579.00	
Stubb	1.00		3580.00	
Recorder	0.00	6625 Inside	3580.00	
Recorder	0.00	8167 Outside	3580.00	
perforations	27.00		3607.00	
change Over Sub	1.00		3608.00	
drill Pipe	32.00		3640.00	
change Over Sub	1.00		3641.00	
Bullnose	4.00		3645.00	66.00 Bottom Packers & Anchor

Total Tool Length: 92.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65846

DST#: 1

ATTN: Marc Downing

Test Start: 2022.06.16 @ 20:47:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	mud 100%	0.770

Total Length: 75.00 ft

Total Volume: 0.770 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

Serial #: 6625

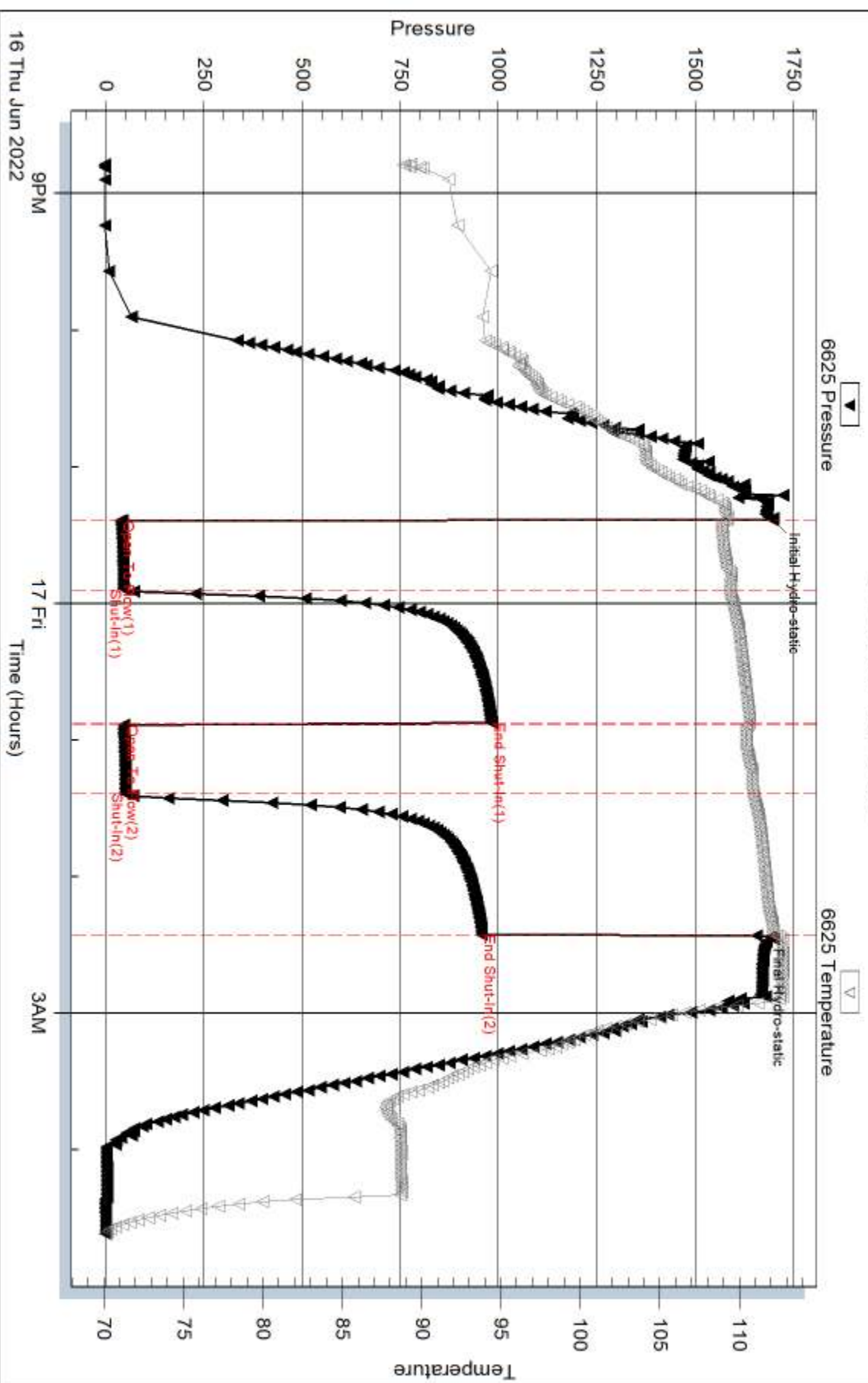
Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 1

Pressure vs. Time

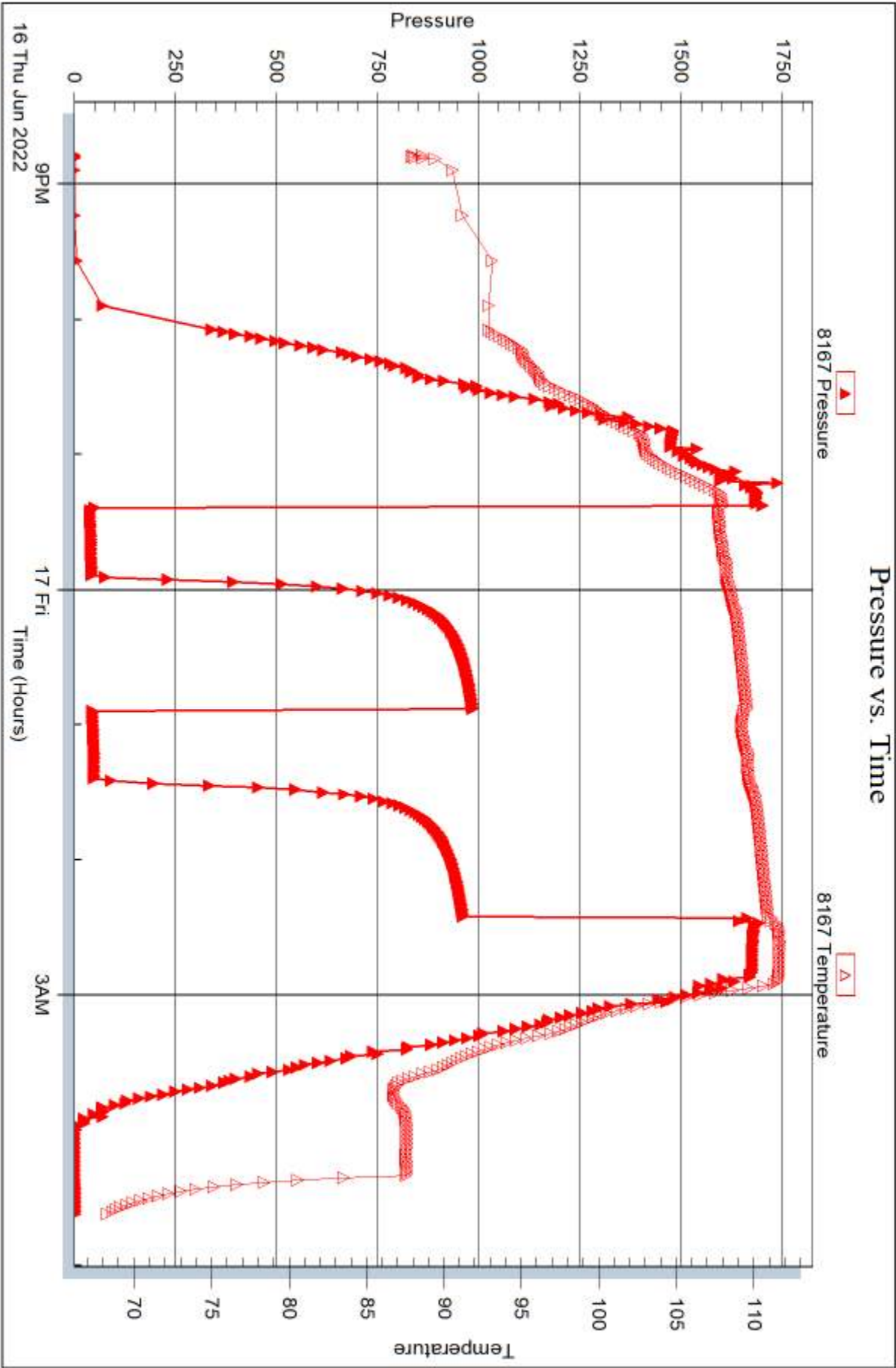


Serial #: 8167

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.17 @ 13:06:00

End Date: 2022.06.17 @ 21:07:00

Job Ticket #: 65847 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:28:24



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65847

DST#: 2

Test Start: 2022.06.17 @ 13:06:00

GENERAL INFORMATION:

Formation: **LKC E - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:50:00

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3682.00 ft (KB) To 3708.00 ft (KB) (TVD)

Total Depth: 3708.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: 86.32 psig @ 3683.00 ft (KB)

Start Date: 2022.06.17

End Date:

2022.06.17

Start Time: 13:06:05

End Time:

21:06:59

Capacity: 8000.00 psig

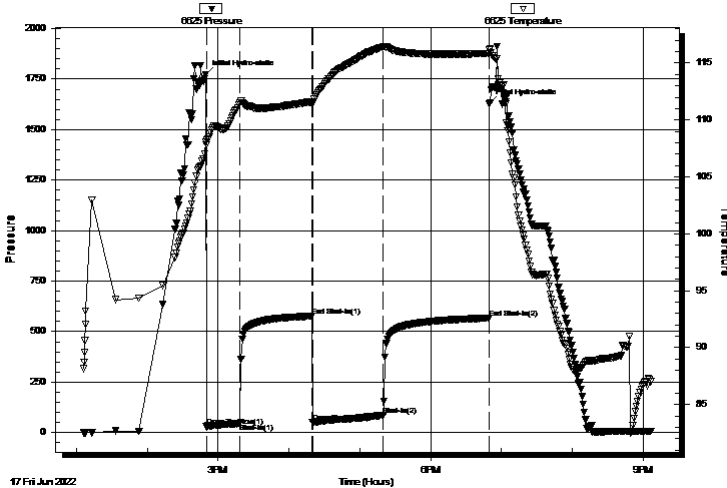
Last Calib.: 2022.06.17

Time On Btm: 2022.06.17 @ 14:49:30

Time Off Btm: 2022.06.17 @ 18:50:00

TEST COMMENT: IF-30- Built to 5 1/4"
SI1-60- No return
FF-60- Built to 7 1/2"
SI2-90- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.89	108.11	Initial Hydro-static
1	28.98	107.80	Open To Flow (1)
30	45.44	111.53	Shut-In(1)
91	576.44	111.59	End Shut-In(1)
91	51.40	111.47	Open To Flow (2)
151	86.32	116.45	Shut-In(2)
241	566.58	115.85	End Shut-In(2)
241	1629.14	116.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Mud 100%	0.15
128.00	MCW 10% mud 90% w ater	1.80

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



**TRILOBITE
TESTING, INC.**

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65847

DST#: 2

Test Start: 2022.06.17 @ 13:06:00

GENERAL INFORMATION:

Formation: **LKC E - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:50:00

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3682.00 ft (KB) To 3708.00 ft (KB) (TVD)

Total Depth: 3708.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3683.00 ft (KB)

Start Date: 2022.06.17

End Date:

2022.06.17

Start Time: 13:06:05

End Time:

21:06:59

Capacity: 8000.00 psig

Last Calib.:

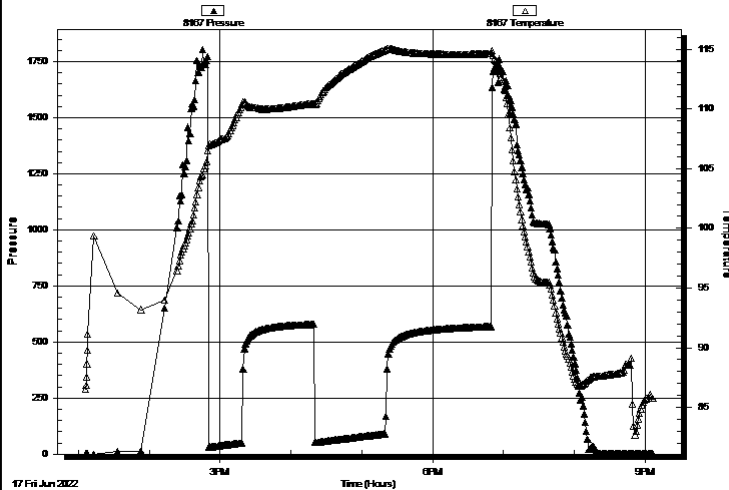
2022.06.17

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 5 1/4"
SI1-60- No return
FF-60- Built to 7 1/2"
SI2-90- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
31.00	Mud 100%	0.15
128.00	MCW 10% mud 90% water	1.80

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65847

DST#: 2

ATTN: Marc Downing

Test Start: 2022.06.17 @ 13:06:00

Tool Information

Drill Pipe:	Length:	3635.00 ft	Diameter:	3.80 inches	Volume:	50.99 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	54000.00 lb
					Total Volume:	51.14 bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	49000.00 lb
Depth to Top Packer:		3682.00 ft					Final	50000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		26.00 ft						
Tool Length:		52.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3657.00	
shut In Tool	5.00			3662.00	
hydraulic tool	5.00			3667.00	
EM Tool	3.00			3670.00	
Safety Joint	3.00			3673.00	
Packer	5.00			3678.00	26.00 Bottom Of Top Packer
Packer	4.00			3682.00	
Stubb	1.00			3683.00	
Recorder	0.00	6625	Inside	3683.00	
Recorder	0.00	8167	Outside	3683.00	
perforations	21.00			3704.00	
Bullnose	4.00			3708.00	26.00 Bottom Packers & Anchor

Total Tool Length: 52.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65847

DST#: 2

ATTN: Marc Downing

Test Start: 2022.06.17 @ 13:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity: 75000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Mud 100%	0.152
128.00	MCW 10% mud 90% w ater	1.796

Total Length: 159.00 ft

Total Volume: 1.948 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

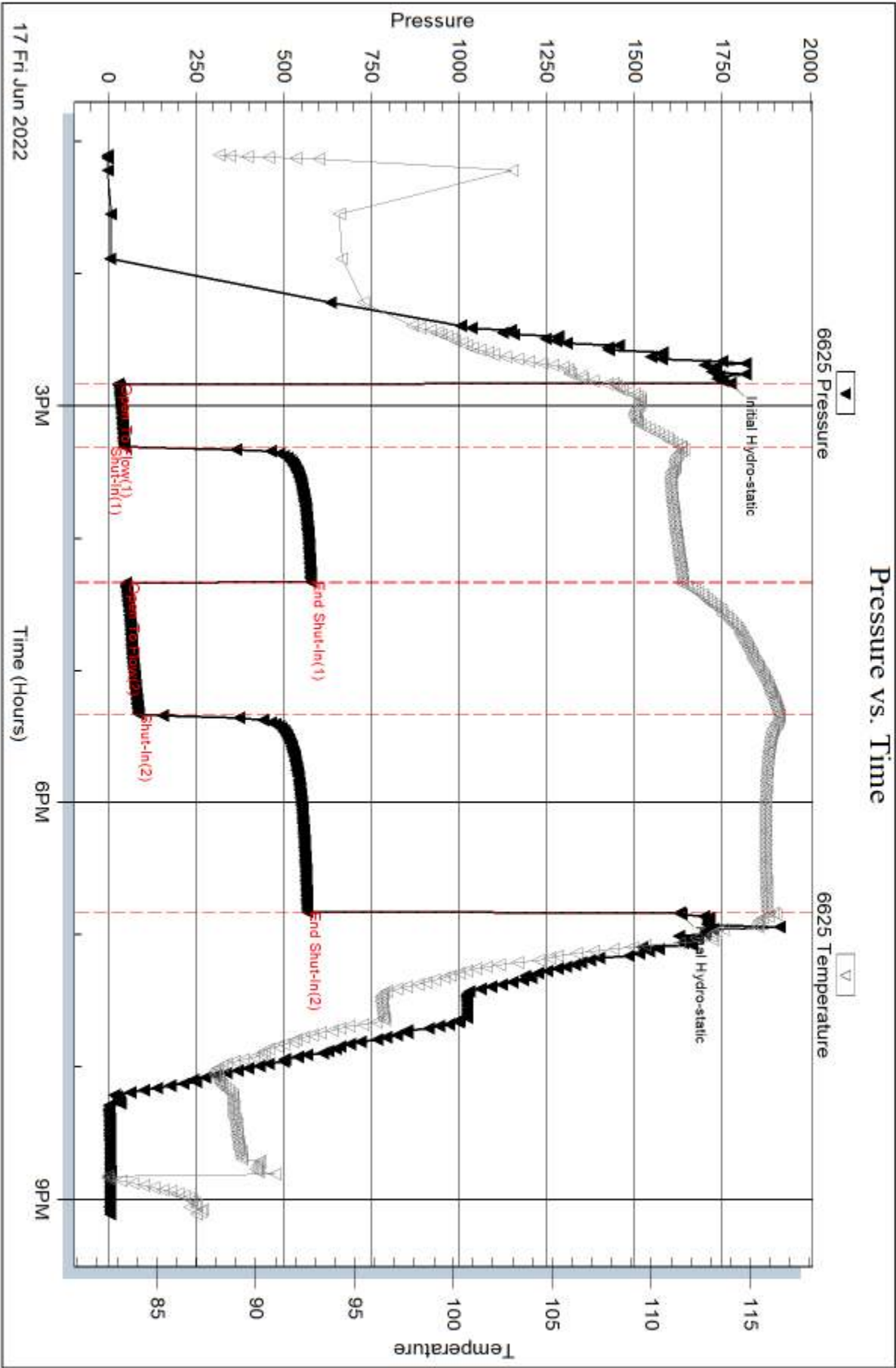
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 2



Trilobite Testing, Inc

Ref. No: 65847

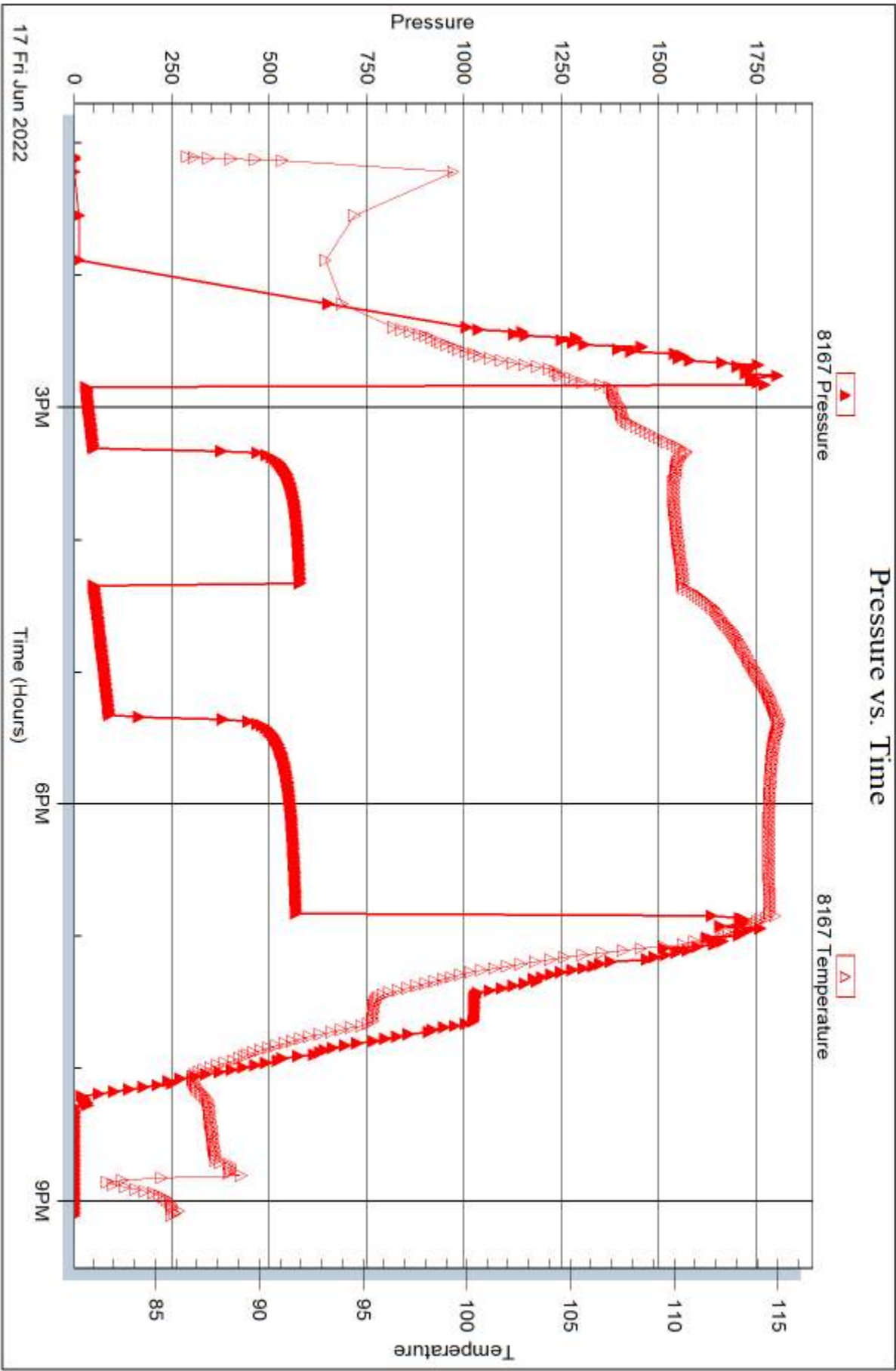
Printed: 2022.06.24 @ 16:28:26

Serial #: 8167

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.18 @ 09:40:00

End Date: 2022.06.18 @ 15:42:30

Job Ticket #: 65848 DST #: 3

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:27:54



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65848

DST#: 3

Test Start: 2022.06.18 @ 09:40:00

GENERAL INFORMATION:

Formation: **LKC I&J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:06:30

Time Test Ended: 15:42:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3761.00 ft (KB) To 3804.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3804.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 41.21 psig @ 3762.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.18

End Date:

2022.06.18

Last Calib.: 2022.06.18

Start Time: 09:40:05

End Time:

15:42:29

Time On Btm: 2022.06.18 @ 11:06:15

Time Off Btm: 2022.06.18 @ 14:08:30

TEST COMMENT: IF-30- Built to 1 1/4"
SI1-60- No return
FF-30- Weak surface blow
SI2-60- No return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.23	103.72	Initial Hydro-static
1	23.18	102.94	Open To Flow (1)
31	33.91	105.09	Shut-In(1)
91	1714.78	107.48	End Shut-In(1)
92	38.11	106.39	Open To Flow (2)
120	41.21	108.16	Shut-In(2)
182	1687.61	110.16	End Shut-In(2)
183	1812.93	110.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



Test Start: 2022.06.18 @ 09:40:00

KB to GR/CF: 8.00 ft



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego,KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65848

DST#: 3

ATTN: Marc Downing

Test Start: 2022.06.18 @ 09:40:00

Tool Information

Drill Pipe:	Length:	3729.00 ft	Diameter:	3.80 inches	Volume:	52.31 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	64000.00 lb
					Total Volume:	52.46 bbl	Tool Chased	ft
Drill Pipe Above KB:		25.00 ft					String Weight: Initial	51000.00 lb
Depth to Top Packer:		3761.00 ft					Final	51000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		43.00 ft						
Tool Length:		69.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3736.00	
shut In Tool	5.00		3741.00	
hydraulic tool	5.00		3746.00	
EM Tool	3.00		3749.00	
Safety Joint	3.00		3752.00	
Packer	5.00		3757.00	26.00 Bottom Of Top Packer
Packer	4.00		3761.00	
Stubb	1.00		3762.00	
Recorder	0.00	6625 Inside	3762.00	
Recorder	0.00	8652 Outside	3762.00	
perforations	4.00		3766.00	
change Over Sub	1.00		3767.00	
drill Pipe	32.00		3799.00	
change Over Sub	1.00		3800.00	
Bullnose	4.00		3804.00	43.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65848

DST#: 3

ATTN: Marc Downing

Test Start: 2022.06.18 @ 09:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

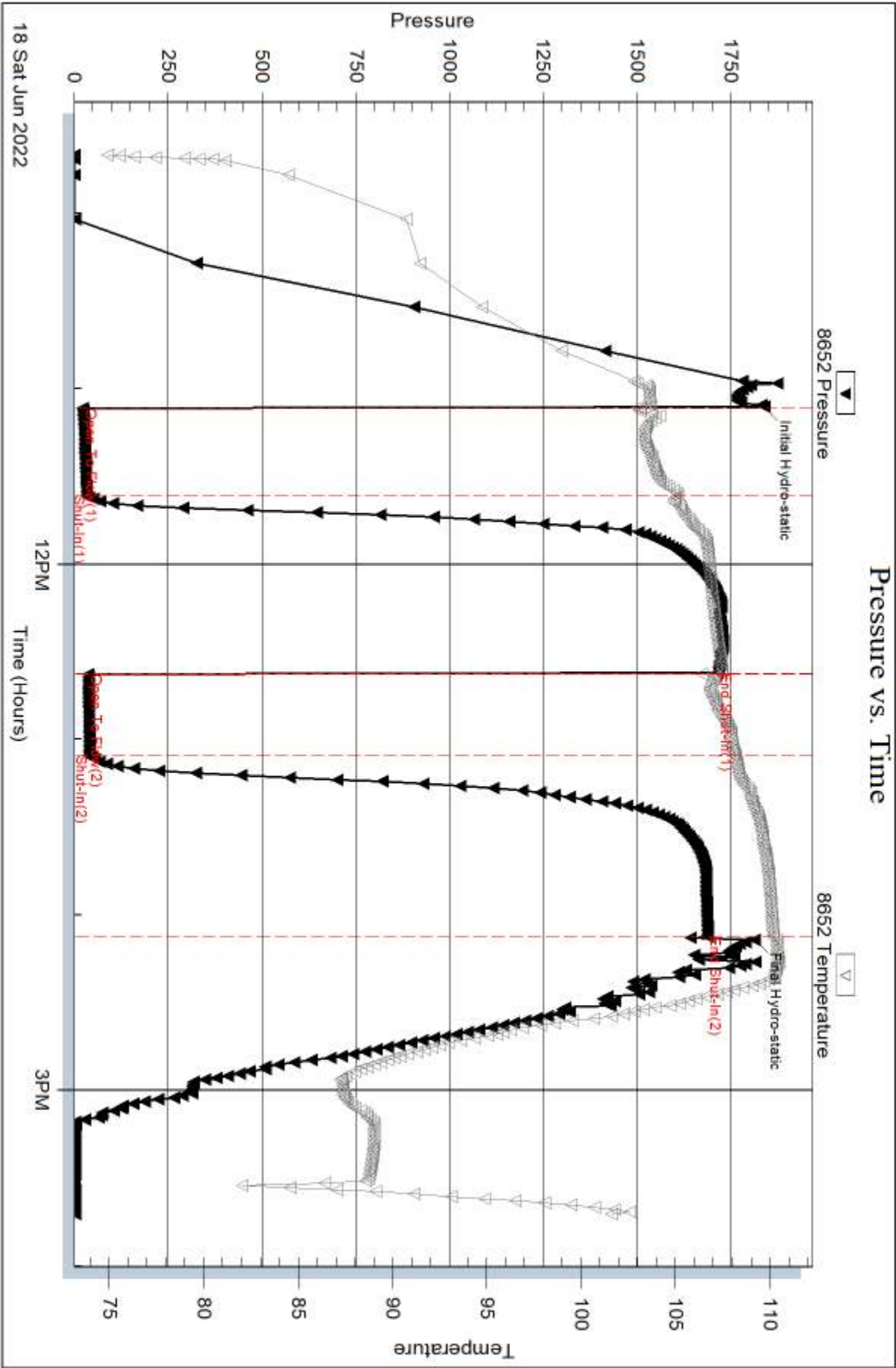
Recovery Comments: 1# LCM

Serial #: 8652

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 3



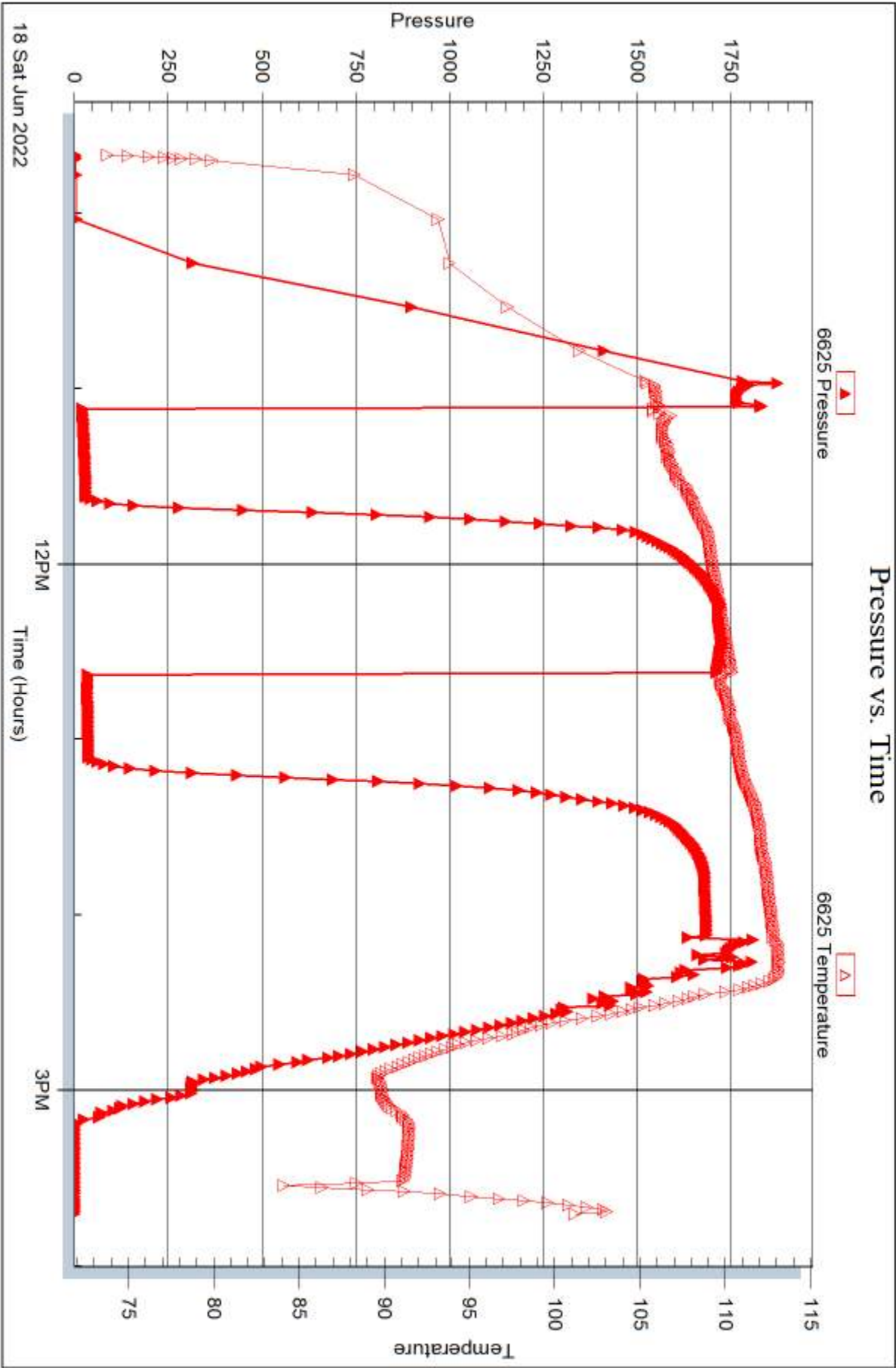
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.19 @ 01:08:00

End Date: 2022.06.19 @ 08:20:15

Job Ticket #: 65849 DST #: 4

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:13:51



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65849

DST#: 4

ATTN: Marc Downing

Test Start: 2022.06.19 @ 01:08:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:27:30

Time Test Ended: 08:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3800.00 ft (KB) To 3852.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 38.07 psig @ 3801.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.19

End Date:

2022.06.19

Last Calib.: 2022.06.19

Start Time: 01:08:05

End Time:

08:20:14

Time On Btm: 2022.06.19 @ 03:27:00

Time Off Btm: 2022.06.19 @ 06:31:00

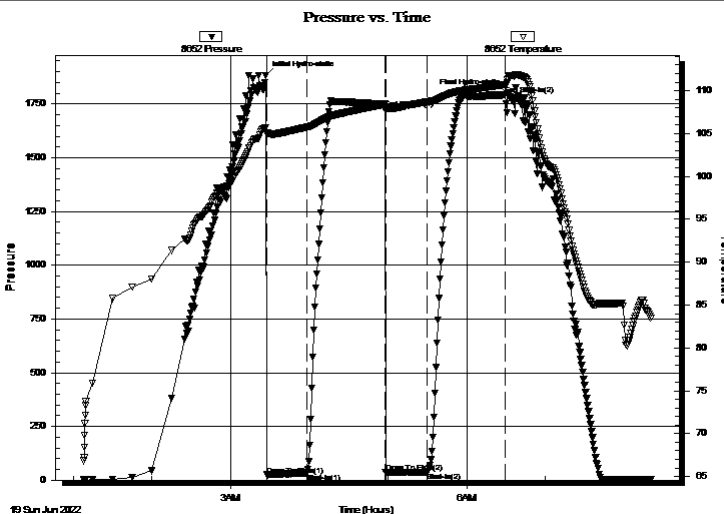
TEST COMMENT: IF-30- Built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1882.83	105.67	Initial Hydro-static
1	24.44	104.93	Open To Flow (1)
31	33.22	105.75	Shut-In(1)
91	1728.63	108.41	End Shut-In(1)
91	36.87	107.67	Open To Flow (2)
123	38.07	108.69	Shut-In(2)
182	1792.36	110.71	End Shut-In(2)
184	1796.92	111.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MCW 60% WATER 40% MUD	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65849

DST#: 4

Test Start: 2022.06.19 @ 01:08:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:27:30

Time Test Ended: 08:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3800.00 ft (KB) To 3852.00 ft (KB) (TVD)

Total Depth: 3852.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3801.00 ft (KB)

Start Date: 2022.06.19

End Date:

2022.06.19

Start Time: 01:08:05

End Time:

08:20:29

Capacity: 8000.00 psig

Last Calib.: 2022.06.19

Time On Btm:

Time Off Btm:

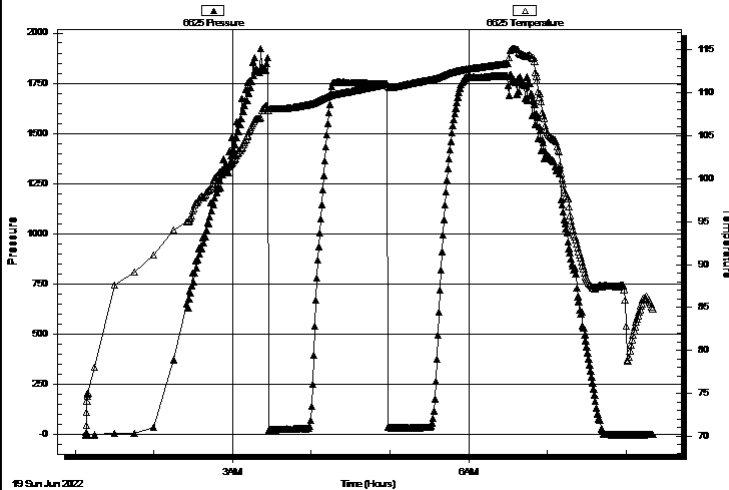
TEST COMMENT: IF-30- Built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
45.00	MCW 60% WATER 40% MUD	0.35

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65849

DST#: 4

ATTN: Marc Downing

Test Start: 2022.06.19 @ 01:08:00

Tool Information

Drill Pipe:	Length:	3761.00 ft	Diameter:	3.80 inches	Volume:	52.76 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	54000.00 lb
					Total Volume:	52.91 bbl	Tool Chased	ft
Drill Pipe Above KB:	18.00 ft						String Weight: Initial	51000.00 lb
Depth to Top Packer:	3800.00 ft						Final	51000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	52.00 ft							
Tool Length:	78.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3775.00	
shut In Tool	5.00		3780.00	
hydraulic tool	5.00		3785.00	
EM Tool	3.00		3788.00	
Safety Joint	3.00		3791.00	
Packer	5.00		3796.00	26.00 Bottom Of Top Packer
Packer	4.00		3800.00	
Stubb	1.00		3801.00	
Recorder	0.00	6625 Inside	3801.00	
Recorder	0.00	8652 Outside	3801.00	
perforations	13.00		3814.00	
change Over Sub	1.00		3815.00	
drill Pipe	32.00		3847.00	
change Over Sub	1.00		3848.00	
Bullnose	4.00		3852.00	52.00 Bottom Packers & Anchor

Total Tool Length: 78.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65849

DST#: 4

ATTN: Marc Downing

Test Start: 2022.06.19 @ 01:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 30000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	MCW 60% WATER 40% MUD	0.349

Total Length: 45.00 ft

Total Volume: 0.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

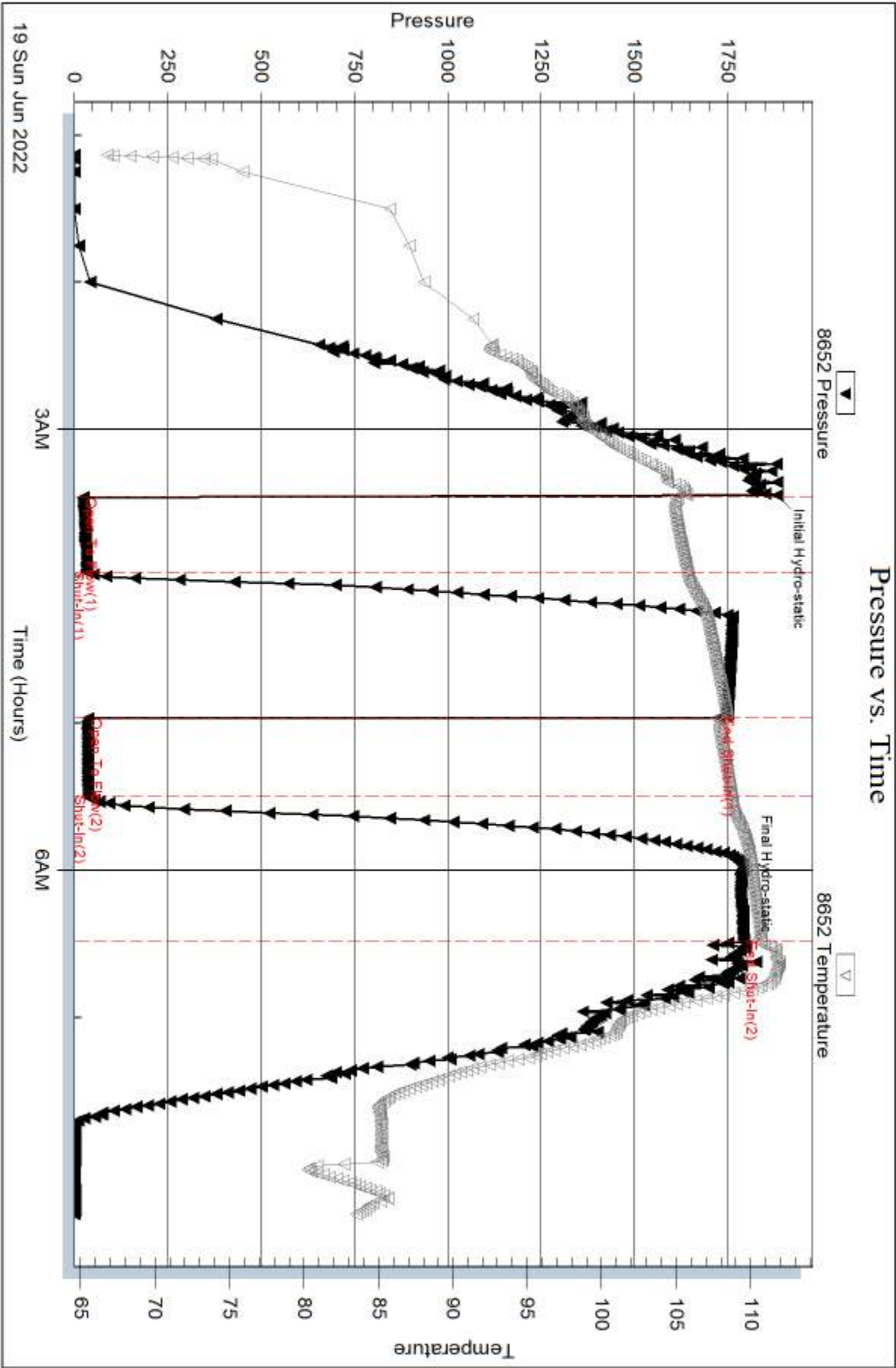
Recovery Comments: 1# LCM

Serial #: 8652

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 4



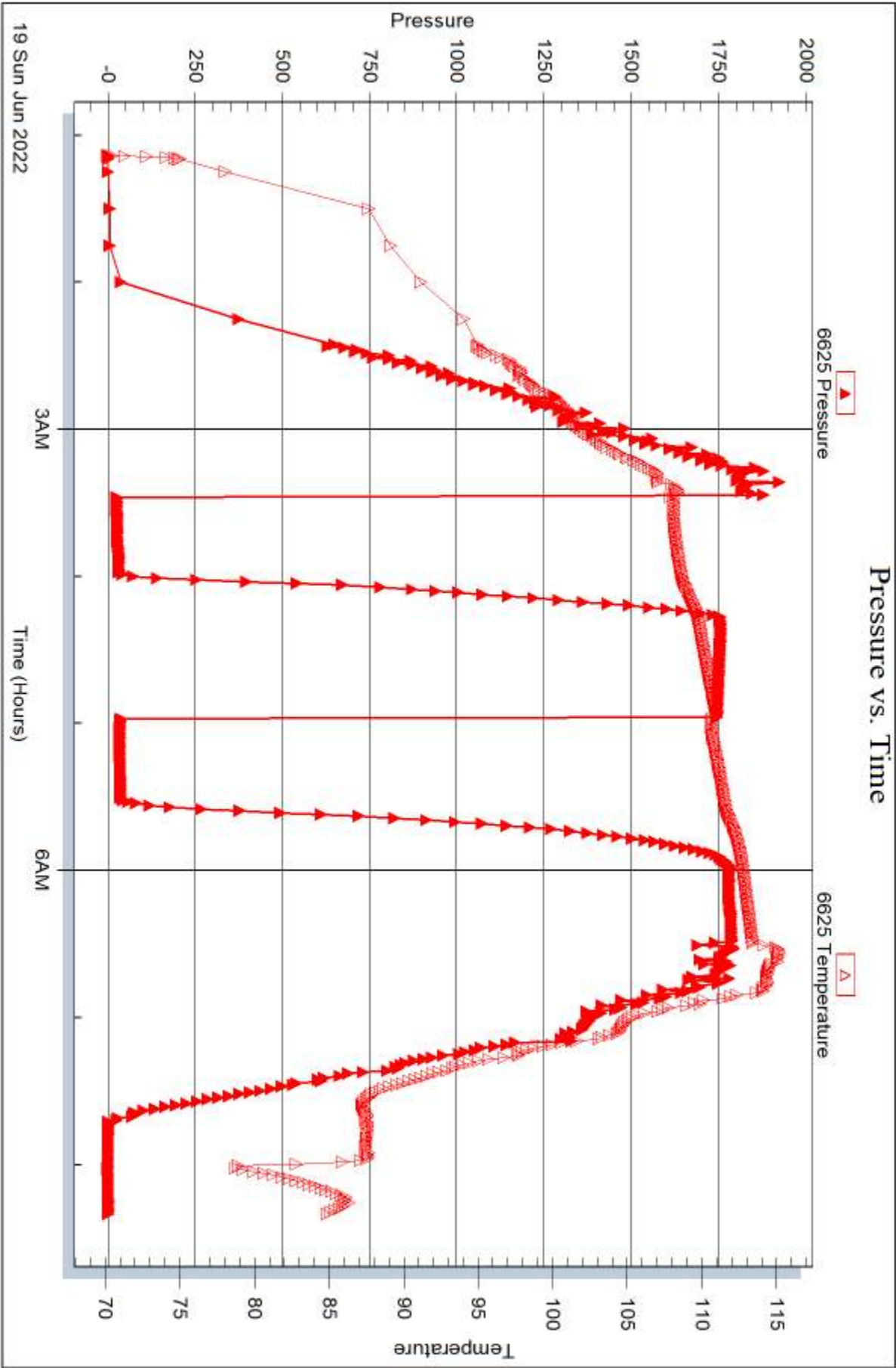
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.19 @ 17:46:00

End Date: 2022.06.20 @ 01:07:15

Job Ticket #: 65850 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:09:36



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65850

DST#: 5

Test Start: 2022.06.19 @ 17:46:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:15

Time Test Ended: 01:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3914.00 ft (KB) To 3932.00 ft (KB) (TVD)

Total Depth: 3932.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 32.23 psig @ 3915.00 ft (KB)

Start Date: 2022.06.19

End Date:

2022.06.20

Start Time: 17:46:05

End Time:

01:07:14

Capacity: 8000.00 psig

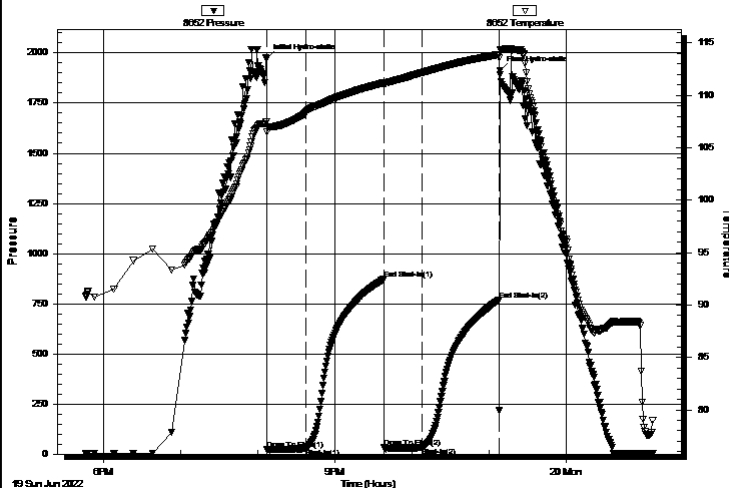
Last Calib.: 2022.06.20

Time On Btm: 2022.06.19 @ 20:07:00

Time Off Btm: 2022.06.19 @ 23:08:15

TEST COMMENT: IF-30- Built to 1"
SI1-60- No return
FF-30- Weak surface blow
SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.21	107.46	Initial Hydro-static
1	24.53	106.53	Open To Flow (1)
30	28.40	108.30	Shut-In (1)
91	871.65	111.19	End Shut-In (1)
92	31.85	110.99	Open To Flow (2)
121	32.23	112.16	Shut-In (2)
181	767.55	113.88	End Shut-In (2)
182	1913.64	114.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
13.00	OCM95% mud 5 % oil	0.06
2.00	oil 100%	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65850

DST#: 5

Test Start: 2022.06.19 @ 17:46:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:15

Time Test Ended: 01:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3914.00 ft (KB) To 3932.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3932.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3915.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.19

End Date:

2022.06.20

Last Calib.:

2022.06.20

Start Time: 17:46:05

End Time:

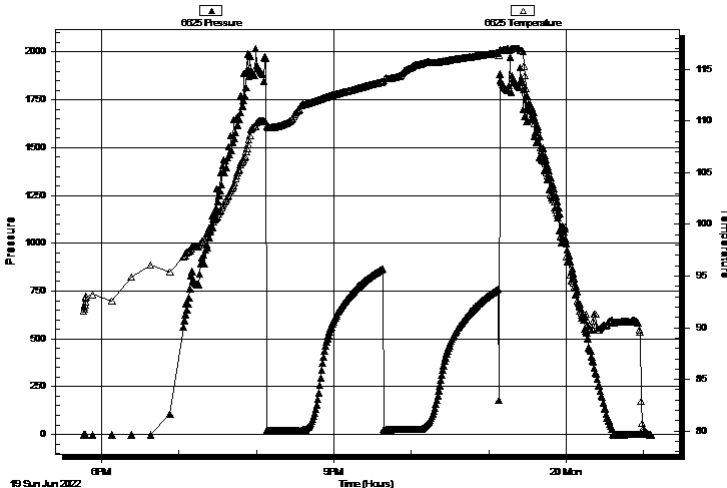
01:05:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 1"
SI1-60- No return
FF-30- Weak surface blow
SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
13.00	OCM 95% mud 5 % oil	0.06
2.00	oil 100%	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65850

DST#: 5

ATTN: Marc Downing

Test Start: 2022.06.19 @ 17:46:00

Tool Information

Drill Pipe:	Length:	3888.00 ft	Diameter:	3.80 inches	Volume:	54.54 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	56000.00 lb
					Total Volume:	54.69 bbl	Tool Chased	ft
Drill Pipe Above KB:		31.00 ft					String Weight: Initial	51000.00 lb
Depth to Top Packer:		3914.00 ft					Final	51000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		18.00 ft						
Tool Length:		44.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3889.00	
shut In Tool	5.00			3894.00	
hydraulic tool	5.00			3899.00	
EM Tool	3.00			3902.00	
Safety Joint	3.00			3905.00	
Packer	5.00			3910.00	26.00 Bottom Of Top Packer
Packer	4.00			3914.00	
Stubb	1.00			3915.00	
Recorder	0.00	6625	Inside	3915.00	
Recorder	0.00	8652	Outside	3915.00	
perforations	13.00			3928.00	
Bullnose	4.00			3932.00	18.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65850

DST#: 5

ATTN: Marc Downing

Test Start: 2022.06.19 @ 17:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
13.00	OCM 95% mud 5 % oil	0.064
2.00	oil 100%	0.010

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

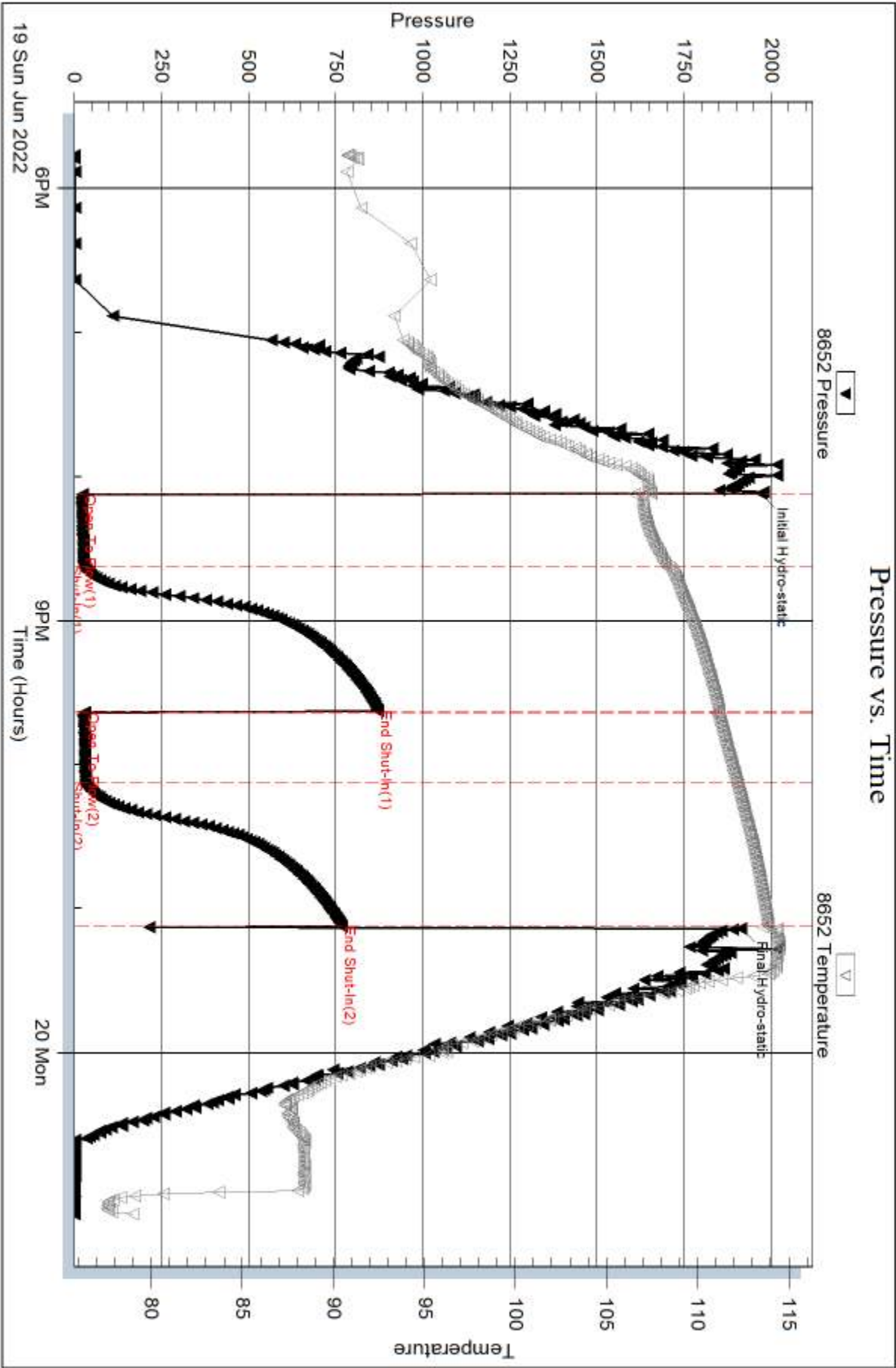
Recovery Comments: 1# LCM

Serial #: 8652

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 5



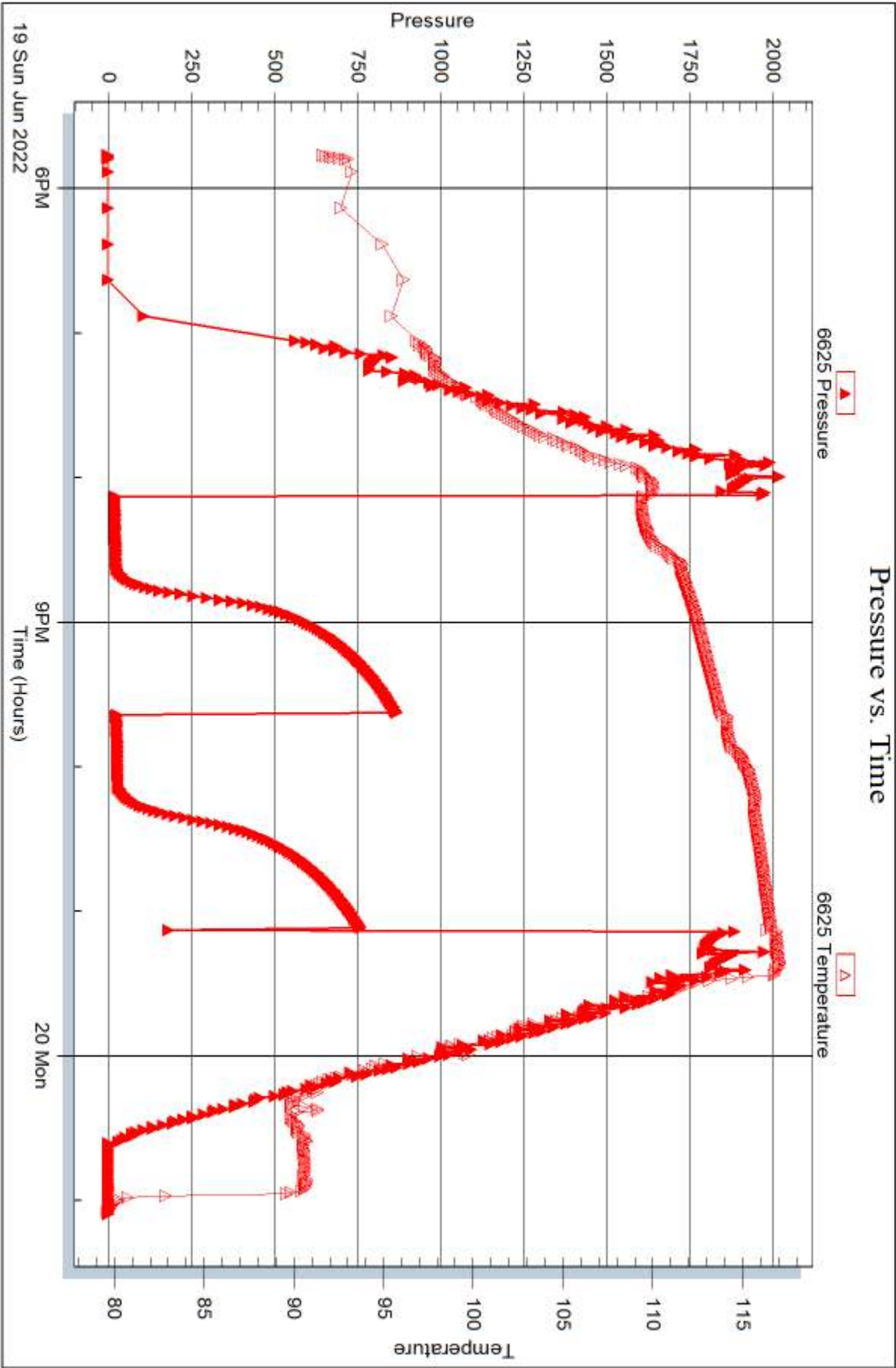
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.20 @ 11:22:00

End Date: 2022.06.20 @ 18:35:15

Job Ticket #: 69101 DST #: 6

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:08:35



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 69101

DST#: 6

Test Start: 2022.06.20 @ 11:22:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:23:15

Time Test Ended: 18:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3927.00 ft (KB) To 3975.00 ft (KB) (TVD)

Total Depth: 3975.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 35.47 psig @ 3928.00 ft (KB)

Start Date: 2022.06.20

End Date:

2022.06.20

Start Time: 11:22:05

End Time:

18:35:14

Capacity: 8000.00 psig

Last Calib.: 2022.06.20

Time On Btm: 2022.06.20 @ 13:23:00

Time Off Btm: 2022.06.20 @ 16:25:30

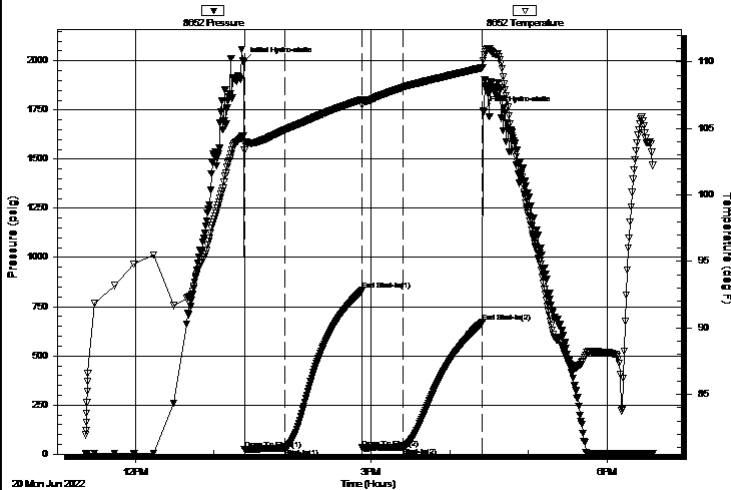
TEST COMMENT: IF-30- Built to 1/4"

SI1-60- No return

FF-30- No blow

SI2-60- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.50	104.45	Initial Hydro-static
1	23.87	103.36	Open To Flow (1)
31	29.81	104.87	Shut-In(1)
90	832.84	107.18	End Shut-In(1)
91	32.01	106.78	Open To Flow (2)
121	35.47	108.09	Shut-In(2)
182	670.86	109.57	End Shut-In(2)
183	1746.90	110.10	Final Hydro-static

Recovery

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

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 69101

DST#: 6

Test Start: 2022.06.20 @ 11:22:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:23:15

Time Test Ended: 18:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3927.00 ft (KB) To 3975.00 ft (KB) (TVD)

Total Depth: 3975.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3928.00 ft (KB)

Start Date: 2022.06.20

End Date:

2022.06.20

Start Time: 11:22:05

End Time:

18:35:14

Capacity: 8000.00 psig

Last Calib.:

2022.06.20

Time On Btm:

Time Off Btm:

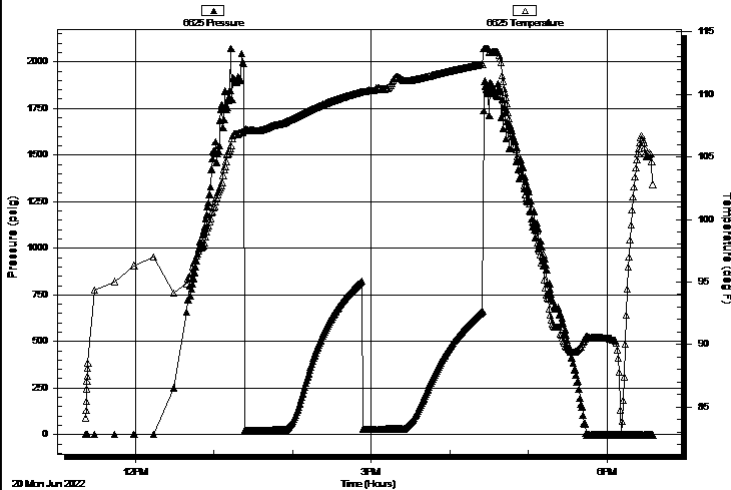
TEST COMMENT: IF-30- Built to 1/4"

SI1-60- No return

FF-30- No blow

SI2-60- No blow

Pressure vs. Time



PRESSURE SUMMARY

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

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

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 69101

DST#: 6

ATTN: Marc Downing

Test Start: 2022.06.20 @ 11:22:00

Tool Information

Drill Pipe:	Length:	3887.00 ft	Diameter:	3.80 inches	Volume:	54.52 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	62000.00 lb
					Total Volume:	54.67 bbl	Tool Chased	ft
Drill Pipe Above KB:	17.00 ft						String Weight: Initial	51000.00 lb
Depth to Top Packer:	3927.00 ft						Final	51000.00 lb
Depth to Bottom Packer:	ft							
Interval between Packers:	48.00 ft							
Tool Length:	74.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------	------------	----------	------------	----------------

Change Over Sub	1.00		3902.00	
shut In Tool	5.00		3907.00	
hydraulic tool	5.00		3912.00	
EM Tool	3.00		3915.00	
Safety Joint	3.00		3918.00	
Packer	5.00		3923.00	26.00 Bottom Of Top Packer
Packer	4.00		3927.00	
Stubb	1.00		3928.00	
Recorder	0.00	6625 Inside	3928.00	
Recorder	0.00	8652 Outside	3928.00	
perforations	9.00		3937.00	
change Over Sub	1.00		3938.00	
drill Pipe	32.00		3970.00	
change Over Sub	1.00		3971.00	
Bullnose	4.00		3975.00	48.00 Bottom Packers & Anchor

Total Tool Length: 74.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 69101

DST#: 6

ATTN: Marc Downing

Test Start: 2022.06.20 @ 11:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 5.77 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

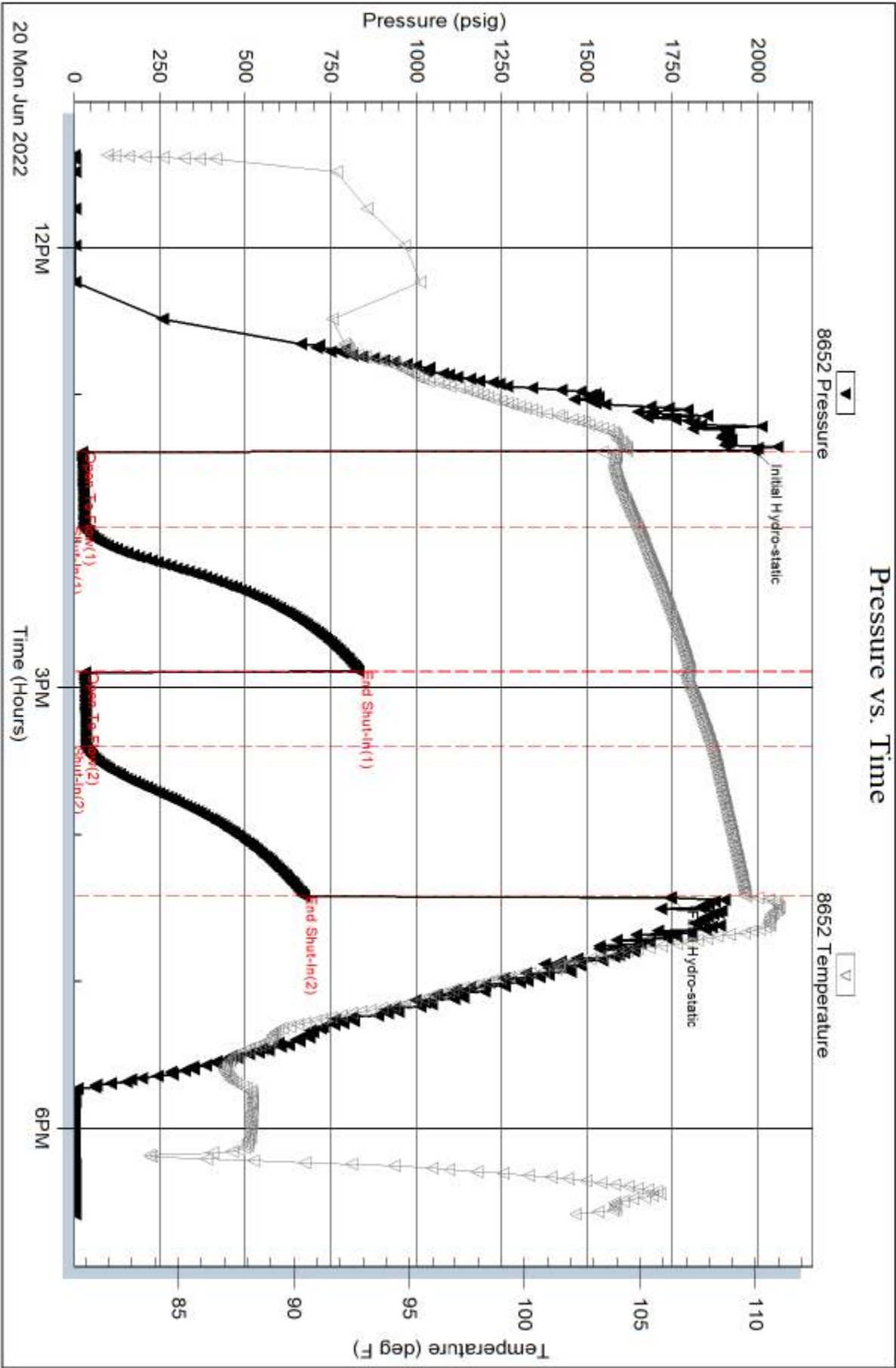
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



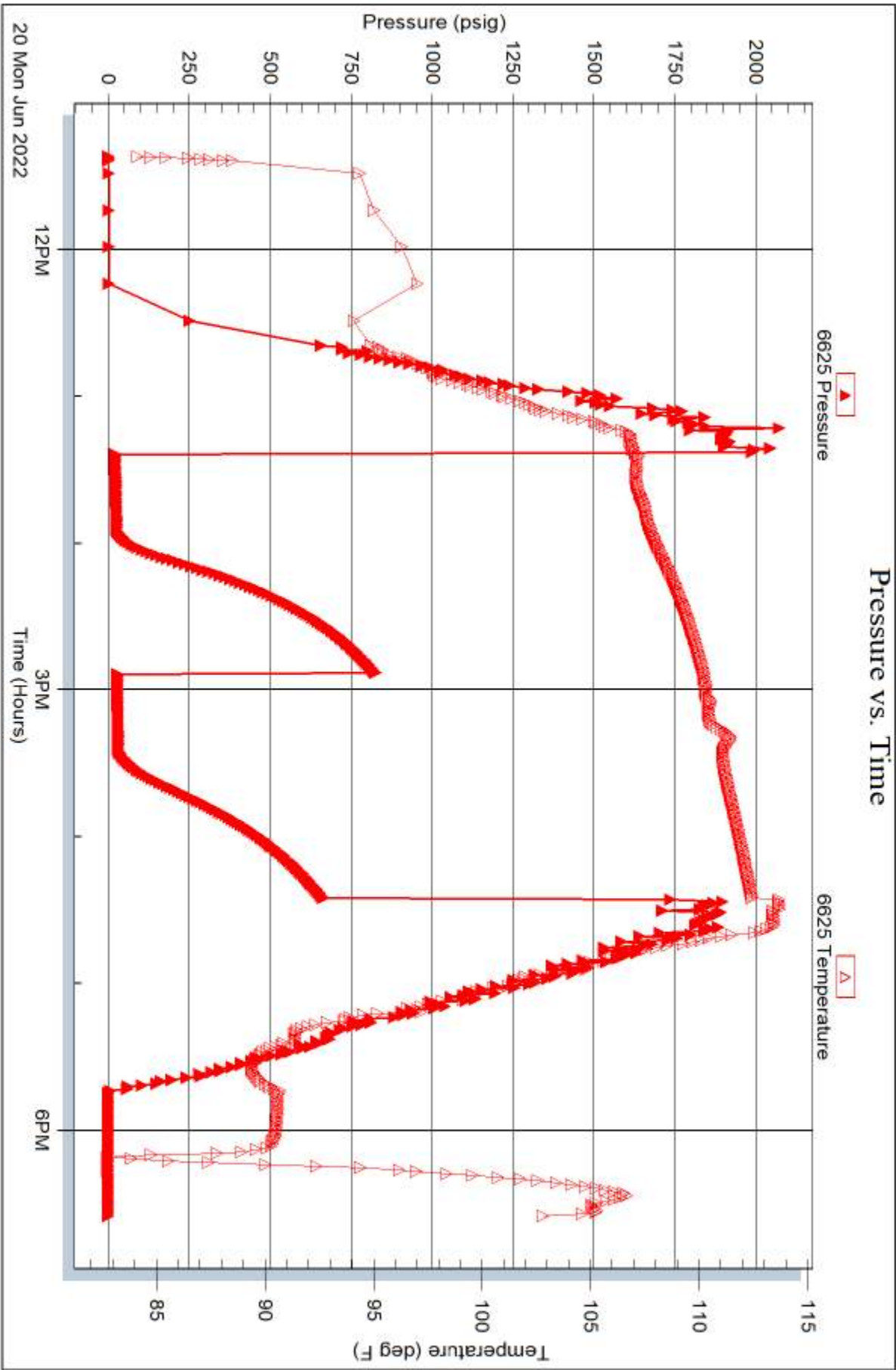
Serial #: 6625

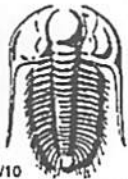
Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65846

NO.

Well Name & No. Arletta # 2-77 Test No. 1 Date 6/16/22
 Company Gore Oil company Elevation 2319 KB 2311 GL
 Address 202 S St Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Dawning Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3579-3645 Zone Tested Toronto-LKC B
 Anchor Length 66 Drill Pipe Run 3540 Mud Wt. 8.6
 Top Packer Depth 3574 Drill Collars Run 31 Vls 49
 Bottom Packer Depth 3579 Wt. Pipe Run Ø WL 5.8
 Total Depth 3645 Chlorides 2500 ppm System LCM 2#

Blow Description 1F-Built to 1 1/2"
S14-No return
FF No blow
S12-No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>75</u>	<u>Mud</u>			<u>100%</u>	<u>mud</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 75' BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic <u>11698</u>	☒ Test 1800	T-On Location <u>19:00</u>
(B) First Initial Flow <u>37</u>	☐ Jars	T-Started <u>20:47</u>
(C) First Final Flow <u>45</u>	☒ Safety Joint	T-Open <u>23:18</u>
(D) Initial Shut-In <u>982</u>	☒ Circ Sub <u>N/A</u>	T-Pulled <u>02:18</u>
(E) Second Initial Flow <u>46</u>	☐ Hourly Standby	T-Out <u>04:32</u>
(F) Second Final Flow <u>50</u>	☒ Mileage <u>58</u> 87	Comments <u>Slid 8', bled off</u>
(G) Final Shut-In <u>958</u>	☐ Sampler	<u>2 1/2" blow</u>
(H) Final Hydrostatic <u>11657</u>	☐ Straddle	

Initial Open <u>30</u>	☐ Shale Packer	☒ EM Tool
Initial Shut-In <u>60</u>	☐ Extra Packer	☐ Ruined Shale Packer
Final Flow <u>30</u>	☐ Extra Recorder	☐ Ruined Packer
Final Shut-In <u>60</u>	☐ Day Standby	☐ Extra Copies
	☐ Accessibility	Sub Total <u>0</u>
	Sub Total <u>1887</u>	Total <u>1887</u>
		MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65847

NO.

Well Name & No. Arleta #2-27 Test No. 2 Date 6/17/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St. Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3682-3708 Zone Tested LKC E+F
 Anchor Length 26 Drill Pipe Run 3635 Mud Wt. 9.0
 Top Packer Depth 3677 Drill Collars Run 31 Vis 50
 Bottom Packer Depth 3682 Wt. Pipe Run 0 WL 5.8
 Total Depth 3708 Chlorides 3400 ppm System LCM 1#

Blow Description IF Built to 5 1/4"
S12- No return
FF Built to 7 1/2"
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>Mud</u>				<u>100</u>
<u>128</u>	<u>MCW</u>			<u>90</u>	<u>10</u>

Rec Total 159 BHT 116 Gravity _____ API RW .08 @ 90 °F Chlorides 75000 ppm

(A) Initial Hydrostatic <u>1773</u>	☒ Test <u>1800</u>	T-On Location <u>12:45</u>
(B) First Initial Flow <u>29</u>	☐ Jars _____	T-Started <u>13:06</u>
(C) First Final Flow <u>45</u>	☒ Safety Joint _____	T-Open <u>14:50</u>
(D) Initial Shut-In <u>576</u>	☒ Circ Sub <u>N/A</u>	T-Pulled <u>18:50</u>
(E) Second Initial Flow <u>51</u>	☐ Hourly Standby _____	T-Out <u>21:15</u>
(F) Second Final Flow <u>860</u>	☒ Mileage <u>58</u> 87	Comments _____
(G) Final Shut-In <u>567</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>1629</u>	☐ Straddle _____	☒ EM Tool _____

Initial Open <u>30</u>	☐ Shale Packer _____	☐ Ruined Shale Packer _____
Initial Shut-In <u>60</u>	☐ Extra Packer _____	☐ Ruined Packer _____
Final Flow <u>60</u>	☐ Extra Recorder _____	☐ Extra Copies _____
Final Shut-In <u>90</u>	☐ Day Standby _____	Sub Total <u>0</u>
	☐ Accessibility _____	Total <u>1887</u>
	Sub Total <u>1887</u>	MP/DST Disc't _____

Approved By _____ Our Representative Dust Dy
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65848

NO.

Well Name & No. Acleta #2-27 Test No. 3 Date 6/18/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St. Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3761-3804 Zone Tested LKC T+U
 Anchor Length 43 Drill Pipe Run 3729 Mud Wt. 91
 Top Packer Depth 3756 Drill Collars Run 31 Vis 56
 Bottom Packer Depth 3804 Wt. Pipe Run 9 WL 5.8
 Total Depth 3804 Chlorides 3500 ppm System LCM 1#

Blow Description IF- Built to 1 1/4"

S12- No return

FF- Weak surface blow

S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud oil spots in tool</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 110 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1838

(B) First Initial Flow 23

(C) First Final Flow 34

(D) Initial Shut-In 1715

(E) Second Initial Flow 38

(F) Second Final Flow 41

(G) Final Shut-In 1688

(H) Final Hydrostatic 1813

Initial Open 30

Initial Shut-In 60

Final Flow 30

Final Shut-In 60

☒ Test 1800

☐ Jars

☒ Safety Joint

☒ Circ Sub N/A

☐ Hourly Standby

☒ Mileage 58 87

☐ Sampler

☐ Straddle

☐ Shale Packer

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 1887

T-On Location 09:15

T-Started 09:40

T-Open 11:06

T-Pulled 14:06

T-Out 15:43

Comments

☒ EM Tool

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 0

Total 1887

MP/DST Disc't

Approved By _____

Our Representative DJH

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**TRILOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65849

NO.

Well Name & No. Arleta #2-27 Test No. 4 Date 6/19/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3800-3852 Zone Tested LKC K
 Anchor Length 52 Drill Pipe Run 3761 Mud Wt. 9.1
 Top Packer Depth 3795 Drill Collars Run 31 Vls 56
 Bottom Packer Depth 3800 Wt. Pipe Run Ø WL 5.8
 Total Depth 3852 Chlorides 3500 ppm System LCM #

Blow Description IF-Built to 1 1/2"

SI2- No return

FF- NO blow

SI2- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>MCW</u>			<u>60</u>	<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 45 BHT 111 Gravity _____ API RW 20 @ 81 °F Chlorides 30000 ppm

(A) Initial Hydrostatic 1883
 (B) First Initial Flow 24
 (C) First Final Flow 33
 (D) Initial Shut-In 1729
 (E) Second Initial Flow 37
 (F) Second Final Flow 38
 (G) Final Shut-In 1792
 (H) Final Hydrostatic 1797

☒ Test 1800
☐ Jars _____
☒ Safety Joint _____
☒ Circ Sub NA
☐ Hourly Standby _____
☒ Mileage 58 87
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1887

T-On Location 00:00
 T-Started 01:08
 T-Open 03:28
 T-Pulled 06:28
 T-Out 08:21
 Comments _____
☒ EM Tool _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1887
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 66
 Final Flow 30
 Final Shut-In 60

Approved By _____

Our Representative DWADY

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**TRILOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65850

NO.

Well Name & No. Arleta #2-27 Test No. 5 Date 6/19/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St. Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3914-3932 Zone Tested Marmaton
 Anchor Length 18 Drill Pipe Run 3888 Mud Wt. 9.1
 Top Packer Depth 3909 Drill Collars Run 31 Vis 47
 Bottom Packer Depth 3914 Wt. Pipe Run 0 WL 5.8
 Total Depth 3932 Chlorides 3400 ppm System LCM 1#

Blow Description IF-Built to 1"

S12-No return

ff-Weak surface blow

S12-No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>13</u>	<u>OCM</u>		<u>5</u>		<u>95</u>
<u>2</u>	<u>oil</u>		<u>100</u>		

Rec Total 15 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1971
 (B) First Initial Flow 25
 (C) First Final Flow 28
 (D) Initial Shut-In 872
 (E) Second Initial Flow 32
 (F) Second Final Flow 32
 (G) Final Shut-In 7168
 (H) Final Hydrostatic 1914

☒ Test 1800
☐ Jars _____
☒ Safety Joint _____
☒ Circ Sub N/A
☐ Hourly Standby _____
☒ Mileage 58 87
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1887

T-On Location 17:30
 T-Started 17:46
 T-Open 20:07
 T-Pulled 23:07
 T-Out 01:07
 Comments _____
☒ EM Tool _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1887
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 600
 Final Flow 30
 Final Shut-In 600

Approved By _____

Our Representative DWJ

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TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69101**

Well Name & No. Arleta #2-27 Test No. 10 Date 10/20/22
Company Gore Oil Company Elevation 2319 KB 2311 GL
Address 202 S St Francis Ave Wichita, KS 67202
Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3927-3975 Zone Tested Conglomerate
Anchor Length 48 Drill Pipe Run 3887 Mud Wt. 91
Top Packer Depth 3922 Drill Collars Run 31 Vis 49
Bottom Packer Depth 3927 Wt. Pipe Run Ø WL 5.8
Total Depth 3975 Chlorides 3600 ppm System LCM 1#

Blow Description 1F - Built to 1/4"
S17 - No return
FF - No blow
S12 - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	

Rec Total 5 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1994
(B) First Initial Flow 24
(C) First Final Flow 30
(D) Initial Shut-In 833
(E) Second Initial Flow 32
(F) Second Final Flow 35
(G) Final Shut-In 671
(H) Final Hydrostatic 1747

☒ Test 1800
☐ Jars _____
☒ Safety Joint _____
☒ Circ Sub 121A
☐ Hourly Standby _____
☒ Mileage 58x2 174
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
Sub Total 1974

T-On Location 11:00
T-Started 11:22
T-Open 13:24
T-Pulled 16:24
T-Out 18:36
Comments loaded tools
6/21 @ 3:00
☒ EM Tool _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Sub Total 0
Total 1974
MP/DST Disc't _____

Initial Open 30
Initial Shut-In 60
Final Flow 30
Final Shut-In 60

Approved By _____

Our Representative D. H. H.

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DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.16 @ 20:47:00

End Date: 2022.06.17 @ 04:37:15

Job Ticket #: 65846 DST #: 1

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:29:42



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego,KS

Arleta #2-27

Job Ticket: 65846

DST#: 1

Test Start: 2022.06.16 @ 20:47:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:23:15

Time Test Ended: 04:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3579.00 ft (KB) To 3645.00 ft (KB) (TVD)

Total Depth: 3645.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: 50.16 psig @ 3580.00 ft (KB)

Start Date: 2022.06.16

End Date:

2022.06.17

Start Time: 20:47:05

End Time:

04:37:14

Capacity: 8000.00 psig

Last Calib.: 2022.06.17

Time On Btm: 2022.06.16 @ 23:23:00

Time Off Btm: 2022.06.17 @ 02:25:45

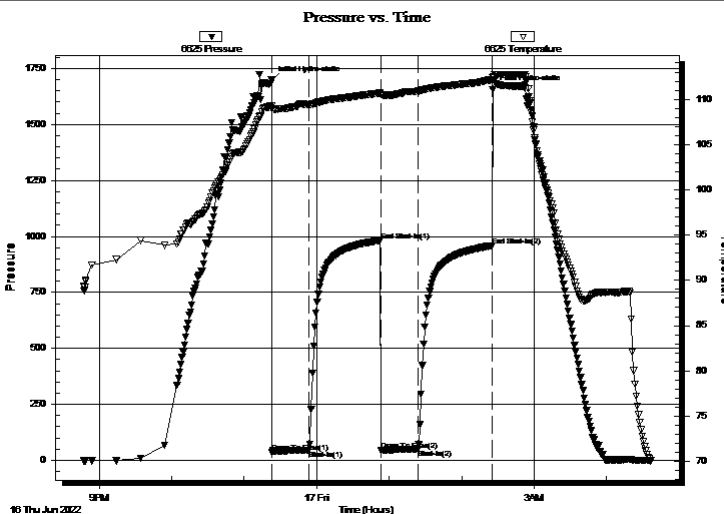
TEST COMMENT: IF-30- Slid 8' after tool opened, bled off 2 1/2" blow , built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1697.76	109.23	Initial Hydro-static
1	37.25	108.97	Open To Flow (1)
31	45.41	109.42	Shut-In(1)
90	981.82	110.67	End Shut-In(1)
91	45.99	110.48	Open To Flow (2)
121	50.16	110.87	Shut-In(2)
183	958.05	112.14	End Shut-In(2)
183	1656.80	112.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
75.00	mud 100%	0.77

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

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65846

DST#: 1

Test Start: 2022.06.16 @ 20:47:00

GENERAL INFORMATION:

Formation: **Toronto - LKC B**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 23:23:15

Time Test Ended: 04:37:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Dustin Day

Unit No: 70

Interval: 3579.00 ft (KB) To 3645.00 ft (KB) (TVD)

Total Depth: 3645.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3580.00 ft (KB)

Start Date: 2022.06.16

End Date:

2022.06.17

Start Time: 20:47:05

End Time:

04:37:29

Capacity: 8000.00 psig

Last Calib.:

2022.06.17

Time On Btm:

Time Off Btm:

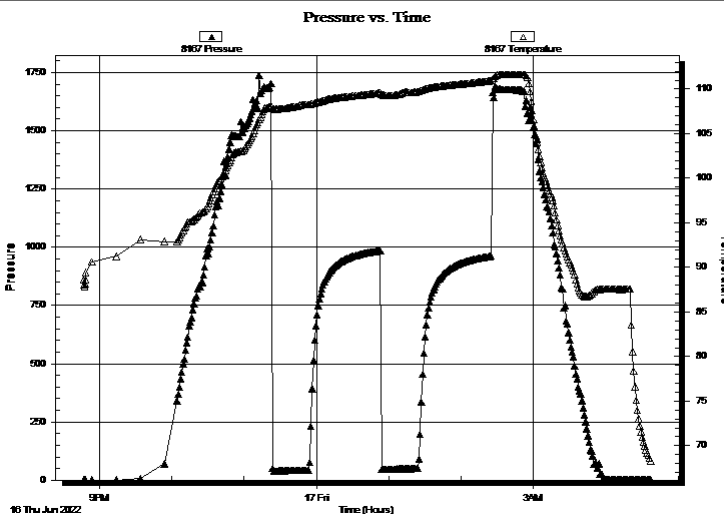
TEST COMMENT: IF-30- Slid 8' after tool opened, bled off 2 1/2" blow, built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

PRESSURE SUMMARY



Time
(Min.)

Pressure
(psig)

Temp
(deg F)

Annotation

Recovery

Length (ft)	Description	Volume (bbl)
75.00	mud 100%	0.77

Gas Rates

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

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65846

DST#: 1

ATTN: Marc Downing

Test Start: 2022.06.16 @ 20:47:00

Tool Information

Drill Pipe:	Length:	3540.00 ft	Diameter:	3.80 inches	Volume:	49.66 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	70000.00 lb
					Total Volume:	49.81 bbl	Tool Chased	8.00 ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	48000.00 lb
Depth to Top Packer:		3579.00 ft					Final	48000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		66.00 ft						
Tool Length:		92.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3554.00	
shut In Tool	5.00		3559.00	
hydraulic tool	5.00		3564.00	
EM Tool	3.00		3567.00	
Safety Joint	3.00		3570.00	
Packer	5.00		3575.00	26.00 Bottom Of Top Packer
Packer	4.00		3579.00	
Stubb	1.00		3580.00	
Recorder	0.00	6625 Inside	3580.00	
Recorder	0.00	8167 Outside	3580.00	
perforations	27.00		3607.00	
change Over Sub	1.00		3608.00	
drill Pipe	32.00		3640.00	
change Over Sub	1.00		3641.00	
Bullnose	4.00		3645.00	66.00 Bottom Packers & Anchor

Total Tool Length: 92.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65846

DST#: 1

ATTN: Marc Downing

Test Start: 2022.06.16 @ 20:47:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
75.00	mud 100%	0.770

Total Length: 75.00 ft

Total Volume: 0.770 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 2# LCM

Serial #: 6625

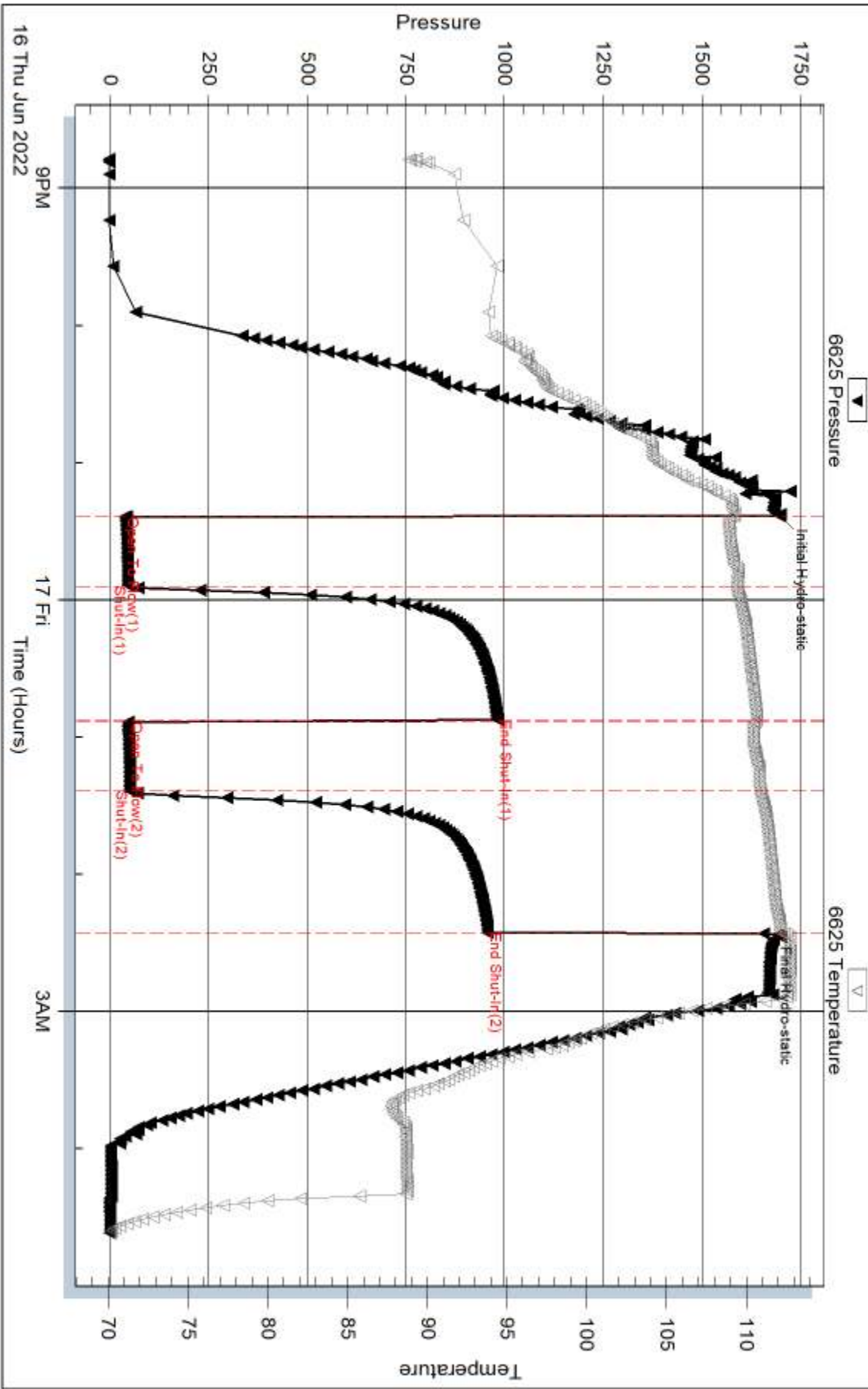
Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 1

Pressure vs. Time



Trilobite Testing, Inc

Ref. No: 65846

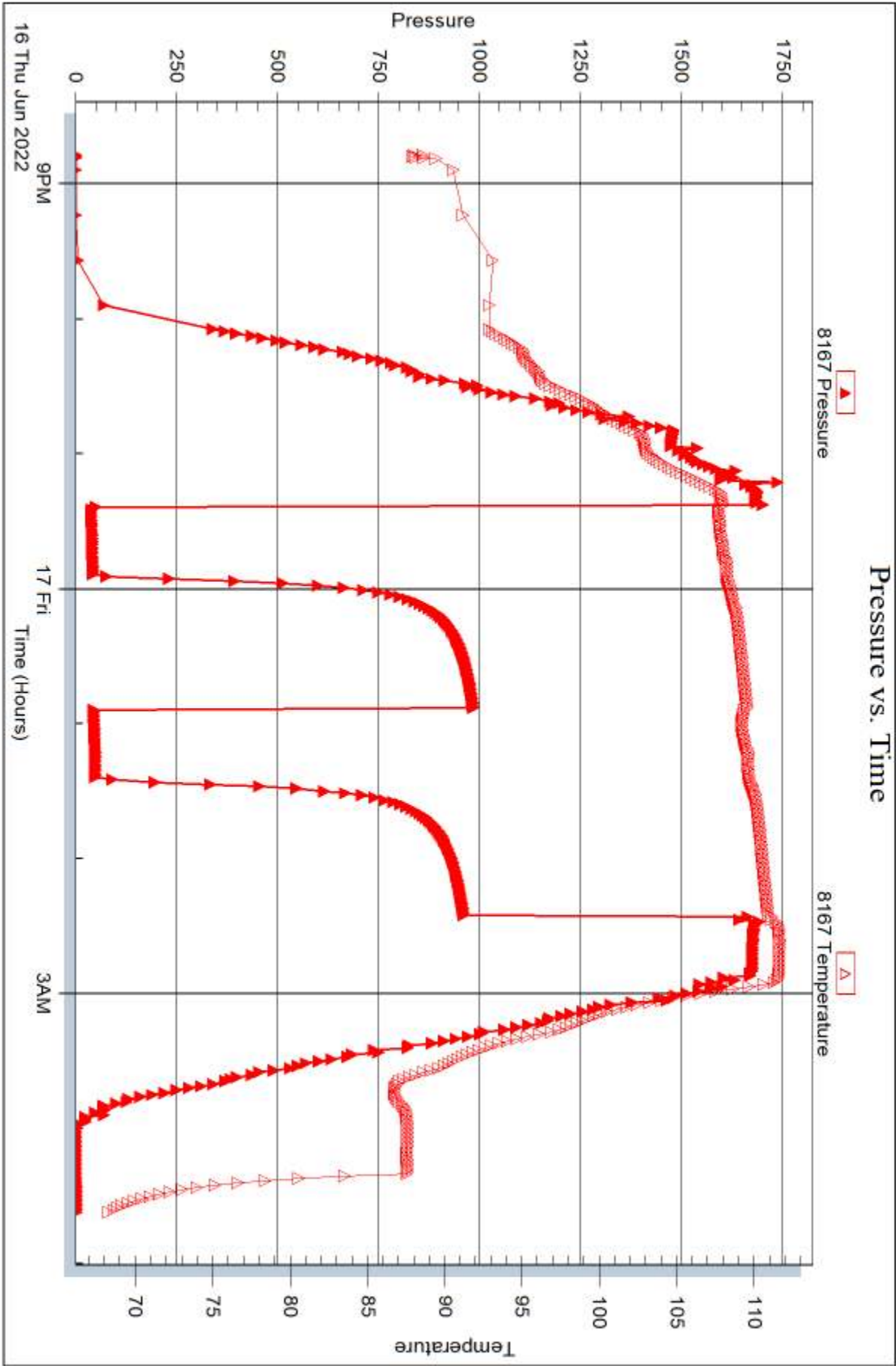
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Serial #: 8167

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.17 @ 13:06:00

End Date: 2022.06.17 @ 21:07:00

Job Ticket #: 65847 DST #: 2

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:28:24



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65847

DST#: 2

Test Start: 2022.06.17 @ 13:06:00

GENERAL INFORMATION:

Formation: **LKC E - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:50:00

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3682.00 ft (KB) To 3708.00 ft (KB) (TVD)

Total Depth: 3708.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: 86.32 psig @ 3683.00 ft (KB)

Start Date: 2022.06.17

End Date:

2022.06.17

Start Time: 13:06:05

End Time:

21:06:59

Capacity: 8000.00 psig

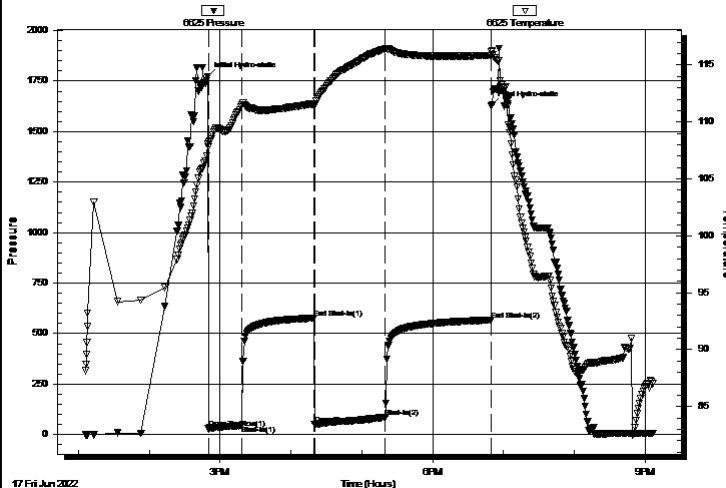
Last Calib.: 2022.06.17

Time On Btm: 2022.06.17 @ 14:49:30

Time Off Btm: 2022.06.17 @ 18:50:00

TEST COMMENT: IF-30- Built to 5 1/4"
SI1-60- No return
FF-60- Built to 7 1/2"
SI2-90- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1772.89	108.11	Initial Hydro-static
1	28.98	107.80	Open To Flow (1)
30	45.44	111.53	Shut-In(1)
91	576.44	111.59	End Shut-In(1)
91	51.40	111.47	Open To Flow (2)
151	86.32	116.45	Shut-In(2)
241	566.58	115.85	End Shut-In(2)
241	1629.14	116.18	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
31.00	Mud 100%	0.15
128.00	MCW 10% mud 90% w ater	1.80

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65847

DST#: 2

Test Start: 2022.06.17 @ 13:06:00

GENERAL INFORMATION:

Formation: **LKC E - F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:50:00

Time Test Ended: 21:07:00

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3682.00 ft (KB) To 3708.00 ft (KB) (TVD)

Total Depth: 3708.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8167 Outside

Press@RunDepth: psig @ 3683.00 ft (KB)

Start Date: 2022.06.17

End Date:

2022.06.17

Start Time: 13:06:05

End Time:

21:06:59

Capacity: 8000.00 psig

Last Calib.:

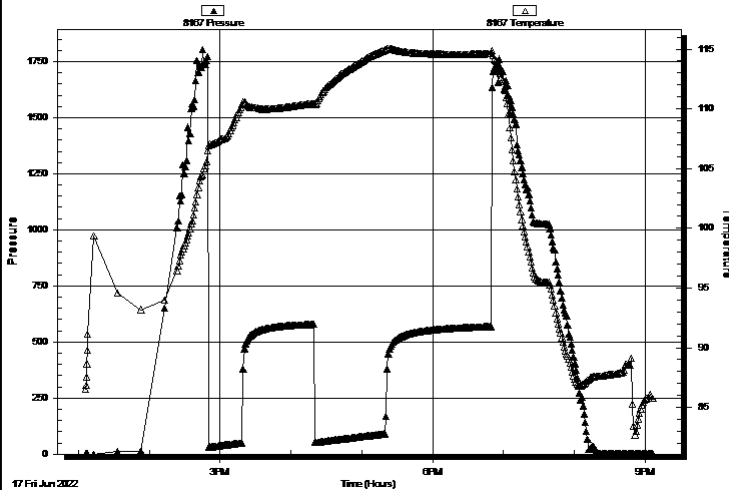
2022.06.17

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 5 1/4"
SI1-60- No return
FF-60- Built to 7 1/2"
SI2-90- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
31.00	Mud 100%	0.15
128.00	MCW 10% mud 90% water	1.80

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65847

DST#: 2

ATTN: Marc Downing

Test Start: 2022.06.17 @ 13:06:00

Tool Information

Drill Pipe:	Length:	3635.00 ft	Diameter:	3.80 inches	Volume:	50.99 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	54000.00 lb
					Total Volume:	51.14 bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:		10.00 ft					String Weight: Initial	49000.00 lb
Depth to Top Packer:		3682.00 ft					Final	50000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		26.00 ft						
Tool Length:		52.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3657.00	
shut In Tool	5.00			3662.00	
hydraulic tool	5.00			3667.00	
EM Tool	3.00			3670.00	
Safety Joint	3.00			3673.00	
Packer	5.00			3678.00	26.00 Bottom Of Top Packer
Packer	4.00			3682.00	
Stubb	1.00			3683.00	
Recorder	0.00	6625	Inside	3683.00	
Recorder	0.00	8167	Outside	3683.00	
perforations	21.00			3704.00	
Bullnose	4.00			3708.00	26.00 Bottom Packers & Anchor

Total Tool Length: 52.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65847

DST#: 2

ATTN: Marc Downing

Test Start: 2022.06.17 @ 13:06:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 50.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

deg API

Water Salinity: 75000 ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
31.00	Mud 100%	0.152
128.00	MCW 10% mud 90% w ater	1.796

Total Length: 159.00 ft

Total Volume: 1.948 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

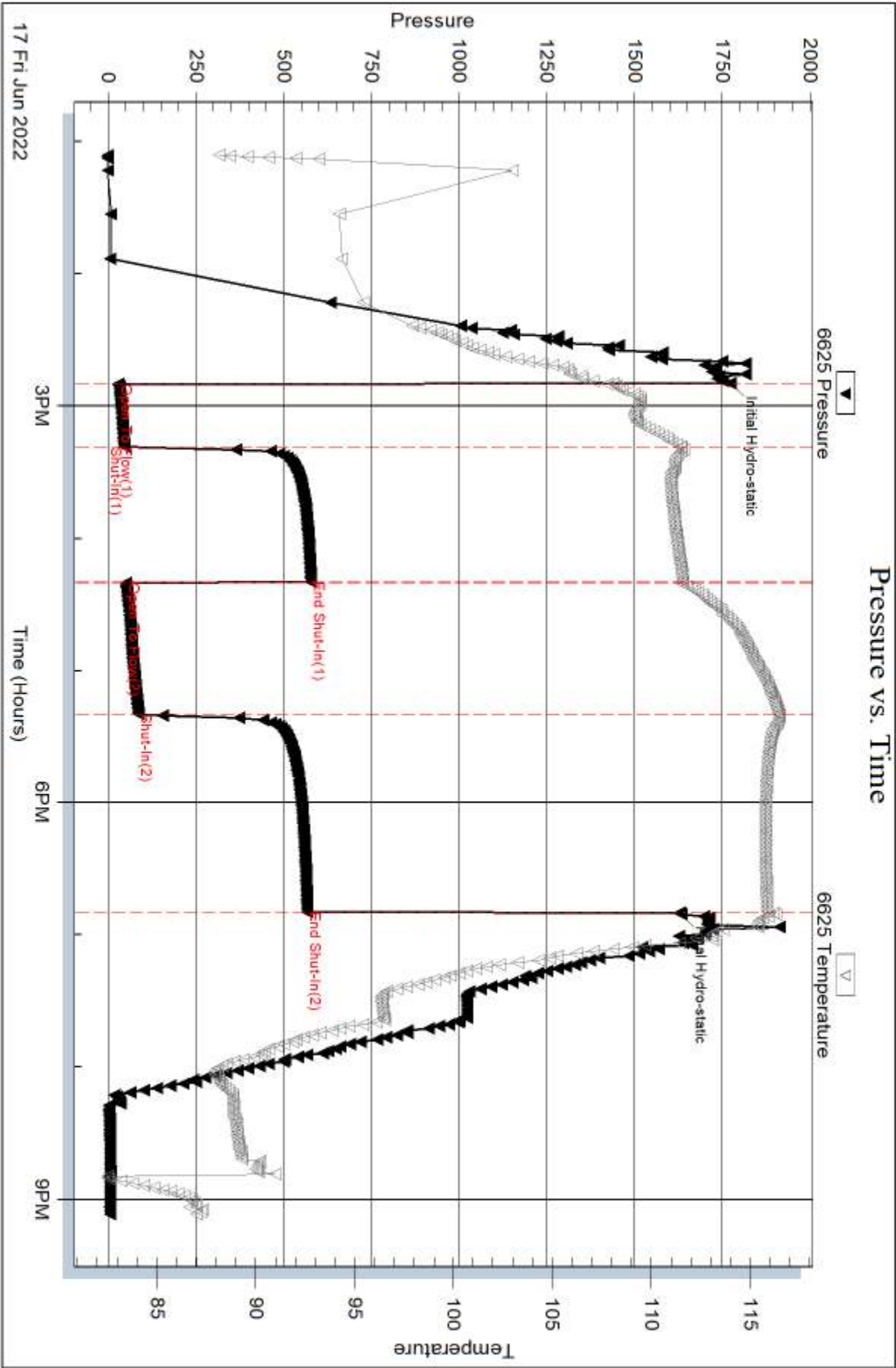
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 2

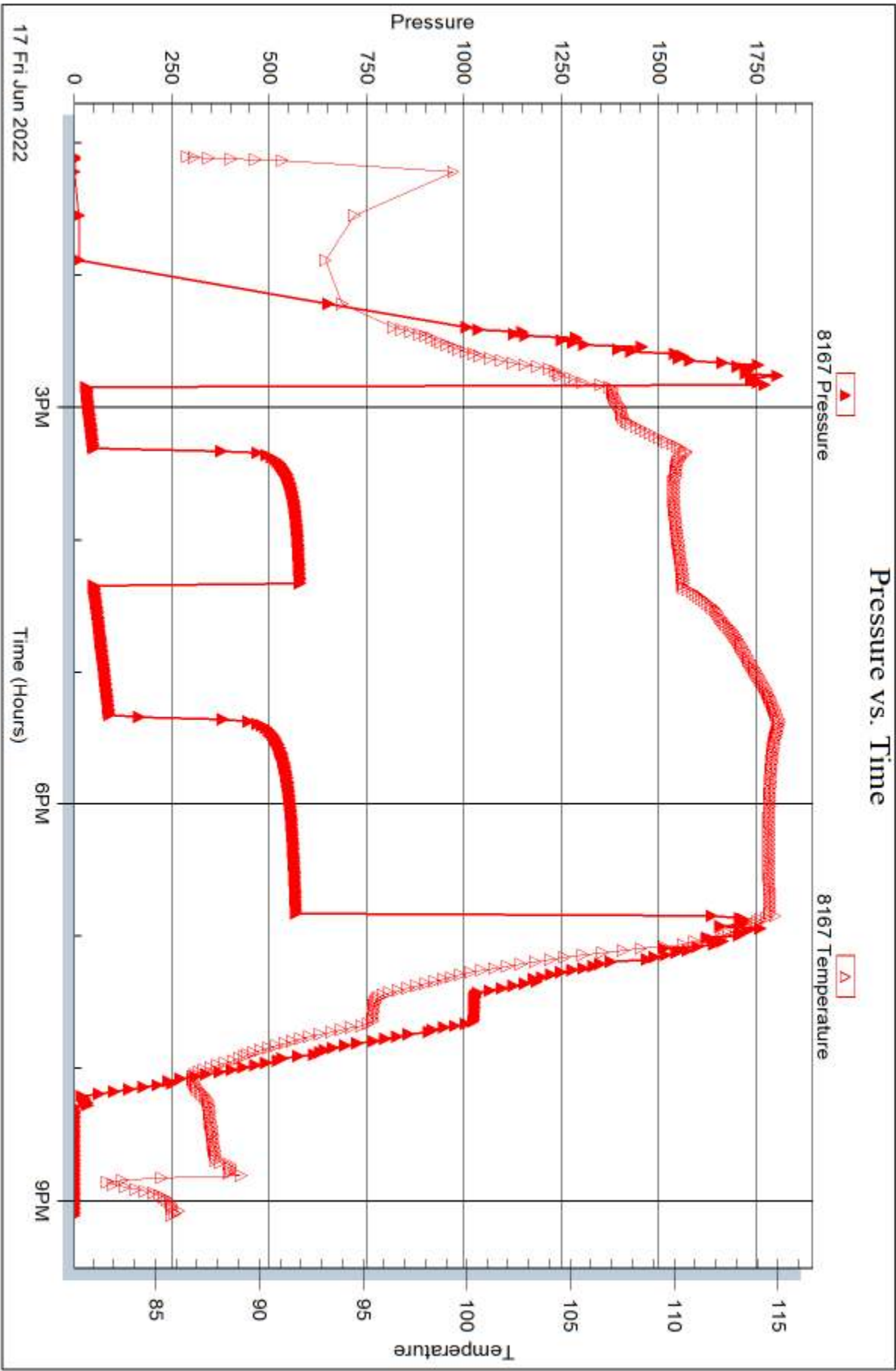


Serial #: 8167

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.18 @ 09:40:00

End Date: 2022.06.18 @ 15:42:30

Job Ticket #: 65848 DST #: 3

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:27:54



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65848

DST#: 3

Test Start: 2022.06.18 @ 09:40:00

GENERAL INFORMATION:

Formation: **LKC I&J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:06:30

Time Test Ended: 15:42:30

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3761.00 ft (KB) To 3804.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3804.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 41.21 psig @ 3762.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.18

End Date:

2022.06.18

Last Calib.: 2022.06.18

Start Time: 09:40:05

End Time:

15:42:29

Time On Btm: 2022.06.18 @ 11:06:15

Time Off Btm: 2022.06.18 @ 14:08:30

TEST COMMENT: IF-30- Built to 1 1/4"
SI1-60- No return
FF-30- Weak surface blow
SI2-60- No return

PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1838.23	103.72	Initial Hydro-static
1	23.18	102.94	Open To Flow (1)
31	33.91	105.09	Shut-In(1)
91	1714.78	107.48	End Shut-In(1)
92	38.11	106.39	Open To Flow (2)
120	41.21	108.16	Shut-In(2)
182	1687.61	110.16	End Shut-In(2)
183	1812.93	110.33	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	mud 100%	0.07

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



Test Start: 2022.06.18 @ 09:40:00

KB to GR/CF: 8.00 ft



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego,KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65848

DST#: 3

ATTN: Marc Downing

Test Start: 2022.06.18 @ 09:40:00

Tool Information

Drill Pipe:	Length:	3729.00 ft	Diameter:	3.80 inches	Volume:	52.31 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	64000.00 lb
					Total Volume:	52.46 bbl	Tool Chased	ft
Drill Pipe Above KB:		25.00 ft					String Weight: Initial	51000.00 lb
Depth to Top Packer:		3761.00 ft					Final	51000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		43.00 ft						
Tool Length:		69.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3736.00	
shut In Tool	5.00		3741.00	
hydraulic tool	5.00		3746.00	
EM Tool	3.00		3749.00	
Safety Joint	3.00		3752.00	
Packer	5.00		3757.00	26.00 Bottom Of Top Packer
Packer	4.00		3761.00	
Stubb	1.00		3762.00	
Recorder	0.00	6625 Inside	3762.00	
Recorder	0.00	8652 Outside	3762.00	
perforations	4.00		3766.00	
change Over Sub	1.00		3767.00	
drill Pipe	32.00		3799.00	
change Over Sub	1.00		3800.00	
Bullnose	4.00		3804.00	43.00 Bottom Packers & Anchor

Total Tool Length: 69.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65848

DST#: 3

ATTN: Marc Downing

Test Start: 2022.06.18 @ 09:40:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	mud 100%	0.074

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

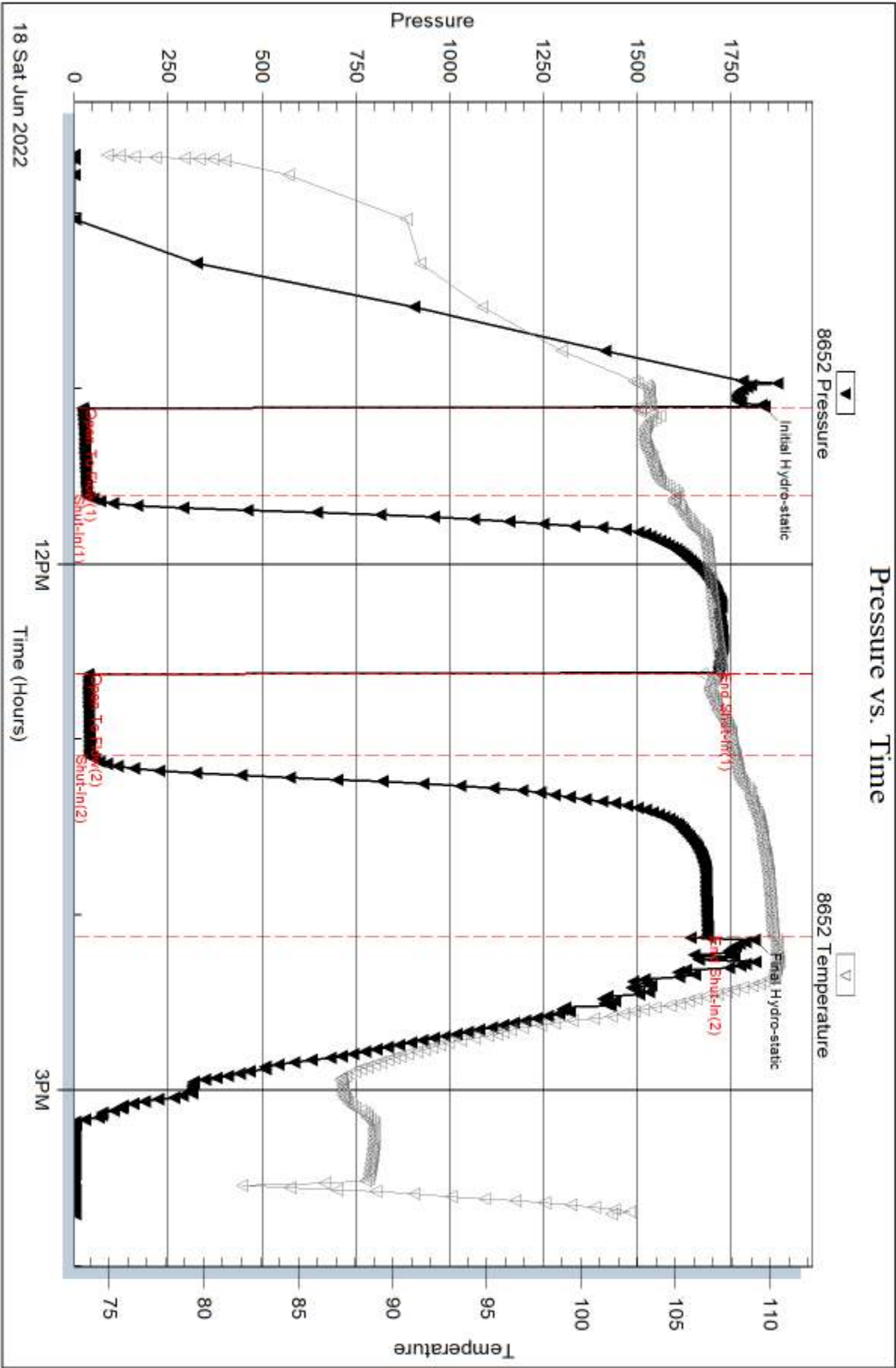
Recovery Comments: 1# LCM

Serial #: 8652

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 3



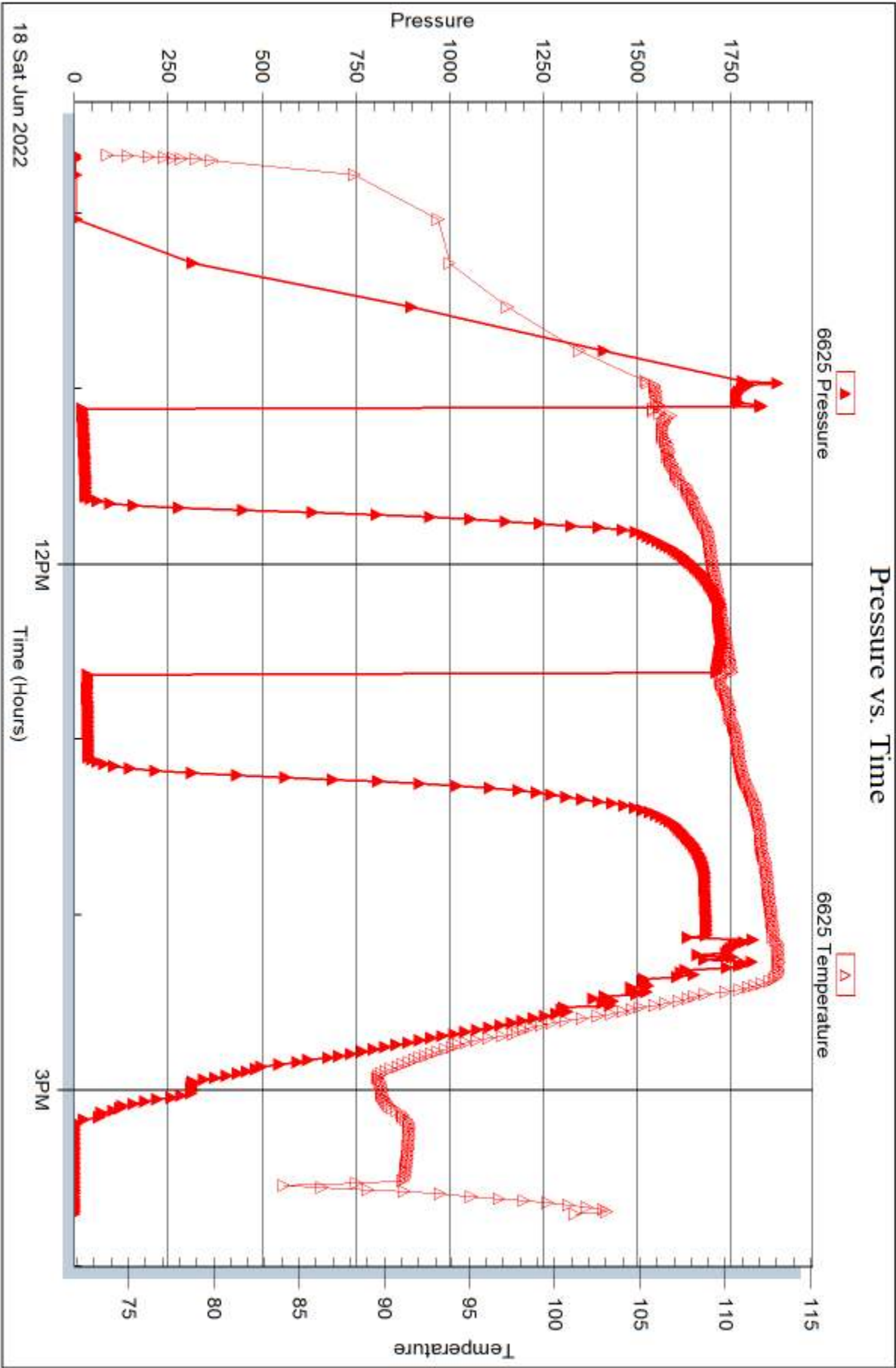
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.19 @ 01:08:00

End Date: 2022.06.19 @ 08:20:15

Job Ticket #: 65849 DST #: 4

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:13:51



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65849

DST#: 4

Test Start: 2022.06.19 @ 01:08:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:27:30

Time Test Ended: 08:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3800.00 ft (KB) To 3852.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 38.07 psig @ 3801.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.19

End Date:

2022.06.19

Last Calib.: 2022.06.19

Start Time: 01:08:05

End Time:

08:20:14

Time On Btm: 2022.06.19 @ 03:27:00

Time Off Btm: 2022.06.19 @ 06:31:00

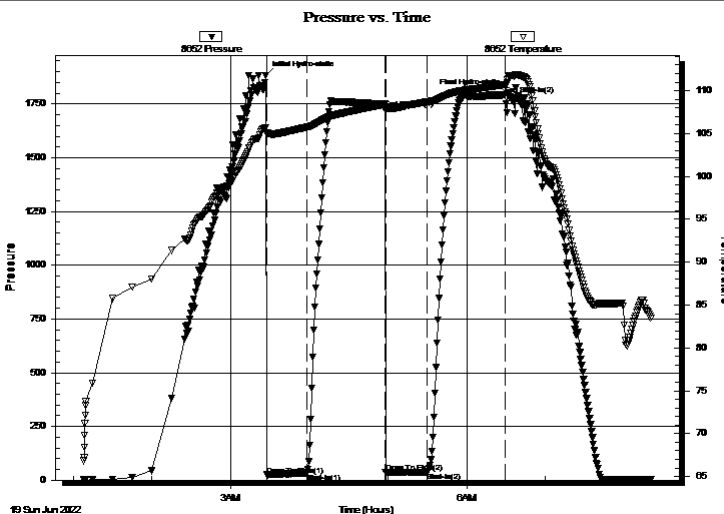
TEST COMMENT: IF-30- Built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1882.83	105.67	Initial Hydro-static
1	24.44	104.93	Open To Flow (1)
31	33.22	105.75	Shut-In(1)
91	1728.63	108.41	End Shut-In(1)
91	36.87	107.67	Open To Flow (2)
123	38.07	108.69	Shut-In(2)
182	1792.36	110.71	End Shut-In(2)
184	1796.92	111.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	MCW 60% WATER 40% MUD	0.35

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65849

DST#: 4

Test Start: 2022.06.19 @ 01:08:00

GENERAL INFORMATION:

Formation: **LKC K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:27:30

Time Test Ended: 08:20:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3800.00 ft (KB) To 3852.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3852.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3801.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.19

End Date:

2022.06.19

Last Calib.:

2022.06.19

Start Time: 01:08:05

End Time:

08:20:29

Time On Btm:

Time Off Btm:

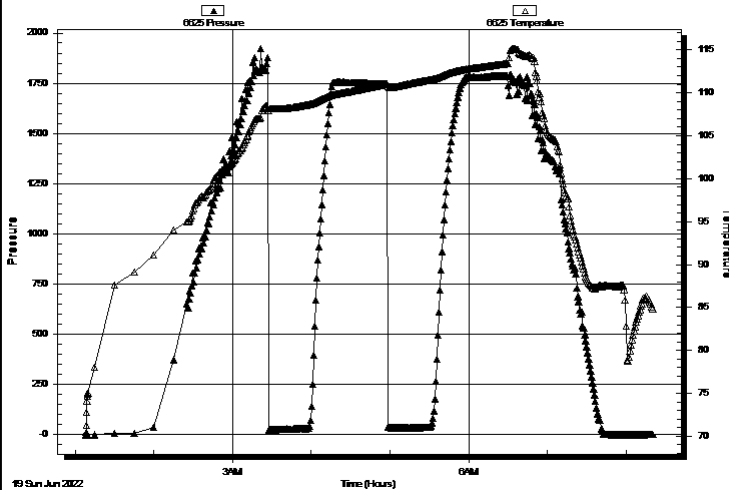
TEST COMMENT: IF-30- Built to 1 1/2"

SI1-60- No return

FF-30- No blow

SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
45.00	MCW 60% WATER 40% MUD	0.35

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65849

DST#: 4

ATTN: Marc Downing

Test Start: 2022.06.19 @ 01:08:00

Tool Information

Drill Pipe:	Length:	3761.00 ft	Diameter:	3.80 inches	Volume:	52.76 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	54000.00 lb
					Total Volume:	52.91 bbl	Tool Chased	ft
Drill Pipe Above KB:		18.00 ft					String Weight: Initial	51000.00 lb
Depth to Top Packer:		3800.00 ft					Final	51000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		52.00 ft						
Tool Length:		78.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00		3775.00	
shut In Tool	5.00		3780.00	
hydraulic tool	5.00		3785.00	
EM Tool	3.00		3788.00	
Safety Joint	3.00		3791.00	
Packer	5.00		3796.00	26.00 Bottom Of Top Packer
Packer	4.00		3800.00	
Stubb	1.00		3801.00	
Recorder	0.00	6625 Inside	3801.00	
Recorder	0.00	8652 Outside	3801.00	
perforations	13.00		3814.00	
change Over Sub	1.00		3815.00	
drill Pipe	32.00		3847.00	
change Over Sub	1.00		3848.00	
Bullnose	4.00		3852.00	52.00 Bottom Packers & Anchor

Total Tool Length: 78.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65849

DST#: 4

ATTN: Marc Downing

Test Start: 2022.06.19 @ 01:08:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity: 30000 ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	MCW 60% WATER 40% MUD	0.349

Total Length: 45.00 ft

Total Volume: 0.349 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments: 1# LCM

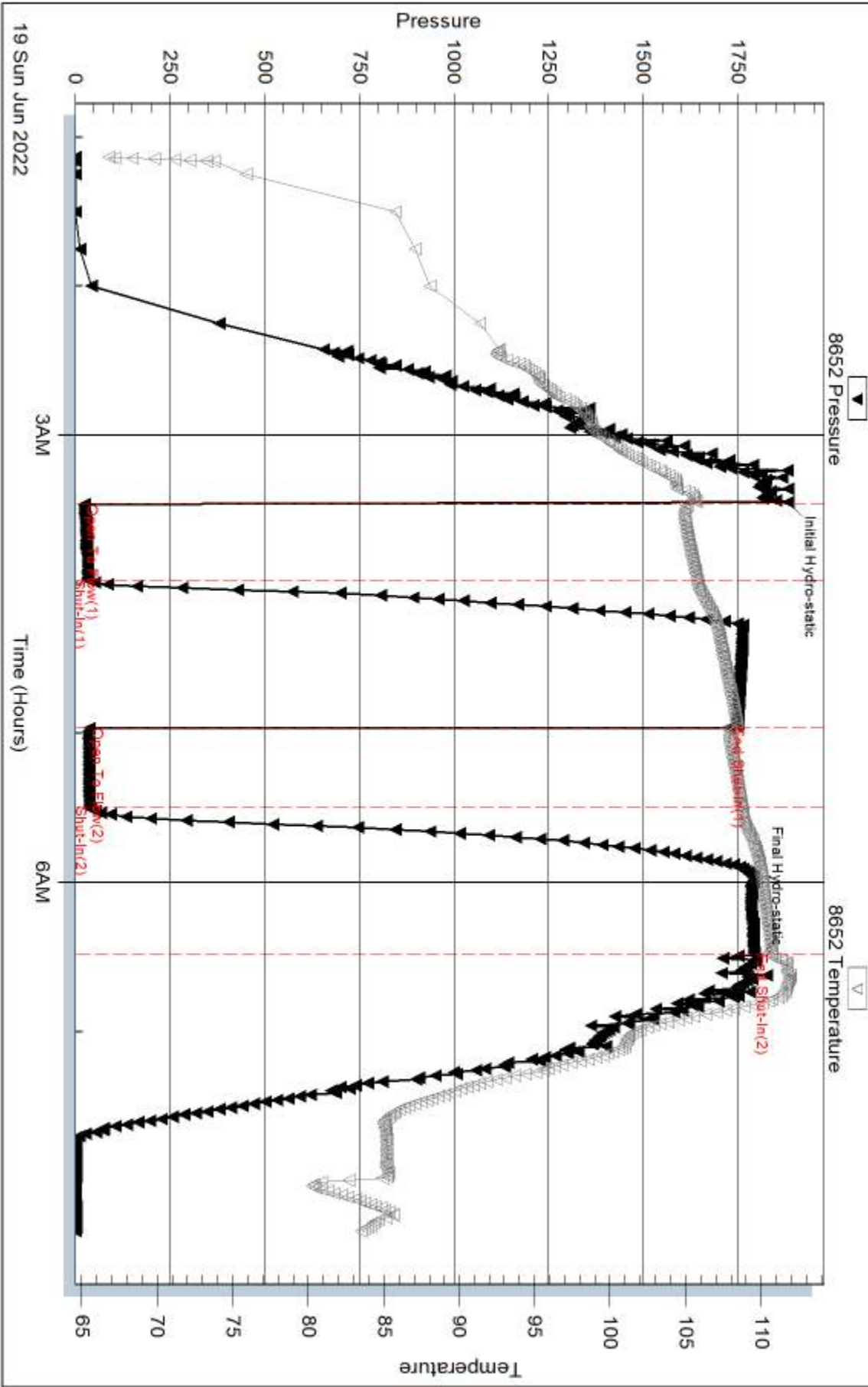
Serial #: 8652

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 4

Pressure vs. Time



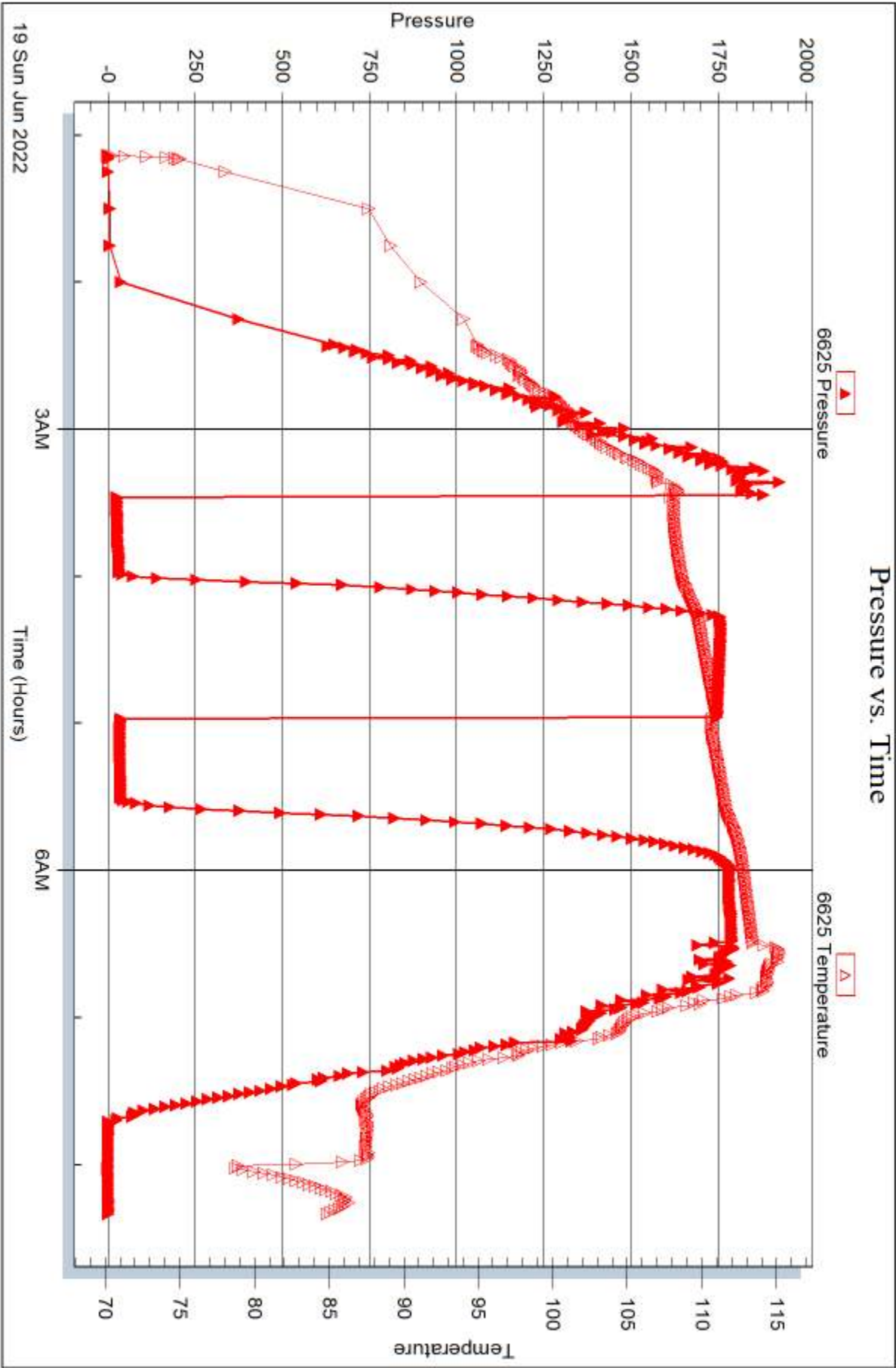
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 4





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.19 @ 17:46:00

End Date: 2022.06.20 @ 01:07:15

Job Ticket #: 65850 DST #: 5

Trilobite Testing, Inc

PO Box 362 Hays, KS 67601

ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:09:36



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65850

DST#: 5

Test Start: 2022.06.19 @ 17:46:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:15

Time Test Ended: 01:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3914.00 ft (KB) To 3932.00 ft (KB) (TVD)

Total Depth: 3932.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 32.23 psig @ 3915.00 ft (KB)

Start Date: 2022.06.19

End Date:

2022.06.20

Start Time: 17:46:05

End Time:

01:07:14

Capacity: 8000.00 psig

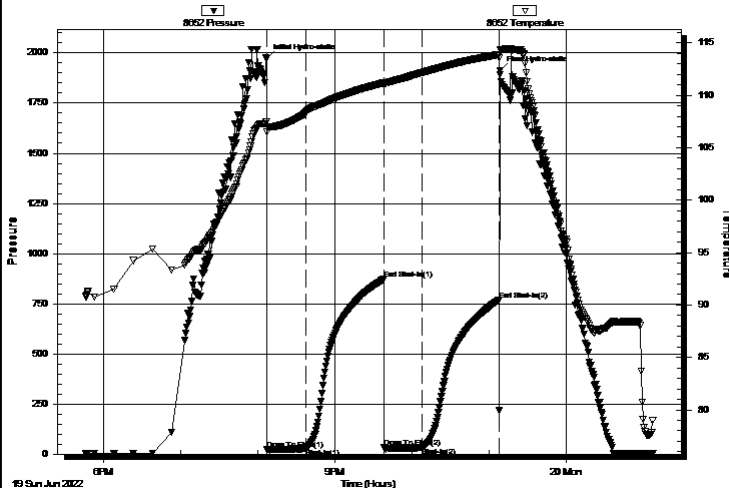
Last Calib.: 2022.06.20

Time On Btm: 2022.06.19 @ 20:07:00

Time Off Btm: 2022.06.19 @ 23:08:15

TEST COMMENT: IF-30- Built to 1"
SI1-60- No return
FF-30- Weak surface blow
SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1971.21	107.46	Initial Hydro-static
1	24.53	106.53	Open To Flow (1)
30	28.40	108.30	Shut-In (1)
91	871.65	111.19	End Shut-In (1)
92	31.85	110.99	Open To Flow (2)
121	32.23	112.16	Shut-In (2)
181	767.55	113.88	End Shut-In (2)
182	1913.64	114.38	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
13.00	OCM95% mud 5 % oil	0.06
2.00	oil 100%	0.01

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 65850

DST#: 5

Test Start: 2022.06.19 @ 17:46:00

GENERAL INFORMATION:

Formation: **Marmaton**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 20:07:15

Time Test Ended: 01:07:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3914.00 ft (KB) To 3932.00 ft (KB) (TVD)

Reference Elevations: 2319.00 ft (KB)

Total Depth: 3932.00 ft (KB) (TVD)

2311.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3915.00 ft (KB)

Capacity: 8000.00 psig

Start Date: 2022.06.19

End Date:

2022.06.20

Last Calib.:

2022.06.20

Start Time: 17:46:05

End Time:

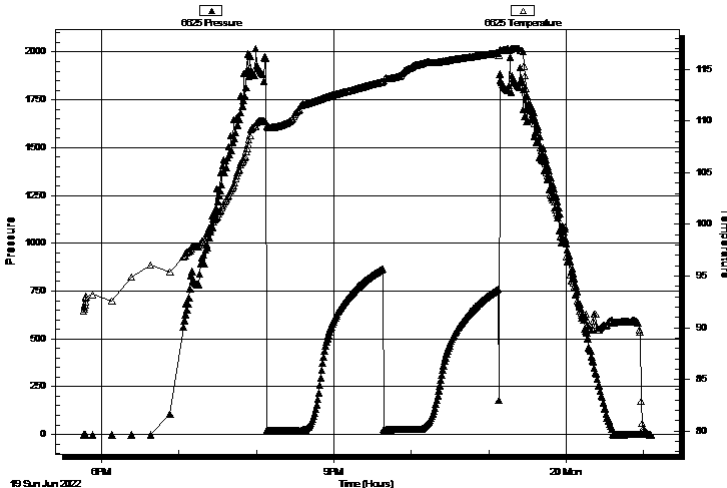
01:05:59

Time On Btm:

Time Off Btm:

TEST COMMENT: IF-30- Built to 1"
SI1-60- No return
FF-30- Weak surface blow
SI2-60- No return

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
13.00	OCM 95% mud 5 % oil	0.06
2.00	oil 100%	0.01

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65850

DST#: 5

ATTN: Marc Downing

Test Start: 2022.06.19 @ 17:46:00

Tool Information

Drill Pipe:	Length:	3888.00 ft	Diameter:	3.80 inches	Volume:	54.54 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	56000.00 lb
					Total Volume:	54.69 bbl	Tool Chased	ft
Drill Pipe Above KB:	31.00 ft							
Depth to Top Packer:	3914.00 ft							
Depth to Bottom Packer:	ft							
Interval between Packers:	18.00 ft							
Tool Length:	44.00 ft							
Number of Packers:	2		Diameter:	6.75 inches				
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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Change Over Sub	1.00			3889.00	
shut In Tool	5.00			3894.00	
hydraulic tool	5.00			3899.00	
EM Tool	3.00			3902.00	
Safety Joint	3.00			3905.00	
Packer	5.00			3910.00	26.00 Bottom Of Top Packer
Packer	4.00			3914.00	
Stubb	1.00			3915.00	
Recorder	0.00	6625	Inside	3915.00	
Recorder	0.00	8652	Outside	3915.00	
perforations	13.00			3928.00	
Bullnose	4.00			3932.00	18.00 Bottom Packers & Anchor

Total Tool Length: 44.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 65850

DST#: 5

ATTN: Marc Downing

Test Start: 2022.06.19 @ 17:46:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 47.00 sec/qt

Water Loss: 5.78 in³

Resistivity: ohm.m

Salinity: 3400.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

ft

bbl

psig

Oil API:

Water Salinity:

deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
13.00	OCM 95% mud 5 % oil	0.064
2.00	oil 100%	0.010

Total Length: 15.00 ft

Total Volume: 0.074 bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

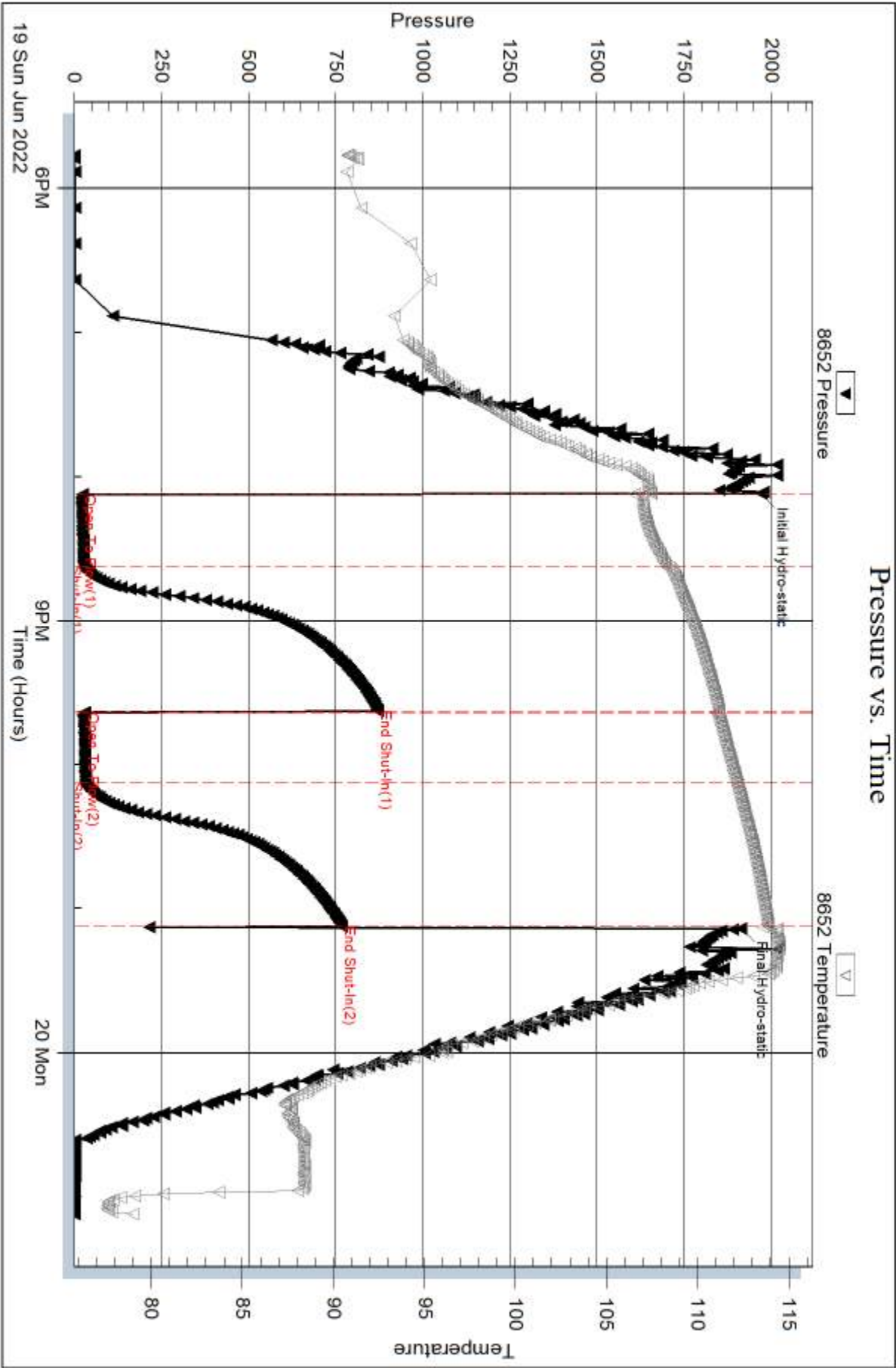
Recovery Comments: 1# LCM

Serial #: 8652

Outside Gore Oil Company

Arleta #2-27

DST Test Number: 5



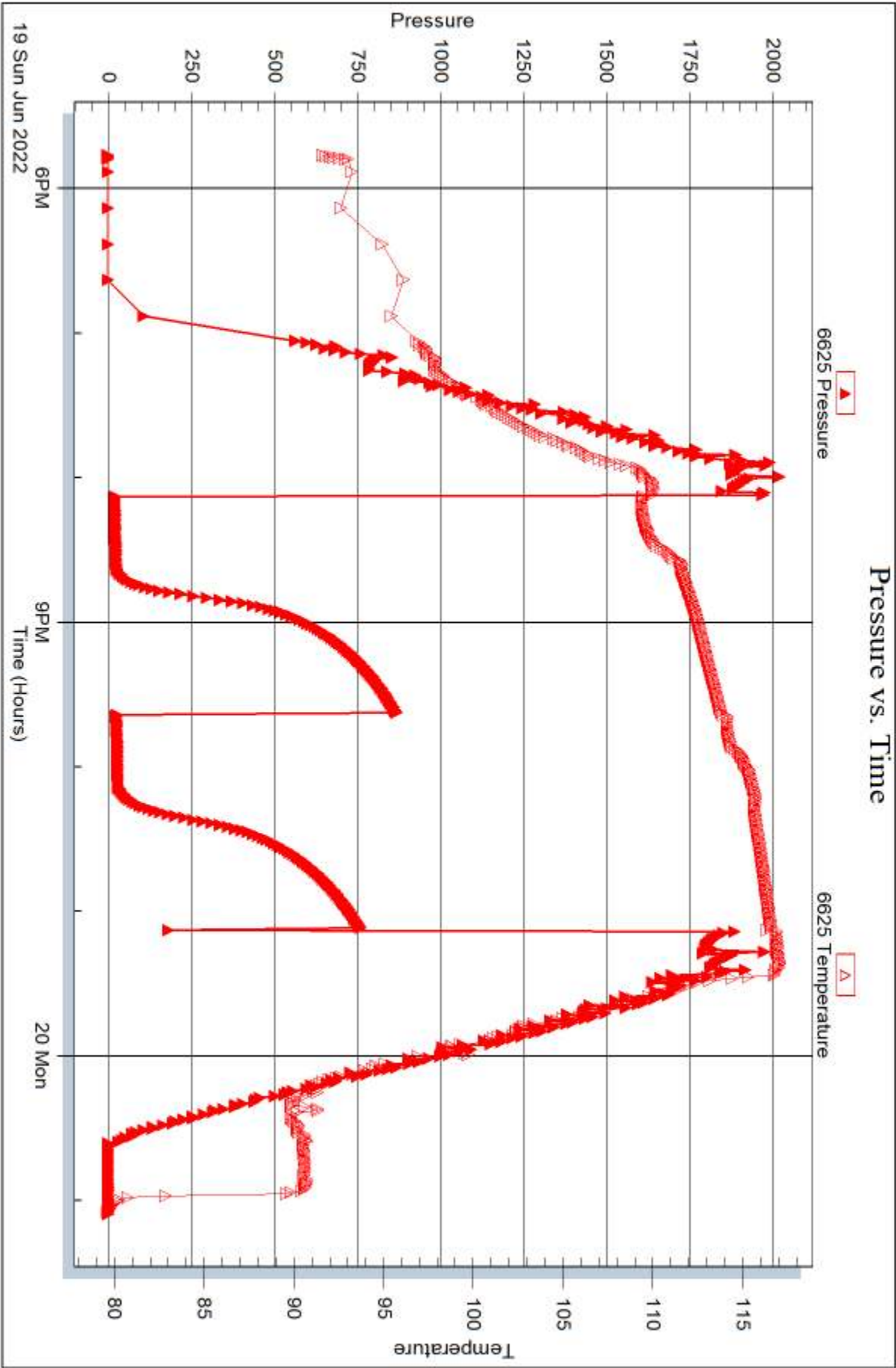
Serial #: 6625

Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 5





DRILL STEM TEST REPORT

Prepared For: **Gore Oil Company**

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

Arleta #2-27

27-11s-21w Trego,KS

Start Date: 2022.06.20 @ 11:22:00

End Date: 2022.06.20 @ 18:35:15

Job Ticket #: 69101 DST #: 6

Trilobite Testing, Inc
PO Box 362 Hays, KS 67601
ph: 785-625-4778 fax: 785-625-5620

Printed: 2022.06.24 @ 16:08:35



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 69101

DST#: 6

Test Start: 2022.06.20 @ 11:22:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:23:15

Time Test Ended: 18:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3927.00 ft (KB) To 3975.00 ft (KB) (TVD)

Total Depth: 3975.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 8652 Outside

Press@RunDepth: 35.47 psig @ 3928.00 ft (KB)

Start Date: 2022.06.20

End Date:

2022.06.20

Start Time: 11:22:05

End Time:

18:35:14

Capacity: 8000.00 psig

Last Calib.: 2022.06.20

Time On Btm: 2022.06.20 @ 13:23:00

Time Off Btm: 2022.06.20 @ 16:25:30

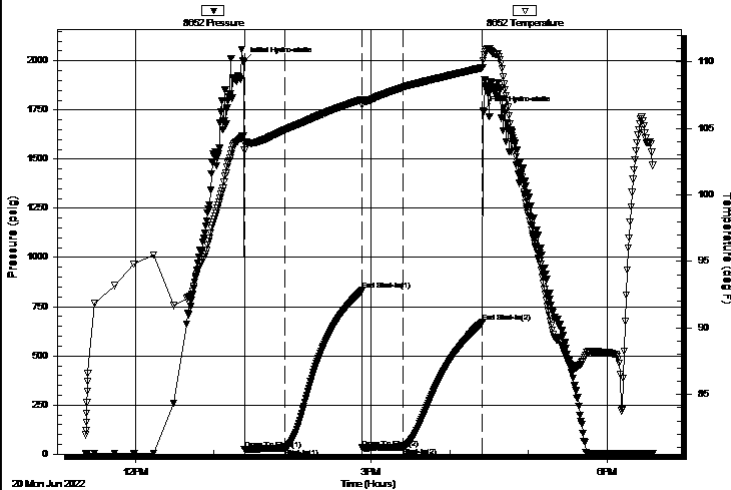
TEST COMMENT: IF-30- Built to 1/4"

SI1-60- No return

FF-30- No blow

SI2-60- No blow

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1993.50	104.45	Initial Hydro-static
1	23.87	103.36	Open To Flow (1)
31	29.81	104.87	Shut-In(1)
90	832.84	107.18	End Shut-In(1)
91	32.01	106.78	Open To Flow (2)
121	35.47	108.09	Shut-In(2)
182	670.86	109.57	End Shut-In(2)
183	1746.90	110.10	Final Hydro-static

Recovery

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

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

Gore Oil Company

202 S St Francis Ave
Wichita, KS 67202

ATTN: Marc Downing

27-11s-21w Trego, KS

Arleta #2-27

Job Ticket: 69101

DST#: 6

Test Start: 2022.06.20 @ 11:22:00

GENERAL INFORMATION:

Formation: **Conglomerate**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 13:23:15

Time Test Ended: 18:35:15

Test Type: Conventional Bottom Hole (Reset)

Tester: Dustin Day

Unit No: 70

Interval: 3927.00 ft (KB) To 3975.00 ft (KB) (TVD)

Total Depth: 3975.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Good

Reference Elevations: 2319.00 ft (KB)

2311.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 6625 Inside

Press@RunDepth: psig @ 3928.00 ft (KB)

Start Date: 2022.06.20

End Date:

2022.06.20

Start Time: 11:22:05

End Time:

18:35:14

Capacity: 8000.00 psig

Last Calib.:

2022.06.20

Time On Btm:

Time Off Btm:

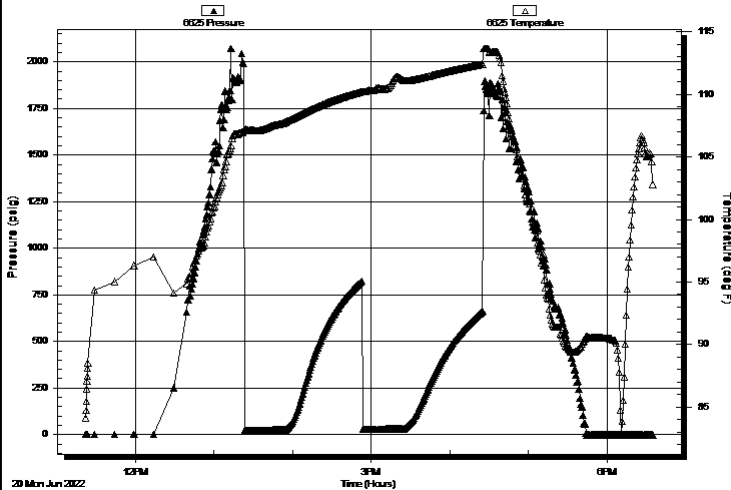
TEST COMMENT: IF-30- Built to 1/4"

SI1-60- No return

FF-30- No blow

SI2-60- No blow

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

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

Gas Rates

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

* Recovery from multiple tests



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

TOOL DIAGRAM

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 69101

DST#: 6

ATTN: Marc Downing

Test Start: 2022.06.20 @ 11:22:00

Tool Information

Drill Pipe:	Length:	3887.00 ft	Diameter:	3.80 inches	Volume:	54.52 bbl	Tool Weight:	24000.00 lb
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	2.75 inches	Volume:	0.00 bbl	Weight set on Packer:	26000.00 lb
Drill Collar:	Length:	31.00 ft	Diameter:	2.25 inches	Volume:	0.15 bbl	Weight to Pull Loose:	62000.00 lb
					Total Volume:	54.67 bbl	Tool Chased	ft
Drill Pipe Above KB:		17.00 ft					String Weight: Initial	51000.00 lb
Depth to Top Packer:		3927.00 ft					Final	51000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		48.00 ft						
Tool Length:		74.00 ft						
Number of Packers:		2	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
-------------	------------	----------	------------	----------------

Change Over Sub	1.00		3902.00	
shut In Tool	5.00		3907.00	
hydraulic tool	5.00		3912.00	
EM Tool	3.00		3915.00	
Safety Joint	3.00		3918.00	
Packer	5.00		3923.00	26.00 Bottom Of Top Packer
Packer	4.00		3927.00	
Stubb	1.00		3928.00	
Recorder	0.00	6625 Inside	3928.00	
Recorder	0.00	8652 Outside	3928.00	
perforations	9.00		3937.00	
change Over Sub	1.00		3938.00	
drill Pipe	32.00		3970.00	
change Over Sub	1.00		3971.00	
Bullnose	4.00		3975.00	48.00 Bottom Packers & Anchor

Total Tool Length: 74.00



TRILOBITE
TESTING, INC.

DRILL STEM TEST REPORT

FLUID SUMMARY

Gore Oil Company

27-11s-21w Trego, KS

202 S St Francis Ave
Wichita, KS 67202

Arleta #2-27

Job Ticket: 69101

DST#: 6

ATTN: Marc Downing

Test Start: 2022.06.20 @ 11:22:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 49.00 sec/qt

Water Loss: 5.77 in³

Resistivity: ohm.m

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length:

Cushion Volume:

Gas Cushion Type:

Gas Cushion Pressure:

Oil API:

Water Salinity:

deg API

ppm

ft

bbl

psig

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
5.00	mud 100%	0.025

Total Length: 5.00 ft Total Volume: 0.025 bbl

Num Fluid Samples: 0

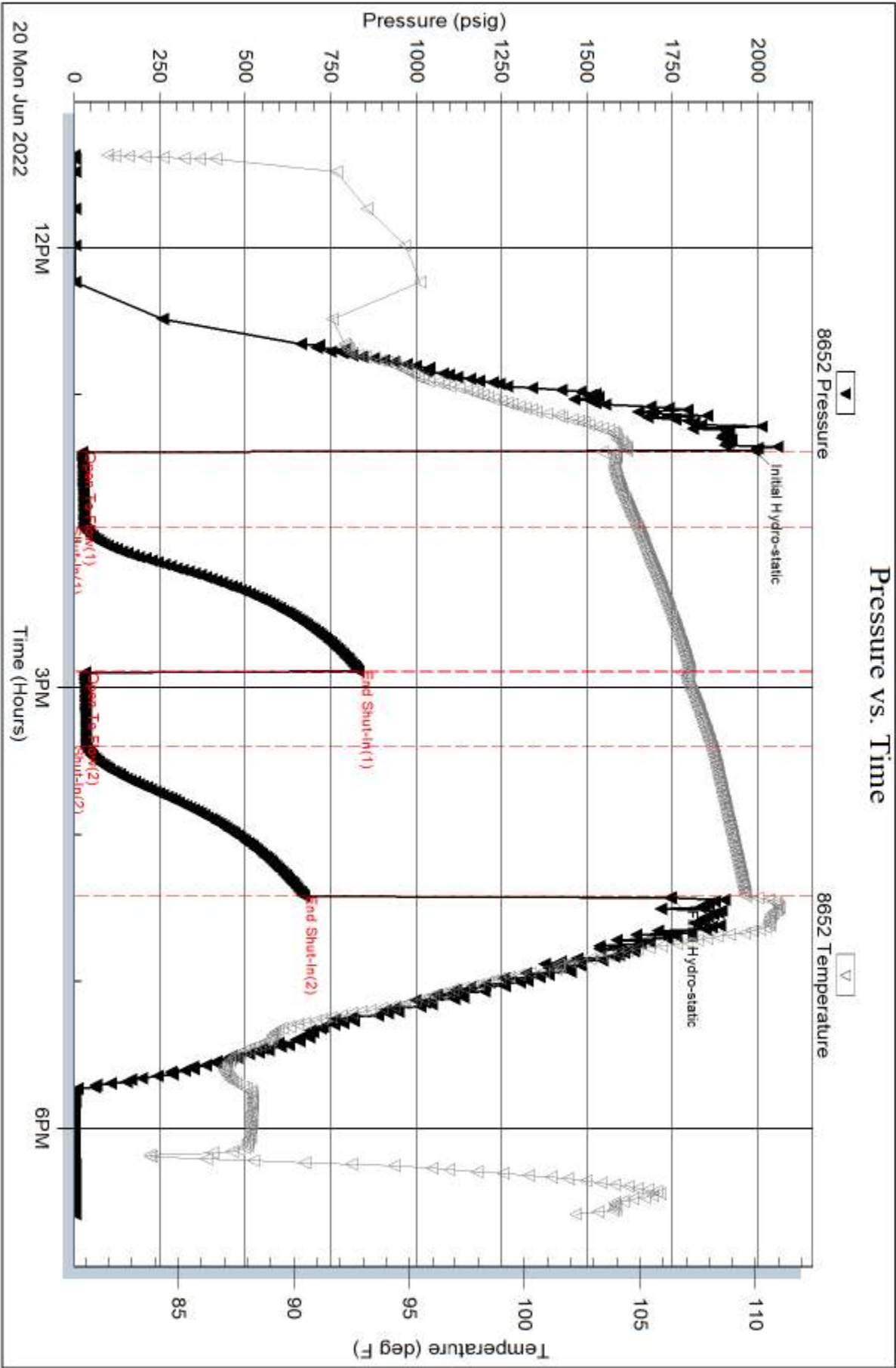
Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



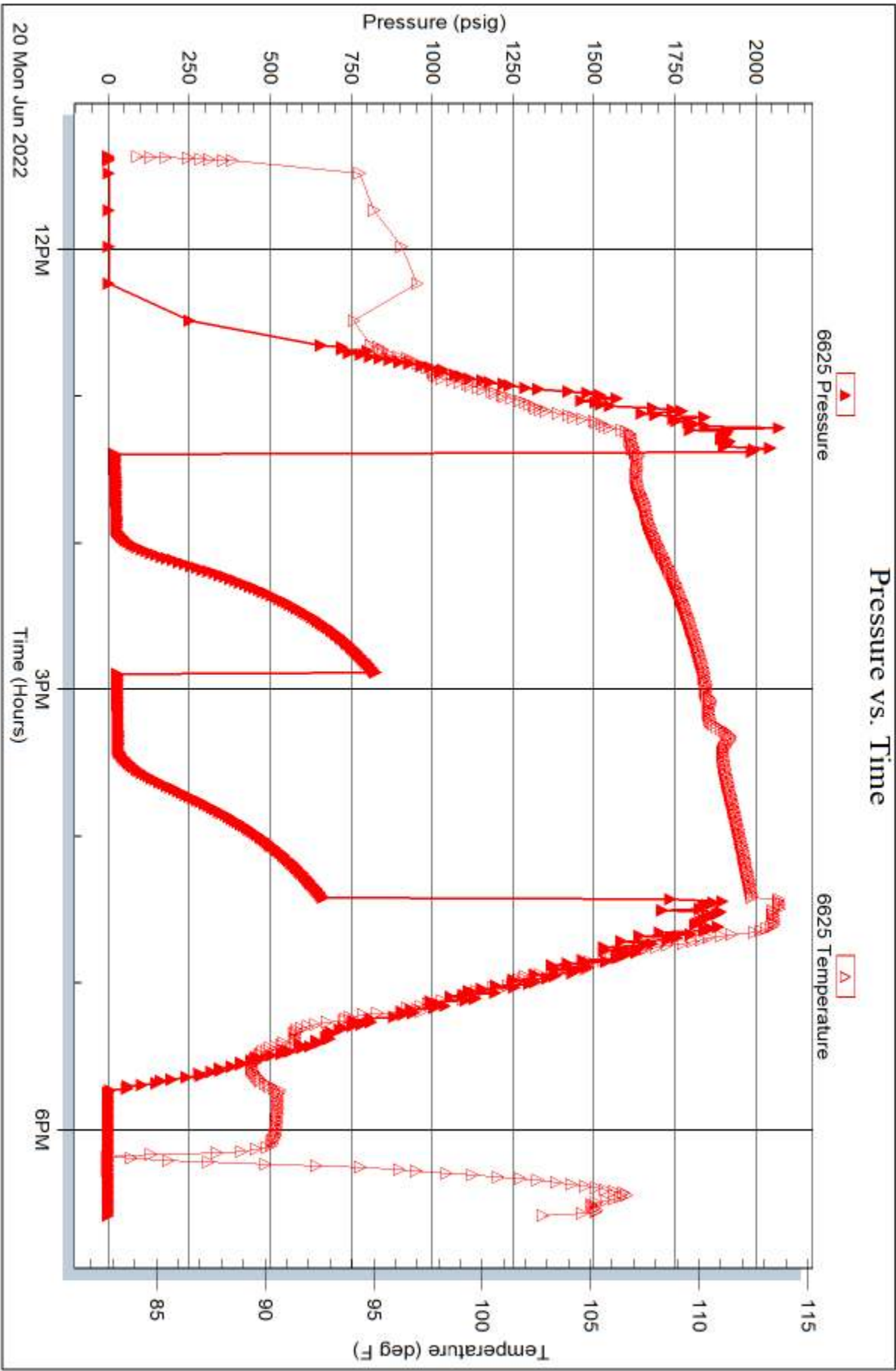
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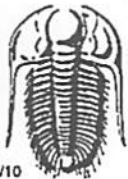
Inside

Gore Oil Company

Arleta #2-27

DST Test Number: 6





TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65846

NO.

Well Name & No. Arletta # 2-77 Test No. 1 Date 6/16/22
 Company Gore Oil company Elevation 2319 KB 2311 GL
 Address 202 S St Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Dawning Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3579-3645 Zone Tested Toronto-LKC B
 Anchor Length 66 Drill Pipe Run 3540 Mud Wt. 8.6
 Top Packer Depth 3574 Drill Collars Run 31 Vls 49
 Bottom Packer Depth 3579 Wt. Pipe Run Ø WL 5.8
 Total Depth 3645 Chlorides 2500 ppm System LCM 2#

Blow Description 1F-Built to 1 1/2"
S14-No return
FF No blow
S12-No return

Rec <u>75</u>	Feet of <u>Mud</u>	%gas	%oil	%water	<u>100%</u> mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 75' BHT 112 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm
 (A) Initial Hydrostatic 11698 ☒ Test 1800 T-On Location 19:00
 (B) First Initial Flow 37 ☐ Jars T-Started 20:47
 (C) First Final Flow 45 ☒ Safety Joint T-Open 23:18
 (D) Initial Shut-In 982 ☒ Circ Sub N/A T-Pulled 02:18
 (E) Second Initial Flow 46 ☐ Hourly Standby T-Out 04:32
 (F) Second Final Flow 50 ☒ Mileage 58 87 Comments Slid 8', bled off
 (G) Final Shut-In 958 ☐ Sampler 2 1/2" blow
 (H) Final Hydrostatic 11657 ☐ Straddle ☒ EM Tool _____

Initial Open 30 ☐ Shale Packer _____ ☐ Ruined Shale Packer _____
 Initial Shut-In 60 ☐ Extra Packer _____ ☐ Ruined Packer _____
 Final Flow 30 ☐ Extra Recorder _____ ☐ Extra Copies _____
 Final Shut-In 60 ☐ Day Standby _____ Sub Total 0
 Sub Total 1887 Total 1887 MP/DST Disc't _____

Approved By _____ Our Representative [Signature]
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65847

NO.

Well Name & No. Arleta #2-27 Test No. 2 Date 6/17/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St. Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3682-3708 Zone Tested LKC E+F
 Anchor Length 26 Drill Pipe Run 3635 Mud Wt. 9.0
 Top Packer Depth 3677 Drill Collars Run 31 Vis 50
 Bottom Packer Depth 3682 Wt. Pipe Run 9 WL 5.8
 Total Depth 3708 Chlorides 3400 ppm System LCM 1#

Blow Description IF Built to 5 1/4"
S12- No return
FF Built to 7 1/2"
S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>31</u>	<u>Mud</u>				<u>100</u>
<u>128</u>	<u>MCW</u>			<u>90</u>	<u>10</u>

Rec Total 159 BHT 116 Gravity _____ API RW .08 @ 90 °F Chlorides 75000 ppm

(A) Initial Hydrostatic <u>1773</u>	☒ Test <u>1800</u>	T-On Location <u>12:45</u>
(B) First Initial Flow <u>29</u>	☐ Jars _____	T-Started <u>13:06</u>
(C) First Final Flow <u>45</u>	☒ Safety Joint _____	T-Open <u>14:50</u>
(D) Initial Shut-In <u>576</u>	☒ Circ Sub <u>N/A</u>	T-Pulled <u>18:50</u>
(E) Second Initial Flow <u>51</u>	☐ Hourly Standby _____	T-Out <u>21:15</u>
(F) Second Final Flow <u>86</u>	☒ Mileage <u>58</u> 87	Comments _____
(G) Final Shut-In <u>567</u>	☐ Sampler _____	
(H) Final Hydrostatic <u>1629</u>	☐ Straddle _____	☒ EM Tool _____

Initial Open <u>30</u>	☐ Shale Packer _____	☐ Ruined Shale Packer _____
Initial Shut-In <u>60</u>	☐ Extra Packer _____	☐ Ruined Packer _____
Final Flow <u>60</u>	☐ Extra Recorder _____	☐ Extra Copies _____
Final Shut-In <u>90</u>	☐ Day Standby _____	Sub Total <u>0</u>
	☐ Accessibility _____	Total <u>1887</u>
	Sub Total <u>1887</u>	MP/DST Disc't _____

Approved By _____ Our Representative Dust Dy
 Trilobite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRILOBITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65848

NO.

Well Name & No. Acleta #2-27 Test No. 3 Date 6/18/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St. Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3761-3804 Zone Tested LKC T+U
 Anchor Length 43 Drill Pipe Run 3729 Mud Wt. 91
 Top Packer Depth 3756 Drill Collars Run 31 Vis 56
 Bottom Packer Depth 3800 3761 Wt. Pipe Run 9 WL 5.8
 Total Depth 3804 Chlorides 3500 ppm System LCM 1#

Blow Description IF- Built to 1 1/4"

S12- No return

FF- Weak surface blow

S12- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>15</u>	<u>Mud oil spots in tool</u>			<u>100</u>	
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 15 BHT 110 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1838
 (B) First Initial Flow 23
 (C) First Final Flow 34
 (D) Initial Shut-In 1715
 (E) Second Initial Flow 38
 (F) Second Final Flow 41
 (G) Final Shut-In 1688
 (H) Final Hydrostatic 1813

☒ Test 1800
☐ Jars _____
☒ Safety Joint _____
☒ Circ Sub N/A
☐ Hourly Standby _____
☒ Mileage 58 87
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1887

T-On Location 09:15
 T-Started 09:40
 T-Open 11:06
 T-Pulled 14:06
 T-Out 15:43
 Comments _____
☒ EM Tool _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1887
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 60
 Final Flow 30
 Final Shut-In 60

Approved By _____

Our Representative DJH

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**TRILOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65849

NO.

Well Name & No. Arleta #2-27 Test No. 4 Date 6/19/22
Company Gore Oil Company Elevation 2319 KB 2311 GL
Address 202 S St Francis Ave Wichita, KS 67202
Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3800-3852 Zone Tested LKC K
Anchor Length 52 Drill Pipe Run 3761 Mud Wt. 9.1
Top Packer Depth 3795 Drill Collars Run 31 Vls 56
Bottom Packer Depth 3800 Wt. Pipe Run Ø WL 5.8
Total Depth 3852 Chlorides 3500 ppm System LCM #

Blow Description IF-Built to 1 1/2"

SI2- No return

FF- NO blow

SI2- No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>45</u>	<u>MCW</u>			<u>60</u>	<u>40</u>
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud
Rec	Feet of	%gas	%oil	%water	%mud

Rec Total 45 BHT 111 Gravity _____ API RW 20 @ 81 °F Chlorides 30000 ppm

(A) Initial Hydrostatic 1883

(B) First Initial Flow 24

(C) First Final Flow 33

(D) Initial Shut-In 1729

(E) Second Initial Flow 37

(F) Second Final Flow 38

(G) Final Shut-In 1792

(H) Final Hydrostatic 1797

Initial Open 30

Initial Shut-In 66

Final Flow 30

Final Shut-In 60

☒ Test 1800

☐ Jars

☒ Safety Joint

☒ Circ Sub NA

☐ Hourly Standby

☒ Mileage 58 87

☐ Sampler

☐ Straddle

☐ Shale Packer

☐ Extra Packer

☐ Extra Recorder

☐ Day Standby

☐ Accessibility

Sub Total 1887

T-On Location 00:00

T-Started 01:08

T-Open 03:28

T-Pulled 06:28

T-Out 08:21

Comments

☒ EM Tool

☐ Ruined Shale Packer

☐ Ruined Packer

☐ Extra Copies

Sub Total 0

Total 1887

MP/DST Disc't

Approved By _____

Our Representative DWADY

TriLOBITE TESTING Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



**TRILOBITE
TESTING INC.**

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket 65850

NO.

Well Name & No. Arleta #2-27 Test No. 5 Date 6/19/22
 Company Gore Oil Company Elevation 2319 KB 2311 GL
 Address 202 S St. Francis Ave Wichita, KS 67202
 Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
 Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3914-3932 Zone Tested Marmaton
 Anchor Length 18 Drill Pipe Run 3888 Mud Wt. 9.1
 Top Packer Depth 3909 Drill Collars Run 31 Vis 47
 Bottom Packer Depth 3914 Wt. Pipe Run 0 WL 5.8
 Total Depth 3932 Chlorides 3400 ppm System LCM 1#

Blow Description IF-Built to 1"

S12-No return

ff-Weak surface blow

S12-No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>13</u>	<u>OCM</u>		<u>5</u>		<u>95</u>
<u>2</u>	<u>oil</u>		<u>100</u>		

Rec Total 15 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1971
 (B) First Initial Flow 25
 (C) First Final Flow 28
 (D) Initial Shut-In 872
 (E) Second Initial Flow 32
 (F) Second Final Flow 32
 (G) Final Shut-In 7168
 (H) Final Hydrostatic 1914

☒ Test 1800
☐ Jars _____
☒ Safety Joint _____
☒ Circ Sub N/A
☐ Hourly Standby _____
☒ Mileage 58 87
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
 Sub Total 1887

T-On Location 17:30
 T-Started 17:46
 T-Open 20:07
 T-Pulled 23:07
 T-Out 01:07
 Comments _____
☒ EM Tool _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
 Sub Total 0
 Total 1887
 MP/DST Disc't _____

Initial Open 30
 Initial Shut-In 600
 Final Flow 30
 Final Shut-In 600

Approved By _____

Our Representative DWJ

TriLOBITE Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.



TRIBOLITE TESTING INC.

1515 Commerce Parkway • Hays, Kansas 67601

Test Ticket

NO. **69101**

Well Name & No. Arleta #2-27 Test No. 10 Date 10/20/22
Company Gore Oil Company Elevation 2319 KB 2311 GL
Address 202 S St Francis Ave Wichita, KS 67202
Co. Rep / Geo. Marc Downing Rig Discovery Rig #4
Location: Sec. 27 Twp 11 Rge. 21 Co. Trego State KS

Interval Tested 3927-3975 Zone Tested Conglomerate
Anchor Length 48 Drill Pipe Run 3887 Mud Wt. 91
Top Packer Depth 3922 Drill Collars Run 31 Vis 49
Bottom Packer Depth 3927 Wt. Pipe Run Ø WL 5.8
Total Depth 3975 Chlorides 3600 ppm System LCM 1#

Blow Description IF - Built to 1/4"

S17 - No return

FF - No blow

S12 - No return

Rec	Feet of	%gas	%oil	%water	%mud
<u>5</u>	<u>Mud</u>			<u>100</u>	

Rec Total 5 BHT 114 Gravity _____ API RW _____ @ _____ °F Chlorides _____ ppm

(A) Initial Hydrostatic 1994
(B) First Initial Flow 24
(C) First Final Flow 30
(D) Initial Shut-In 833
(E) Second Initial Flow 32
(F) Second Final Flow 35
(G) Final Shut-In 671
(H) Final Hydrostatic 1747

☒ Test 1800
☐ Jars _____
☒ Safety Joint _____
☒ Circ Sub 121A
☐ Hourly Standby _____
☒ Mileage 58x2 174
☐ Sampler _____
☐ Straddle _____
☐ Shale Packer _____
☐ Extra Packer _____
☐ Extra Recorder _____
☐ Day Standby _____
☐ Accessibility _____
Sub Total 1974

T-On Location 11:00
T-Started 11:22
T-Open 13:24
T-Pulled 16:24
T-Out 18:36
Comments loaded tools
6/21 @ 3:00
☒ EM Tool _____
☐ Ruined Shale Packer _____
☐ Ruined Packer _____
☐ Extra Copies _____
Sub Total 0
Total 1974
MP/DST Disc't _____

Initial Open 30
Initial Shut-In 60
Final Flow 30
Final Shut-In 60

Approved By _____

Our Representative D. H. H.

Tribolite Testing Inc. shall not be liable for damaged of any kind of the property or personnel of the one for whom a test is made, or for any loss suffered or sustained, directly or indirectly, through the use of its equipment, or its statements or opinion concerning the results of any test, tools lost or damaged in the hole shall be paid for at cost by the party for whom the test is made.

**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: 6/14/2022
Invoice # 2854

P.O.#:

Due Date: 7/14/2022

Division: Russell

JUN 21 2022

Invoice

Contact:

Gore Oil Company

Address/Job Location:202 S. St. Francis
Wichita Ks 67202**Reference:**

ARLETA 2-27 SEC 27-11-21

Description of Work:

SURFACE JOB

2206
QUALITY
111010-105
scan
mccook

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 855.03	No				
Common-Class A	200	\$ 3,948.33	Yes				
Calcium Chloride	7	\$ 375.67	Yes				
Bulk Truck Matl-Material Service Charge	211	\$ 202.21	No				
Premium Gel (Bentonite)	4	\$ 111.17	Yes				
Pump Truck Mileage-Job to Nearest Camp	26	\$ 112.13	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	26	\$ 87.21	No				

Invoice Terms:

Net 30

SubTotal: \$ 5,691.73

Discount Available ONLY if Invoice is Paid & Received
within listed terms of invoice: \$ (142.29)

SubTotal for Taxable Items: \$ 4,324.29

SubTotal for Non-Taxable Items: \$ 1,225.15

Total: \$ 5,549.44

Tax: \$ 324.32

7.50% Trego County Sales Tax

Thank You For Your Business!**Amount Due: \$ 5,873.76****Applied Payments:****Balance Due: \$ 5,873.76**

Past Due Invoices are subject to a service charge (annual rate of 24%)

This does not include any applicable taxes unless it is listed.

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Federal Tax I.D.# 20-2886107

Phone 785-483-1071

Cell 785-324-1041

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

No. 2854

Date ¹⁴ 6-3-22		Sec. 27	Twp. 21	Range 21	County Trego	State KS	On Location	Finish 12:15 PM
					Location Rigg 6 1/2 N			
Lease ARLETA		Well No 2-27			Owner			
Contractor DISCOVERY					To Quality Oilwell Cementing, Inc.			
Type Job SURFACE					You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.			
Hole Size 12 1/4		T.D. 309			Charge To GORE OIL			
Csg. 8 3/8		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.		Shoe Joint			Cement Amount Ordered 200# Com 3-2			
Meas Line		Displace 18.6						
EQUIPMENT								
Pumptrk 17		No.	Cementer		Common 200			
			Helper	Bill	Poz. Mix			
Bulktrk		No.	Driver	DICK	Gel. 4 1/2			
			Driver		Calcium			
Bulktrk 15		No.	Driver	Tim				
			Driver					
JOB SERVICES & REMARKS					Hulls			
Remarks:					Salt			
Rat Hole					Flowseal			
Mouse Hole					Kol-Seal			
Centralizers					Mud CLR 48			
Baskets					CFL-117 or CD110 CAF 38			
D/V or Port Collar					Sand			
RAN 7 JTS 8 3/8 set e 308					Handling 2 1/2			
Cemt w/ 200#					Mileage			
pump plug w/ 18.6 bbls					FLOAT EQUIPMENT			
Cemt did OK.					Guide Shoe			
					Centralizer			
					Baskets			
					AFU Inserts			
					Float Shoe			
					Latch Down			
					Pumptrk Charge Surface			
					Mileage 26			
					Tax			
					Discount			
					Total Charge			
Signature [Signature]					THANKS			