

Confidentiality Requested:

Yes No

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

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

**WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE**

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

Cathodic Other (Core, Expl., etc.): _____

If Workover/Re-entry: Old Well Info as follows:

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD

Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or _____ Date Reached TD _____ Completion Date or
Recompletion Date _____ Recompletion Date _____

API No.: _____

Spot Description: _____

_____ - _____ - _____ Sec. _____ Twp. _____ S. R. _____ East West

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

GPS Location: Lat: _____, Long: _____
(e.g. xx.xxxxx) (e.g. -xxx.xxxxx)

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite: _____

Operator Name: _____

Lease Name: _____ License #: _____

Quarter _____ Sec. _____ Twp. _____ S. R. _____ East West

County: _____ Permit #: _____

AFFIDAVIT

I am the affiant and I hereby certify that all requirements of the statutes, rules and regulations promulgated to regulate the oil and gas industry have been fully complied with and the statements herein are complete and correct to the best of my knowledge.

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

Operator Name: _____ Lease Name: _____ Well #: _____

Sec. _____ Twp. _____ S. R. _____ East West County: _____

INSTRUCTIONS: Show important tops of formations penetrated. Detail all cores. Report all final copies of drill stems tests giving interval tested, time tool open and closed, flowing and shut-in pressures, whether shut-in pressure reached static level, hydrostatic pressures, bottom hole temperature, fluid recovery, and flow rates if gas to surface test, along with final chart(s). Attach extra sheet if more space is needed.

Final Radioactivity Log, Final Logs run to obtain Geophysical Data and Final Electric Logs must be emailed to kcc-well-logs@kcc.ks.gov. Digital electronic log files must be submitted in LAS version 2.0 or newer AND an image file (TIFF or PDF).

Drill Stem Tests Taken <input type="checkbox"/> Yes <input type="checkbox"/> No <i>(Attach Additional Sheets)</i> Samples Sent to Geological Survey <input type="checkbox"/> Yes <input type="checkbox"/> No Cores Taken <input type="checkbox"/> Yes <input type="checkbox"/> No Electric Log Run <input type="checkbox"/> Yes <input type="checkbox"/> No Geologist Report / Mud Logs <input type="checkbox"/> Yes <input type="checkbox"/> No List All E. Logs Run: _____	<input type="checkbox"/> Log Formation (Top), Depth and Datum <input type="checkbox"/> Sample Name Top Datum
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CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used							
Report all strings set-conductor, surface, intermediate, production, etc.							
Purpose of String	Size Hole Drilled	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives

ADDITIONAL CEMENTING / SQUEEZE RECORD				
Purpose:	Depth Top Bottom	Type of Cement	# Sacks Used	Type and Percent Additives
<input type="checkbox"/> Perforate <input type="checkbox"/> Protect Casing <input type="checkbox"/> Plug Back TD <input type="checkbox"/> Plug Off Zone				

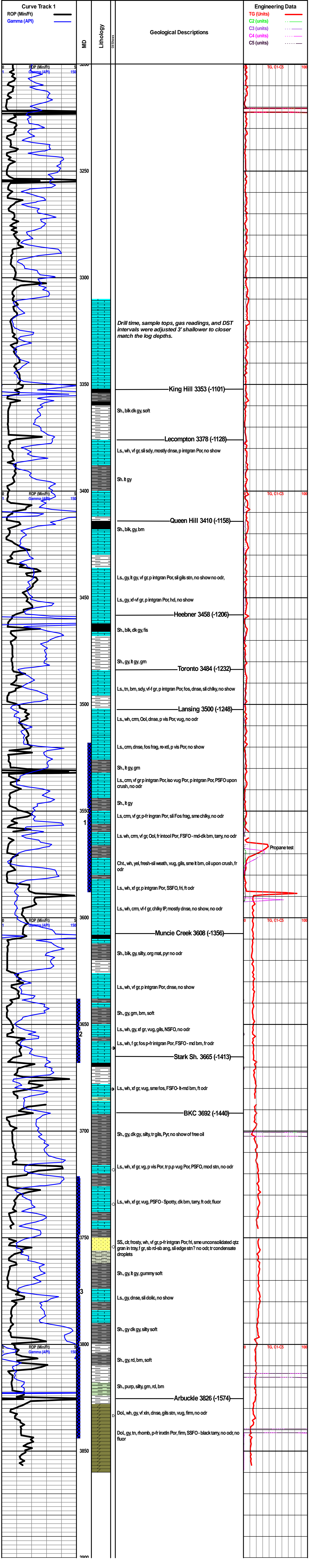
1. Did you perform a hydraulic fracturing treatment on this well? Yes No *(If No, skip questions 2 and 3)*
2. Does the volume of the total base fluid of the hydraulic fracturing treatment exceed 350,000 gallons? Yes No *(If No, skip question 3)*
3. Was the hydraulic fracturing treatment information submitted to the chemical disclosure registry? Yes No *(If No, fill out Page Three of the ACO-1)*

Date of first Production/Injection or Resumed Production/Injection:	Producing Method: <input type="checkbox"/> Flowing <input type="checkbox"/> Pumping <input type="checkbox"/> Gas Lift <input type="checkbox"/> Other <i>(Explain)</i> _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS: <input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	METHOD OF COMPLETION: <input type="checkbox"/> Open Hole <input type="checkbox"/> Perf. <input type="checkbox"/> Dually Comp. <input type="checkbox"/> Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	PRODUCTION INTERVAL: Top Bottom
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Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record <i>(Amount and Kind of Material Used)</i>

TUBING RECORD:	Size:	Set At:	Packer At:	
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CEMENT TREATMENT REPORT

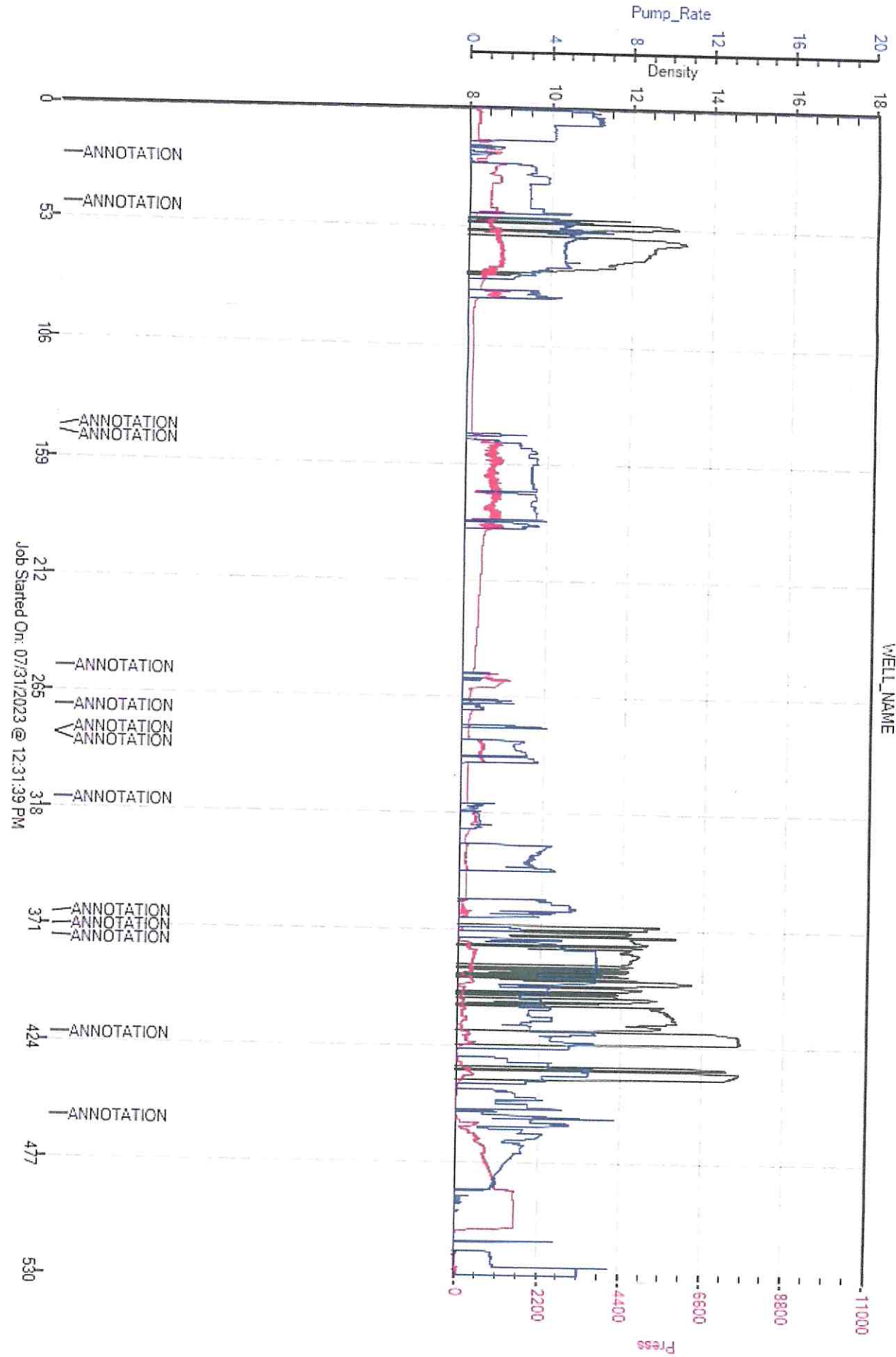
Customer:	Satchell Creek Petroleum	Well:	Worchester 1-34	Ticket:	wp 4558
City, State:	Hill City Kansas	County:	Graham.Kansas	Date:	7/28/2023
Field Rep:	Jay Krier	S-T-R:	34-06s-22w	Service:	Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 7/8 in	Blend:	H-Con	Blend:	H-LD
Hole Depth:	3860 ft	Weight:	12.0 ppg	Weight:	14.8 ppg
Casing Size:	5 1/2 in	Water / Sx:	14.5 gal / sx	Water / Sx:	6.5 gal / sx
Casing Depth:	3866 ft	Yield:	2.47 ft ³ / sx	Yield:	1.54 ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:	115%	Excess:	130%
Displacement:	95.0 bbls	Total Slurry:	200.0 bbls	Total Slurry:	50.7 bbls
		Total Sacks:	455 sx	Total Sacks:	185 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
10:00 AM			-	-	on location job and safety
10:15 AM				-	spot trucks and rig up
				-	pipe on bottom upon arrival
				-	
11:50 AM				-	start flush
	4.0	150.0	3.0	3.0	fresh water
	4.0	150.0	12.0	15.0	mud flush
	4.0	150.0	3.0	18.0	fresh water
12:05 PM	2.0	-	5.0	5.0	plug rat hole
12:10 PM				5.0	start cement down hole
	5.0	300.0	200.0		mix 455 sacks h-con
	5.0	300.0	50.0		mix 185 sacks h-ld
1:15 PM					cement in and shut down
					wash pump and lines and release the plug
1:25 PM					start displacement
	4.0	500.0	30.0		
	2.5	500.0	40.0		
	2.5	770.0	50.0		
	2.5	850.0	60.0		
	2.5	850.0	70.0		
	2.5	1,000.0	80.0		
	2.5	1,100.0	90.0		
2:15 PM	2.5	1,600.0	95.0		plug down 1100 to 1600,,,float and plug did hold
					cement did circulate

CREW			UNIT	SUMMARY		
Cementer:	M Brungardt		916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	M McGraw		529/522	3.3 bpm	587 psi	788 bbls
Bulk #1:	K Julian		181/533			
Bulk #2:			205			

CUSTOMER
WELL_NAME





DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Sean Deenihan & Chri

Worcester A1-34

Graham County NE-SE-SW-SE 34-6-22

Start Date: 2023.07.25 @ 21:36:52

End Date: 2023.07.26 @ 05:12:22

Job Ticket #: 01596 DST #: 1

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530

620-791-7394

Printed: 2023.07.25 @ 21:56:31



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 1

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.25 @ 21:36:52

GENERAL INFORMATION:

Formation: **Lansing C-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:15:52

Time Test Ended: 05:12:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **3520.00 ft (KB) To 3592.00 ft (KB) (TVD)**

Reference Elevations: 2253.00 ft (KB)

Total Depth: 3592.00 ft (KB) (TVD)

2245.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 425.22 psig @ ft (KB)

Capacity: psig

Start Date: 2023.07.25 End Date: 2023.07.26

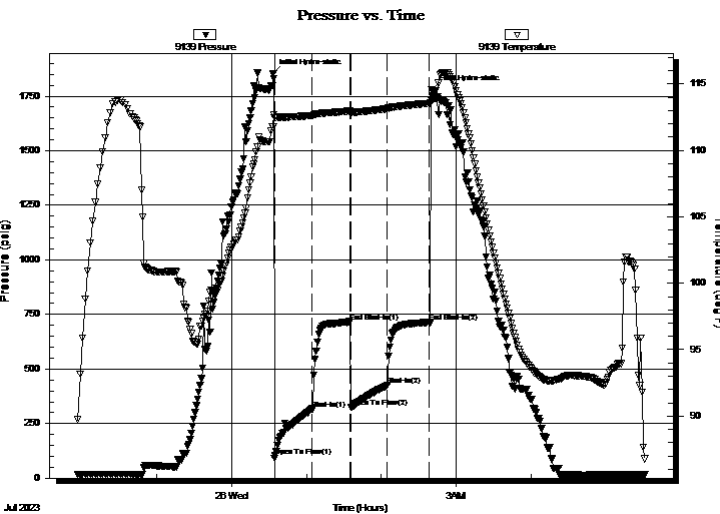
Last Calib.: 1899.12.30

Start Time: 21:55:52 End Time: 05:31:22

Time On Btm: 2023.07.26 @ 00:33:22

Time Off Btm: 2023.07.26 @ 02:40:22

TEST COMMENT: Initial Opening: BOB in 10 mins
Blow back: N/A
Second Opening: BOB in 10 mins
Blow back: N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1855.17	111.78	Initial Hydro-static
2	102.28	112.48	Open To Flow (1)
31	316.84	112.62	Shut-In(1)
62	715.95	112.96	End Shut-In(1)
63	324.33	112.87	Open To Flow (2)
92	425.22	113.13	Shut-In(2)
125	714.62	113.55	End Shut-In(2)
127	1779.56	113.81	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud	
600.00	Muddy water with traces of oil in joints	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 1

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.25 @ 21:36:52

GENERAL INFORMATION:

Formation: **Lansing C-G**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 00:15:52

Time Test Ended: 05:12:22

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 3520.00 ft (KB) To 3592.00 ft (KB) (TVD)

Reference Elevations: 2253.00 ft (KB)

Total Depth: 3592.00 ft (KB) (TVD)

2245.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB)

Capacity: psig

Start Date: 2023.07.25

End Date: 2023.07.26

Last Calib.: 1899.12.30

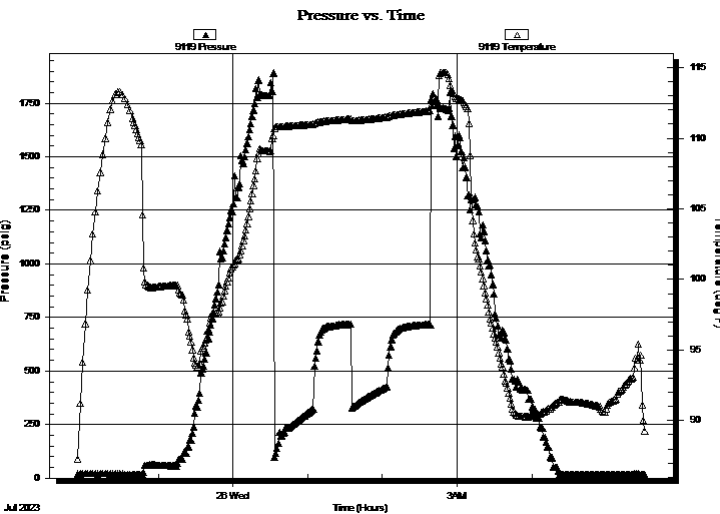
Start Time: 21:54:25

End Time: 05:30:55

Time On Btm:

Time Off Btm:

TEST COMMENT: Initial Opening: BOB in 10 mins
Blow back: N/A
Second Opening: BOB in 10 mins
Blow back: N/A



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Drilling Mud	
600.00	Muddy water with traces of oil in joints	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 1

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.25 @ 21:36:52

Tool Information

Drill Pipe:	Length: 3498.00 ft	Diameter:	inches	Volume: 3398036 bbl	Tool Weight:	10000.00 lb
Heavy Wt. Pipe:	Length: 0.00 ft	Diameter:	inches	Volume: 0.00 bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: 0.00 ft	Diameter:	inches	Volume: 0.00 bbl	Weight to Pull Loose:	105000.0 lb
				<u>Total Volume: 3398036 bbl</u>	Tool Chased	6.00 ft
Drill Pipe Above KB:	6.50 ft				String Weight: Initial	64000.00 lb
Depth to Top Packer:	3520.00 ft				Final	70000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	72.50 ft					
Tool Length:	101.00 ft					
Number of Packers:	2	Diameter:	6.75 inches			

Tool Comments:

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
Shut In Tool	5.00			3496.50	
Hydraulic tool	6.00			3502.50	
Jars	4.00			3506.50	
Safety Joint	2.50			3509.00	
Top Packer	6.50			3515.50	
Packer	4.50			3520.00	28.50 Bottom Of Top Packer
Change Over Sub	0.75			3520.75	
Drill Pipe	32.00			3552.75	
Change Over Sub	0.75			3553.50	
Anchor	34.00			3587.50	
Recorder	0.00	9119	Inside	3587.50	
Recorder	0.00	9139	Outside	3587.50	
Bullnose	5.00			3592.50	72.50 Anchor Tool

Total Tool Length: 101.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 1

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.25 @ 21:36:52

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Drilling Mud	
600.00	Muddy water with traces of oil in joints	

Total Length: 720.00 ft

Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 1

ATTN: Sean Deenihan & Chri

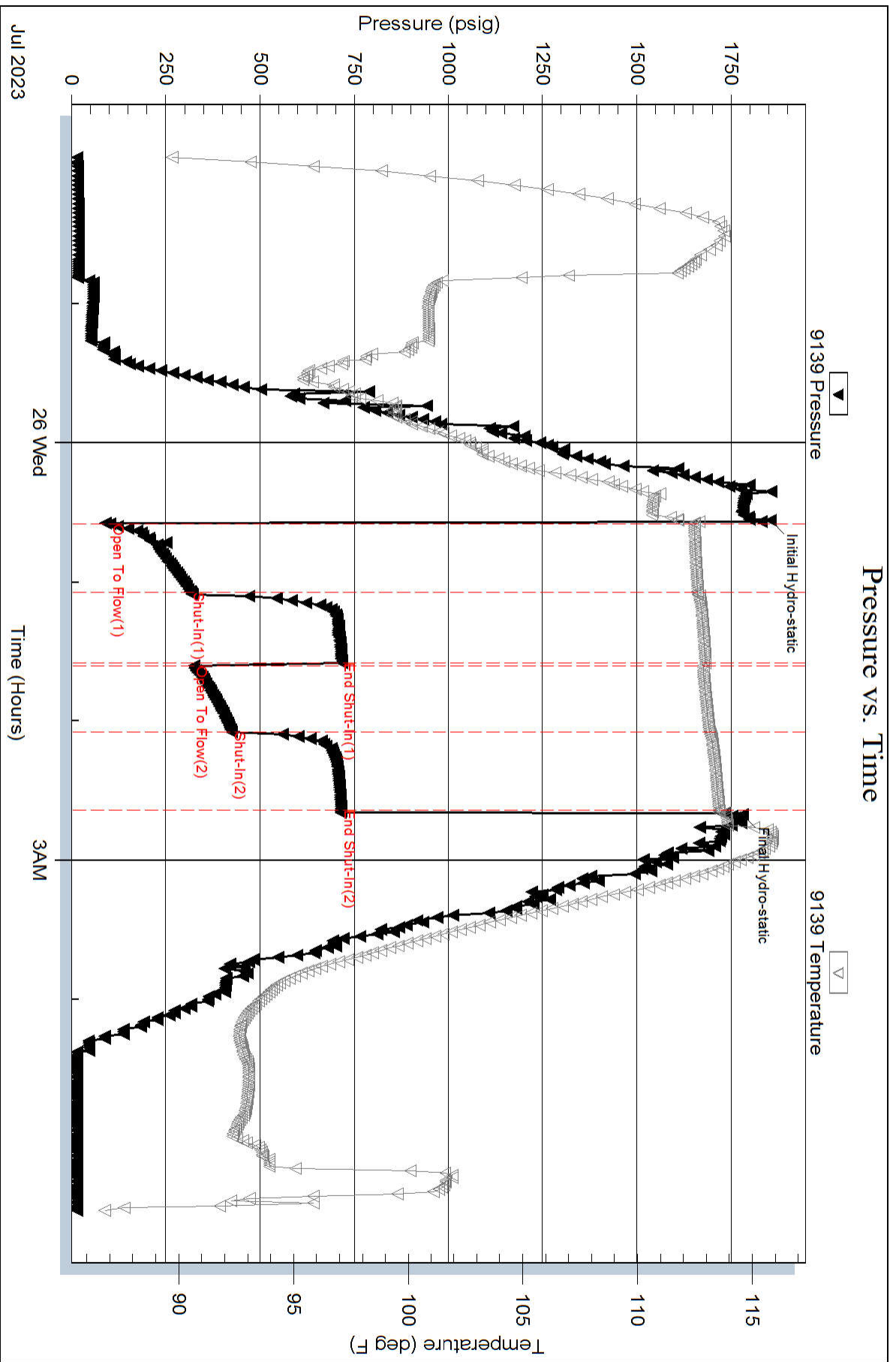
Test Start: 2023.07.25 @ 21:36:52

Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00





DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Sean Deenihan & Chri

Worcester A1-34

Graham County NE-SE-SW-SE 34-6-22

Start Date: 2023.07.26 @ 10:46:53

End Date: 2023.07.26 @ 17:25:53

Job Ticket #: 01596 DST #: 2

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530

620-791-7394

Printed: 2023.07.27 @ 21:09:42



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.26 @ 10:46:53

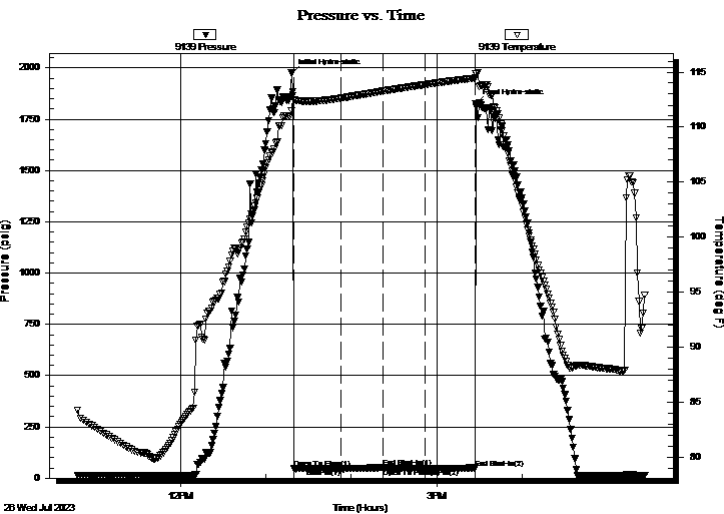
GENERAL INFORMATION:

Formation: **Lansing J**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 13:19:53
 Time Test Ended: 17:25:53
 Interval: **3640.00 ft (KB) To 3670.00 ft (KB) (TVD)**
 Total Depth: 3670.00 ft (KB) (TVD)
 Hole Diameter: 8.75 inches Hole Condition: Poor
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chad F Geist
 Unit No: 1
 Reference Elevations: 2253.00 ft (KB)
 2245.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 45.81 psig @ ft (KB) Capacity: psig
 Start Date: 2023.07.26 End Date: 2023.07.26 Last Calib.: 1899.12.30
 Start Time: 10:47:53 End Time: 17:25:53 Time On Btm: 2023.07.26 @ 13:17:53
 Time Off Btm: 2023.07.26 @ 15:27:23

TEST COMMENT: Initial Opening: Weak Surface Blow and died after 18 mins
 Blow back: N/A
 Second Opening: N/A
 Blow back: N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1974.54	111.48	Initial Hydro-static
2	46.15	112.46	Open To Flow (1)
35	45.96	112.64	Shut-In(1)
64	51.18	113.26	End Shut-In(1)
65	46.91	113.28	Open To Flow (2)
94	45.81	113.86	Shut-In(2)
129	50.00	114.46	End Shut-In(2)
130	1824.64	114.89	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
15.00	Drilling Mud - NO TRACE OIL	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.26 @ 10:46:53

Tool Information

Drill Pipe:	Length: 3624.00 ft	Diameter:	inches	Volume: 3520435 bbl	Tool Weight:	10000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter:	inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: ft	Diameter:	inches	Volume: - bbl	Weight to Pull Loose:	97000.00 lb
				Total Volume: - bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:	12.50 ft				String Weight: Initial	64000.00 lb
Depth to Top Packer:	3640.00 ft				Final	64000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	30.00 ft					
Tool Length:	58.50 ft					
Number of Packers:	2	Diameter:	6.75 inches			
Tool Comments:						

Tool Description

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths	
Shut In Tool	5.00			3616.50		
Hydraulic tool	6.00			3622.50		
Jars	4.00			3626.50		
Safety Joint	2.50			3629.00		
Top Packer	6.50			3635.50		
Packer	4.50			3640.00	28.50	Bottom Of Top Packer
Anchor	25.00			3665.00		
Recorder	0.00	9119	Inside	3665.00		
Recorder	0.00	9139	Outside	3665.00		
Bullnose	5.00			3670.00	30.00	Anchor Tool
Total Tool Length:	58.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.26 @ 10:46:53

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 55.00 sec/qt

Water Loss: 6.40 in³

Resistivity: ohm.m

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Cushion Type:

Cushion Length: ft

Cushion Volume: bbl

Gas Cushion Type:

Gas Cushion Pressure: psig

Oil API:

Water Salinity: deg API

ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
15.00	Drilling Mud - NO TRACE OIL	

Total Length: 15.00 ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 01596

DST#: 2

ATTN: Sean Deenihan & Chri

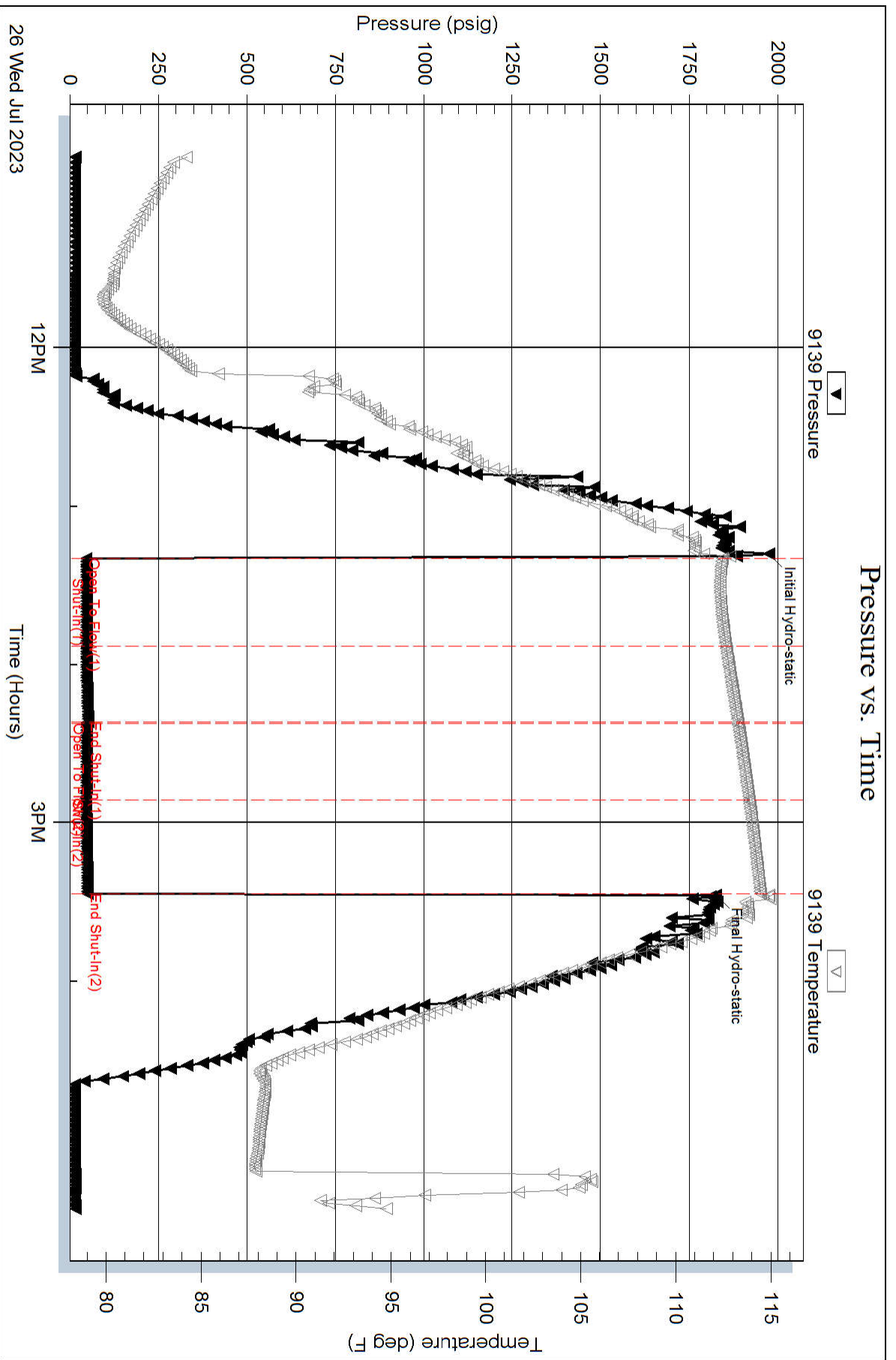
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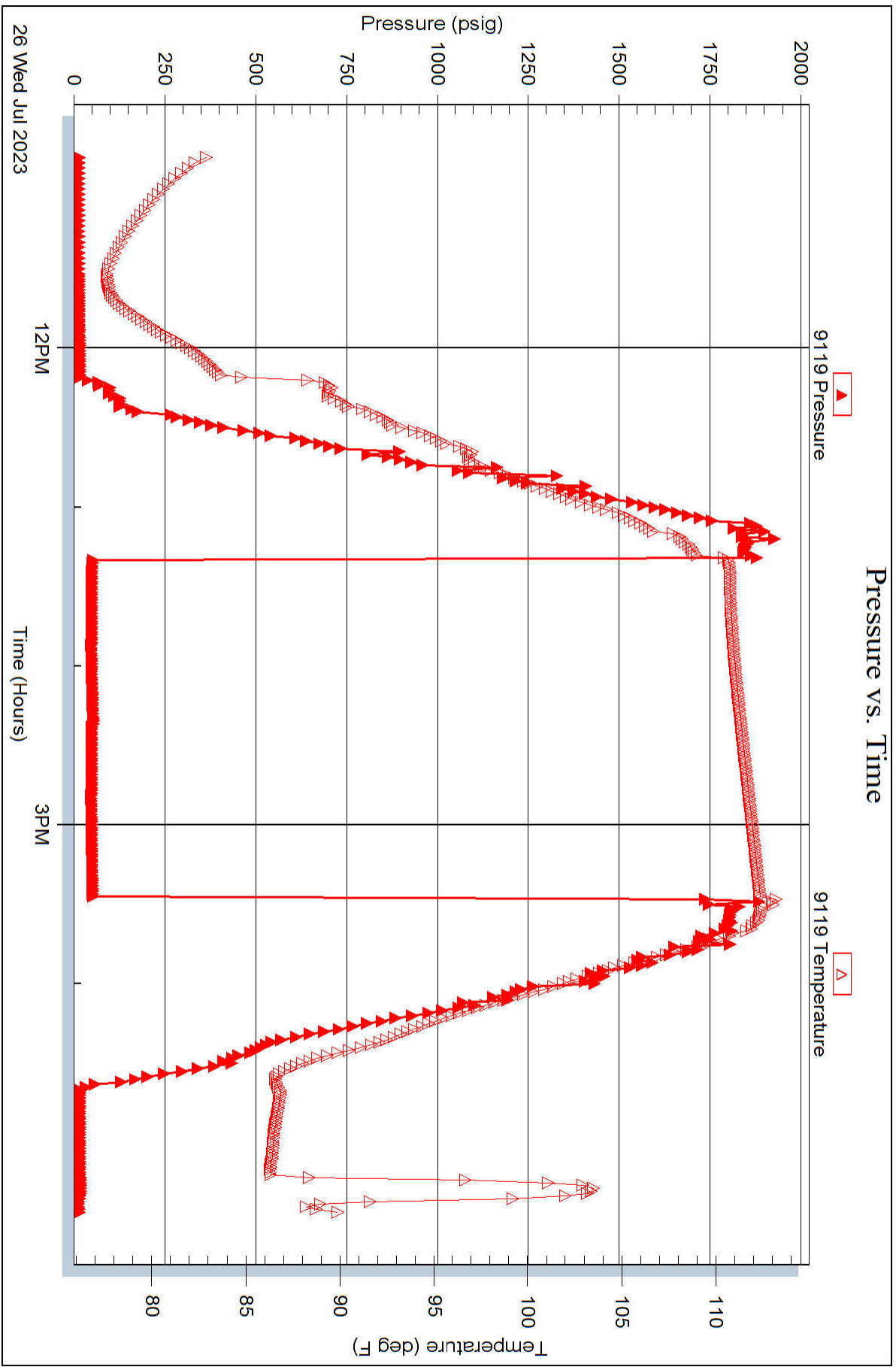
Gas Rates Information

Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00







DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Sean Deenihan & Chri

Worcester A1-34

Graham County NE-SE-SW-SE 34-6-22

Start Date: 2023.07.27 @ 21:17:25

End Date: 2023.07.28 @ 04:48:55

Job Ticket #: 10596 DST #: 3

Eagle Testers
1309 Patton Road Great Bend, Kansas 67530
620-791-7394

Printed: 2023.07.27 @ 21:28:24



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 10596

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.27 @ 21:17:25

GENERAL INFORMATION:

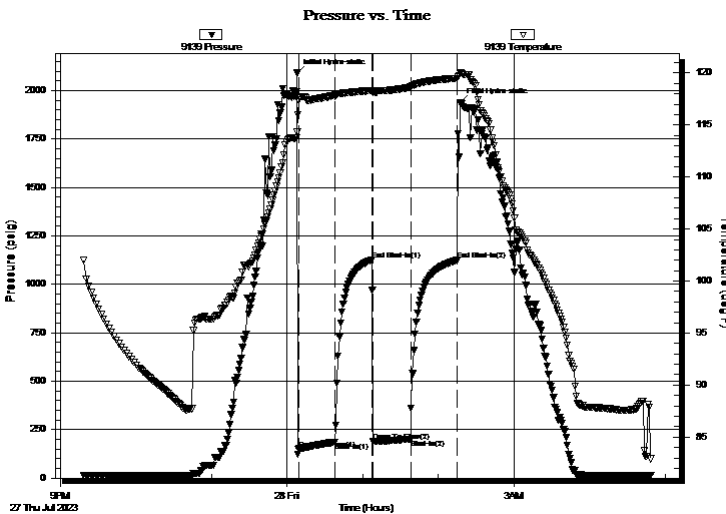
Formation: **Conglomerate**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 00:08:55
 Time Test Ended: 04:48:55
 Interval: **3725.00 ft (KB) To 3840.00 ft (KB) (TVD)**
 Total Depth: 3840.00 ft (KB) (TVD)
 Hole Diameter: 8.75 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chad F Geist
 Unit No: 1
 Reference Elevations: 2253.00 ft (KB)
 2245.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 201.55 psig @ ft (KB) Capacity: psig
 Start Date: 2023.07.27 End Date: 2023.07.28 Last Calib.: 1899.12.30
 Start Time: 21:17:25 End Time: 04:48:55 Time On Btm: 2023.07.28 @ 00:07:55
 Time Off Btm: 2023.07.28 @ 02:17:25

TEST COMMENT: Initial Opening. Built to 8" after 30 mins
 Blow back: N/A
 Second Opening: Built to 5" after 30 mins
 Blow back: N/A

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2089.81	114.29	Initial Hydro-static
1	150.67	117.38	Open To Flow (1)
30	183.65	117.79	Shut-In(1)
59	1126.50	118.32	End Shut-In(1)
61	191.57	118.12	Open To Flow (2)
90	201.55	118.63	Shut-In(2)
127	1124.22	119.49	End Shut-In(2)
130	1939.79	120.06	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
210.00	DRILLING MUD	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 10596

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.27 @ 21:17:25

Tool Information

Drill Pipe:	Length: 3712.00 ft	Diameter:	inches	Volume: 3605920 bbl	Tool Weight:	10000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter:	inches	Volume: - bbl	Weight set on Packer:	20000.00 lb
Drill Collar:	Length: ft	Diameter:	inches	Volume: - bbl	Weight to Pull Loose:	105000.0 lb
				Total Volume: - bbl	Tool Chased	12.00 ft
Drill Pipe Above KB:	15.50 ft				String Weight: Initial	66000.00 lb
Depth to Top Packer:	3725.00 ft				Final	68000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	115.00 ft					
Tool Length:	143.50 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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Shut In Tool	5.00			3701.50	
Hydraulic tool	6.00			3707.50	
Jars	4.00			3711.50	
Safety Joint	2.50			3714.00	
Top Packer	6.50			3720.50	
Packer	4.50			3725.00	28.50 Bottom Of Top Packer
Change Over Sub	0.75			3725.75	
Drill Pipe	93.50			3819.25	
Change Over Sub	0.75			3820.00	
Anchor	15.00			3835.00	
Recorder	0.00	9119	Inside	3835.00	
Recorder	0.00	9139	Outside	3835.00	
Bullnose	5.00			3840.00	115.00 Anchor Tool

Total Tool Length: 143.50



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 10596

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.27 @ 21:17:25

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.40 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2300.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
210.00	DRILLING MUD	

Total Length: 210.00 ft Total Volume: bbl

Num Fluid Samples: 0

Num Gas Bombs: 0

Serial #:

Laboratory Name:

Laboratory Location:

Recovery Comments:



DRILL STEM TEST REPORT

GAS RATES

Satchell Creek Petroleum

Graham County NE-SE-SW-SE 34-6-22

3032 N Cortina
Wichita, KS 67205

Worcester A1-34

Job Ticket: 10596

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.07.27 @ 21:17:25

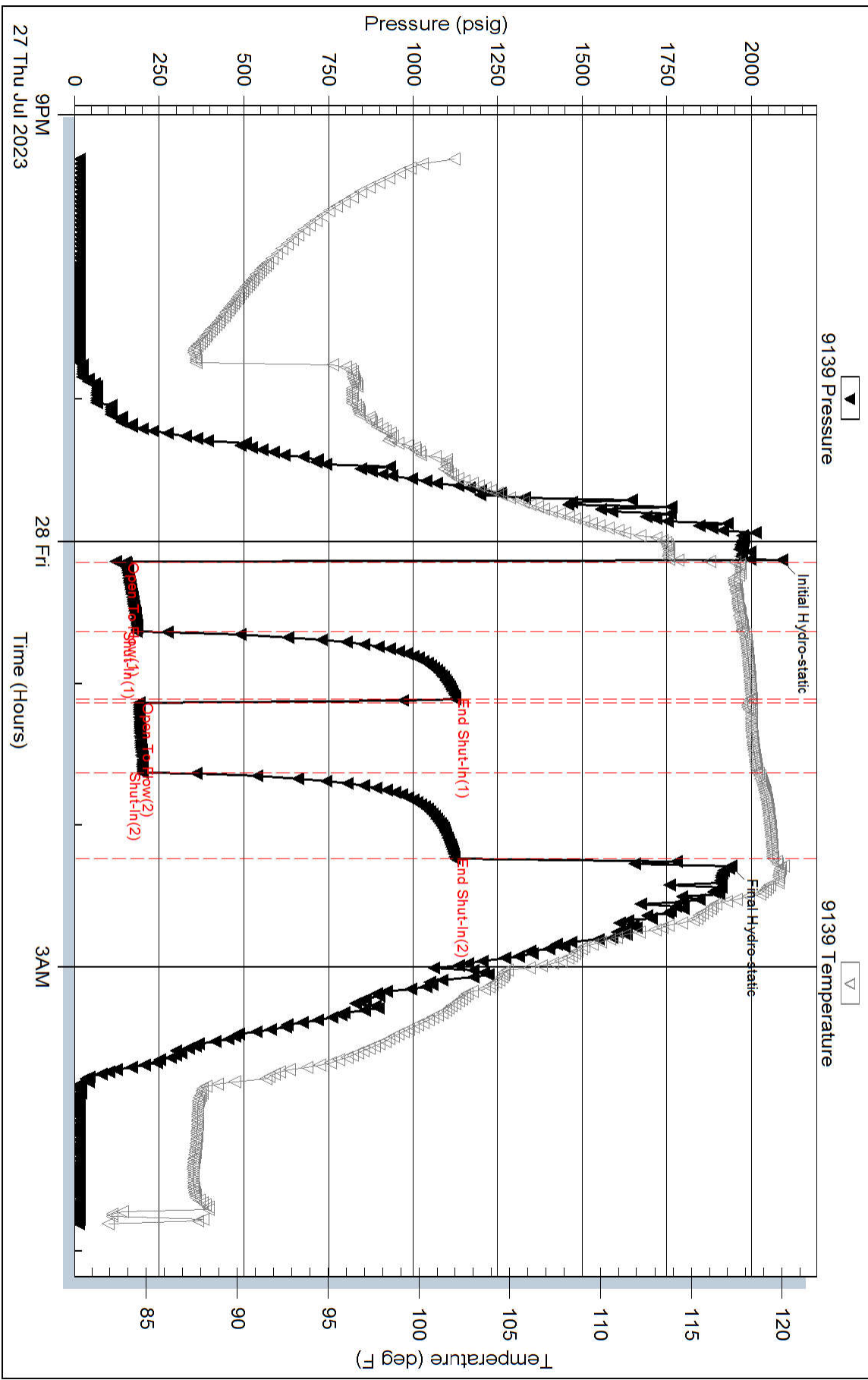
Gas Rates Information

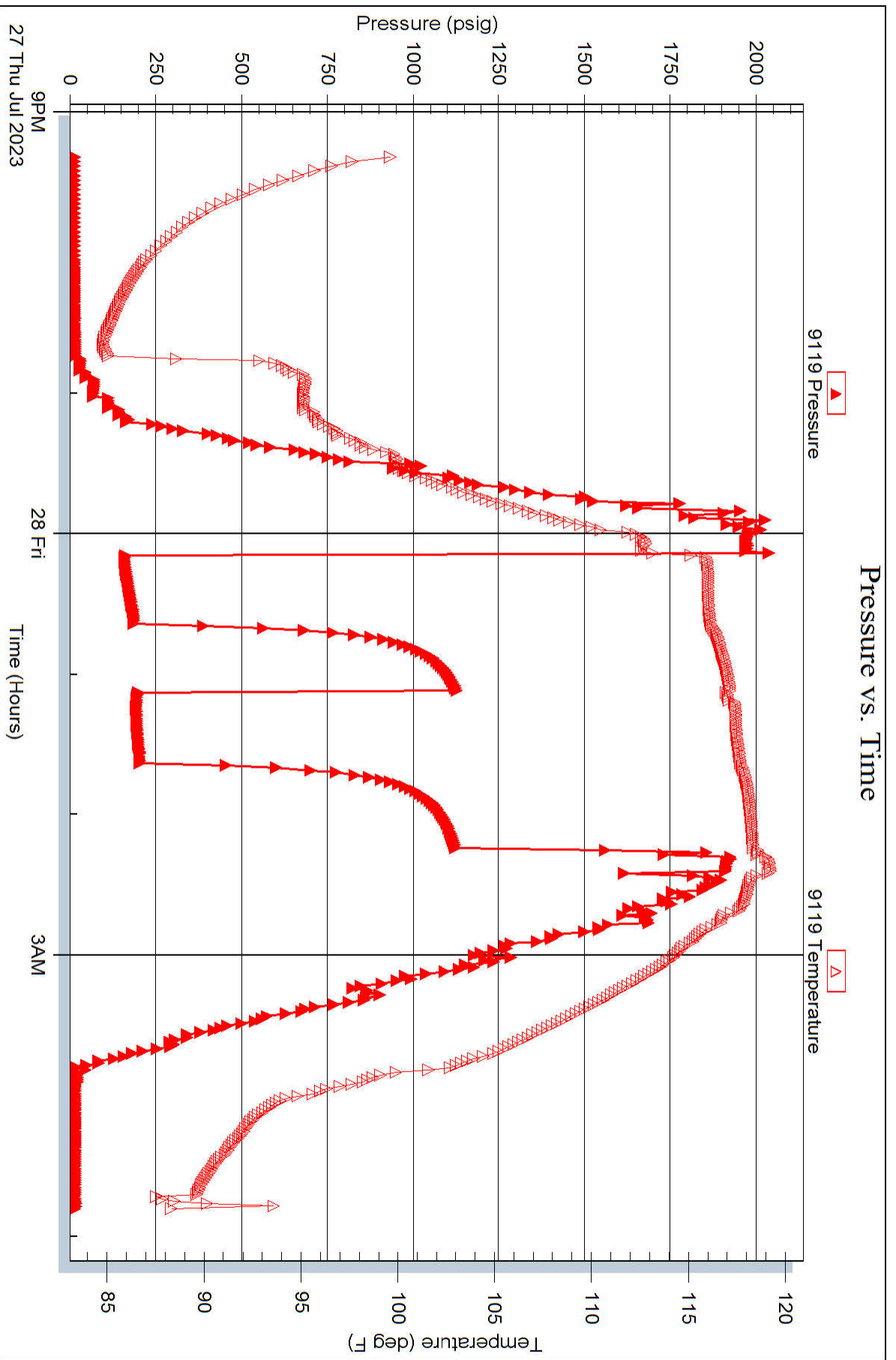
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

Flow Period	Elapsed Time	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
		0.00	0.00	0.00

Pressure vs. Time





Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513



Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Andrew J. French, Chairperson
Dwight D. Keen, Commissioner
Annie Kuether, Commissioner

Laura Kelly, Governor

November 22, 2023

Michael J. Hopson
Satchell Creek Petroleum, LLC
3032 N CORTINA STREET
WICHITA, KS 67205-7536

Re: ACO-1
API 15-065-24269-00-00
WORCESTER A 1-34
SE/4 Sec.34-06S-22W
Graham County, Kansas

Dear Michael J. Hopson:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 7/21/2023 and the ACO-1 was received on November 20, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department