

Confidentiality Requested:

Yes No

KANSAS CORPORATION COMMISSION
OIL & GAS CONSERVATION DIVISION

Form ACO-1

January 2018

Form must be Typed

Form must be Signed

All blanks must be Filled

WELL COMPLETION FORM
WELL HISTORY - DESCRIPTION OF WELL & LEASE

OPERATOR: License # _____

Name: _____

Address 1: _____

Address 2: _____

City: _____ State: _____ Zip: _____ + _____

Contact Person: _____

Phone: (_____) _____

CONTRACTOR: License # _____

Name: _____

Wellsite Geologist: _____

Purchaser: _____

Designate Type of Completion:

New Well Re-Entry Workover

Oil WSW SWD

Gas DH EOR

OG GSW

CM (Coal Bed Methane)

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

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

Operator: _____

Well Name: _____

Original Comp. Date: _____ Original Total Depth: _____

Deepening Re-perf. Conv. to EOR Conv. to SWD
 Plug Back Liner Conv. to GSW Conv. to Producer

Commingled Permit #: _____

Dual Completion Permit #: _____

SWD Permit #: _____

EOR Permit #: _____

GSW Permit #: _____

Spud Date or Date Reached TD Completion Date or Recompletion Date

API No.: _____

Spot Description: _____

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

_____ Feet from North / South Line of Section

_____ Feet from East / West Line of Section

Footages Calculated from Nearest Outside Section Corner:

NE NW SE SW

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

Datum: NAD27 NAD83 WGS84

County: _____

Lease Name: _____ Well #: _____

Field Name: _____

Producing Formation: _____

Elevation: Ground: _____ Kelly Bushing: _____

Total Vertical Depth: _____ Plug Back Total Depth: _____

Amount of Surface Pipe Set and Cemented at: _____ Feet

Multiple Stage Cementing Collar Used? Yes No

If yes, show depth set: _____ Feet

If Alternate II completion, cement circulated from: _____

feet depth to: _____ w/ _____ sx cmt.

Drilling Fluid Management Plan

(Data must be collected from the Reserve Pit)

Chloride content: _____ ppm Fluid volume: _____ bbls

Dewatering method used: _____

Location of fluid disposal if hauled offsite:

Operator Name: _____

Lease Name: _____ License #: _____

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

County: _____ Permit #: _____

AFFIDAVIT

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

Submitted Electronically

KCC Office Use ONLY

Confidentiality Requested

Date: _____

Confidential Release Date: _____

Wireline Log Received Drill Stem Tests Received

Geologist Report / Mud Logs Received

UIC Distribution

ALT I II III Approved by: _____ Date: _____

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

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

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

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

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

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

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

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

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

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	HOBBS A2-28
Doc ID	1742870

All Electric Logs Run

DIL
DUCP
MEL
Micro

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	HOBBS A2-28
Doc ID	1742870

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
8	3834	3836			150 gal 20% HCL
8	3850	3852			150 gal 20% HCL
8	3888	3890			150 gal 20% HCL
8	3916	3917			150 gal 20% HCL
8	4000	4002			150 gal 20% HCL
8	4020	4024			150 gal 20% HCL
8	4040	4044			150 gal 20% HCL
8	4102	4104			150 gal 20% HCL
8	4392	4394			150 gal 20% HCL



CEMENT TREATMENT REPORT

Customer: Satchell Creek	Well: Hobbs A #2-28	Ticket: WP 4661
City, State: St. Peter KS	County: Graham KS	Date: 8/29/2023
Field Rep: Jay Krier	S-T-R: 28-10S-25W	Service: Lonstring

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4478 ft
Casing Size:	5 1/2 in
Casing Depth:	4462 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	105.8 bbbls

Calculated Slurry - Lead	
Blend:	H-Con
Weight:	12.0 ppg
Water / Sx:	15.5 gal / sx
Yield:	2.56 ft ³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	4462 ft
Annular Volume:	137.9 bbbls
Excess:	
Total Slurry:	250.7 bbbls
Total Sacks:	550 sx

Calculated Slurry - Tail	
Blend:	H-LD
Weight:	14.8 ppg
Water / Sx:	6.5 gal / sx
Yield:	1.51 ft ³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	4462 ft
Annular Volume:	137.8758 bbbls
Excess:	
Total Slurry:	67.2 bbbls
Total Sacks:	250 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
8:20 AM			-	-	Arrived on location
8:30 AM				-	Safety meeting
8:40 AM				-	Rigged up
11:25 AM				-	Casing on bottom
11:46 AM				-	Circulated mud
12:55 PM	4.5	225.0	10.0	10.0	Water ahead
12:57 PM	4.5	250.0	12.0	22.0	Pumped 500 gallons mud flush
1:01 PM	4.5	275.0	10.0	32.0	Water behind
1:05 PM	3.0	100.0	13.6	45.6	Mixed 30 sacks cement for rat hole plug
1:11 PM	3.5	250.0	237.0	282.6	Mixed 520 sacks H-Con Lead cement @ 12.0 ppg mud scale verified
2:04 PM	3.5	200.0	67.2	349.8	Mixed 250 sacks H-LD Tail cement @ 14.8 ppg mud scale verified
2:24 PM					Shut down, loaded plug, cleared pump and lines
2:38 PM	4.7	250.0	95.8		Begin diaplacement
2:58 PM	3.0	1,650.0	10.0		Slowed down to 3.0 bpm 10 bbbls to go
3:02 PM		2,500.0			Plug down with 1750 landing psi and 2500 bump psi cement did not come around and did not regain circulation after beginning c
3:04 PM					Released pressure plug held with 1 bbl back to tank
3:06 PM					Washed up and rigged down
3:50 PM					Left location

CREW		UNIT	SUMMARY		
Cementer:	John	947	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose V	208	3.9 bpm	633 psi	456 bbbls
Bulk #1:	Michael	194-235			
Bulk #2:	Christen	538-530			



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs A2-28

Graham NE-SE-NW-NE 28-10-25

Start Date: 2023.08.22 @ 16:37:08

End Date: 2023.08.22 @ 22:53:38

Job Ticket #: 01600 DST #: 1

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

Printed: 2023.08.23 @ 20:29:21

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

Hobbs A2-28

DST # 1

Oread

2023.08.22



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

ATTN: Chris Leiker & Mike

Job Ticket: 01600

DST#: 1

Test Start: 2023.08.22 @ 16:37:08

GENERAL INFORMATION:

Formation: **Oread**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 18:38:08

Time Test Ended: 22:53:38

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 3754.00 ft (KB) To 3837.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 3837.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9119

Press@RunDepth: 414.93 psig @ ft (KB)

Capacity: psig

Start Date: 2023.08.22 End Date: 2023.08.22

Last Calib.: 1899.12.30

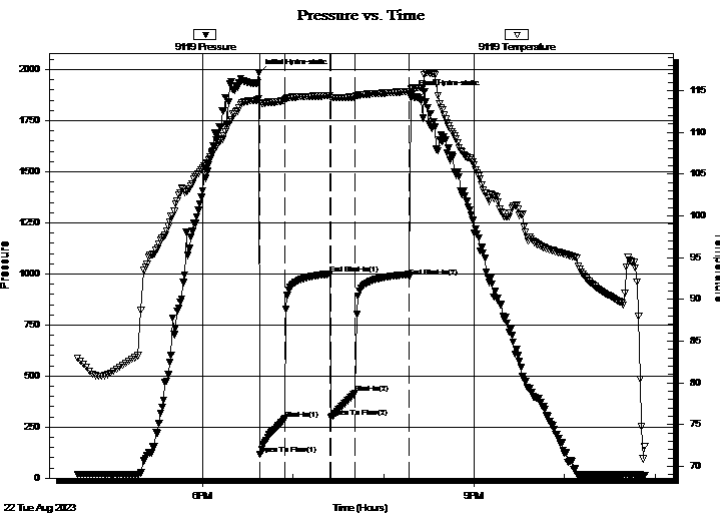
Start Time: 16:37:08 End Time: 22:53:38

Time On Btm: 2023.08.22 @ 18:37:08

Time Off Btm: 2023.08.22 @ 20:18:38

TEST COMMENT: 15-30-15-30

Initial Opening: BOB in 5 mins
Blow back: N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	1982.37	114.07	Initial Hydro-static
1	116.21	113.58	Open To Flow (1)
18	291.07	113.84	Shut-In(1)
47	999.52	114.39	End Shut-In(1)
48	297.02	114.19	Open To Flow (2)
64	414.93	114.24	Shut-In(2)
100	987.51	114.88	End Shut-In(2)
102	1879.55	115.26	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
660.00	Watery Mud	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.08.22 @ 16:37:08

Tool Information

Drill Pipe:	Length: 3735.00 ft	Diameter:	inches	Volume: 3628263 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:	70000.00 lb
				Total Volume: - bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	9.50 ft				String Weight: Initial	57000.00 lb
Depth to Top Packer:	3754.00 ft				Final	63000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	83.50 ft					
Tool Length:	112.00 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			3730.50	
Hydraulic tool	6.00			3736.50	
Jars	4.00			3740.50	
Safety Joint	2.50			3743.00	
Top Packer	6.50			3749.50	
Packer	4.50			3754.00	28.50 Bottom Of Top Packer
Change Over Sub	0.75			3754.75	
Drill Pipe	63.00			3817.75	
Change Over Sub	0.75			3818.50	
Anchor	14.00			3832.50	
Recorder	0.00	9119	Inside	3832.50	
Recorder	0.00	9139	Outside	3832.50	
Bullnose	5.00			3837.50	83.50 Anchor Tool

Total Tool Length: 112.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.08.22 @ 16:37:08

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: 6.39 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
660.00	Watery Mud	

Total Length: 660.00 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 NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 1

ATTN: Chris Leiker & Mike

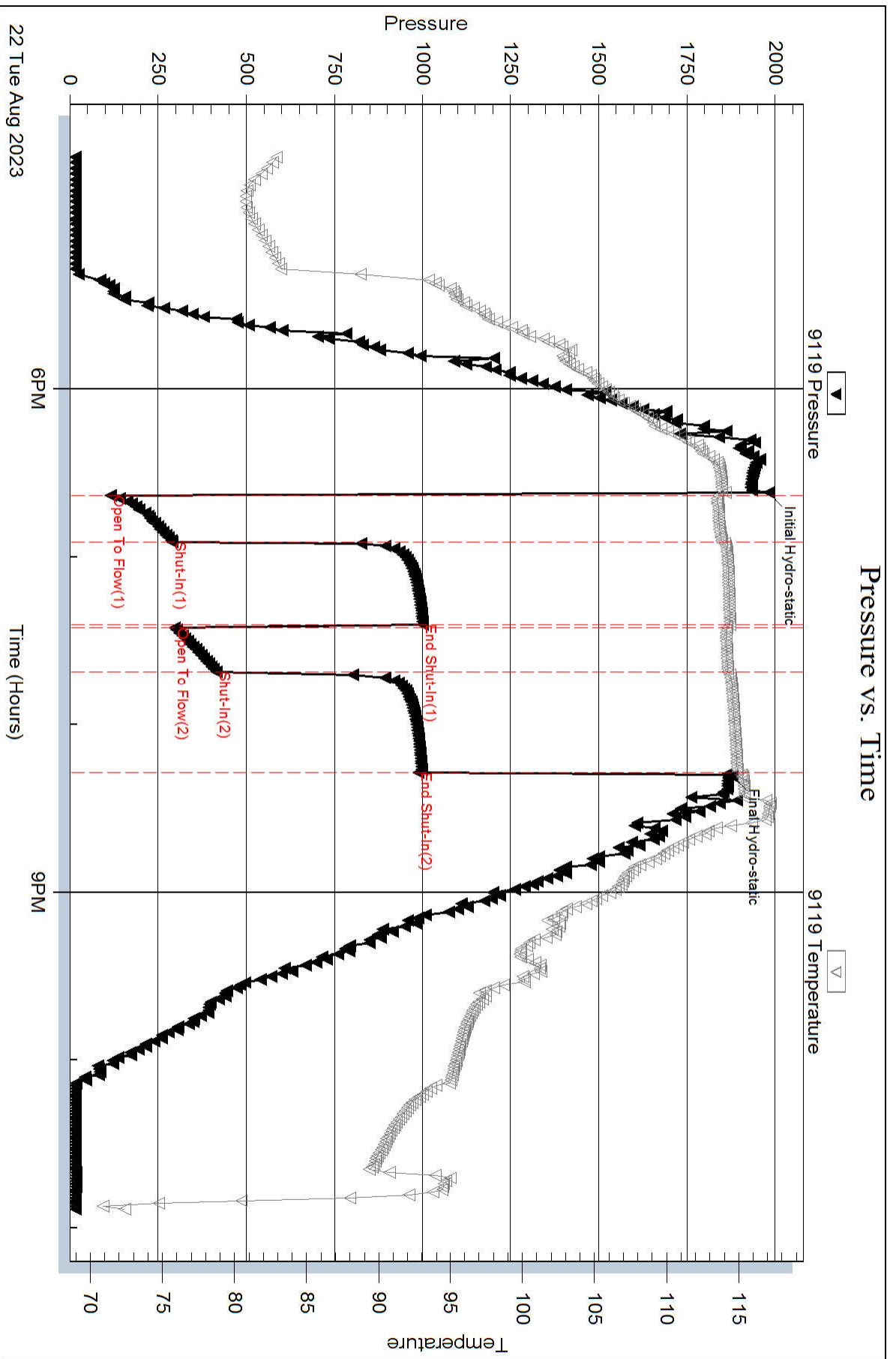
Test Start: 2023.08.22 @ 16:37:08

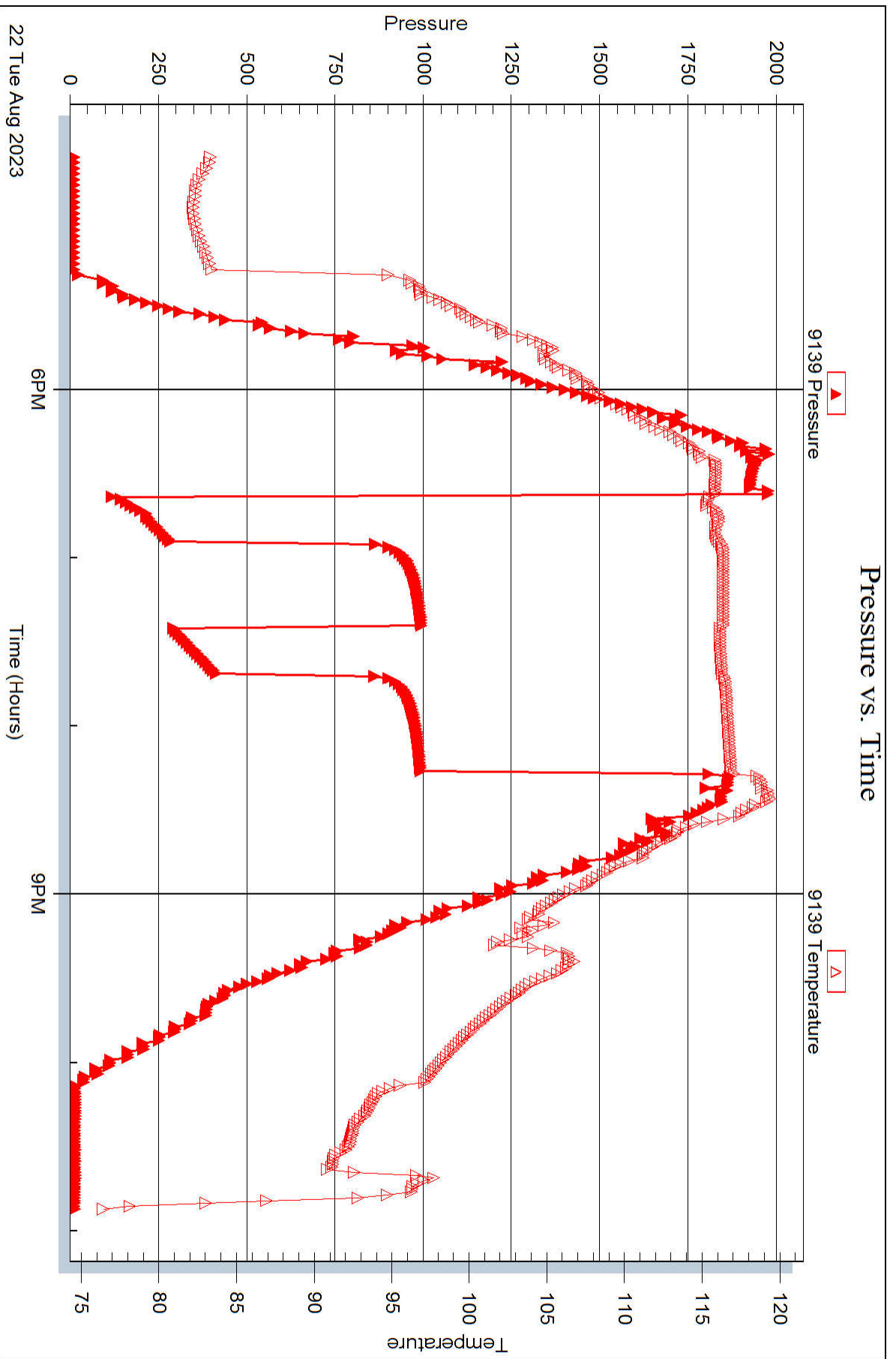
Gas Rates Information

Temperature: 15 (deg C)
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: Chris Leiker & Mike

Hobbs A2-28

Graham NE-SE-NW-NE 28-10-25

Start Date: 2023.08.23 @ 00:37:45

End Date: 2023.08.23 @ 08:07:15

Job Ticket #: 01600 DST #: 2

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

Printed: 2023.08.23 @ 20:27:32



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 00:37:45

GENERAL INFORMATION:

Formation: **Lansing A - D**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:47:45

Time Test Ended: 08:07:15

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 3835.00 ft (KB) To 3904.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 3904.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9119

Inside

Press@RunDepth: 154.96 psig @ 93.00 ft (KB)

Capacity: psig

Start Date: 2023.08.23

End Date: 2023.08.23

Last Calib.: 1899.12.30

Start Time: 00:37:45

End Time: 08:07:15

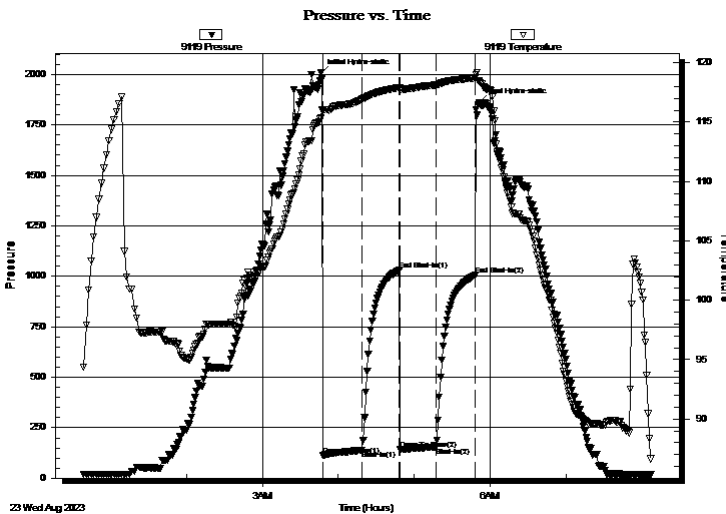
Time On Btm: 2023.08.23 @ 03:46:15

Time Off Btm: 2023.08.23 @ 05:51:15

TEST COMMENT: 30-30-30-30

Initial Opening: Built to 4" and started to die off in 30 mins
Blow back: N/A

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	2006.63	115.39	Initial Hydro-static
2	112.46	116.03	Open To Flow (1)
33	138.26	116.92	Shut-In(1)
62	1030.88	117.91	End Shut-In(1)
63	144.24	117.72	Open To Flow (2)
91	154.96	118.12	Shut-In(2)
122	1005.17	118.70	End Shut-In(2)
125	1862.45	118.39	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
160.00	3%Oil 97%DM	
0.00	Tool Sample Heavy Oil Saturation 45% Oil	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 00:37:45

GENERAL INFORMATION:

Formation: **Lansing A - D**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened: 03:47:45

Tester: Chad F Geist

Time Test Ended: 08:07:15

Unit No: 1

Interval: 3835.00 ft (KB) To 3904.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 3904.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9139 Outside

Press@RunDepth: psig @ 93.00 ft (KB)

Capacity: psig

Start Date: 2023.08.23

End Date: 2023.08.23

Last Calib.: 1899.12.30

Start Time: 00:37:08

End Time: 08:06:38

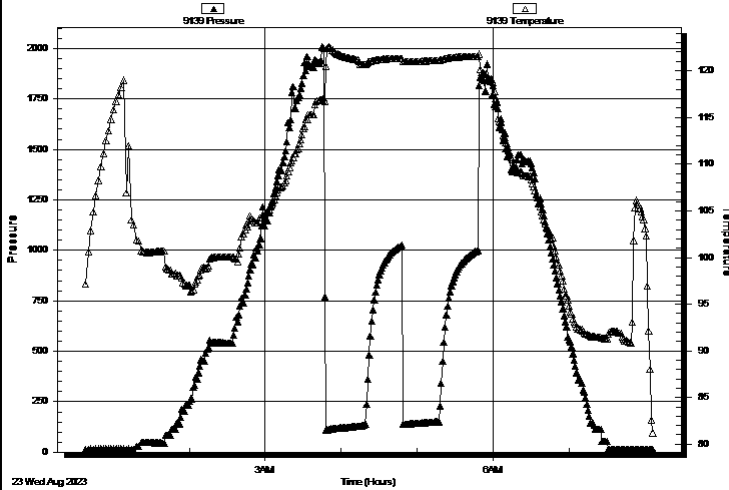
Time On Btm:

Time Off Btm:

TEST COMMENT: 30-30-30-30

Initial Opening: Built to 4" and started to die off in 30 mins
Blow back: N/A

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
160.00	3% Oil 97% DM	
0.00	Tool Sample Heavy Oil Saturation 45% Oil	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 00:37:45

Tool Information

Drill Pipe:	Length:	ft	Diameter:	inches	Volume:	- 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:	70000.00 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	62000.00 lb
Depth to Top Packer:	28.50	ft					Final	62500.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	69.50	ft						
Tool Length:	98.00	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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Shut In Tool	5.00			5.00	
Hydraulic tool	6.00			11.00	
Jars	4.00			15.00	
Safety Joint	2.50			17.50	
Top Packer	6.50			24.00	
Packer	4.50			28.50	28.50 Bottom Of Top Packer
Change Over Sub	0.75			29.25	
Drill Pipe	31.00			60.25	
Change Over Sub	0.75			61.00	
Anchor	32.00			93.00	
Recorder	0.00	9119	Inside	93.00	
Recorder	0.00	9139	Outside	93.00	
Bullnose	5.00			98.00	69.50 Anchor Tool

Total Tool Length: 98.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 00:37:45

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: deg API
Water Salinity: ppm

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
160.00	3%Oil 97%DM	
0.00	Tool Sample Heavy Oil Saturation 45% Oil	

Total Length: 160.00 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 NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 00:37:45

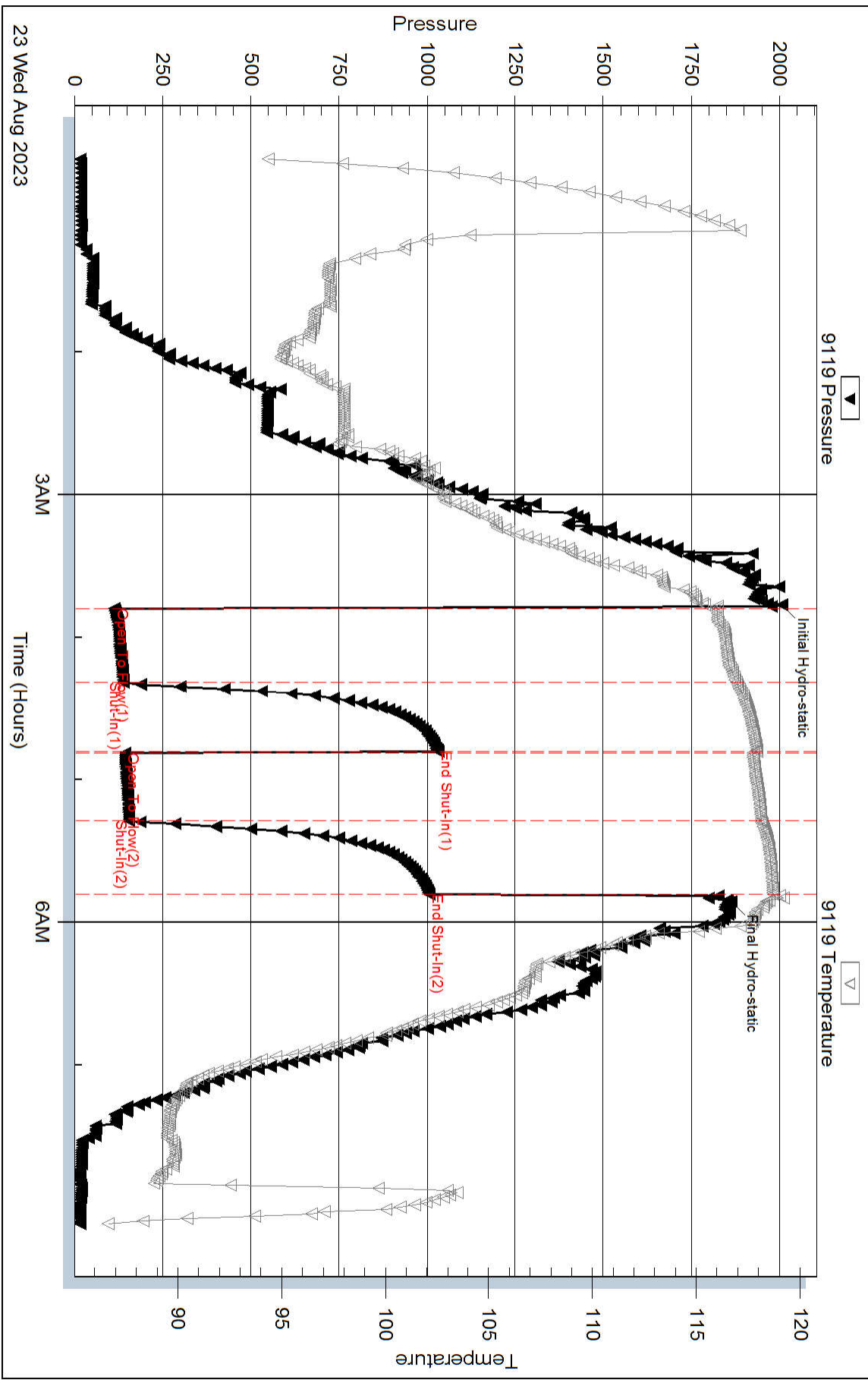
Gas Rates Information

Temperature: 15 (deg C)
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



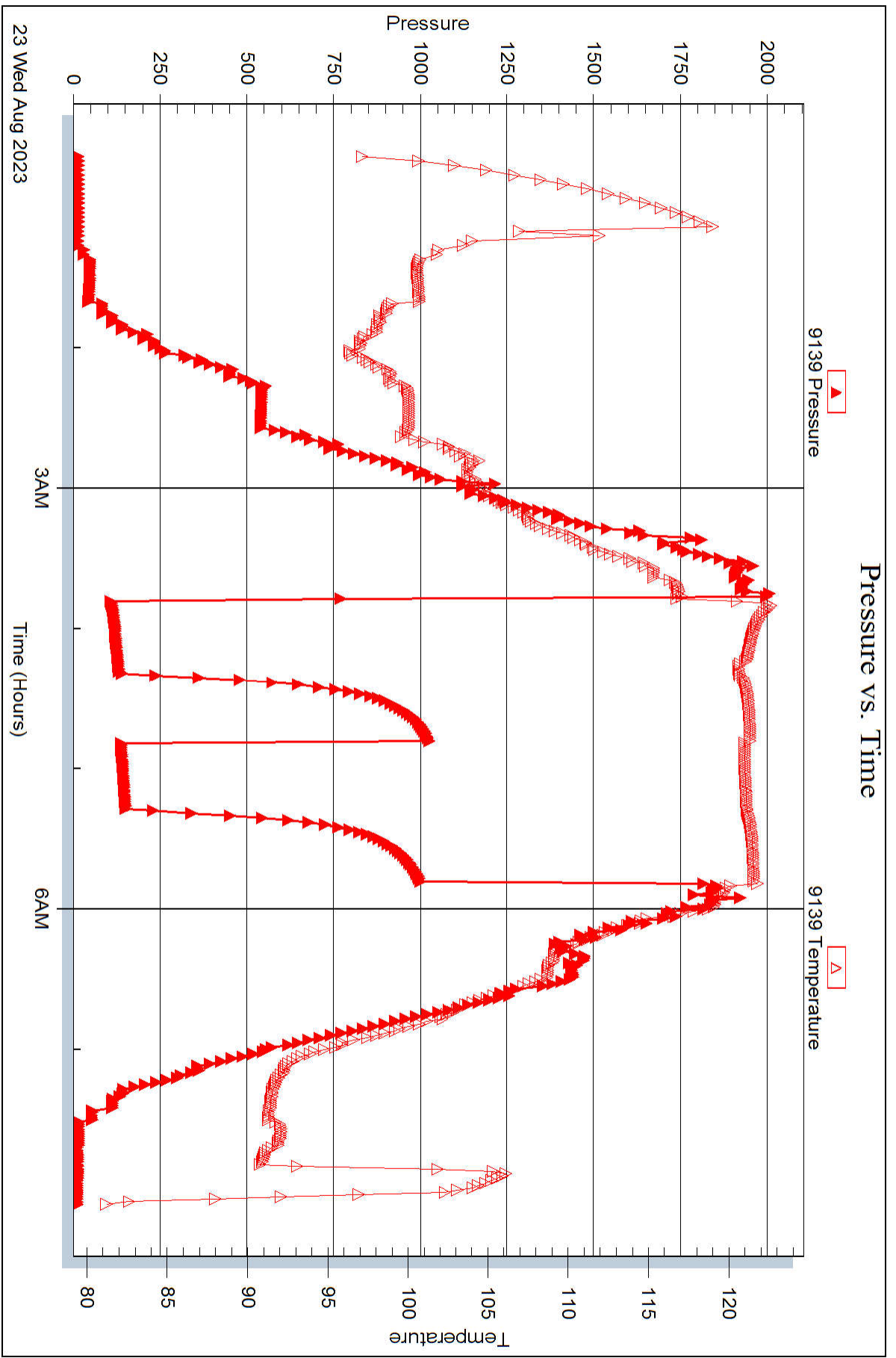
23 Wed Aug 2023

Serial #: 9139

Outside Satchell Creek Petroleum

Hobbs A2-28

DST Test Number: 2



Eagle Testers

Ref. No: 01600

Printed: 2023.08.23 @ 20:27:40



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs A2-28

Graham NE-SE-NW-NE 28-10-25

Start Date: 2023.08.23 @ 23:47:39

End Date: 2023.08.24 @ 07:33:09

Job Ticket #: 01600 DST #: 3

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

Printed: 2023.08.26 @ 23:38:46



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 23:47:39

GENERAL INFORMATION:

Formation: **Lansing H & I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 03:22:09

Time Test Ended: 07:33:09

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 3960.00 ft (KB) To 4020.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 4020.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9139

Press@RunDepth: 69.83 psig @ ft (KB)

Capacity: psig

Start Date: 2023.08.23

End Date:

2023.08.24

Last Calib.: 1899.12.30

Start Time: 23:47:39

End Time:

07:33:09

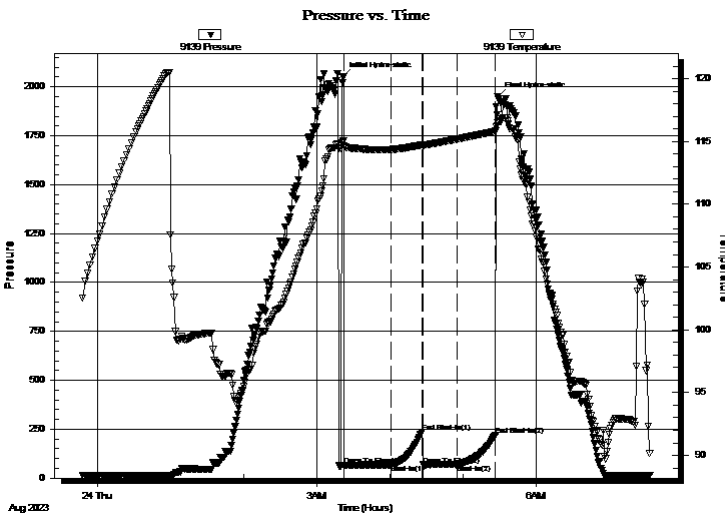
Time On Btm: 2023.08.24 @ 03:21:09

Time Off Btm: 2023.08.24 @ 05:28:09

TEST COMMENT: 30-30-30-30

Initial Opening: N/A
Blow back: N/A

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	2051.63	114.98	Initial Hydro-static
1	65.62	114.62	Open To Flow (1)
39	68.09	114.35	Shut-In(1)
65	234.48	114.72	End Shut-In(1)
66	68.09	114.70	Open To Flow (2)
94	69.83	115.19	Shut-In(2)
125	220.69	115.81	End Shut-In(2)
127	1949.56	116.49	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Drilling Mud	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 23:47:39

Tool Information

Drill Pipe:	Length:	ft	Diameter:	inches	Volume:	- 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:	80000.00 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	62000.00 lb
Depth to Top Packer:	28.50	ft					Final	62000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	61.10	ft						
Tool Length:	89.60	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			5.00	
Hydraulic tool	6.00			11.00	
Jars	4.00			15.00	
Safety Joint	2.50			17.50	
Top Packer	6.50			24.00	
Packer	4.50			28.50	28.50 Bottom Of Top Packer
Change Over Sub	0.75			29.25	
Drill Pipe	31.60			60.85	
Change Over Sub	0.75			61.60	
Anchor	23.00			84.60	
Recorder	0.00	9119	Inside	84.60	
Recorder	0.00	9139	Outside	84.60	
Bullnose	5.00			89.60	61.10 Anchor Tool

Total Tool Length: 89.60



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.08.23 @ 23:47:39

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: 6.39 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
10.00	Drilling Mud	

Total Length: 10.00 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 NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 3

ATTN: Chris Leiker & Mike

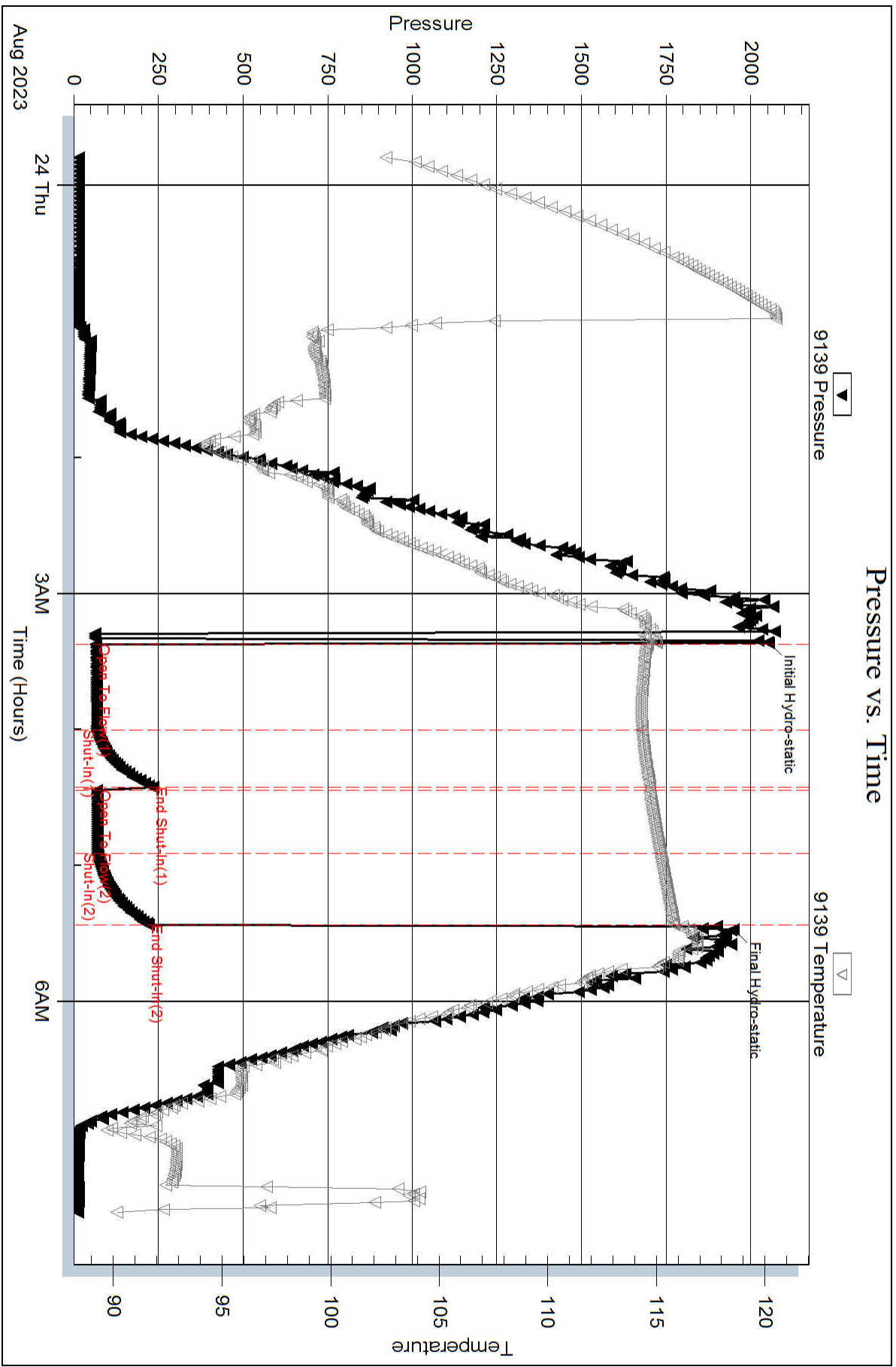
Test Start: 2023.08.23 @ 23:47:39

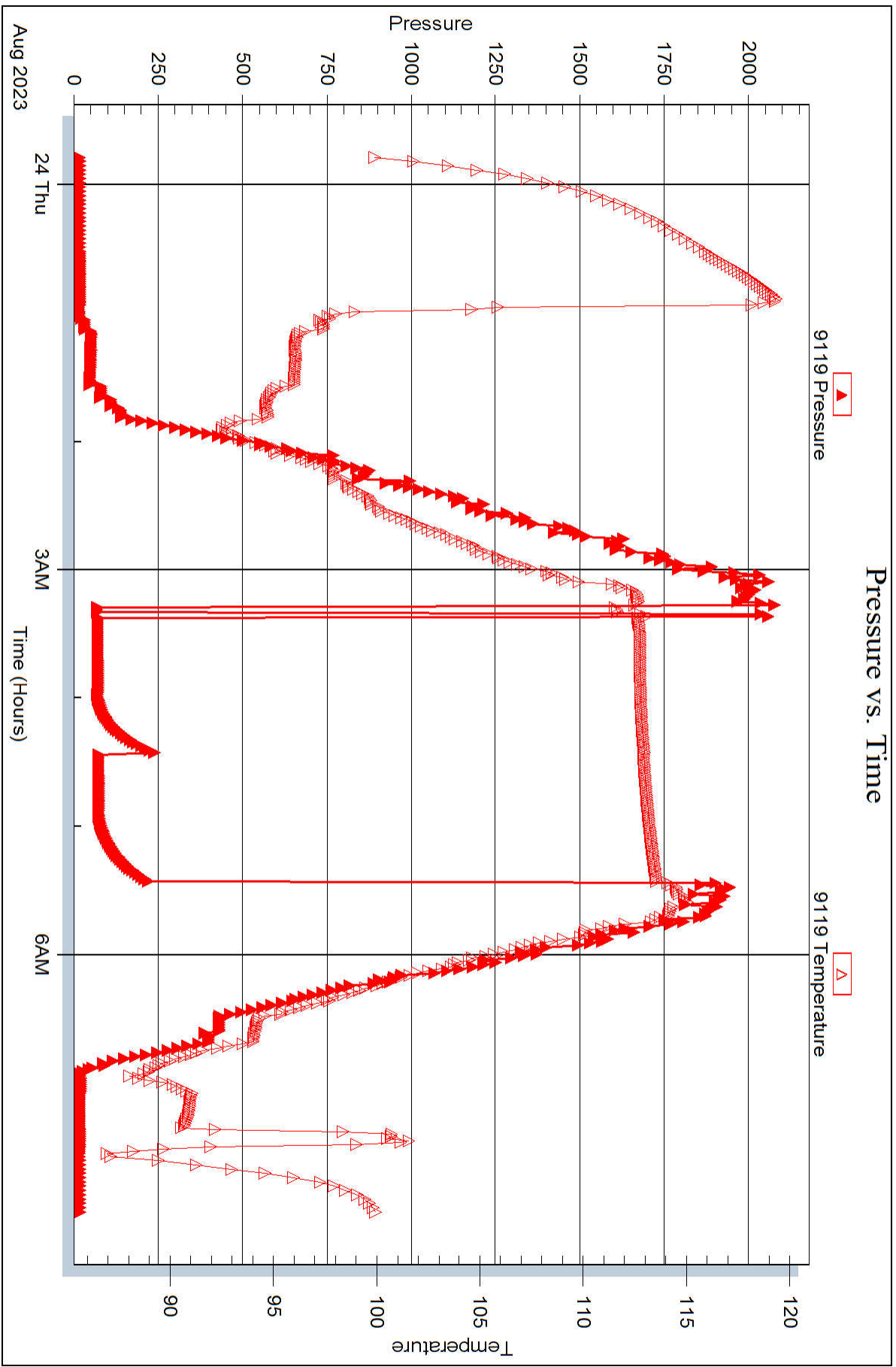
Gas Rates Information

Temperature: 15 (deg C)
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: Chris Leiker & Mike

Hobbs A2-28

Graham NE-SE-NW-NE 28-10-25

Start Date: 2023.08.25 @ 02:35:28

End Date: 2023.08.25 @ 17:20:51

Job Ticket #: 01600 DST #: 4

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

Printed: 2023.08.26 @ 23:43:16



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

ATTN: Chris Leiker & Mike

Job Ticket: 01600

DST#: 4

Test Start: 2023.08.25 @ 02:35:28

GENERAL INFORMATION:

Formation: Lansing K-L

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:21

Time Test Ended: 17:20:51

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 4022.00 ft (KB) To 4092.00 ft (KB) (TVD)

Total Depth: 4092.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2535.00 ft (KB)

2528.00 ft (CF)

KB to GR/CF: 7.00 ft

Serial #: 9119

Press@RunDepth: 97.87 psig @ -999999.00 ft (KB)

Capacity: psig

Start Date: 2023.08.25 End Date: 2023.08.25

Last Calib.: 1899.12.30

Start Time: 02:35:28 End Time: 17:20:51

Time On Btm: 2023.08.25 @ 12:41:21

Time Off Btm: 1899.12.30 @ 00:00:00

TEST COMMENT: 30-30-30-30

No Blow Status - Dead Zone

PRESSURE SUMMARY

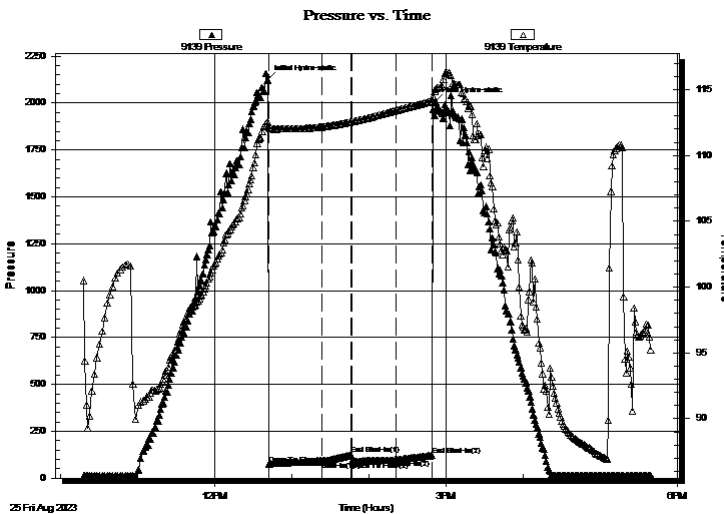


Table with 4 columns: Time (Min.), Pressure (psig), Temp (deg C), Annotation

Recovery

Table with 3 columns: Length (ft), Description, Volume (bbl)

Gas Rates

Table with 4 columns: Choke (inches), Pressure (psig), Gas Rate (Mcf/d)



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.08.25 @ 02:35:28

GENERAL INFORMATION:

Formation: **Lansing K-L**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 12:42:21

Time Test Ended: 17:20:51

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **4022.00 ft (KB) To 4092.00 ft (KB) (TVD)**

Reference Elevations: 2535.00 ft (KB)

Total Depth: 4092.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9139

Outside

Press@RunDepth: 121.31 psig @ 4087.00 ft (KB)

Capacity: psig

Start Date: 2023.08.25

End Date: 2023.08.25

Last Calib.: 1899.12.30

Start Time: 10:18:12

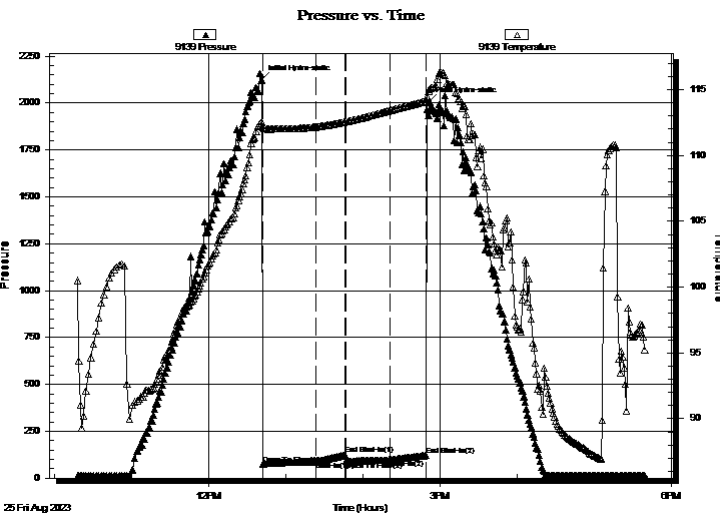
End Time: 17:39:35

Time On Btm: 2023.08.25 @ 12:41:05

Time Off Btm: 2023.08.25 @ 14:51:35

TEST COMMENT: 30-30-30-30

No Blow Status - Dead Zone



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.08.25 @ 02:35:28

Tool Information

Drill Pipe:	Length: 4003.00 ft	Diameter:	inches	Volume: 3888604 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:	75000.00 lb
				Total Volume: - bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:	9.50 ft				String Weight: Initial	62000.00 lb
Depth to Top Packer:	4022.00 ft				Final	62000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	70.00 ft					
Tool Length:	98.50 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			3998.50	-999999.00	
Hydraulic tool	6.00			4004.50	-999999.00	
Jars	4.00			4008.50	-999999.00	
Safety Joint	2.50			4011.00	-999999.00	
Top Packer	6.50			4017.50	-999999.00	
Packer	4.50			4022.00	28.50	Bottom Of Top Packer
Anchor	65.00			4087.00	-999999.00	
Recorder	0.00	9119	Inside	4087.00	-999999.00	
Recorder	0.00	9139	Outside	4087.00	-999999.00	
Bullnose	5.00			4092.00	70.00	Anchor Tool
Total Tool Length:	98.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.08.25 @ 02:35:28

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
8.00	DM	

Total Length: 8.00 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 NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 4

ATTN: Chris Leiker & Mike

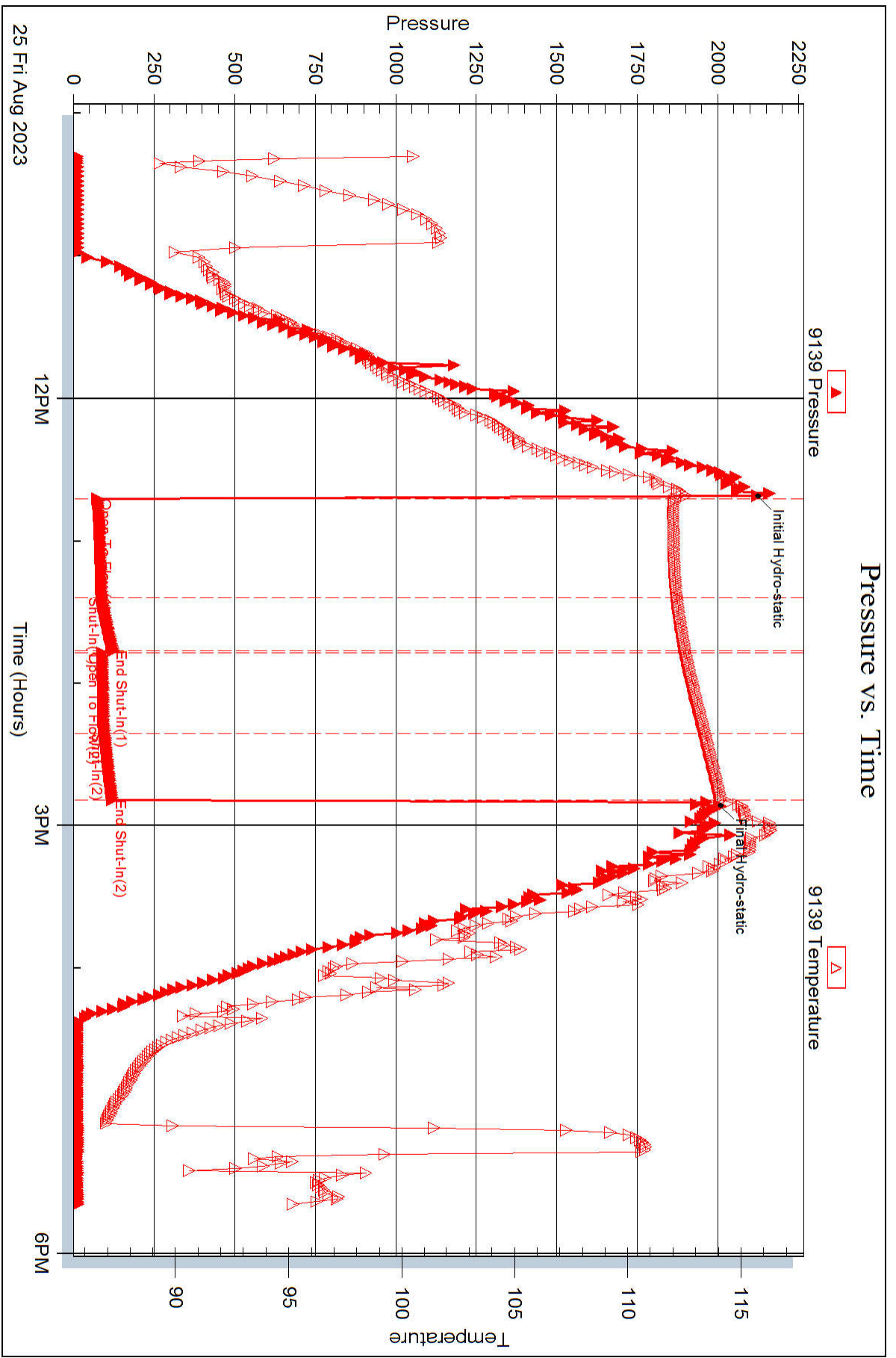
Test Start: 2023.08.25 @ 02:35:28

Gas Rates Information

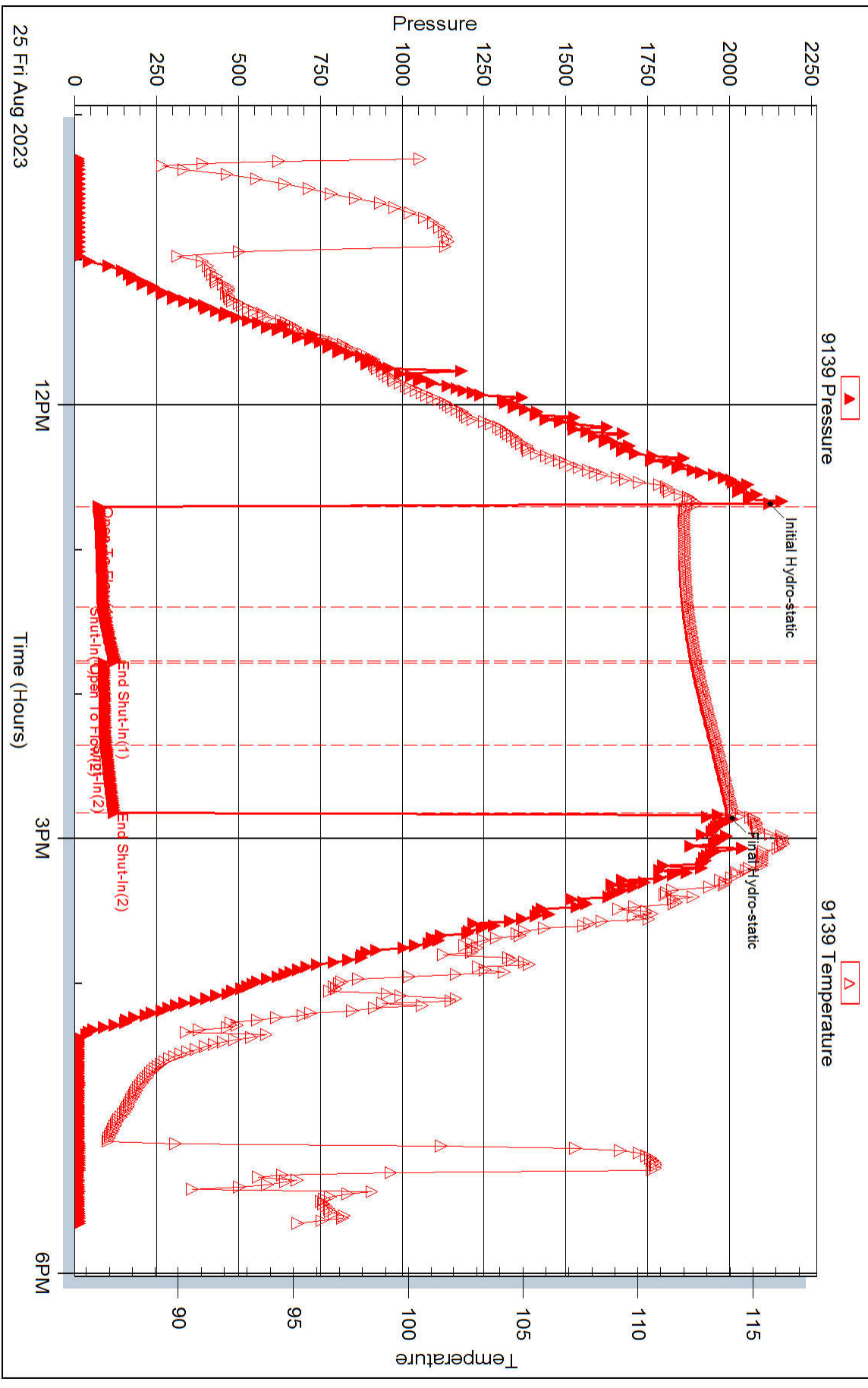
Temperature: 15 (deg C)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

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



Pressure vs. Time





**Company: Satchell Creek
Petroleum, LLC
Lease: Hobbs "A #2-28**

SEC: 28 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 1
Elevation: 2528 GL
Field Name: Ambrose South
Pool: Infield
Job Number: 688
API #: 15-065-24276

Operation:
Well Complete

DATE
August
24
2023

DST #5 **Formation:** Toronto/Lans "F" **Test Interval:** 3812 - 3922' **Total Depth:** 4090'
Time On: 23:55 08/24 Time Off: 07:02 08/25
Time On Bottom: 02:31 08/25 Time Off Bottom: 04:31 08/25

Electronic Volume
Estimate:
143'

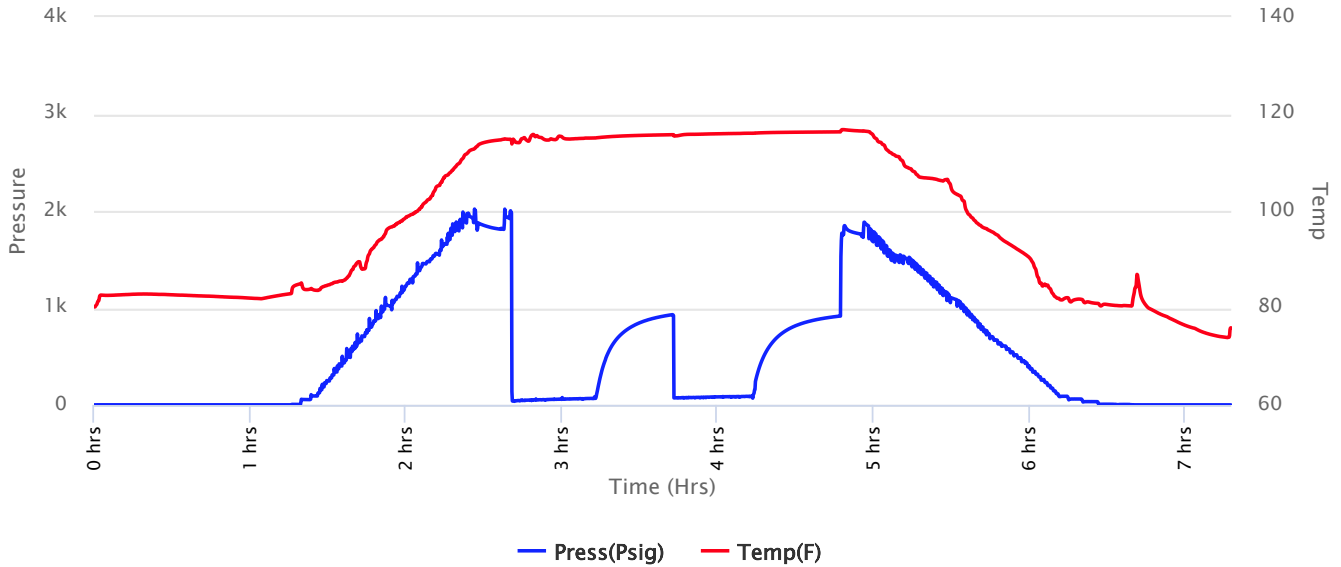
1st Open
Minutes: 30
Current Reading:
4.2" at 30 min
Max Reading: 4.2"

1st Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

2nd Open
Minutes: 30
Current Reading:
.8" at 30 min
Max Reading: .8"

2nd Close
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Hobbs "A #2-28**

SEC: 28 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 1
Elevation: 2528 GL
Field Name: Ambrose South
Pool: Infield
Job Number: 688
API #: 15-065-24276

Operation:
Well Complete

DATE
August
24
2023

DST #5 **Formation:** Toronto/Lans "F" **Test Interval:** 3812 - 3922' **Total Depth:** 4090'
Time On: 23:55 08/24 Time Off: 07:02 08/25
Time On Bottom: 02:31 08/25 Time Off Bottom: 04:31 08/25

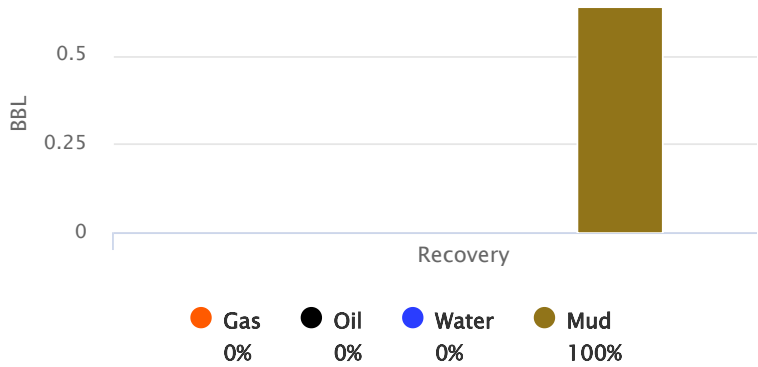
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
130	0.6396	M	0	0	0	100

Total Recovered: 130 ft
Total Barrels Recovered: 0.6396

Reversed Out
NO

Initial Hydrostatic Pressure	1980	PSI
Initial Flow	40 to 68	PSI
Initial Closed in Pressure	931	PSI
Final Flow Pressure	72 to 89	PSI
Final Closed in Pressure	913	PSI
Final Hydrostatic Pressure	1839	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	1.9	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Hobbs "A #2-28**

SEC: 28 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 1
Elevation: 2528 GL
Field Name: Ambrose South
Pool: Infield
Job Number: 688
API #: 15-065-24276

Operation:
Well Complete

DATE
August
24
2023

DST #5 **Formation:** Toronto/Lans "F" **Test Interval:** 3812 - 3922' **Total Depth:** 4090'
Time On: 23:55 08/24 Time Off: 07:02 08/25
Time On Bottom: 02:31 08/25 Time Off Bottom: 04:31 08/25

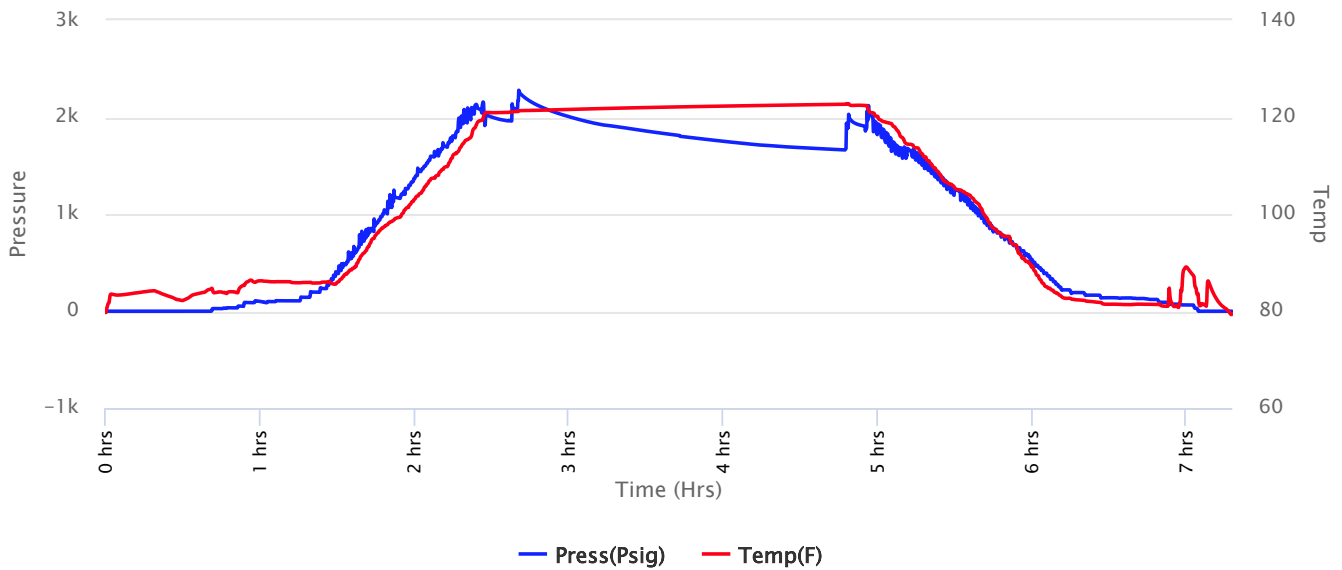
BUCKET MEASUREMENT:

- 1st Open: 2 in. blow building to 4 ins.
- 1st Close: No blow back.
- 2nd Open: Weak, surface blow building to 1/2 in.
- 2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 0% Oil 0% Water 100% Mud

Below Straddle Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Hobbs "A #2-28**

SEC: 28 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 1
Elevation: 2528 GL
Field Name: Ambrose South
Pool: Infield
Job Number: 688
API #: 15-065-24276

Operation:
Well Complete

DATE
August
24
2023

DST #5 **Formation:** Toronto/Lans "F" **Test Interval:** 3812 - 3922' **Total Depth:** 4090'
Time On: 23:55 08/24 Time Off: 07:02 08/25
Time On Bottom: 02:31 08/25 Time Off Bottom: 04:31 08/25

Down Hole Makeup

Heads Up: 5.8600000000001 FT	Packer 1: 3806.5 FT
Drill Pipe: 3605.54 FT <i>ID-3 1/2</i>	Packer 2: 3812 FT
Weight Pipe: FT	Packer 3: 3922 FT
Collars: 178.75 FT <i>ID-2 1/4</i>	Top Recorder: 3795.42 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 3912 FT
Total Anchor: 110	Below Straddle Recorder: 4083 FT
<u>Anchor Makeup</u>	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): 2 FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: .5 FT	
Drill Pipe: (in anchor): 94 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 12 FT <i>4 1/2-FH</i>	
<u>STRADDLE</u>	
Straddle Packer(s): 1 FT	
Change Over: 1 FT	
Drill Pipe: 157 FT <i>ID-3 1/2"</i>	
Change Over: 1 FT	
Perforations (in tail pipe): 8 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC**

Lease: Hobbs "A #2-28

SEC: 28 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 1
Elevation: 2528 GL
Field Name: Ambrose South
Pool: Infield
Job Number: 688
API #: 15-065-24276

Operation:
Well Complete

DATE
August
24
2023

DST #5 **Formation:** **Test Interval: 3812 -** **Total Depth: 4090'**
 Toronto/Lans "F" **3922'**
Time On: 23:55 08/24 Time Off: 07:02 08/25
Time On Bottom: 02:31 08/25 Time Off Bottom: 04:31 08/25

Mud Properties

Mud Type: Chemical **Weight:** 9.3 **Viscosity:** 60 **Filtrate:** 8.0 **Chlorides:** 2,700 ppm



**Company: Satchell Creek
Petroleum, LLC**

Lease: Hobbs "A #2-28

SEC: 28 TWN: 10S RNG: 25W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 1
Elevation: 2528 GL
Field Name: Ambrose South
Pool: Infield
Job Number: 688
API #: 15-065-24276

Operation:
Well Complete

DATE
August
24
2023

DST #5 **Formation:** **Test Interval: 3812 -** **Total Depth: 4090'**
 Toronto/Lans "F" **3922'**

Time On: 23:55 08/24 Time Off: 07:02 08/25
Time On Bottom: 02:31 08/25 Time Off Bottom: 04:31 08/25

Gas Volume Report

1st Open

2nd Open

Time	Orifice	PSI	MCF/D
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Time	Orifice	PSI	MCF/D
------	---------	-----	-------



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs A2-28

Graham NE-SE-NW-NE 28-10-25

Start Date: 2023.08.26 @ 18:25:42

End Date: 2023.08.27 @ 21:31:28

Job Ticket #: 01600 DST #: 5

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

Printed: 2023.08.28 @ 11:05:12



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.08.26 @ 18:25:42

GENERAL INFORMATION:

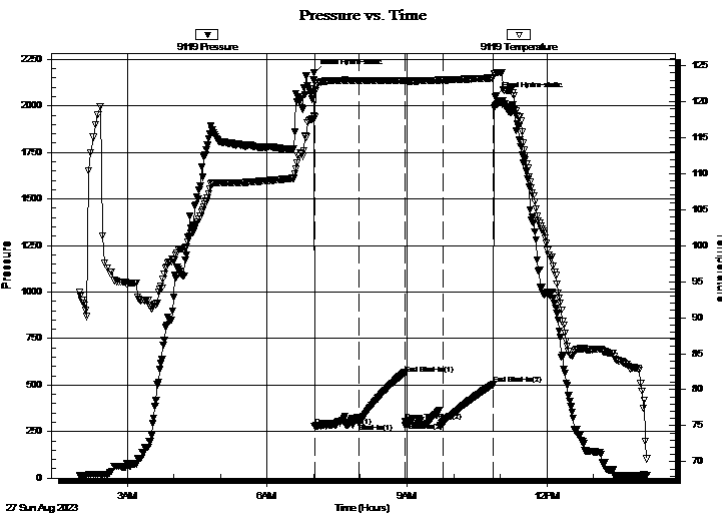
Formation: **Marmaton**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Bottom Hole (Initial)
 Time Tool Opened: 14:23:58
 Tester: Chad F Geist
 Time Test Ended: 21:31:28
 Unit No: 1
 Interval: **4050.00 ft (KB) To 4164.00 ft (KB) (TVD)**
 Reference Elevations: 2535.00 ft (KB)
 Total Depth: 4164.00 ft (KB) (TVD)
 2528.00 ft (CF)
 Hole Diameter: 7.88 inches
 Hole Condition: KB to GR/CF: 7.00 ft

Serial #: 9119

Press@RunDepth: 298.40 psig @ ft (KB) Capacity: psig
 Start Date: 2023.08.27 End Date: 2023.08.27 Last Calib.: 1899.12.30
 Start Time: 01:58:35 End Time: 14:08:28 Time On Btm: 2023.08.27 @ 07:00:28
 Time Off Btm: 2023.08.27 @ 10:53:58

TEST COMMENT: 60-60-60-60

Hit two bridges not far off bottom causing the tool to open prematurely. Once tool opened it broke past bridge and slid 6 ft to bottom.



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	2175.82	118.04	Initial Hydro-static
1	277.12	117.89	Open To Flow (1)
58	294.87	122.95	Shut-In(1)
117	561.64	122.97	End Shut-In(1)
117	305.37	122.92	Open To Flow (2)
167	298.40	122.99	Shut-In(2)
231	504.06	123.32	End Shut-In(2)
234	2048.59	123.99	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
330.00	100% DM	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.08.26 @ 18:25:42

GENERAL INFORMATION:

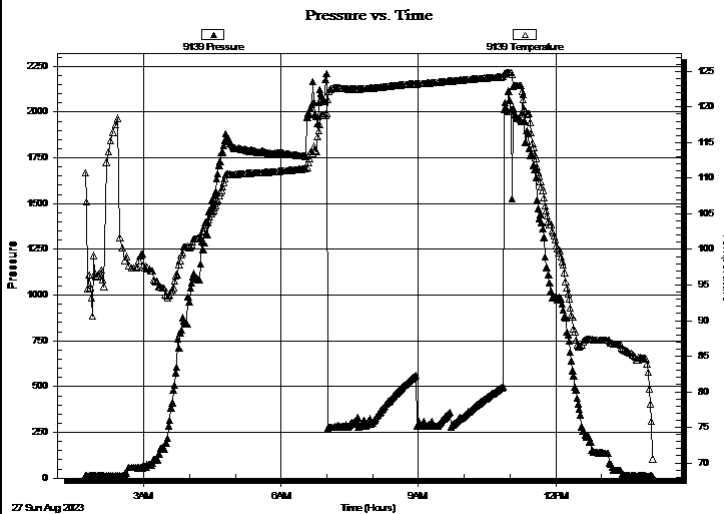
Formation:	Marmaton		
Deviated:	No Whipstock:	ft (KB)	Test Type: Conventional Bottom Hole (Initial)
Time Tool Opened:	14:23:58		Tester: Chad F Geist
Time Test Ended:	21:31:28		Unit No: 1
Interval:	4050.00 ft (KB) To 4164.00 ft (KB) (TVD)	Reference Elevations:	2535.00 ft (KB)
Total Depth:	4164.00 ft (KB) (TVD)		2528.00 ft (CF)
Hole Diameter:	7.88 inches	Hole Condition:	KB to GR/CF: 7.00 ft

Serial #: 9139

Press@RunDepth:	psig @	ft (KB)	Capacity:	psig
Start Date:	2023.08.26	End Date:	2023.08.27	Last Calib.:
Start Time:	11:02:10	End Time:	14:07:26	Time On Btm:
				Time Off Btm:

TEST COMMENT: 60-60-60-60

Hit two bridges not far off bottom causing the tool to open prematurely. Once tool opened it broke past bridge and slid 6 ft to bottom.



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
330.00	100% DM	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.08.26 @ 18:25:42

Tool Information

Drill Pipe:	Length: 4040.00 ft	Diameter:	inches	Volume: 3924547 bbl	Tool Weight:	10000.00 lb
Heavy Wt. Pipe:	Length: ft	Diameter:	inches	Volume: - bbl	Weight set on Packer:	30000.00 lb
Drill Collar:	Length: ft	Diameter:	inches	Volume: - bbl	Weight to Pull Loose:	100000.0 lb
				Total Volume: - bbl	Tool Chased	15.00 ft
Drill Pipe Above KB:	18.50 ft				String Weight: Initial	62000.00 lb
Depth to Top Packer:	4050.00 ft				Final	66000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	114.50 ft					
Tool Length:	143.00 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			4026.50	
Hydraulic tool	6.00			4032.50	
Jars	4.00			4036.50	
Safety Joint	2.50			4039.00	
Top Packer	6.50			4045.50	
Packer	4.50			4050.00	28.50 Bottom Of Top Packer
Change Over Sub	0.75			4050.75	
Drill Pipe	63.00			4113.75	
Change Over Sub	0.75			4114.50	
Anchor	45.00			4159.50	
Recorder	0.00	9119	Inside	4159.50	
Recorder	0.00	9139	Outside	4159.50	
Bullnose	5.00			4164.50	114.50 Anchor Tool

Total Tool Length: 143.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.08.26 @ 18:25:42

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: 2200.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
330.00	100% DM	

Total Length: 330.00 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 NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.08.26 @ 18:25:42

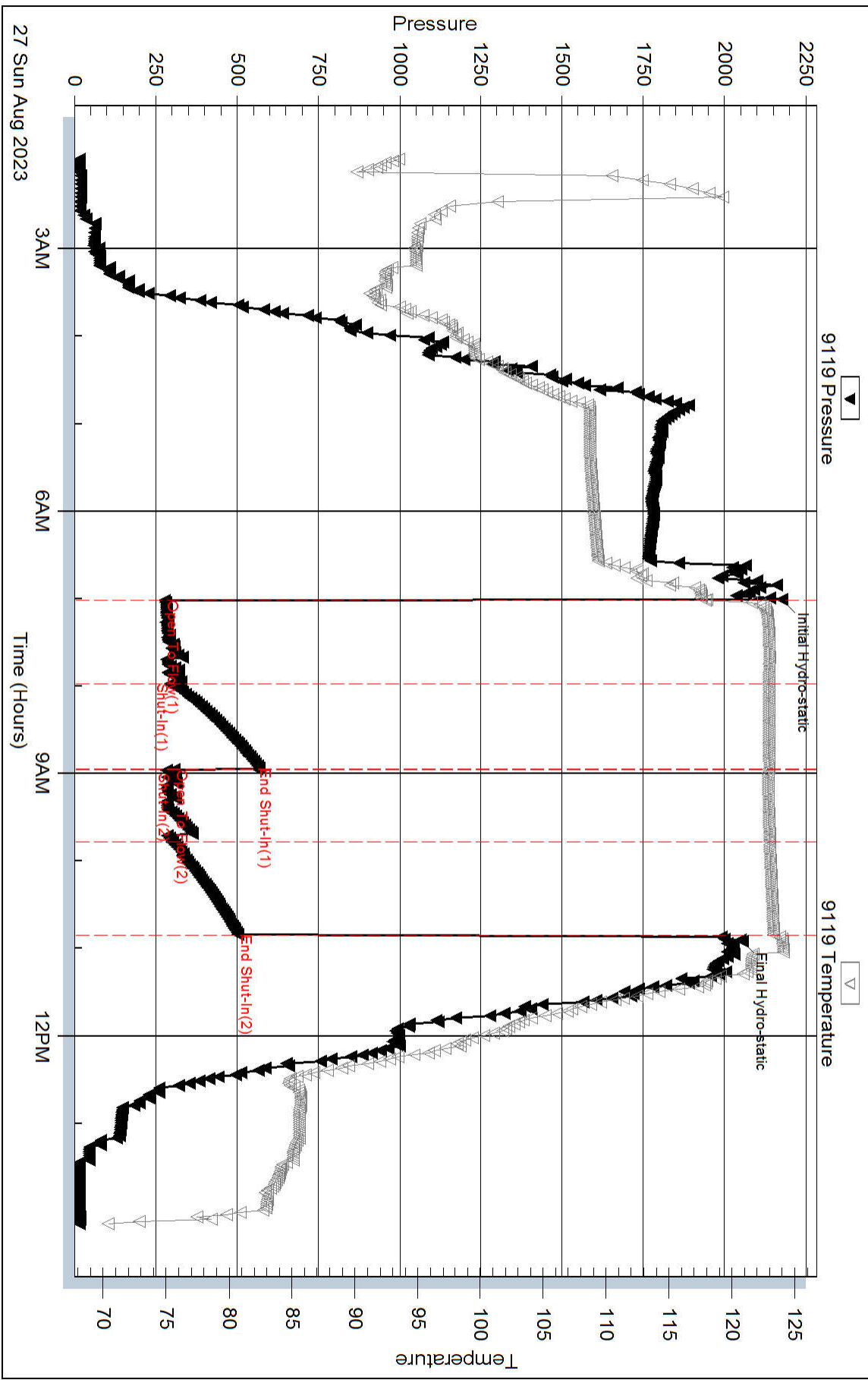
Gas Rates Information

Temperature: 15 (deg C)
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

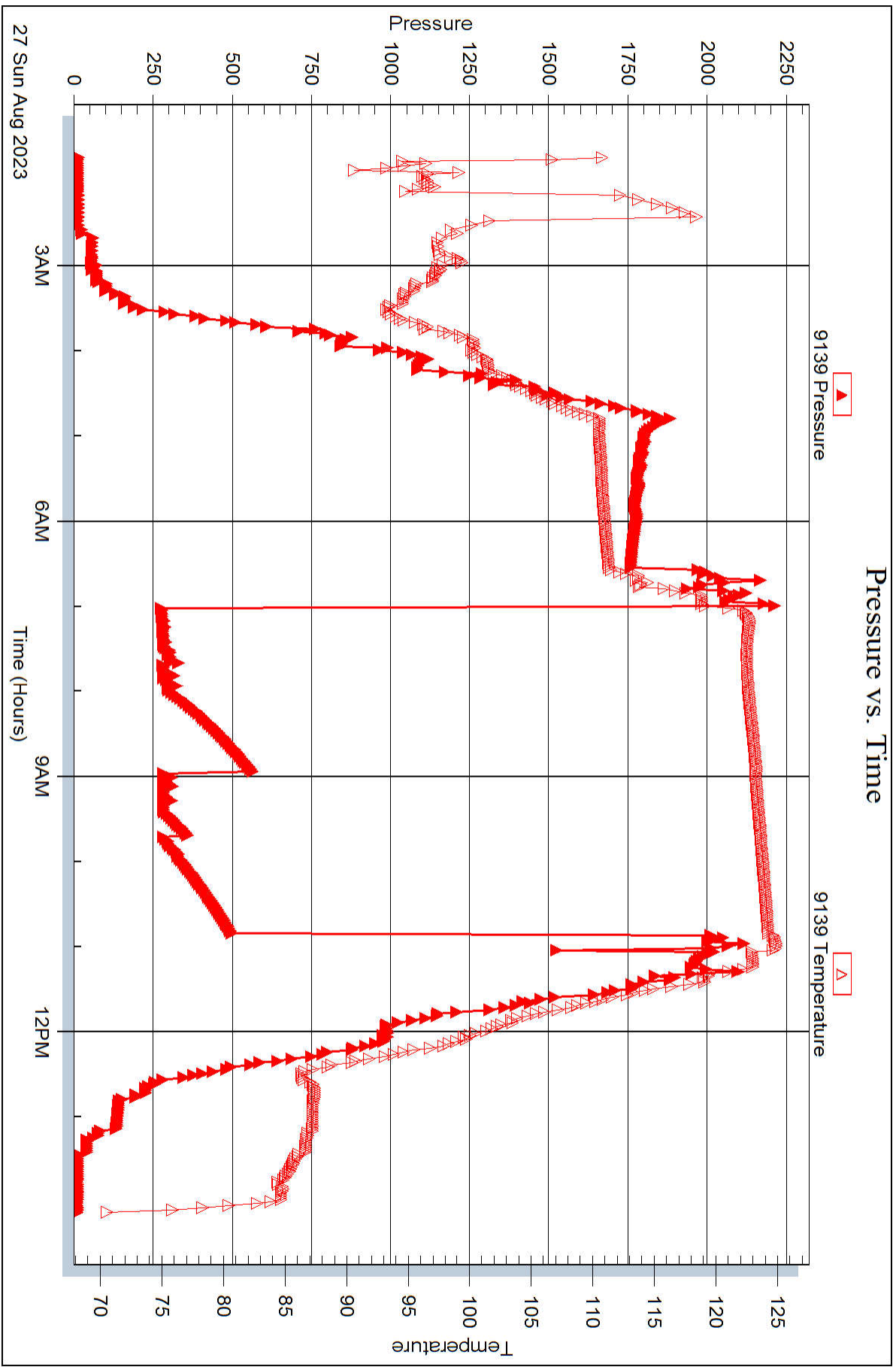


Serial #: 9139

Satchell Creek Petroleum

Hobbs A2-28

DST Test Number: 5



Eagle Testers

Ref. No: 01600

Printed: 2023.08.28 @ 11:05:18



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs A2-28

Graham NE-SE-NW-NE 28-10-25

Start Date: 2023.08.27 @ 11:41:07

End Date: 2023.08.27 @ 18:58:06

Job Ticket #: 01600 DST #: 6

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

Printed: 2023.08.28 @ 11:01:08



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 6

ATTN: Chris Leiker & Mike

Test Start: 2023.08.27 @ 11:41:07

GENERAL INFORMATION:

Formation: **Cherokee - BPS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:27:37

Time Test Ended: 18:58:06

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 4305.00 ft (KB) To 4400.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 4478.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9139

Press@RunDepth: 249.50 psig @ ft (KB)

Capacity: psig

Start Date: 2023.08.27

End Date: 2023.08.27

Last Calib.: 1899.12.30

Start Time: 11:41:07

End Time: 18:58:06

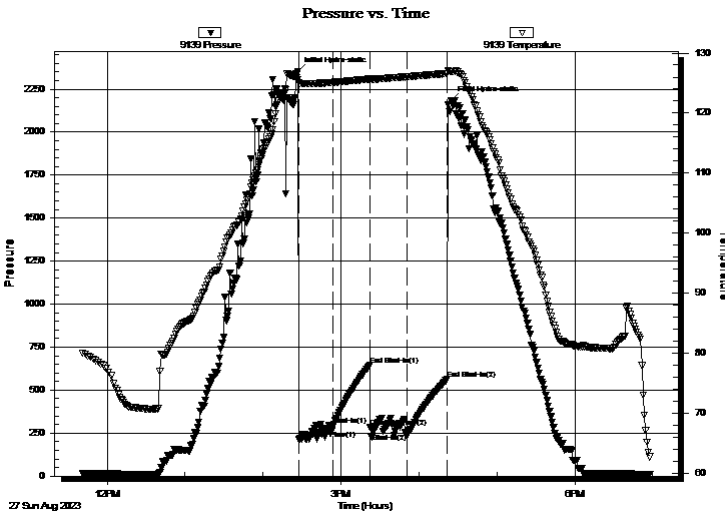
Time On Btm: 2023.08.27 @ 14:26:37

Time Off Btm: 2023.08.27 @ 16:24:37

TEST COMMENT: 30-30-30-30

Initial Opening:
Blow back:

PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg C)	Annotation
0	2353.84	125.62	Initial Hydro-static
1	214.96	125.02	Open To Flow (1)
28	294.31	125.11	Shut-In(1)
56	644.66	125.66	End Shut-In(1)
56	282.86	125.58	Open To Flow (2)
85	249.50	126.04	Shut-In(2)
115	562.20	126.58	End Shut-In(2)
118	2185.13	126.88	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
248.00	100% DM	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

3032 N Cortina
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Graham NE-SE-NW-NE 28-10-25

Hobbs A2-28

Job Ticket: 01600

DST#: 6

Test Start: 2023.08.27 @ 11:41:07

GENERAL INFORMATION:

Formation: **Cherokee - BPS**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:27:37

Time Test Ended: 18:58:06

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 4305.00 ft (KB) To 4400.00 ft (KB) (TVD)

Reference Elevations: 2535.00 ft (KB)

Total Depth: 4478.00 ft (KB) (TVD)

2528.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 7.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB)

Capacity: psig

Start Date: 2023.08.27

End Date: 2023.08.27

Last Calib.: 1899.12.30

Start Time: 11:17:15

End Time: 18:57:15

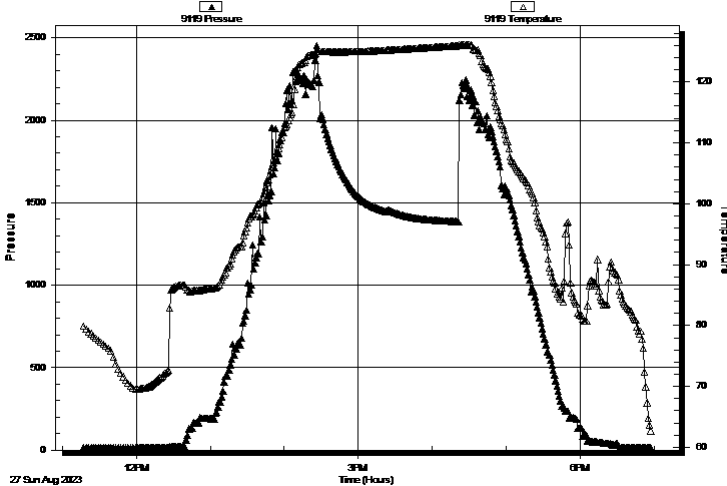
Time On Btm:

Time Off Btm:

TEST COMMENT: 30-30-30-30

Initial Opening:
Blow back:

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
248.00	100% DM	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 6

ATTN: Chris Leiker & Mike

Test Start: 2023.08.27 @ 11:41:07

Tool Information

Drill Pipe:	Length:	ft	Diameter:	inches	Volume:	- 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:	83000.00 lb
					Total Volume:	- bbl	Tool Chased	8.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	67000.00 lb
Depth to Top Packer:		ft					Final	68500.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	199.00	ft						
Number of Packers:	3		Diameter:	6.75	inches			
Tool Comments:								

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

Shut In Tool	5.00			5.00	
Hydraulic tool	5.00			10.00	
Jars	5.00			15.00	
Safety Joint	2.00			17.00	
top Packer - Shale	5.00			22.00	
Packer - Shale	5.00			27.00	
Change Over Sub	0.75			27.75	
Drill Pipe	62.00			89.75	
Change Over Sub	0.75			90.50	
Anchor	25.00			115.50	
Recorder	0.00		Inside	115.50	
Recorder	0.00		Outside	115.50	
Blank Off Sub	1.00			116.50	
Packer - Shale	5.00			121.50	
Change Over Sub	0.75			122.25	
Drill Pipe	62.00	9119	Inside	184.25	
Change Over Sub	0.75	9139	Outside	185.00	
Anchor	9.00			194.00	
Recorder	0.00			194.00	
Bullnose	5.00			199.00	199.00
					Anchor Tool

Total Tool Length: 199.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 6

ATTN: Chris Leiker & Mike

Test Start: 2023.08.27 @ 11:41:07

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: 2200.00 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: ppm

deg API

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
248.00	100% DM	

Total Length: 248.00 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 NE-SE-NW-NE 28-10-25

3032 N Cortina
Wichita, KS 67205

Hobbs A2-28

Job Ticket: 01600

DST#: 6

ATTN: Chris Leiker & Mike

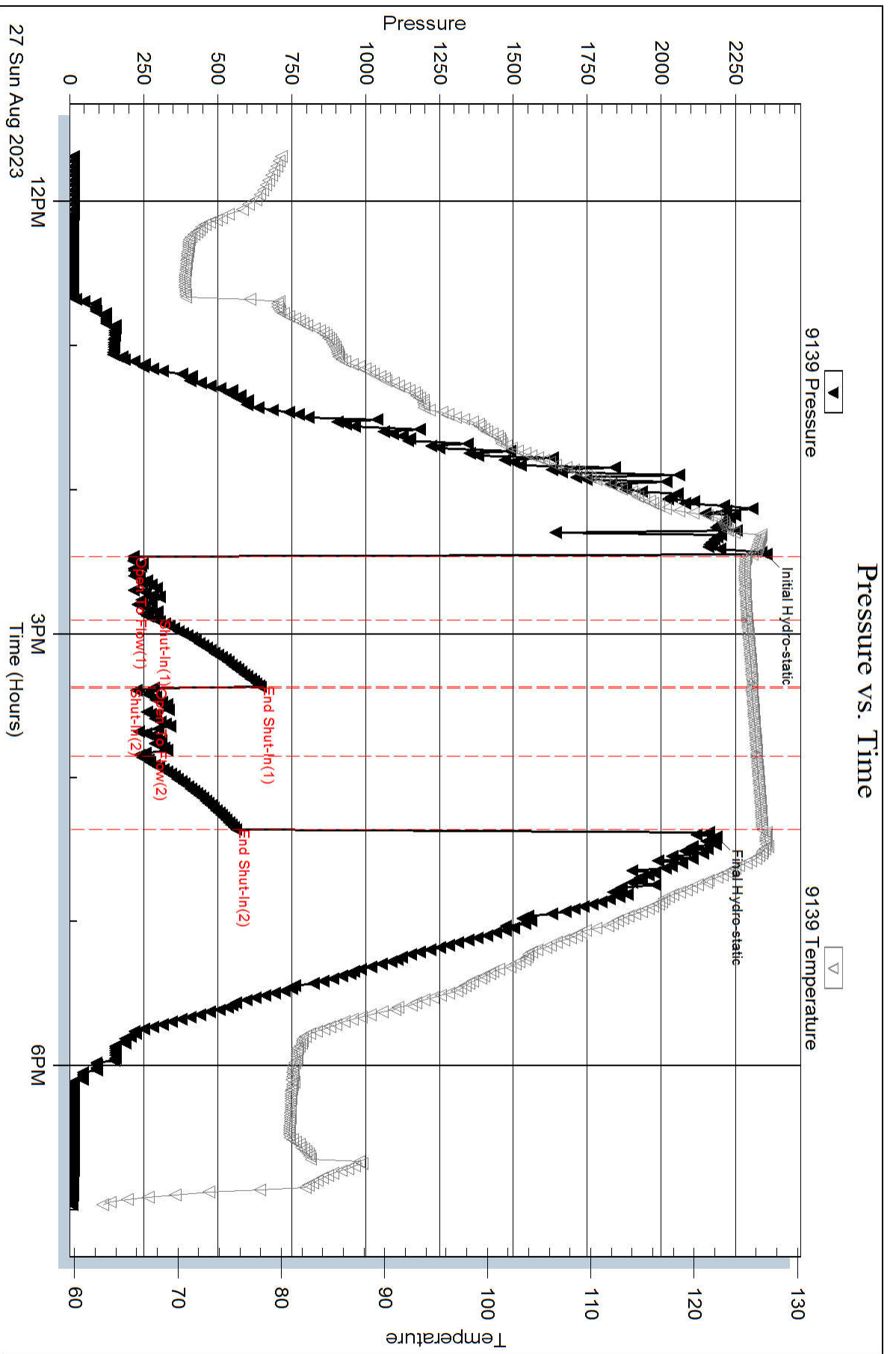
Test Start: 2023.08.27 @ 11:41:07

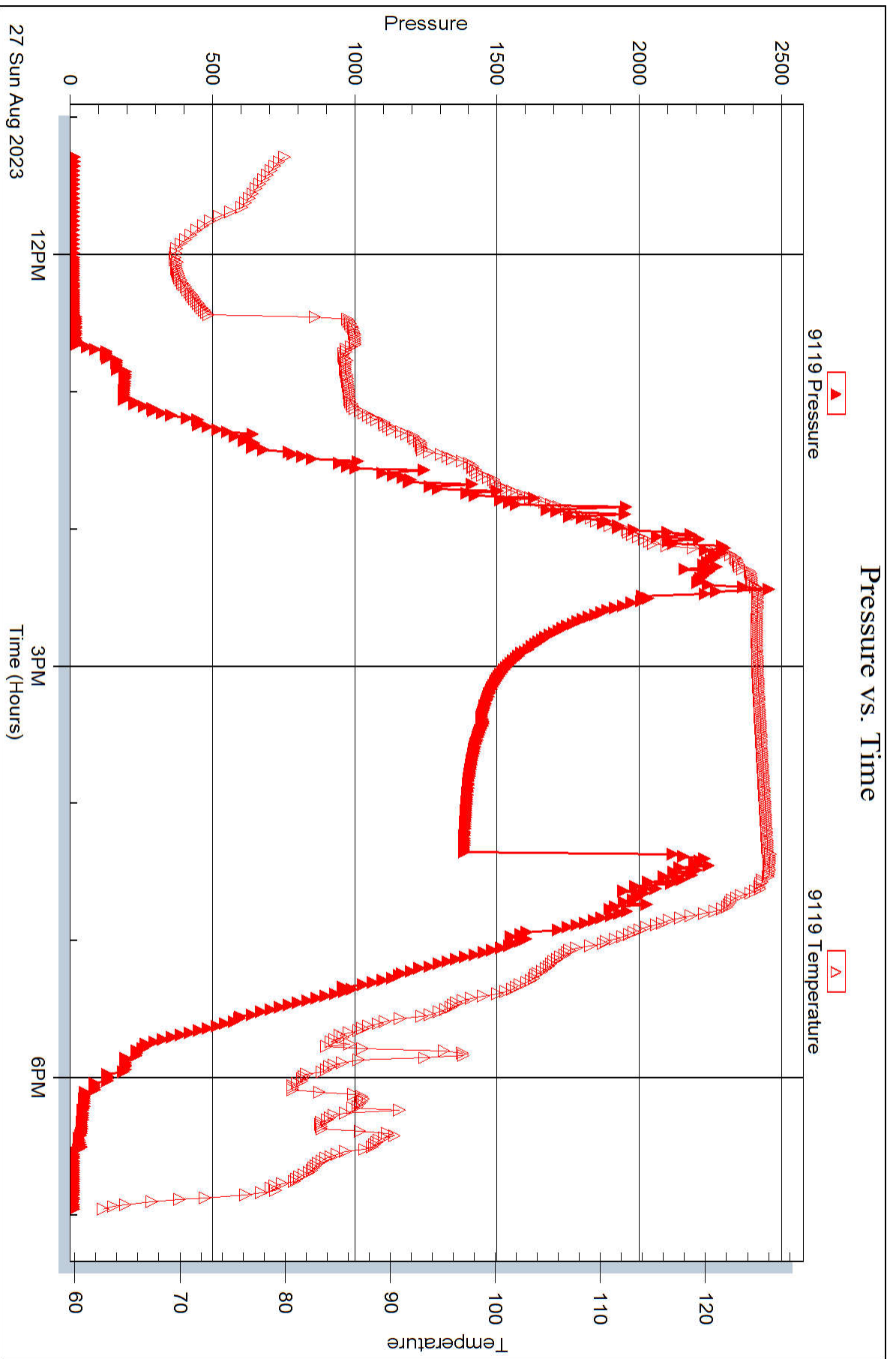
Gas Rates Information

Temperature: 15 (deg C)
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





Sean P. Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT

DRILLING TIME AND SAMPLE LOG

COMPANY **Satchell Creek Petroleum, LLC**
 LEASE **Hobbs A #2-28**

FIELD **Wildcat**
 LOCATION **726 FNL & 1526 FHL**
 SEC **28** TWPSP **10S** RGE **25W**
 COUNTY **Graham** STATE **Kansas**

CONTRACTOR **Duke Drilling Rig #4**
 SPUD **8/18/23** COMP **8/26/23**
 RTD **4090'** LTD **4085'**
 MUD UP **3300'** TYPE MUD **Chemical**

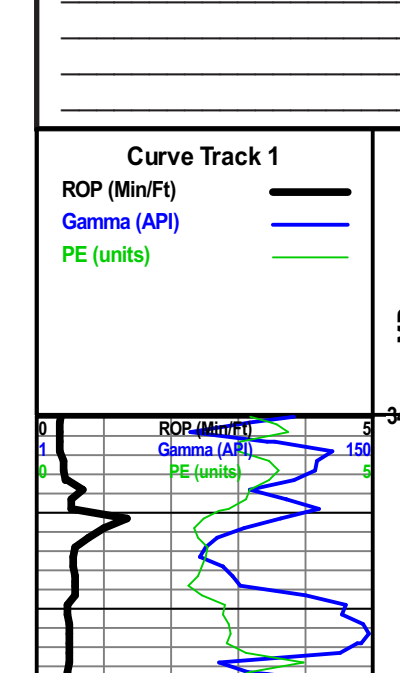
SAMPLES SAVED FROM **3600'** TO **RTD**
 DRILLING TIME KEPT FROM **3600'** TO **RTD**
 SAMPLES EXAMINED FROM **3400'** TO **RTD**

GEOLOGICAL SUPERVISION FROM **3400'**
 REFERENCE WELL **CND/DIL. Midwest**
MICROSON

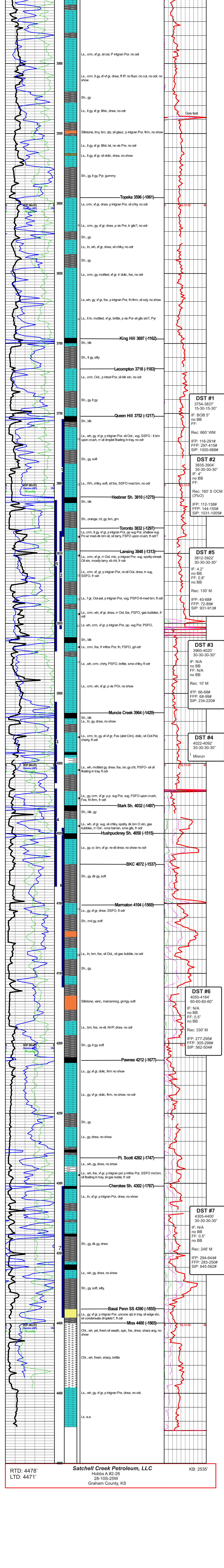
ELEVATIONS
KB 2535'
DF
GL 2528'
 Measurements Are All From Kelly Bushing

CASING
 CONDUCTOR
 SURFACE **8-5/8"** at **220'**
 PRODUCTION **5-5/8"** at **1TD***
ELECTRICAL SURVEYS
CND/DIL. Midwest
MICROSON

Formation	Sample Tops	E-log Tops	Struct. Fes.
Heebner Sh.		3752 (-1217)	
Lansing		3848 (-1313)	
Stark Sh.		4032 (-1497)	
Pawnee		4212 (-1677)	
Miss		4400 (-1865)	



REMARKS The Hobbs #2-28 will be further evaluated through 5.5" casing.
 Respectfully Submitted,
 Sean P. Deenihan



DST #1
 3754-3837'
 15-30-15-30"
 IF: BOB 5"
 no BB
 FF:
 Rec: 660' WM
 IFF: 116-291#
 FFP: 297-415#
 SIP: 1000-988#

DST #2
 3835-3904'
 30-30-30-30"
 IF: 4"
 no BB
 FF:
 Rec: 160' S OCM (3%O)
 IFF: 112-138#
 FFP: 144-155#
 SIP: 1031-1005#

DST #5
 3812-3922'
 30-30-30-30"
 IF: 4.2"
 no BB
 FF: 0.8"
 no BB
 Rec: 130' M
 IFF: 40-68#
 FFP: 72-89#
 SIP: 931-913#

DST #3
 3960-4020'
 30-30-30-30"
 IF: N/A
 no BB
 FF: N/A
 no BB
 Rec: 10' M
 IFF: 66-68#
 FFP: 68-99#
 SIP: 234-220#

DST #4
 4022-4092'
 30-30-30-30"
 Misrun

DST #6
 4050-4164'
 60-60-60-60"
 IF: N/A
 no BB
 FF: 0.5"
 no BB
 Rec: 330' M
 IFF: 277-295#
 FFP: 305-298#
 SIP: 562-504#

DST #7
 4305-4400'
 30-30-30-30"
 IF: N/A
 no BB
 FF: 0.5"
 no BB
 Rec: 248' M
 IFF: 294-644#
 FFP: 283-250#
 SIP: 645-562#

COPELAND

Acid & Cement

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

INVOICE NUMBER:
C61011-IN

BILL TO:
SATCHELL CREEK EXPLORATION
4320 VINE, SUITE 80
PMB386
HAYS, KS 67601

LEASE: HOBBS 2-28

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
02/19/2024	61011		02/13/2024	HOBBS 2-28	NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
200.00	MI	MILEAGE PICKUP		0.00	4.00	800.00
200.00	MI	MILEAGE CEMENT PUMP TRUCK		0.00	6.00	1,200.00
1.00	EA	PUMP CHARGE		0.00	1,650.00	1,650.00
395.00	SK	60/40 POZ MIX 2% GEL		0.00	17.50	6,912.50
7.00	SK	2% ADDITIONAL GEL		0.00	28.00	196.00
11.00	SK	GEL ON THE SIDE		0.00	28.00	308.00
700.00	LB	COTTONSEED HULLS		0.00	0.60	420.00
1,863.00	EA	BULK CHARGE		0.00	1.25	2,328.75
420.00	MI	BULK TRUCK - TON MILES		0.00	1.10	462.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		14,277.25
RECEIVED BY _____		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		GRHCO Sales Tax:		1,070.79
		NET 30 DAYS		Invoice Total:		15,348.04

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service

Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



FIELD ORDER N° C 61011

BOX 438 - HAYSVILLE, KANSAS 67060 316-524-1225

DATE 13-Feb 20 24

IS AUTHORIZED BY: SATCHELL CREEK (NAME OF CUSTOMER)
Address City State KS
TO TREAT WELL
AS FOLLOWS Lease HOBBS Well No. 2-28 Customer Order No.
Sec. Twp.
Range County GRAHAM State KS

CONDITIONS As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk...
The undersigned represents himself to be duly authorized to sign this order for well owner or operator

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED By Well Owner or Operator Agent

Table with 5 columns: CODE, QUANTITY, DESCRIPTION, UNIT COST, AMOUNT. Rows include items like Mileage P.U., Mileage P.T., PUMP CHARGE, 60/40 Poz 2% Gel, Add. Gel after 2% Per Sack, Gel on side per sack, Hulls per lb., Bulk Charge, Bulk Truck Miles, and a TOTAL BILLING row.

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative GREG C.

Station GB TAYLOR LEIKER Well Owner, Operator or Agent

Remarks NET 30 DAYS

COPELAND

Acid & Cement

POST OFFICE BOX 438
 HAYSVILLE, KS 67060
 (316) 524-1225
 (316) 524-1027 FAX

Invoice

Page: 1

BURRTON, KS ♦ GREAT BEND, KS
 (620) 463-5161 (620) 793-3366
 FAX (620) 463-2104 FAX (620) 793-3536

INVOICE NUMBER:
C61014-IN

BILL TO:
SATCHELL CREEK EXPLORATION
4320 VINE, SUITE 80
PMB386
HAYS, KS 67601

LEASE: HOBBS 2-28

DATE	ORDER	SALESMAN	ORDER DATE	PURCHASE ORDER	SPECIAL INSTRUCTIONS	
02/19/2024	61014		02/16/2024	HOBBS 2-28	NET 30	
QUANTITY	U/M	ITEM NO./DESCRIPTION		D/C	PRICE	EXTENSION
200.00	MI	MILEAGE CEMENT PUMP TRUCK		0.00	6.00	1,200.00
200.00	MI	MILEAGE BULK TRUCK		0.00	6.00	1,200.00
REMIT TO: P.O. BOX 438 HAYSVILLE, KS 67060		COP		Net Invoice:		2,400.00
RECEIVED BY _____		FUEL SURCHARGE IS NOT TAXABLE AND IS ADDED TO MILEAGE, PUMP AND OR DELIVERY CHARGES ONLY.		GRHCO Sales Tax:		180.00
				Invoice Total:		2,580.00
		NET 30 DAYS				

There will be a charge of 1.5% "per month" (18% annual rate) on all accounts over 30 days pas

Copeland Acid & Cement is a subsidiary of Gressel Oil Field Service

Gressel Oil Field Service reserves a security interest in the goods sold until the same are paid for in full and reserve all the rights of a secured party under the Uniform Commercial Code.



FIELD ORDER N° C 61014

BOX 438 - HAYSVILLE, KANSAS 67060
316-524-1225

DATE 16-Feb 20 24

IS AUTHORIZED BY: SATCHELL CREEK (NAME OF CUSTOMER)

Address _____ City _____ State KS

TO TREAT WELL AS FOLLOWS Lease HOBBS Well No. 2-28 Customer Order No. _____

Sec. Twp. _____ Range _____ County GRAHAM State KS

CONDITIONS: As a part of the consideration hereof it is agreed that Copeland Acid is to service or treat at owners risk, the hereinbefore mentioned well and is not to be held liable for any damage that may accrue in connection with said service or treatment. Copeland Acid Service has made no representation, expressed or implied, and no representations have been relied on as to what may be the results or effect of the servicing or treating said well. The consideration of said service or treatment is payable. There will be no discount allowed subsequent to such date. 6% interest will be charged after 60 days. Total charges are subject to correction by our invoicing department in accordance with latest published price schedules.

The undersigned represents himself to be duly authorized to sign this order for well owner or operator.

THIS ORDER MUST BE SIGNED BEFORE WORK IS COMMENCED

Well Owner or Operator

By

Agent

CODE	QUANTITY	DESCRIPTION	UNIT COST	AMOUNT
20.0002	200	Mileage P.T.	\$6.00	\$1,200.00
20.0002	200	MILEAGE BULK TRUCK	\$6.00	\$1,200.00
		Process License Fee on	Gallons	
TOTAL BILLING				\$2,400.00

I certify that the above material has been accepted and used; that the above service was performed in a good and workmanlike manner under the direction, supervision and control of the owner, operator or his agent, whose signature appears below.

Copeland Representative GREG C.

Station GB

TODD DINKEL

Well Owner, Operator or Agent

Remarks _____

NET 30 DAYS