

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	HOBBS A 10-34
Doc ID	1738902

All Electric Logs Run

BHV
DIL
MEL
DUCP

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	HOBBS A 10-34
Doc ID	1738902

Tops

Name	Top	Datum
King Hill Shale	3660	-1182
Heebner	3770	-1292
Toronto	3792	-1314
Lansing	3810	-1332
BKC	3997	-1519
Cherokee	4177	-1699
Mississippi	4390	-1912
Arbuckle	4460	-1982

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	HOBBS A 10-34
Doc ID	1738902

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	220	Class A	165	2% gel; 3% cc
Production	7.875	5.5	15	4533	H-LD	280	50% F; .1% FL

◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 1070
LOCATION 4

LOCATION Maxie
FOREMAN Tom Williams
PORT

FIELD TICKET & TREATMENT REPORT

WELL IDENTIFICATION & TREATMENT REPORT				FOREMAN <u>Tam Williams</u>		
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-15-23	35970	Hobbs A 10-34	34	10	25	Graham
CUSTOMER <u>Satchell Creek Petroleum LLC</u>			TRUCK #	DRIVER	TRUCK #	DRIVER
MAILING ADDRESS			103	Chris K		
CITY			201	Tam W		
STATE						
ZIP CODE						
JOB TYPE <u>Surface</u>	HOLE SIZE <u>18 3/4"</u>	HOLE DEPTH <u>2251</u>	CASING SIZE & WEIGHT <u>8 5/8" 23#</u>			
CASING DEPTH <u>220'</u>	DRILL PIPE	TUBING	OTHER			
SLURRY WEIGHT	SLURRY VOL	WATER gal/sk	CEMENT LEFT in CASING			
DISPLACEMENT	DISPLACEMENT PSI	MIX PSI	RATE			
REMARKS: <u>Safety meeting + set up on Fracture # 6 Circulate made</u>						
<u>Mix 165 sl surface blend. Displace 13 Bbl + shut in 5:45pm</u>						
<u>Cement did circulate</u>						

Thanks Tom & Chris

[illegible]

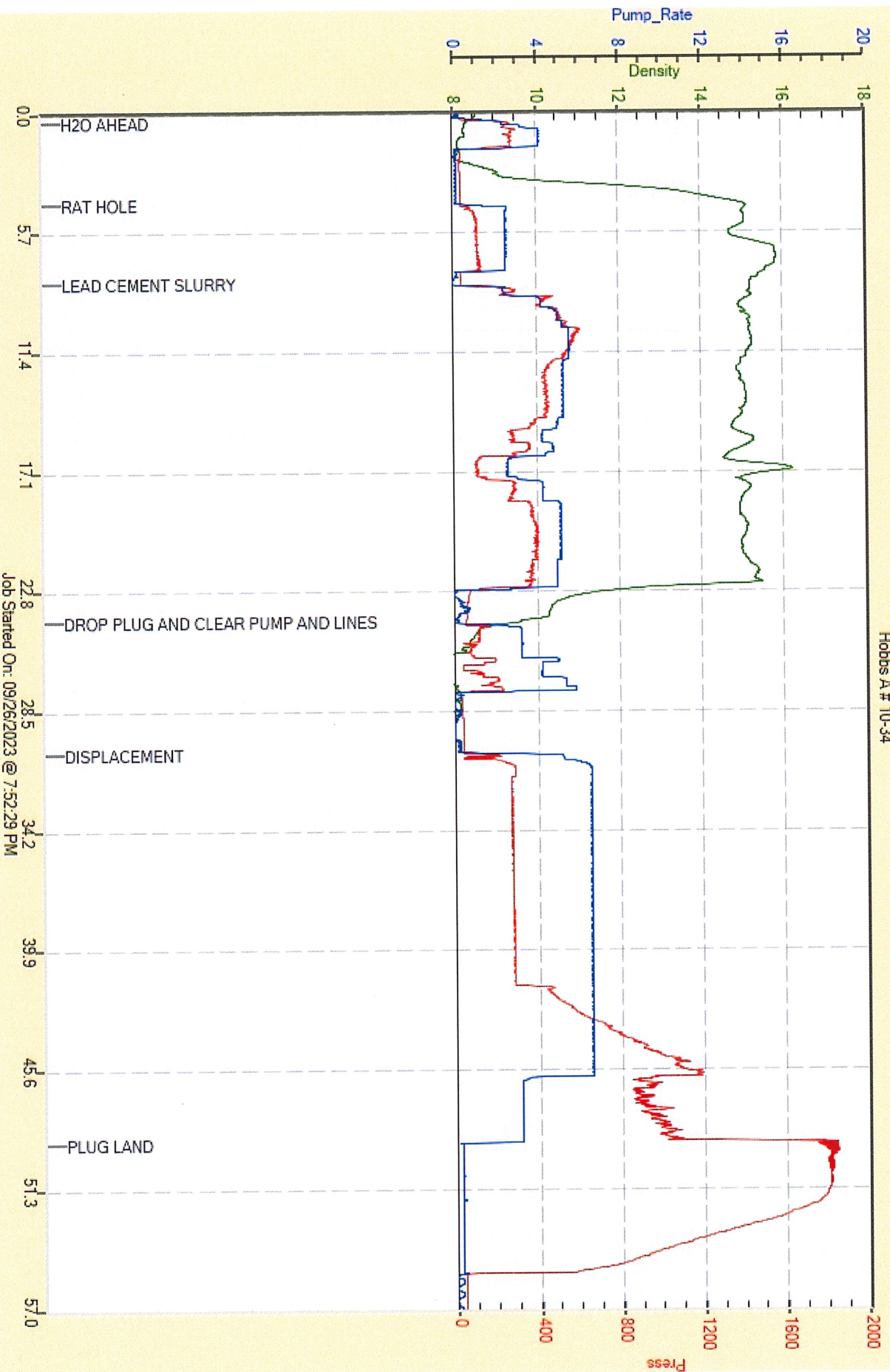
AUTHORIZATION Coastal

TITLE

DATE _____

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

Satchell Creek
Hobbs A # 10-34



QUA

INC.

Federal Tax ID: # 28-2000101

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

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

No. 3791

Date <u>10-4-23</u>	Sec.	Twp.	Range	County <u>Graham</u>	State <u>Ks</u>	On Location	Finish
Lease <u>Hobbs</u>				Well No <u>A-10-34</u>		Owner	
Contractor <u>PROFESSIONAL</u>				To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cement and helper to assist owner or contractor to do work as listed.			
Type Job <u>PORT COLLAR</u>				Charge To <u>Satchell Creek</u>			
Hole Size				T.D.		Street	
Csg.				Depth		City	
Tbg. Size				Depth		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 <u>5000 QMDC 1/2" Flowseal</u>	
Meas Line				Displace		<u>6c1</u>	
EQUIPMENT				Common			
Pumptrk <u>17</u>	No.	Cementer	<u>Bill</u>	Poz. Mix			
		Helper		Gel.			
Bulktrk	No.	Driver	<u>PICK</u>	Calcium			
Bulktrk <u>19</u>	No.	Driver	<u>CORF</u>	Hulls			
JOB SERVICES & REMARKS				Salt			
Remarks:				Flowseal			
Rat Hole				Kol-Seal			
Mouse Hole				Mud CLR 48			
Centralizers				CFL-117 or CD110 CAF 38			
Baskets				Sand			
DNV or Port Collar				Handling			
<u>P.C. e TEST 1000# OK</u>				Mileage			
<u>pump of 6c1 900 #</u>				FLOAT EQUIPMENT			
<u>Cement w/ 4500 #</u>				Guide Shoe			
<u>Cement Did Circ.</u>				Centralizer			
<u>Run five Jts Circ Clean</u>				Baskets			
				AFU Inserts			
				Float Shoe			
				Latch Down			
				Pumptrk Charge			
				Mileage			
				Tax			
				Discount			
				Total Charge			

X
Signature



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs #10-34

Graham 34-10S-25W

Start Date: 2023.09.20 @ 01:17:25

End Date: 2023.09.20 @ 10:21:25

Job Ticket #: 01604 DST #: 1

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

Printed: 2023.09.26 @ 11:25:35

Satchell Creek Petroleum

Graham 34-10S-25W

Hobbs #10-34

DST # 1

Toronto - Lansing F

2023.09.20



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

ATTN: Chris Leiker & Mike

Job Ticket: 01604

DST#: 1

Test Start: 2023.09.20 @ 01:17:25

GENERAL INFORMATION:

Formation: **Toronto - Lansing F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:40:25

Time Test Ended: 10:21:25

Interval: **3769.00 ft (KB) To 3902.00 ft (KB) (TVD)**

Total Depth: 3902.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad Geist

Unit No: 1

Reference Elevations: 2479.00 ft (KB)

2471.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 318.99 psig @ ft (KB)

Start Date: 2023.09.20

End Date:

2023.09.20

Start Time: 04:23:25

End Time:

10:58:25

Capacity: psig

Last Calib.: 1899.12.30

Time On Btm: 2023.09.20 @ 06:38:55

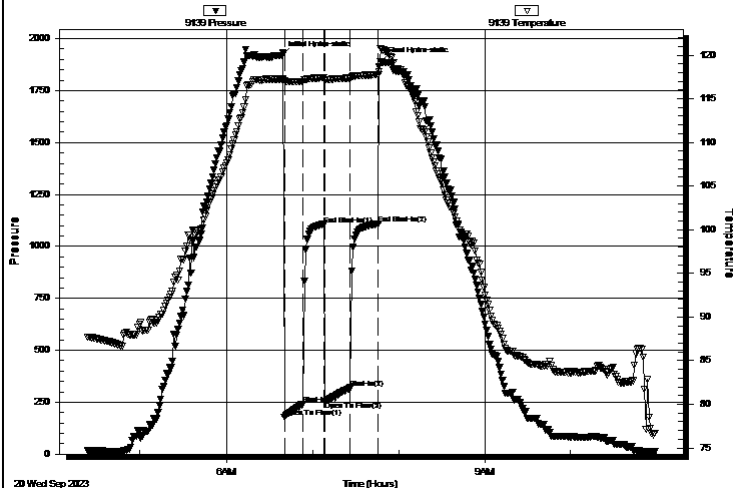
Time Off Btm: 2023.09.20 @ 07:47:25

TEST COMMENT: 15-15-15-15

IO: BOB IN 15 MINS

BB: N/A

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1920.19	117.24	Initial Hydro-static
2	175.88	117.04	Open To Flow (1)
15	241.33	116.99	Shut-In(1)
29	1105.86	117.41	End Shut-In(1)
30	253.81	117.18	Open To Flow (2)
48	318.99	117.37	Shut-In(2)
67	1109.00	117.76	End Shut-In(2)
69	1890.77	120.77	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
500.00	Watery DM 100%	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

ATTN: Chris Leiker & Mike

Job Ticket: 01604

DST#: 1

Test Start: 2023.09.20 @ 01:17:25

GENERAL INFORMATION:

Formation: **Toronto - Lansing F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 06:40:25

Time Test Ended: 10:21:25

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad Geist

Unit No: 1

Interval: **3769.00 ft (KB) To 3902.00 ft (KB) (TVD)**

Total Depth: 3902.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Fair

Reference Elevations: 2479.00 ft (KB)

2471.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB)

Start Date: 2023.09.20 End Date: 2023.09.20

Start Time: 04:29:13 End Time: 11:37:06

Capacity: psig

Last Calib.: 1899.12.30

Time On Btm:

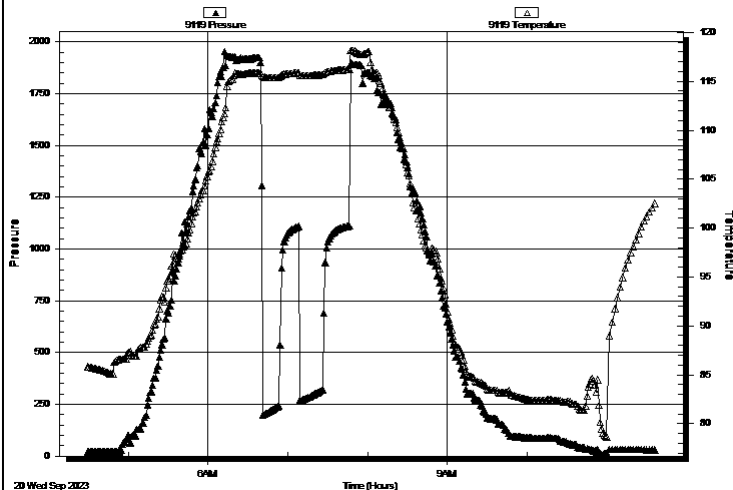
Time Off Btm:

TEST COMMENT: 15-15-15-15

IO: BOB IN 15 MINS

BB: N/A

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
500.00	Watery DM 100%	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.09.20 @ 01:17:25

Tool Information

Drill Pipe:	Length:	3765.00 ft	Diameter:	inches	Volume:	3657406 bbl	Tool Weight:	10000.00 lb		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb		
Drill Collar:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight to Pull Loose:	70000.00 lb		
						Total Volume:	3657406 bbl	Tool Chased	2.00 ft	
Drill Pipe Above KB:	24.50 ft								String Weight: Initial	67000.00 lb
Depth to Top Packer:	3769.00 ft								Final	71000.00 lb
Depth to Bottom Packer:	ft									
Interval between Packers:	132.50 ft									
Tool Length:	161.00 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			3745.50	
Hydraulic tool	6.00			3751.50	
Jars	4.00			3755.50	
Safety Joint	2.50			3758.00	
Top Packer	6.50			3764.50	
Packer	4.50			3769.00	28.50 Bottom Of Top Packer
Change Over Sub	0.75			3769.75	
Drill Pipe	93.00			3862.75	
Change Over Sub	0.75			3863.50	
Anchor	33.00			3896.50	
Recorder	0.00	9119	Inside	3896.50	
Recorder	0.00	9139	Outside	3896.50	
Bullnose	5.00			3901.50	132.50 Anchor Tool

Total Tool Length: 161.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.09.20 @ 01:17:25

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 2000.00 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
500.00	Watery DM 100%	

Total Length: 500.00 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 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.09.20 @ 01:17:25

Gas Rates Information

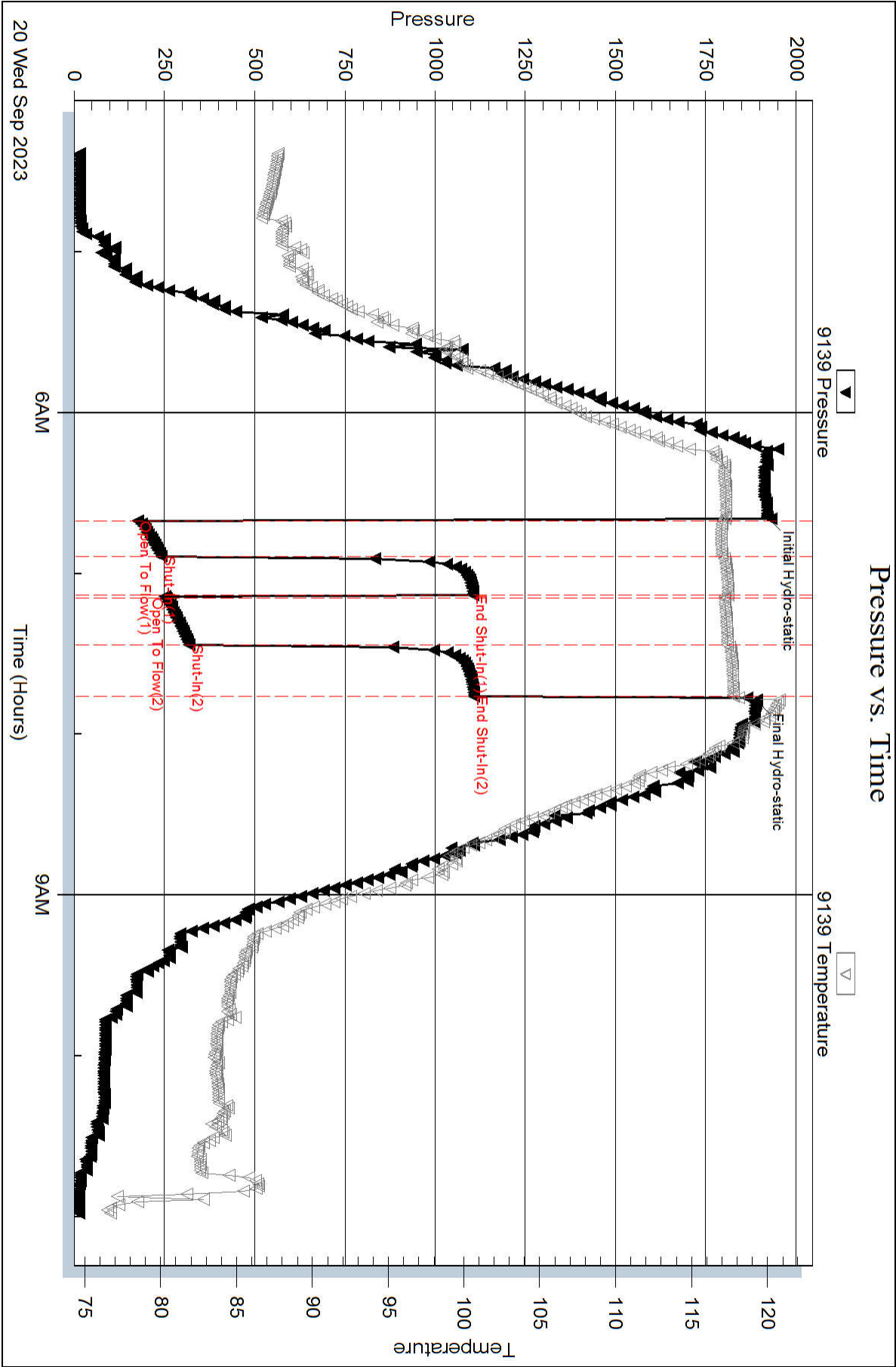
Temperature: 59 (deg F)

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

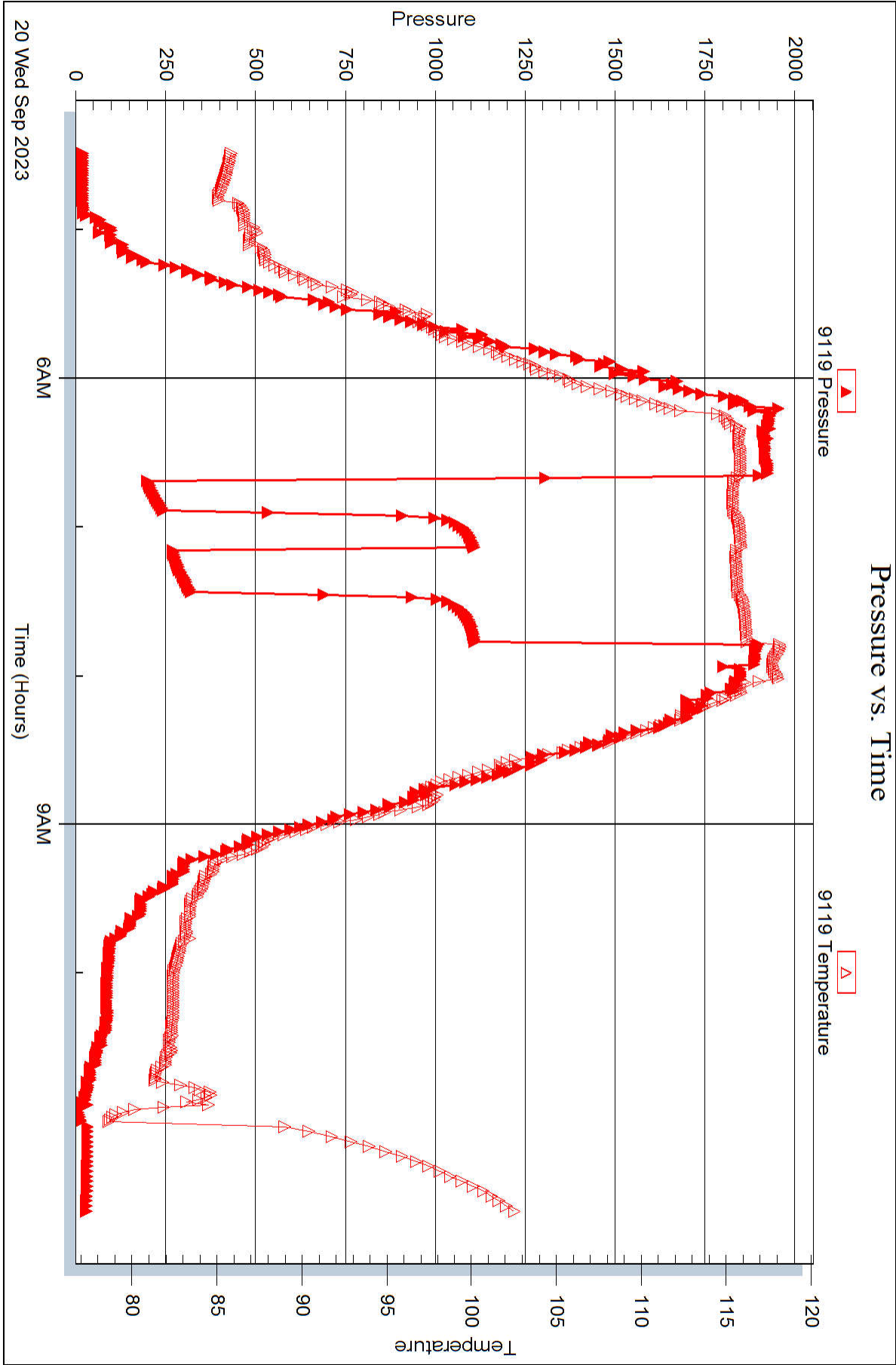


Serial #: 9119

Satchell Creek Petroleum

Hobbs #10-34

DST Test Number: 1





DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs #10-34

Graham 34-10S-25W

Start Date: 2023.09.26 @ 00:00:00

End Date:

Job Ticket #: 01604

DST #: 2

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

Printed: 2023.09.26 @ 11:24:53

Satchell Creek Petroleum

Graham 34-10S-25W

Hobbs #10-34

DST # 2

Toronto - Lans H

2023.09.26



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

ATTN: Chris Leiker & Mike

Job Ticket: 01604

DST#: 2

Test Start: 2023.09.26 @ 00:00:00

GENERAL INFORMATION:

Formation: **Toronto - Lans H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **3925.00 ft (KB) To 4040.00 ft (KB) (TVD)**

Total Depth: 4040.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition: Poor

Reference Elevations: 2479.00 ft (KB)

2471.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 286.79 psig @ ft (KB)

Start Date: 2023.09.21

End Date:

2023.09.21

Start Time: 08:07:34

End Time:

15:33:04

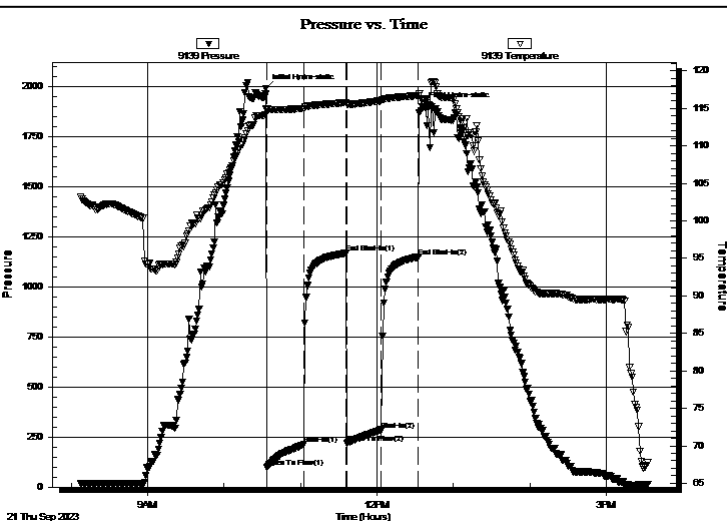
Capacity: psig

Last Calib.: 1899.12.30

Time On Btm: 2023.09.21 @ 10:33:04

Time Off Btm: 2023.09.21 @ 12:35:34

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1990.26	115.01	Initial Hydro-static
1	97.72	114.95	Open To Flow (1)
30	212.80	115.00	Shut-In(1)
63	1168.85	115.78	End Shut-In(1)
64	221.07	115.55	Open To Flow (2)
91	286.79	116.01	Shut-In(2)
120	1150.01	116.71	End Shut-In(2)
123	1900.92	116.00	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
480.00	Water 100%	
60.00	DM 100%	
0.00	Hydraulic Tool had traces of oil	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.09.26 @ 00:00:00

GENERAL INFORMATION:

Formation: **Toronto - Lans H**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **3925.00 ft (KB) To 4040.00 ft (KB) (TVD)**

Reference Elevations: 2479.00 ft (KB)

Total Depth: 4040.00 ft (KB) (TVD)

2471.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB)

Capacity: psig

Start Date: 2023.09.21

End Date:

2023.09.21

Last Calib.:

1899.12.30

Start Time: 07:46:08

End Time:

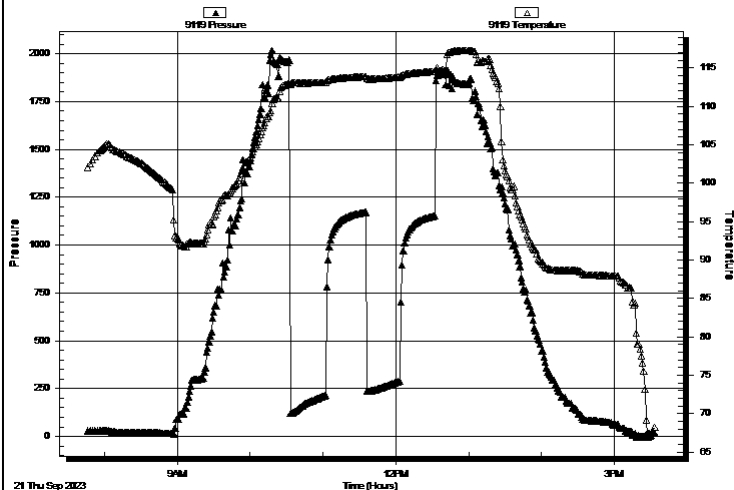
15:33:08

Time On Btm:

Time Off Btm:

TEST COMMENT:

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)
480.00	Water 100%	
60.00	DM 100%	
0.00	Hydraulic Tool had traces of oil	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.09.26 @ 00:00:00

Tool Information

Drill Pipe:	Length:	3916.00 ft	Diameter:	inches	Volume:	3804091 bbl	Tool Weight:	10000.00 lb		
Heavy Wt. Pipe:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight set on Packer:	25000.00 lb		
Drill Collar:	Length:	0.00 ft	Diameter:	inches	Volume:	0.00 bbl	Weight to Pull Loose:	85000.00 lb		
						Total Volume:	3804091 bbl	Tool Chased	0.00 ft	
Drill Pipe Above KB:	19.50 ft								String Weight: Initial	68000.00 lb
Depth to Top Packer:	3925.00 ft								Final	72000.00 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			3901.50	
Hydraulic tool	6.00			3907.50	
Jars	4.00			3911.50	
Safety Joint	2.50			3914.00	
Top Packer	6.50			3920.50	
Packer	4.50			3925.00	28.50 Bottom Of Top Packer
Change Over Sub	0.75			3925.75	
Drill Pipe	63.50			3989.25	
Change Over Sub	0.75			3990.00	
Anchor	45.00			4035.00	
Recorder	0.00	9119	Inside	4035.00	
Recorder	0.00	9139	Outside	4035.00	
Bullnose	5.00			4040.00	115.00 Anchor Tool

Total Tool Length: 143.50



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.09.26 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 6.19 in³

Resistivity: 0.00 ohm.m

Salinity: 2000.00 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
480.00	Water 100%	
60.00	DM 100%	
0.00	Hydraulic Tool had traces of oil	

Total Length: 540.00 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 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 2

ATTN: Chris Leiker & Mike

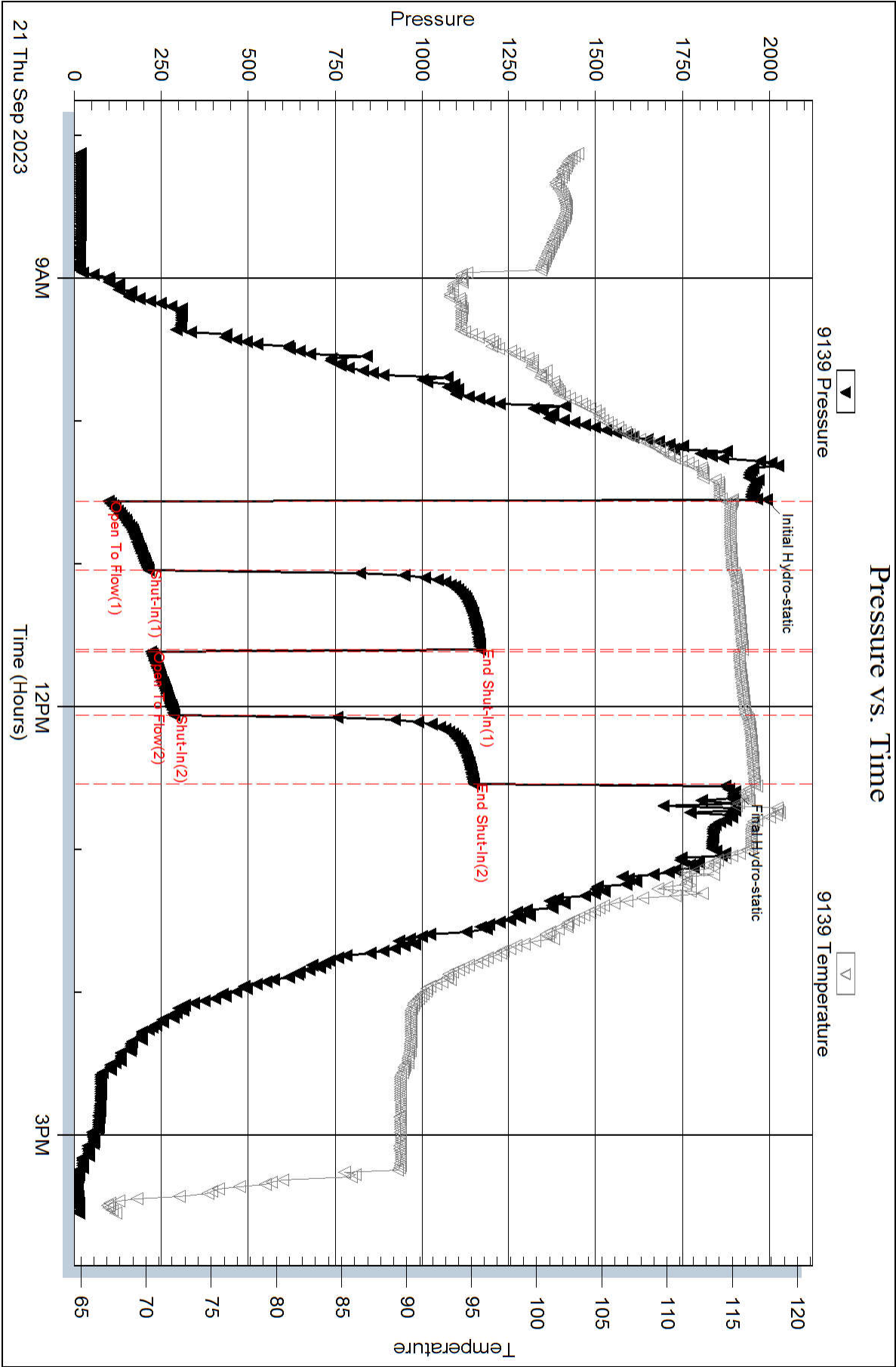
Test Start: 2023.09.26 @ 00:00:00

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

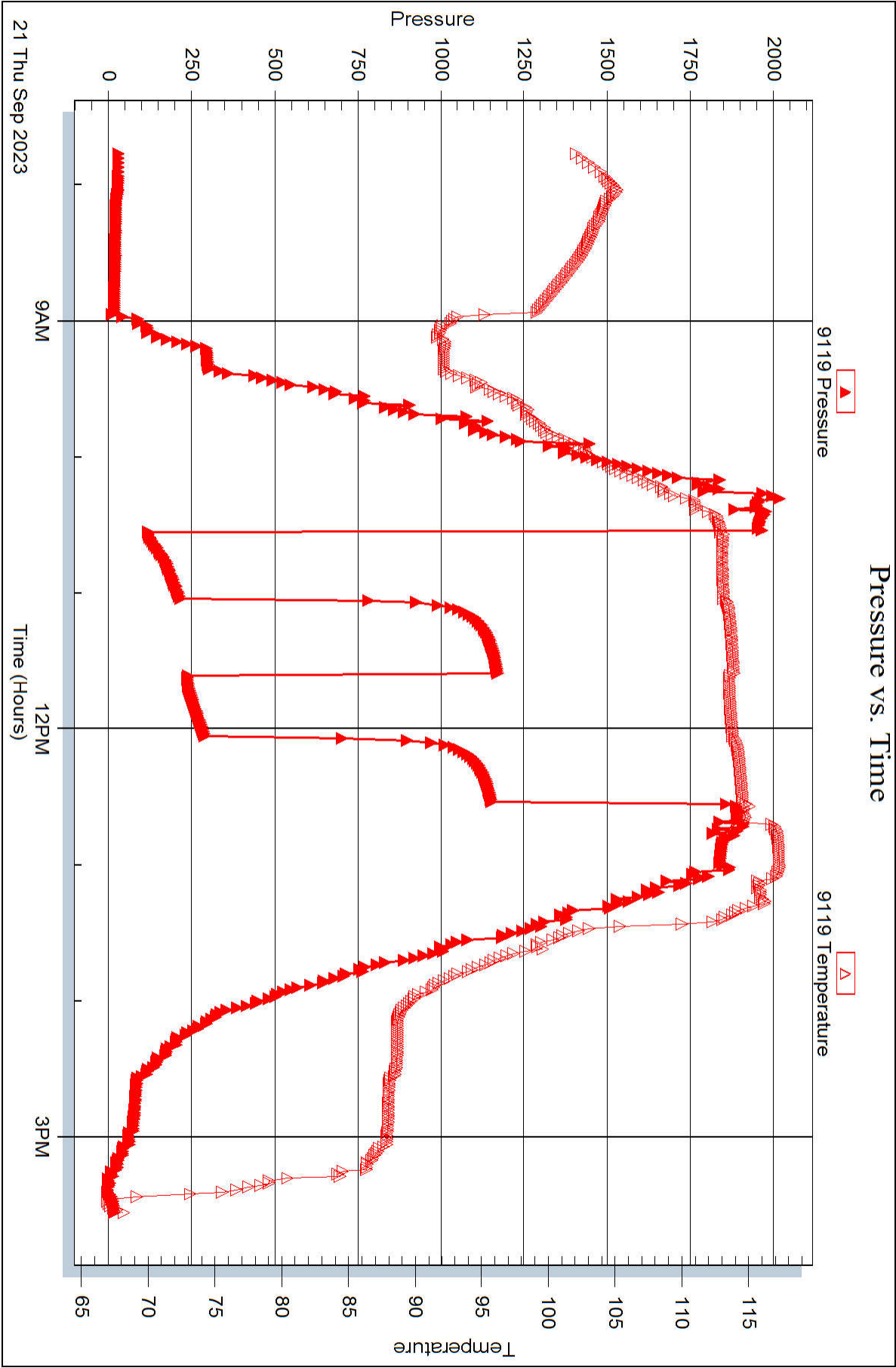


Serial #: 9119

Satchell Creek Petroleum

Hobbs #10-34

DST Test Number: 2





DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs #10-34

Graham 34-10S-25W

Start Date: 2023.09.25 @ 11:58:28

End Date: 2023.09.25 @ 20:48:51

Job Ticket #: 01604 DST #: 3

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

Printed: 2023.09.26 @ 11:10:43

Satchell Creek Petroleum

Graham 34-10S-25W

Hobbs #10-34

DST # 3

Lans J

2023.09.25



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

ATTN: Chris Leiker & Mike

Job Ticket: 01604

DST#: 3

Test Start: 2023.09.25 @ 11:58:28

GENERAL INFORMATION:

Formation: **Lans J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:28:28

Time Test Ended: 20:48:51

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **3970.00 ft (KB) To 3996.00 ft (KB) (TVD)**

Reference Elevations: 2479.00 ft (KB)

Total Depth: 4340.00 ft (KB) (TVD)

2471.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 254.08 psig @ ft (KB)

Capacity: psig

Start Date: 2023.09.25

End Date:

2023.09.25

Last Calib.: 1899.12.30

Start Time: 11:58:28

End Time:

20:48:51

Time On Btm: 2023.09.25 @ 14:26:28

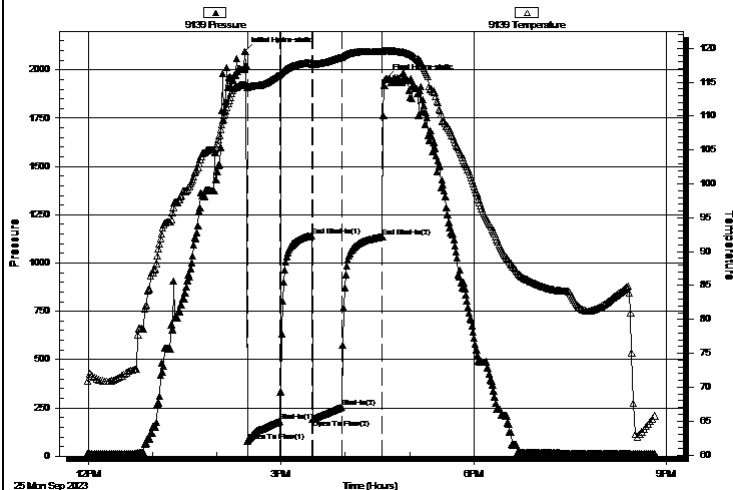
Time Off Btm: 2023.09.25 @ 16:37:58

TEST COMMENT: 30-30-30-30

IO: BOB in 19 mins

BB: N/A

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2096.76	114.58	Initial Hydro-static
2	78.66	114.27	Open To Flow (1)
32	180.52	116.11	Shut-In(1)
62	1141.92	117.90	End Shut-In(1)
63	191.57	117.66	Open To Flow (2)
90	254.08	118.73	Shut-In(2)
128	1136.00	119.53	End Shut-In(2)
132	1952.56	119.69	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

ATTN: Chris Leiker & Mike

Job Ticket: 01604

DST#: 3

Test Start: 2023.09.25 @ 11:58:28

GENERAL INFORMATION:

Formation: **Lans J**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 14:28:28

Time Test Ended: 20:48:51

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **3970.00 ft (KB) To 3996.00 ft (KB) (TVD)**

Reference Elevations: 2479.00 ft (KB)

Total Depth: 4340.00 ft (KB) (TVD)

2471.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB)

Start Date: 2023.09.25 End Date: 2023.09.25

Start Time: 11:49:11 End Time: 20:46:04

Capacity: psig

Last Calib.: 1899.12.30

Time On Btm:

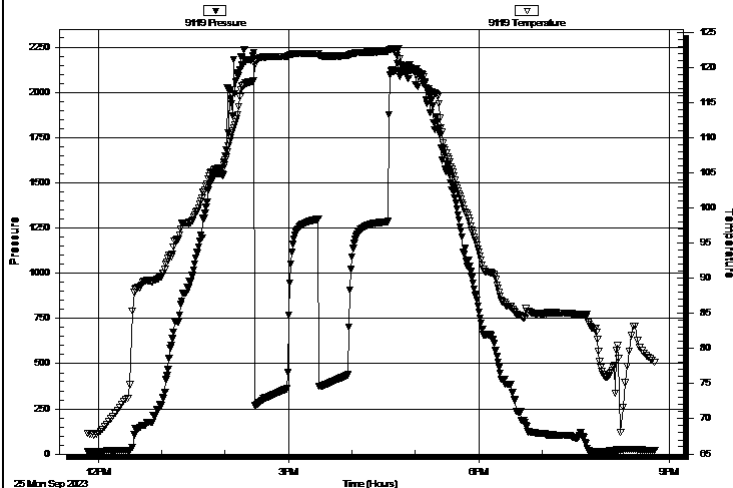
Time Off Btm:

TEST COMMENT: 30-30-30-30

IO: BOB in 19 mins

BB: N/A

Pressure vs. Time



PRESSURE SUMMARY

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

Length (ft)	Description	Volume (bbl)

Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.09.25 @ 11:58:28

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:	25000.00 lb
Drill Collar:	Length:	ft	Diameter:	inches	Volume:	- bbl	Weight to Pull Loose:	145000.0 lb
					Total Volume:	- bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	72000.00 lb
Depth to Top Packer:		ft					Final	77000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	395.50	ft						
Number of Packers:	3		Diameter:	6.75	inches			
Tool Comments:								

Tool Description

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		
Anchor	20.00			47.00		
Recorder	0.00		Inside	47.00		
Recorder	0.00		Outside	47.00		
Blank Off Sub	1.00			48.00		
Packer - Shale	5.00			53.00		
Change Over Sub	0.75			53.75		
Drill Pipe	314.00	9119	Inside	367.75		
Change Over Sub	0.75	9139	Outside	368.50		
Anchor	22.00			390.50		
Recorder	0.00			390.50		
Bullnose	5.00			395.50	395.50	Anchor Tool
Total Tool Length:	395.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.09.25 @ 11:58:28

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 2000.00 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

Total Length: 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 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.09.25 @ 11:58:28

Gas Rates Information

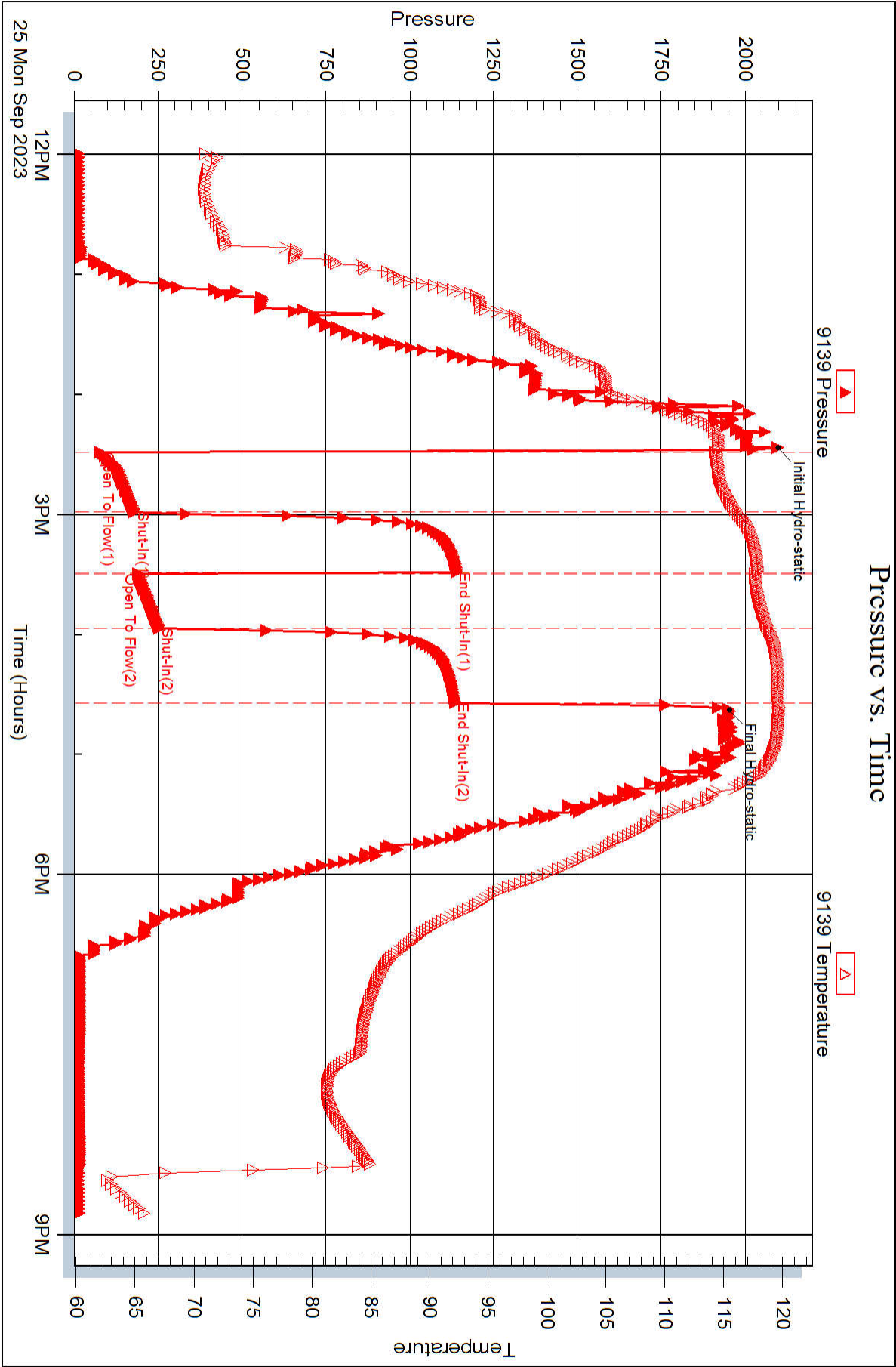
Temperature: 59 (deg F)

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

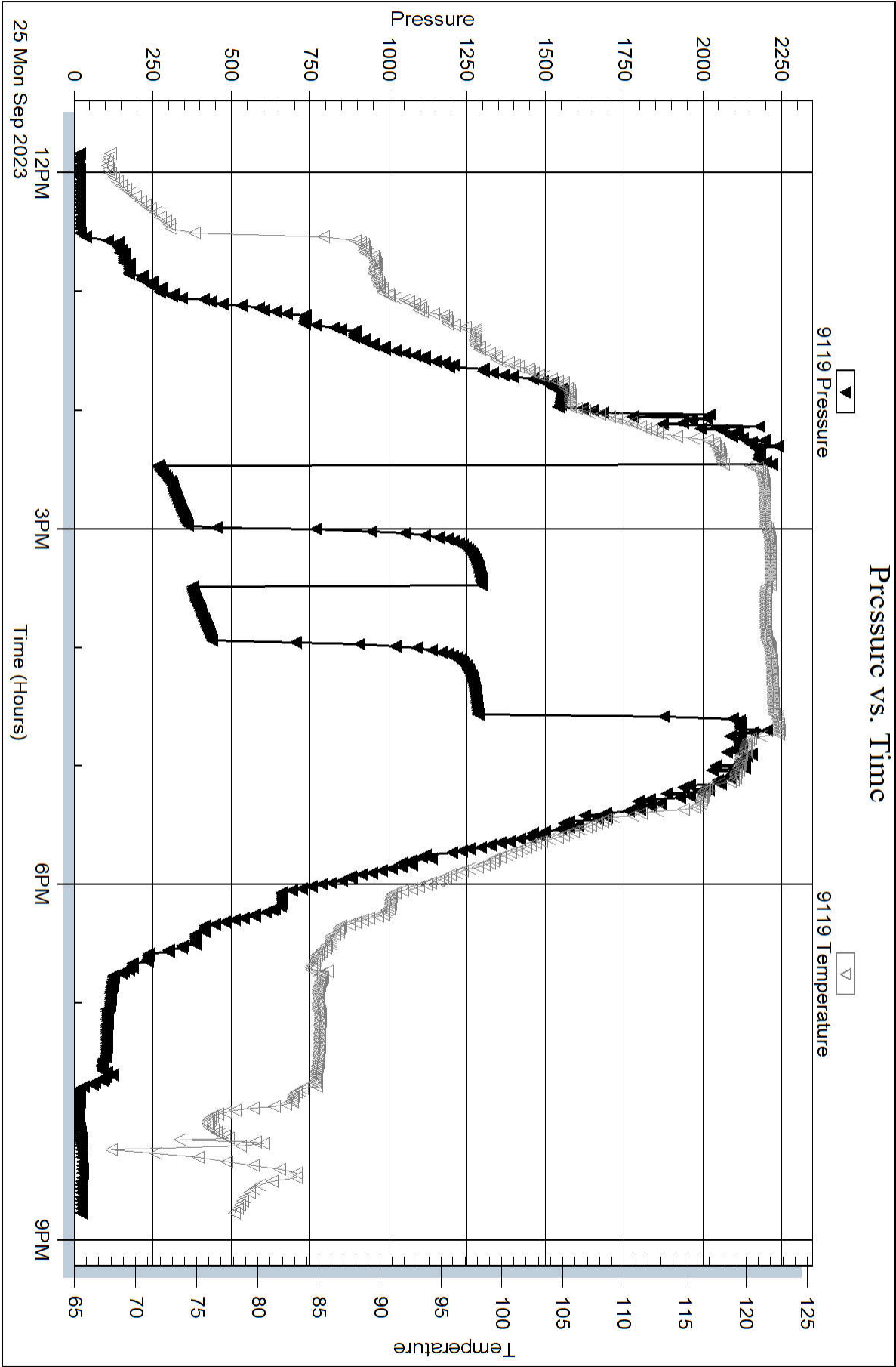


Serial #: 9119

Satchell Creek Petroleum

Hobbs #10-34

DST Test Number: 3





DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita, KS 67205

ATTN: Chris Leiker & Mike

Hobbs #10-34

Graham 34-10S-25W

Start Date: 2023.09.26 @ 00:00:00

End Date:

Job Ticket #: 01604

DST #: 4

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

Printed: 2023.09.26 @ 11:16:04

Satchell Creek Petroleum

Graham 34-10S-25W

Hobbs #10-34

DST # 4

Lans K

2023.09.26



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

ATTN: Chris Leiker & Mike

Job Ticket: 01604

DST#: 4

Test Start: 2023.09.26 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lans K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: **3996.00 ft (KB) To 4020.00 ft (KB) (TVD)**

Total Depth: 4340.00 ft (KB) (TVD)

Hole Diameter: 7.88 inches Hole Condition:

Reference Elevations: 2479.00 ft (KB)

2471.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 227.94 psig @ ft (KB)

Start Date: 2023.09.26

End Date:

2023.09.27

Start Time: 20:07:54

End Time:

05:33:23

Capacity: psig

Last Calib.: 1899.12.30

Time On Btm: 2023.09.26 @ 23:11:54

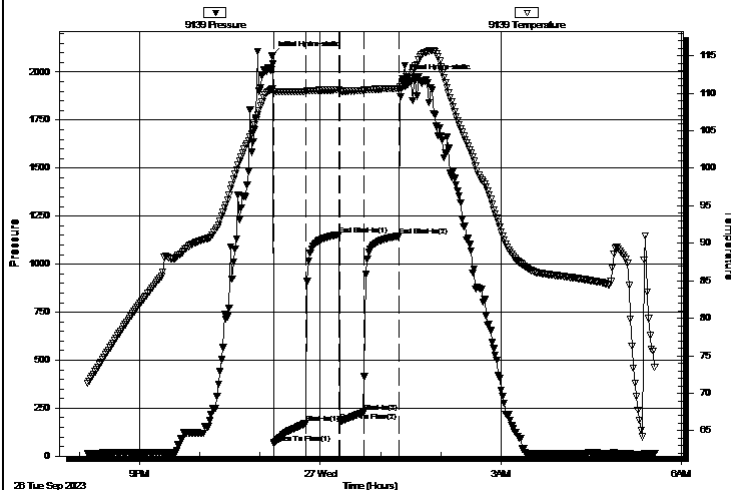
Time Off Btm: 2023.09.27 @ 01:21:54

TEST COMMENT: 30-30-30-30

IO: BOB in 20 mins

BB: N/A

Pressure vs. Time



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2084.04	110.55	Initial Hydro-static
2	65.87	110.15	Open To Flow (1)
34	171.36	110.20	Shut-In(1)
67	1153.58	110.47	End Shut-In(1)
69	179.55	110.25	Open To Flow (2)
91	227.94	110.33	Shut-In(2)
127	1146.73	110.66	End Shut-In(2)
130	1966.11	110.87	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
480.00	MCW 95% W 5%M	

Gas Rates

	Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)
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DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.09.26 @ 00:00:00

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:	25000.00 lb
Drill Collar:	Length:	ft	Diameter:	inches	Volume:	- bbl	Weight to Pull Loose:	140000.0 lb
					Total Volume:	- bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	72000.00 lb
Depth to Top Packer:		ft					Final	76000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:		0.00 ft						
Tool Length:		445.00 ft						
Number of Packers:		3	Diameter:	6.75 inches				
Tool Comments:								

Tool Description

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	
Anchor	18.00			45.00	
Recorder	0.00		Inside	45.00	
Recorder	0.00		Outside	45.00	
Blank Off Sub	1.00			46.00	
Packer - Shale	5.00			51.00	
Change Over Sub	75.00			126.00	
Drill Pipe	314.00	9119	Inside	440.00	
Change Over Sub	0.00	9139	Outside	440.00	
Anchor	0.00			440.00	
Recorder	0.00			440.00	
Bullnose	5.00			445.00	445.00
Total Tool Length:	445.00				

Anchor Tool



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.09.26 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 56.00 sec/qt

Water Loss: 6.39 in³

Resistivity: ohm.m

Salinity: 2000.00 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
480.00	MCW 95% W 5%M	

Total Length: 480.00 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 34-10S-25W

3032 N Cortina St.
Wichita, KS 67205

Hobbs #10-34

Job Ticket: 01604

DST#: 4

ATTN: Chris Leiker & Mike

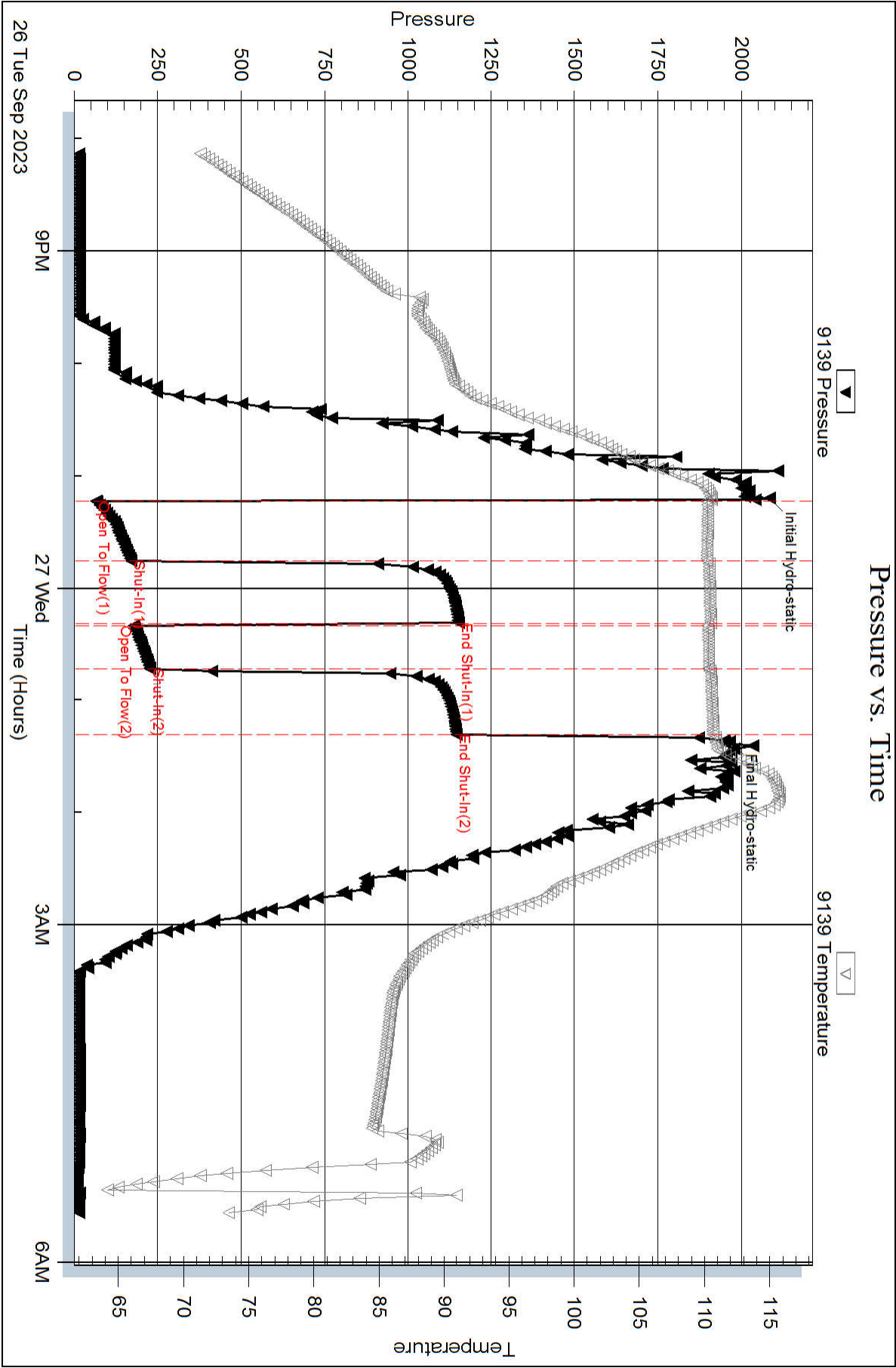
Test Start: 2023.09.26 @ 00:00:00

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



Serial #: 9119

Satchell Creek Petroleum

Hobbs #10-34

DST Test Number: 4

