

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	SCHUSTER 1-28
Doc ID	1769929

All Electric Logs Run

DIL
DUCP
MEL
Micro



CEMENT TREATMENT REPORT

Customer:	Satchell Creek	Well:	Schuster #1-28	Ticket:	WP 4771
City, State:	St. Peter KS	County:	Graham KS	Date:	10/5/2023
Field Rep:	Jim	S-T-R:	28-10S-25W	Service:	Surface

Downhole Information	
Hole Size:	12 1/4 in
Hole Depth:	226 ft
Casing Size:	8 5/8 in
Casing Depth:	212 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	13.0 bbls

Calculated Slurry - Lead	
Blend:	HXH-325
Weight:	14.8 ppg
Water / Sx:	6.9 gal / sx
Yield:	1.41 ft ³ / sx
Annular Bbls / Ft.:	0.0735 bbs / ft.
Depth:	212 ft
Annular Volume:	15.6 bbls
Excess:	
Total Slurry:	46.4 bbls
Total Sacks:	185 sx

Calculated Slurry - Tail	
Blend:	
Weight:	ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
10:00 PM			-	-	Arrived on location
10:10 PM			-	-	Safety meeting
10:20 PM			-	-	Rigged up
11:08 PM			-	-	Casing on bottom
11:12 PM			-	-	Circulated mud
11:25 PM	3.0	100.0	5.0	5.0	Water ahead
11:30 PM	3.0	150.0	46.4	51.4	Mixed 185 sacks HXH-325 cement @ 14.8 ppg
11:51 PM	3.0	150.0	13.0	64.4	Begin displacement
11:55 PM		100.0		64.4	Plug down and shut in with 5 bbls/20 sacks cement circulated to pit
11:57 PM				64.4	Washed up and rigged down
12:30 AM				64.4	Left location

CREW		UNIT	
Cementer:	John	UNIT	947
Pump Operator:	Jose T	UNIT	208
Bulk #1:	Jose V	UNIT	194-264
Bulk #2:			

SUMMARY		
Average Rate	Average Pressure	Total Fluid
3.0 bpm	125 psi	64 bbls

Service

♦ 24 Hour Phone (785) 639-7269
 ♦ Email: franksoilfield@yahoo.com

FIELD TICKET & TREATMENT REPORT CEMENT

TICKET NUMBER 1087
 LOCATION Hone
 FOREMAN Jack

DATE 10-12-20 CUSTOMER # 35970 WELL NAME & NUMBER Schuster 1-28

CUSTOMER Satchell Creek Petroleum MAILING ADDRESS 3032 N Cortina ST CITY Wilhoit STATE KS ZIP CODE 67205

JOB TYPE Plug SECTION 28 TOWNSHIP 10 RANGE 25 COUNTY SH

CASING DEPTH _____ TRUCK # 103 DRIVER CK TRUCK # _____ DRIVER _____

SLURRY WEIGHT _____ TRUCK # 203 DRIVER JT TRUCK # _____ DRIVER _____

DISPLACEMENT _____ HOLE DEPTH _____ TUBING _____

REMARKS: 1) 50 sy @ 4090' HOLE SIZE _____ DRILL PIPE _____ SLURRY VOL _____ DISPLACEMENT PSI _____ WATER gal/sk _____ MIX PSI _____

2) 50 sy @ 2175' CEMENT LEFT in CASING _____ RATE _____

3) 100 sy @ 300' 4) 50 sy @ 275' 5) 10 sy down casing, 30 sy R.H., 15 sy M.H. Plugged as ordered.

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
P005	1	PUMP CHARGE	\$1500.00	\$1500.00
P001	38	MILEAGE	\$1.50	\$247.00
M007	13.57	TMD	\$773.49	\$773.49
C.B.O.D	365 sy	600/40 790 gal 1/4" Fiberglass	\$17.35	\$5291.75
F055	1	8 1/2" Wooden plug	\$165.00	\$165.00
			ab total	\$7977.24
			1000 5% disc.	\$398.86
			ab total	\$7578.38
			SALES TAX	388.79
			ESTIMATED TOTAL	7967.17

AUTHORIZATION _____ 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.



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita KS 67205

ATTN: Chris Leiker & Mike

Schuster #1-28

N2-SE-SE-SW 25-10-25 Graham

Start Date: 2023.10.08 @ 00:00:00

End Date:

Job Ticket #: 01608

DST #: 1

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530

620-791-7394

Printed: 2023.10.24 @ 14:41:42



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.10.08 @ 00:00:00

GENERAL INFORMATION:

Formation: **Toronto - Lans A**

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: 3894.00 ft (KB) To 3914.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 3914.00 ft (KB) (TVD)

2492.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 1091.59 psig @ ft (KB)

Capacity: psig

Start Date: 2023.10.08

End Date: 2023.10.09

Last Calib.: 1899.12.30

Start Time: 23:40:55

End Time: 06:31:25

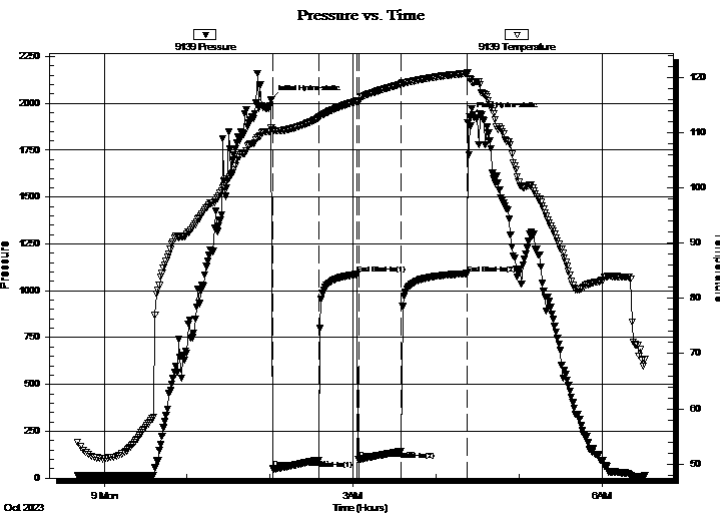
Time On Btm: 2023.10.09 @ 02:00:55

Time Off Btm: 2023.10.09 @ 04:24:25

TEST COMMENT: 30-30-30-30

IO: Built to 8.5" in 30 mins

BB: NA



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2019.34	110.90	Initial Hydro-static
1	53.90	110.42	Open To Flow (1)
35	96.47	112.64	Shut-In(1)
62	1087.53	115.66	End Shut-In(1)
63	98.52	115.62	Open To Flow (2)
94	142.34	118.73	Shut-In(2)
142	1091.59	120.68	End Shut-In(2)
144	1926.65	119.72	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Mud	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.10.08 @ 00:00:00

GENERAL INFORMATION:

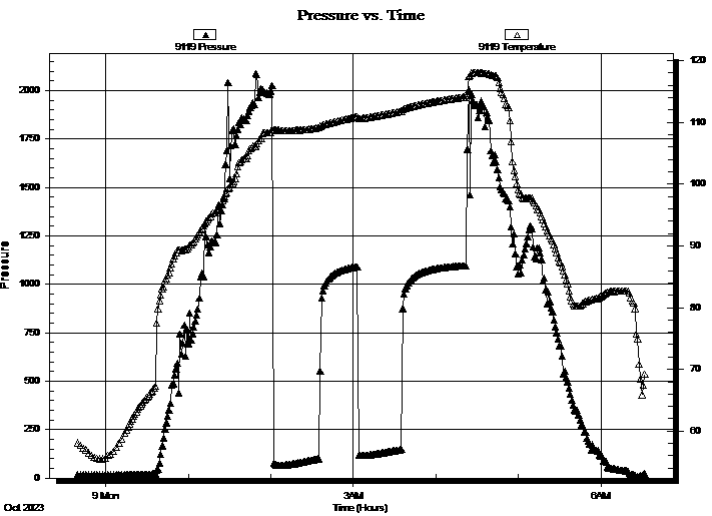
Formation: **Toronto - Lans A**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened:
 Time Test Ended:
Interval: 3894.00 ft (KB) To 3914.00 ft (KB) (TVD)
 Total Depth: 3914.00 ft (KB) (TVD)
 Hole Diameter: 7.88 inches Hole Condition:
 Test Type: Conventional Bottom Hole (Initial)
 Tester: Chad F Geist
 Unit No: 1
 Reference Elevations: 2500.00 ft (KB)
 2492.00 ft (CF)
 KB to GR/CF: 8.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB) Capacity: psig
 Start Date: 2023.10.08 End Date: 2023.10.09 Last Calib.: 1899.12.30
 Start Time: 23:39:21 End Time: 06:31:51 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-30-30-30

IO: Built to 8.5" in 30 mins
 BB: NA



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
310.00	Mud	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.10.08 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3889.00 ft	Diameter:	inches	Volume: 3777862 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:	65000.00 lb
				Total Volume: - bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:	23.50 ft				String Weight: Initial	49000.00 lb
Depth to Top Packer:	3894.00 ft				Final	52000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	20.00 ft					
Tool Length:	48.50 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			3870.50		
Hydraulic tool	6.00			3876.50		
Jars	4.00			3880.50		
Safety Joint	2.50			3883.00		
Top Packer	6.50			3889.50		
Packer	4.50			3894.00	28.50	Bottom Of Top Packer
Anchor	15.00			3909.00		
Recorder	0.00	9119	Inside	3909.00		
Recorder	0.00	9139	Outside	3909.00		
Bullnose	5.00			3914.00	20.00	Anchor Tool
Total Tool Length:	48.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.10.08 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.38 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
310.00	Mud	

Total Length: 310.00 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

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 1

ATTN: Chris Leiker & Mike

Test Start: 2023.10.08 @ 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



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita KS 67205

ATTN: Chris Leiker & Mike

Schuster #1-28

N2-SE-SE-SW 25-10-25 Graham

Start Date: 2023.10.09 @ 09:17:55

End Date: 2023.10.09 @ 16:24:25

Job Ticket #: 01608 DST #: 2

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

Printed: 2023.10.24 @ 14:42:24



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 09:17:55

GENERAL INFORMATION:

Formation: **Lansing H - I**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 11:24:55

Time Test Ended: 16:24:25

Test Type: Conventional Bottom Hole (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 3940.00 ft (KB) To 3990.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 3990.00 ft (KB) (TVD)

2492.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 72.30 psig @ ft (KB)

Capacity: psig

Start Date: 2023.10.09

End Date: 2023.10.09

Last Calib.: 1899.12.30

Start Time: 09:18:55

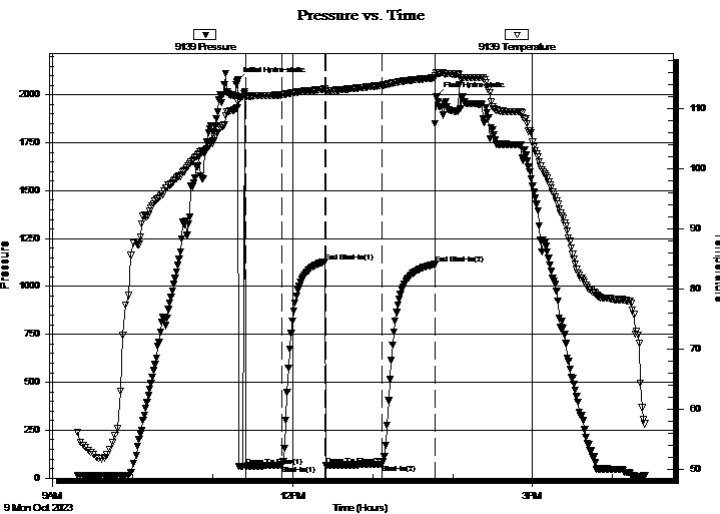
End Time: 16:24:25

Time On Btm: 2023.10.09 @ 11:18:25

Time Off Btm: 2023.10.09 @ 13:47:55

TEST COMMENT: 30-30-30-30

IO: Built to 1/2"
BB: NA



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2066.60	110.13	Initial Hydro-static
7	62.97	112.10	Open To Flow (1)
34	65.94	112.29	Shut-In(1)
66	1129.08	113.23	End Shut-In(1)
67	67.70	112.97	Open To Flow (2)
109	72.30	113.87	Shut-In(2)
148	1115.33	115.14	End Shut-In(2)
150	1988.85	116.04	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Tool Sample: 80% Oil 20% DM	
6.00	Oil Cut Mud	
1.00	Clean Oil	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum
 3032 N Cortina St.
 Wichita KS 67205
 ATTN: Chris Leiker & Mike

N2-SE-SE-SW 25-10-25 Graham
Schuster #1-28
 Job Ticket: 01608 **DST#: 2**
 Test Start: 2023.10.09 @ 09:17:55

GENERAL INFORMATION:

Formation: **Lansing H - I**
 Deviated: No Whipstock: ft (KB)
 Time Tool Opened: 11:24:55 Test Type: Conventional Bottom Hole (Initial)
 Time Test Ended: 16:24:25 Tester: Chad F Geist
 Unit No: 1
 Interval: **3940.00 ft (KB) To 3990.00 ft (KB) (TVD)** Reference Elevations: 2500.00 ft (KB)
 Total Depth: 3990.00 ft (KB) (TVD) 2492.00 ft (CF)
 Hole Diameter: 7.88 inches Hole Condition: Poor KB to GR/CF: 8.00 ft

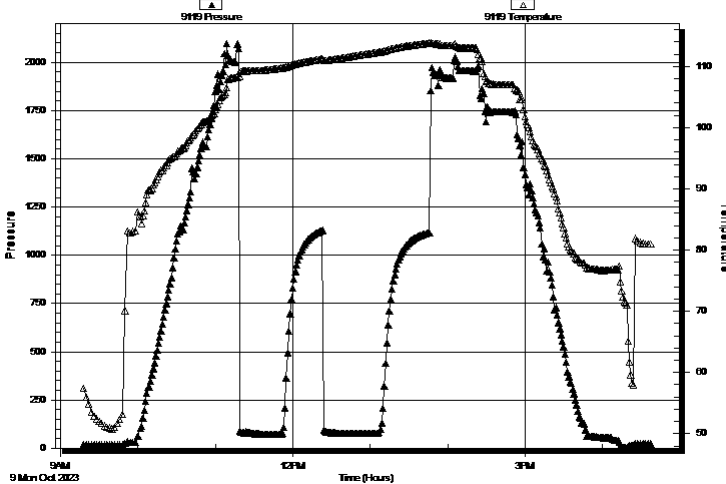
Serial #: 9119

Press@RunDepth: psig @ ft (KB) Capacity: psig
 Start Date: 2023.10.09 End Date: 2023.10.09 Last Calib.: 1899.12.30
 Start Time: 09:17:58 End Time: 16:38:21 Time On Btm:
 Time Off Btm:

TEST COMMENT: 30-30-30-30

IO: Built to 1/2"
 BB: NA

Pressure vs. Time



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
0.00	Tool Sample: 80% Oil 20% DM	
6.00	Oil Cut Mud	
1.00	Clean Oil	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 09:17:55

Tool Information

Drill Pipe:	Length: 3918.00 ft	Diameter:	inches	Volume: 3806033 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:	65000.00 lb
				Total Volume: - bbl	Tool Chased	2.00 ft
Drill Pipe Above KB:	6.50 ft				String Weight: Initial	50000.00 lb
Depth to Top Packer:	3940.00 ft				Final	50000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	50.00 ft					
Tool Length:	78.50 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			3916.50		
Hydraulic tool	6.00			3922.50		
Jars	4.00			3926.50		
Safety Joint	2.50			3929.00		
Top Packer	6.50			3935.50		
Packer	4.50			3940.00	28.50	Bottom Of Top Packer
Anchor	45.00			3985.00		
Recorder	0.00	9119	Inside	3985.00		
Recorder	0.00	9139	Outside	3985.00		
Bullnose	5.00			3990.00	50.00	Anchor Tool
Total Tool Length:	78.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 2

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 09:17:55

Mud and Cushion Information

Mud Type: Gel Chem

Mud Weight: 9.00 lb/gal

Viscosity: 51.00 sec/qt

Water Loss: 5.38 in³

Resistivity: ohm.m

Salinity: 1500.00 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
0.00	Tool Sample: 80% Oil 20% DM	
6.00	Oil Cut Mud	
1.00	Clean Oil	

Total Length: 7.00 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

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 2

ATTN: Chris Leiker & Mike

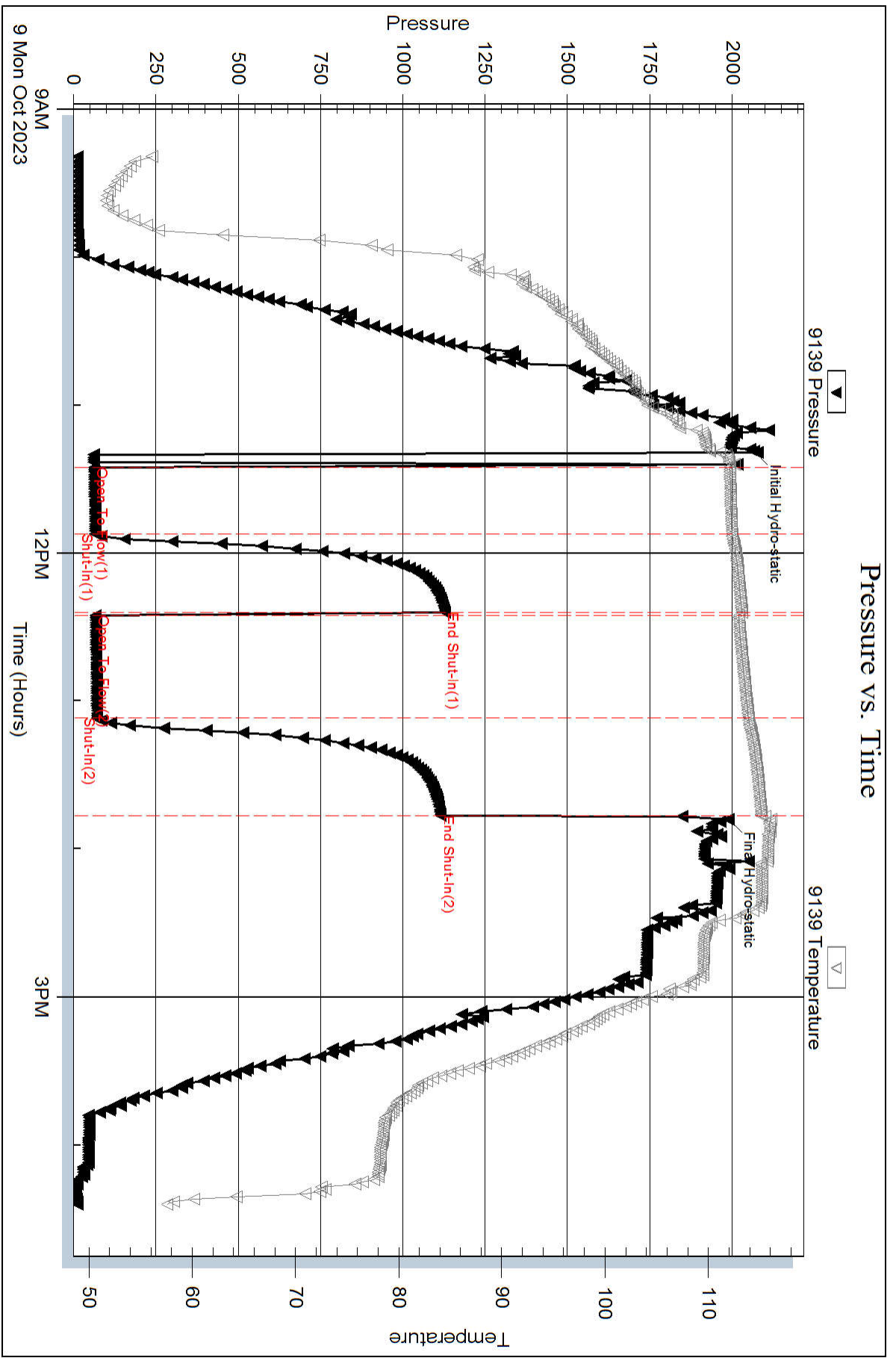
Test Start: 2023.10.09 @ 09:17:55

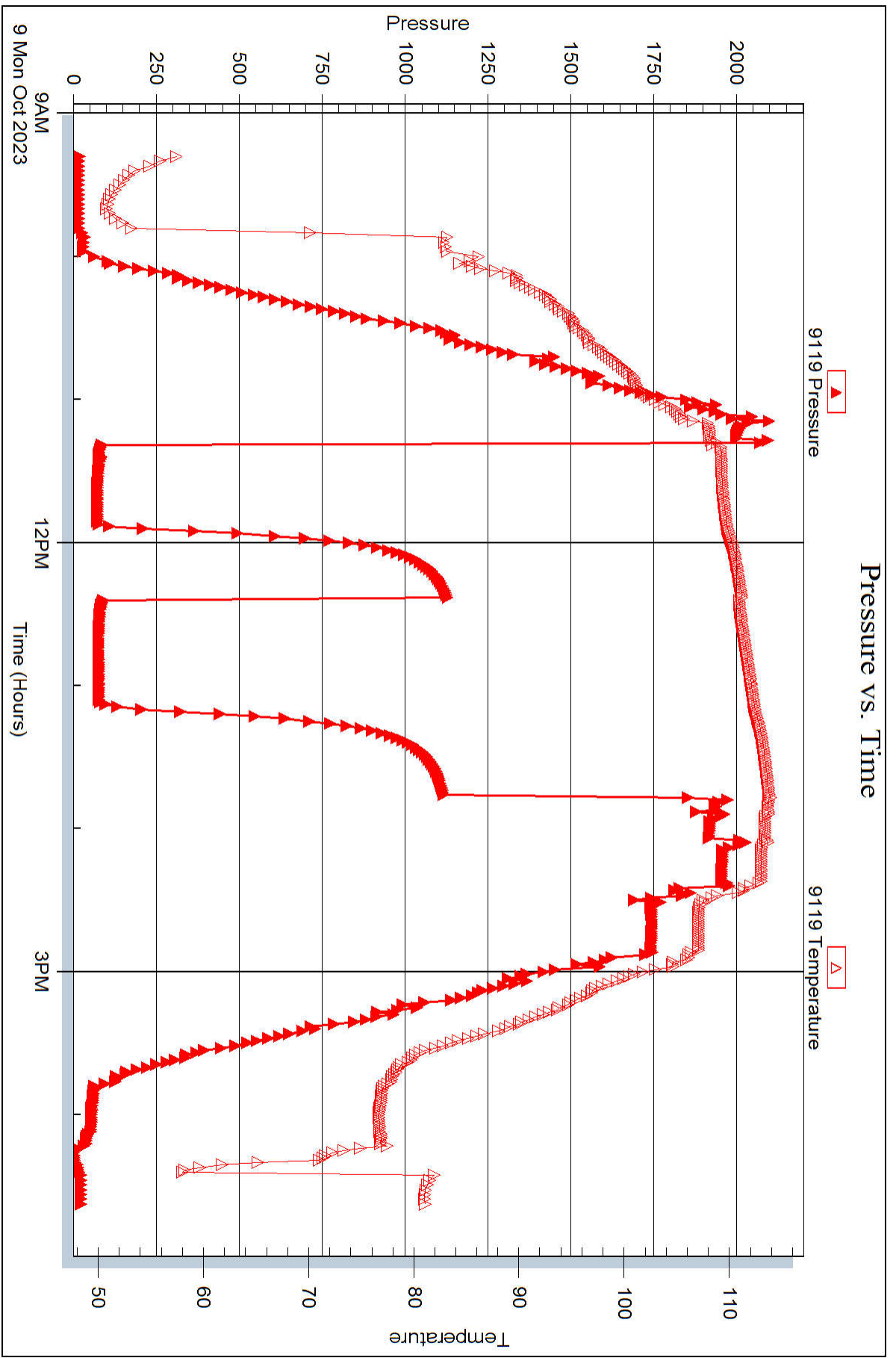
Gas Rates Information

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 St.
Wichita KS 67205

ATTN: Chris Leiker & Mike

Schuster #1-28

N2-SE-SE-SW 25-10-25 Graham

Start Date: 2023.10.09 @ 00:00:00

End Date:

Job Ticket #: 01608

DST #: 3

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

Printed: 2023.10.24 @ 14:43:09



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing J**

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: 3988.00 ft (KB) To 4006.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 4006.00 ft (KB) (TVD)

2492.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 55.89 psig @ ft (KB)

Capacity: psig

Start Date: 2023.10.24

End Date:

2023.10.25

Last Calib.: 1899.12.30

Start Time: 19:52:42

End Time:

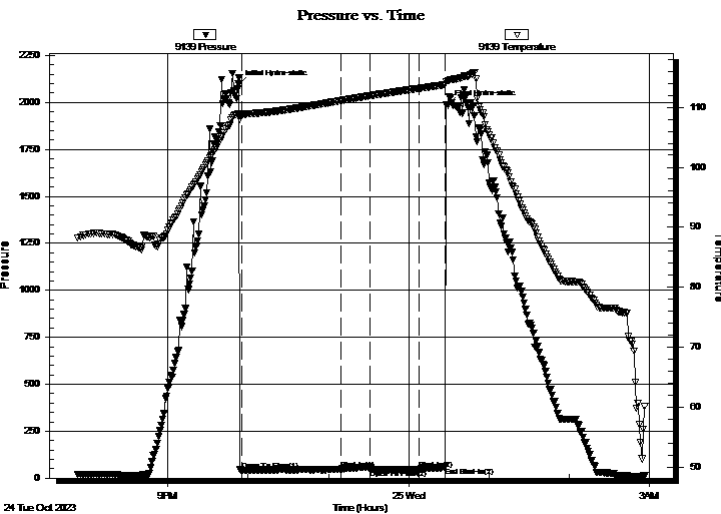
02:56:12

Time On Btm: 2023.10.24 @ 21:52:42

Time Off Btm: 2023.10.25 @ 00:29:12

TEST COMMENT: 60-30-30-30

IO: 1.5" in 30 mins and began to die off. Finished out at 1"
BB: N/A



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2097.50	108.91	Initial Hydro-static
3	41.99	108.71	Open To Flow (1)
77	48.95	111.11	Shut-In(1)
98	60.73	111.91	End Shut-In(1)
99	48.47	111.93	Open To Flow (2)
135	48.85	113.16	Shut-In(2)
155	55.89	113.75	End Shut-In(2)
157	1987.03	114.41	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing J**

Deviated: No Whipstock: ft (KB)

Test Type: Conventional Bottom Hole (Initial)

Time Tool Opened:

Tester: Chad F Geist

Time Test Ended:

Unit No: 1

Interval: 3988.00 ft (KB) To 4006.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 4006.00 ft (KB) (TVD)

2492.00 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: 2023.10.24

End Date: 2023.10.25

Last Calib.: 1899.12.30

Start Time: 19:50:22

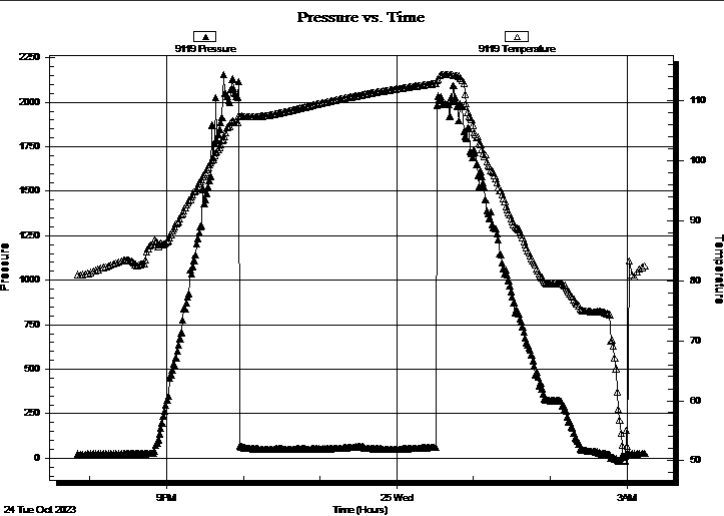
End Time: 03:14:45

Time On Btm:

Time Off Btm:

TEST COMMENT: 60-30-30-30

IO: 1.5" in 30 mins and began to die off. Finished out at 1"
BB: NA



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
10.00	Mud	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 00:00:00

Tool Information

Drill Pipe:	Length: 3979.00 ft	Diameter:	inches	Volume: 3865290 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:	75000.00 lb
				Total Volume: - bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:	19.50 ft				String Weight: Initial	50000.00 lb
Depth to Top Packer:	3988.00 ft				Final	50000.00 lb
Depth to Bottom Packer:	ft					
Interval between Packers:	18.00 ft					
Tool Length:	46.50 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			3964.50		
Hydraulic tool	6.00			3970.50		
Jars	4.00			3974.50		
Safety Joint	2.50			3977.00		
Top Packer	6.50			3983.50		
Packer	4.50			3988.00	28.50	Bottom Of Top Packer
Anchor	13.00			4001.00		
Recorder	0.00	9119	Inside	4001.00		
Recorder	0.00	9139	Outside	4001.00		
Bullnose	5.00			4006.00	18.00	Anchor Tool
Total Tool Length:	46.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
10.00	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

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 3

ATTN: Chris Leiker & Mike

Test Start: 2023.10.09 @ 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



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita KS 67205

ATTN: Chris Leiker & Mike

Schuster #1-28

N2-SE-SE-SW 25-10-25 Graham

Start Date: 2023.10.11 @ 00:00:00

End Date:

Job Ticket #: 01608

DST #: 4

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

Printed: 2023.10.24 @ 14:43:50



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lans H- 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: 3942.00 ft (KB) To 4025.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 4091.00 ft (KB) (TVD)

2492.00 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: 2023.10.25 End Date: 2023.10.25

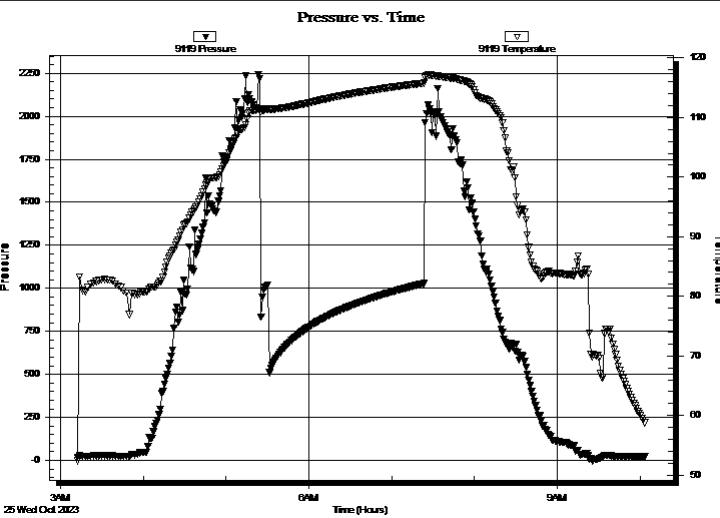
Last Calib.: 1899.12.30

Start Time: 03:12:25 End Time: 10:03:48

Time On Btm:

Time Off Btm:

TEST COMMENT:



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
45.00	100% DM	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lans H- 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: 3942.00 ft (KB) To 4025.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 4091.00 ft (KB) (TVD)

2492.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 97.60 psig @ ft (KB)

Capacity: psig

Start Date: 2023.10.25

End Date: 2023.10.25

Last Calib.: 1899.12.30

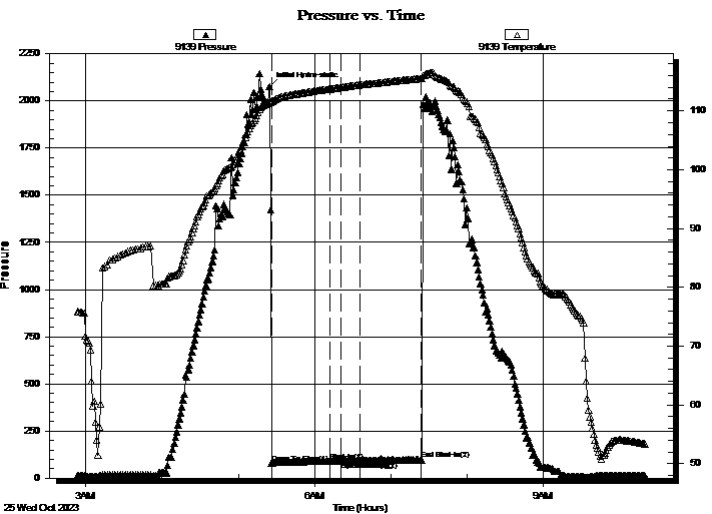
Start Time: 02:53:35

End Time: 10:19:58

Time On Btm: 2023.10.25 @ 05:24:28

Time Off Btm:

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2078.13	111.53	Initial Hydro-static
2	81.28	111.55	Open To Flow (1)
48	89.05	113.72	Shut-In(1)
56	89.85	113.98	End Shut-In(1)
57	91.20	114.00	Open To Flow (2)
71	91.90	114.42	Shut-In(2)
120	97.60	115.51	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
45.00	100% DM	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 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:	75000.00 lb
					Total Volume:	- bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	54000.00 lb
Depth to Top Packer:		ft					Final	54000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	181.00	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	63.00			90.75	
Change Over Sub	0.75			91.50	
Anchor	14.00			105.50	
Recorder	0.00		Inside	105.50	
Recorder	0.00		Outside	105.50	
Blank Off Sub	1.00			106.50	
Packer - Shale	5.00			111.50	
Change Over Sub	0.75			112.25	
Drill Pipe	63.00	9119	Inside	175.25	
Change Over Sub	0.75	9139	Outside	176.00	
Anchor	0.00			176.00	
Recorder	0.00			176.00	
Bullnose	5.00			181.00	181.00
					Anchor Tool

Total Tool Length: 181.00



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.39 in³

Gas Cushion Type:

Resistivity: 0.00 ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	100% DM	

Total Length: 45.00 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

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 4

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 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



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita KS 67205

ATTN: Chris Leiker & Mike

Schuster #1-28

N2-SE-SE-SW 25-10-25 Graham

Start Date: 2023.10.11 @ 00:00:00

End Date:

Job Ticket #: 01608

DST #: 5

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530

620-791-7394

Printed: 2023.10.24 @ 14:44:29



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

GENERAL INFORMATION:

Formation: **Toronto - Lans A**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

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

Reference Elevations: 2500.00 ft (KB)

Total Depth: 4091.00 ft (KB) (TVD)

2492.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 1064.69 psig @ ft (KB)

Capacity: psig

Start Date: 2023.10.25

End Date: 2023.10.25

Last Calib.: 1899.12.30

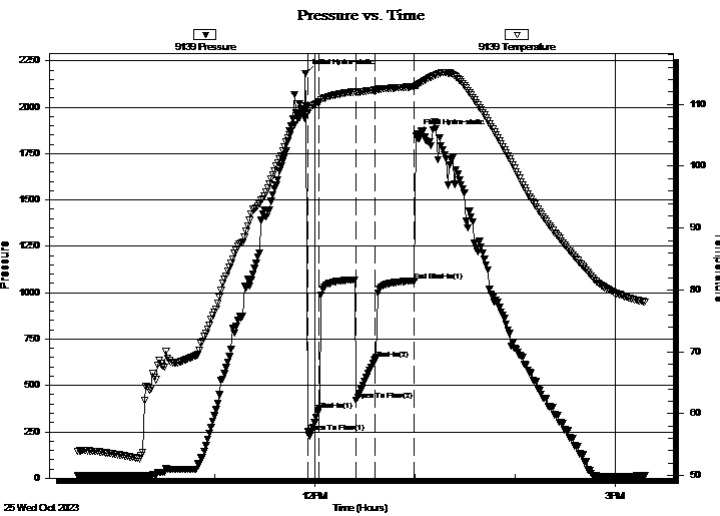
Start Time: 09:37:33

End Time: 15:17:33

Time On Btm: 2023.10.25 @ 11:54:03

Time Off Btm: 2023.10.25 @ 13:01:03

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2183.28	108.91	Initial Hydro-static
2	249.38	108.64	Open To Flow (1)
8	365.60	110.38	Shut-In(1)
31	419.23	111.90	Open To Flow (2)
42	642.90	112.30	Shut-In(2)
66	1064.69	112.86	End Shut-In(1)
67	1855.23	113.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud	
1260.00	MCW	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

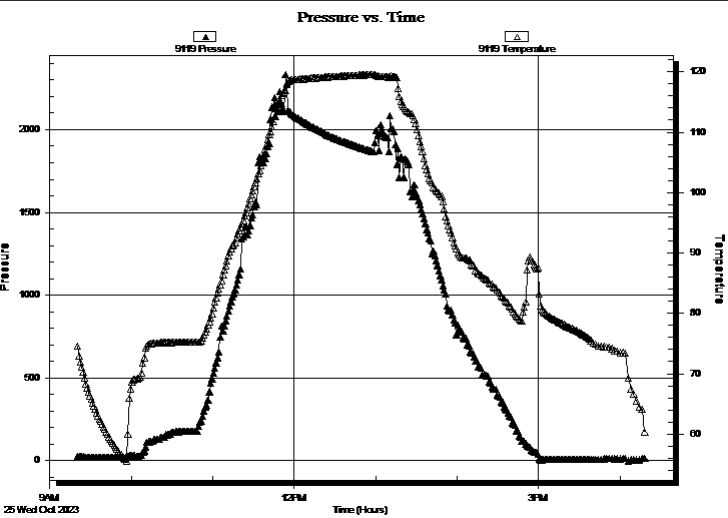
GENERAL INFORMATION:

Formation: **Toronto - Lans A**
 Deviated: No Whipstock: ft (KB)
 Test Type: Conventional Straddle (Initial)
 Time Tool Opened:
 Tester: Chad F Geist
 Time Test Ended:
 Unit No: 1
 Interval: ft (KB) To ft (KB) (TVD)
 Reference Elevations: 2500.00 ft (KB)
 Total Depth: 4091.00 ft (KB) (TVD) 2492.00 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: 2023.10.25 End Date: 2023.10.25 Last Calib.: 1899.12.30
 Start Time: 09:20:32 End Time: 16:19:02 Time On Btm:
 Time Off Btm:

TEST COMMENT:



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud	
1260.00	MCW	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 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:	75000.00 lb
					Total Volume:	- bbl	Tool Chased	3.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	54000.00 lb
Depth to Top Packer:		ft					Final	61000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:		ft						
Number of Packers:	3		Diameter:	6.75	inches			
Tool Comments:								

Tool Description	Length (ft)	Serial No.	Position	Depth (ft)	Accum. Lengths
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	0.00			0.00	0.00
--	------	--	--	------	------

Total Tool Length:



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbbl

Water Loss: 5.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud	
1260.00	MCW	

Total Length: 1380.00 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

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 5

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

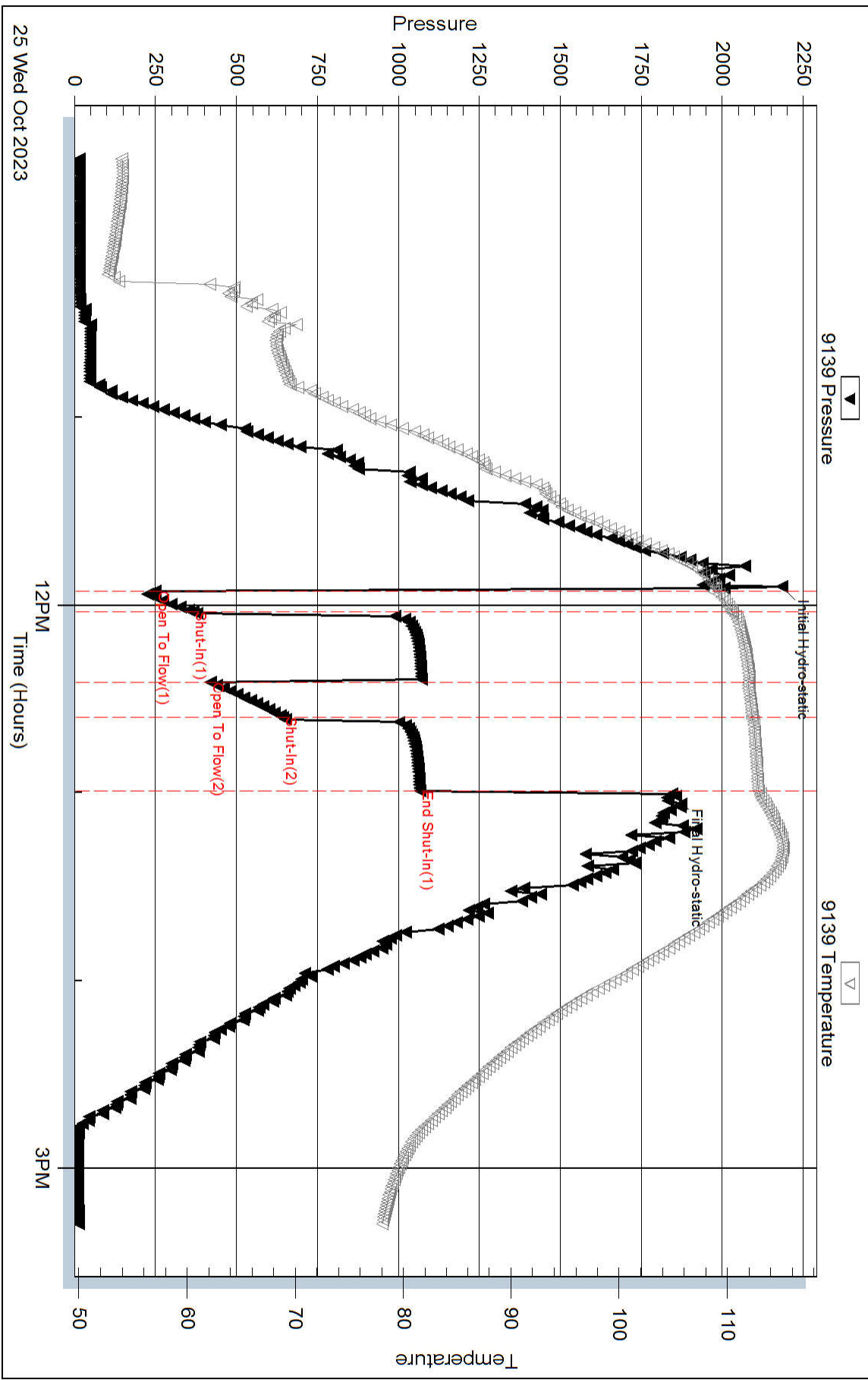
Gas Rates Information

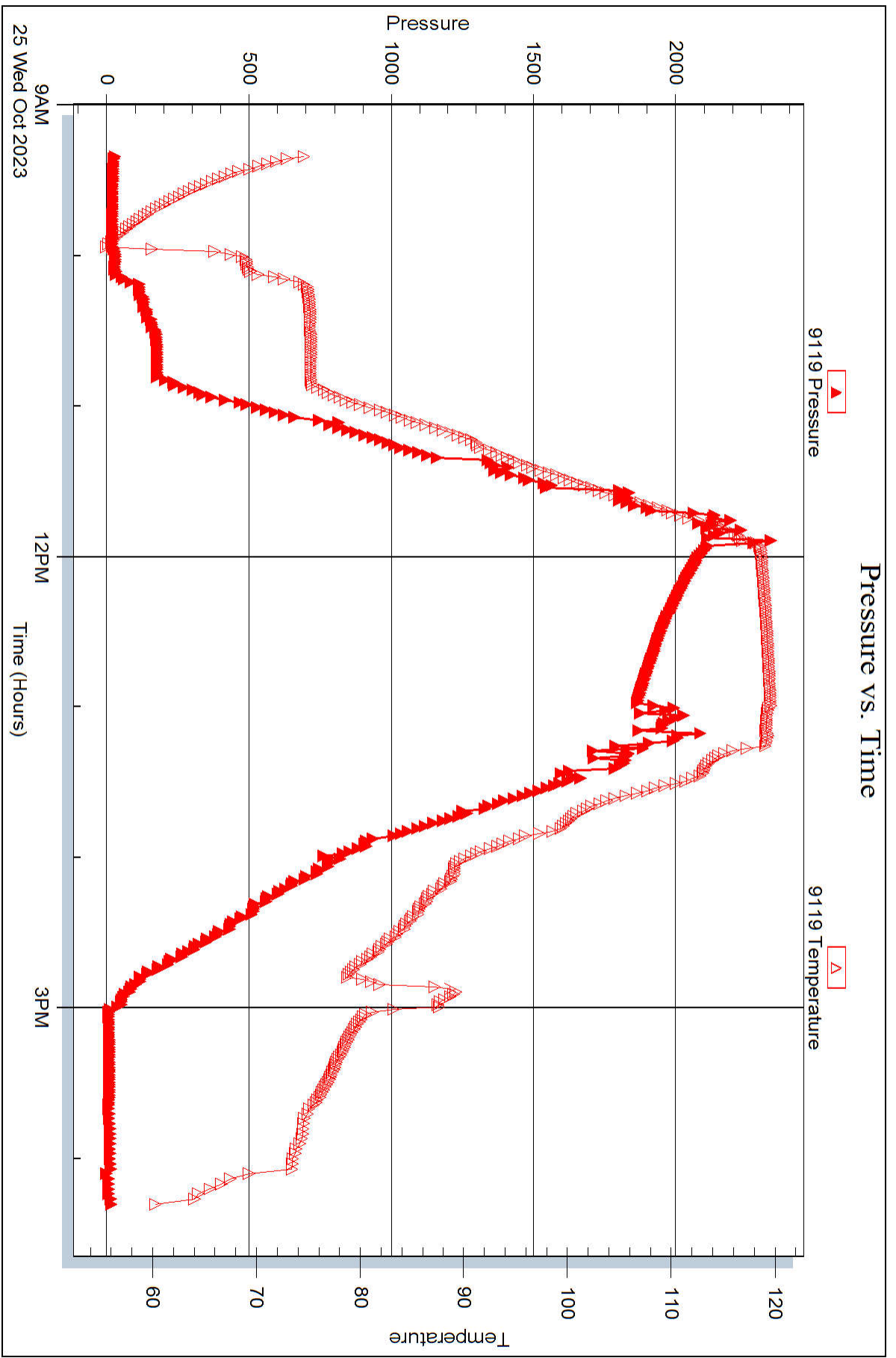
Temperature: 59 (deg F)
Relative Density: 0.65
Z Factor: 0.8

Gas Rates Table

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

Pressure vs. Time







DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita KS 67205

ATTN: Chris Leiker & Mike

Schuster #1-28

N2-SE-SE-SW 25-10-25 Graham

Start Date: 2023.10.11 @ 00:00:00

End Date:

Job Ticket #: 01608

DST #: 6

Eagle Testers

1309 Patton Road Great Bend, Kansas 67530

620-791-7394

Printed: 2023.10.24 @ 14:45:31



DRILL STEM TEST REPORT

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 6

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lans F**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Straddle (Initial)

Tester: Chad F Geist

Unit No: 1

Interval: 3890.00 ft (KB) To 3912.00 ft (KB) (TVD)

Reference Elevations: 2500.00 ft (KB)

Total Depth: 4091.00 ft (KB) (TVD)

2492.00 ft (CF)

Hole Diameter: 7.88 inches Hole Condition: Poor

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 1097.21 psig @ ft (KB)

Capacity: psig

Start Date: 2023.10.13

End Date: 2023.10.13

Last Calib.: 1899.12.30

Start Time: 02:04:58

End Time: 09:25:57

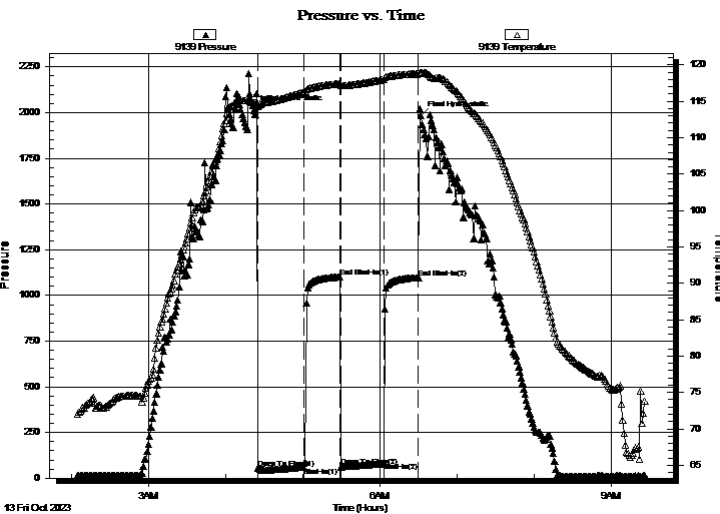
Time On Btm: 2023.10.13 @ 04:21:58

Time Off Btm: 2023.10.13 @ 06:31:58

TEST COMMENT: 30-30-30-30

IO: Built to 3" in 30 mins

BB: NA



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2013.71	114.82	Initial Hydro-static
3	53.82	114.31	Open To Flow (1)
39	60.40	116.28	Shut-In(1)
67	1100.72	117.40	End Shut-In(1)
68	62.62	117.15	Open To Flow (2)
101	84.20	118.03	Shut-In(2)
128	1097.21	118.76	End Shut-In(2)
130	1984.52	118.94	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
45.00	Mud	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

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Wichita KS 67205

Schuster #1-28

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DST#: 6

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Test Start: 2023.10.11 @ 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:	75000.00 lb
					Total Volume:	- bbl	Tool Chased	1.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	54000.00 lb
Depth to Top Packer:		ft					Final	lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	226.50	ft						
Number of Packers:	3		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	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	16.00			43.00		
Recorder	0.00		Inside	43.00		
Recorder	0.00		Outside	43.00		
Blank Off Sub	1.00			44.00		
Packer - Shale	5.00			49.00		
Change Over Sub	0.75			49.75		
Drill Pipe	157.00	9119	Inside	206.75		
Change Over Sub	0.75	9139	Outside	207.50		
Anchor	14.00			221.50		
Recorder	0.00			221.50		
Bullnose	5.00			226.50	226.50	
						Anchor Tool
Total Tool Length:	226.50					



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 6

ATTN: Chris Leiker & Mike

Test Start: 2023.10.11 @ 00:00:00

Mud and Cushion Information

Mud Type: Gel Chem

Cushion Type:

Oil API:

deg API

Mud Weight: 9.00 lb/gal

Cushion Length:

ft

Water Salinity:

ppm

Viscosity: 51.00 sec/qt

Cushion Volume:

bbl

Water Loss: 5.39 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 1500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
45.00	Mud	

Total Length: 45.00 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

N2-SE-SE-SW 25-10-25 Graham

3032 N Cortina St.
Wichita KS 67205

Schuster #1-28

Job Ticket: 01608

DST#: 6

ATTN: Chris Leiker & Mike

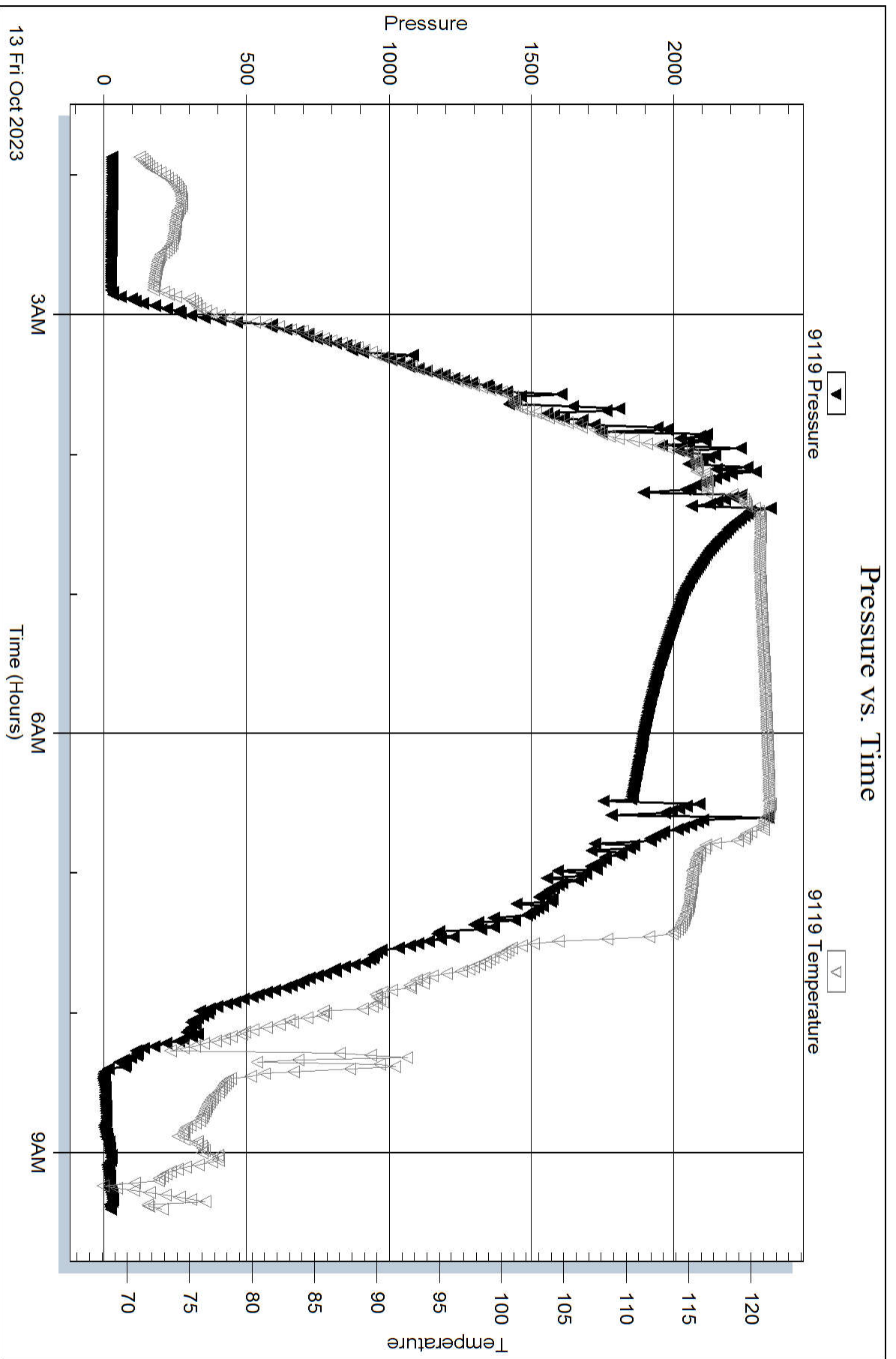
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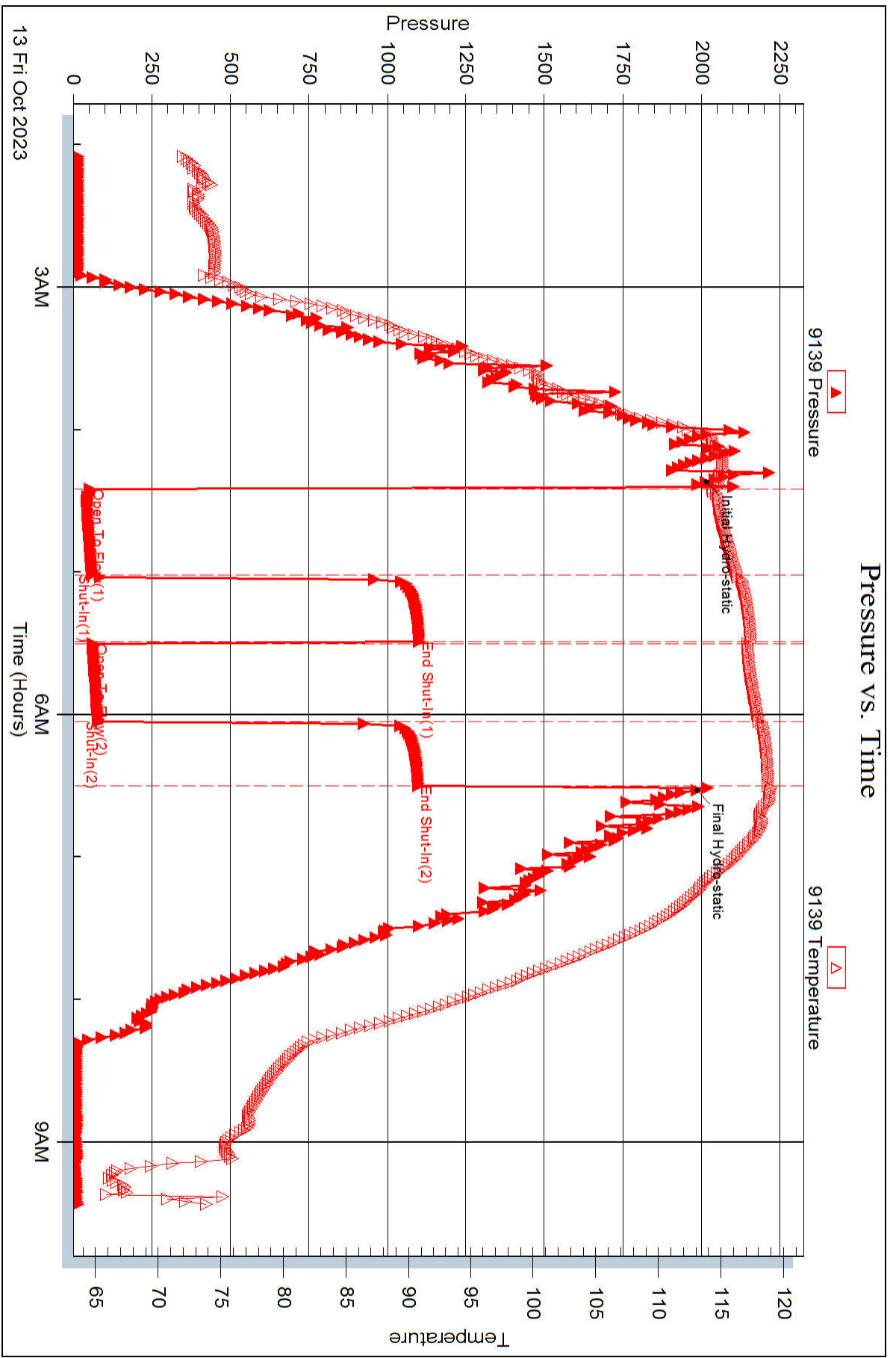
Gas Rates Information

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





Sean P. Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY **Satchell Creek Petroleum, LLC**
 LEASE **Schuster #1-28**
 FIELD **Wildcat**
 LOCATION **349° FSL & 2310' F.W.L.**
 SEC **28** TWPSP **10S** RGE **25W**
 COUNTY **Graham** STATE **Kansas**
 CONTRACTOR **Feature Drilling Rig #3**
 SPUD **10/1/23** COMP **10/10/23**
 RTD **4090'** LTD **4085'**
 MUD UP **3300'** TYPE MUD **Chemical**

ELEVATIONS
 KB **2500'**
 DF _____
 GL **2492'**
 Measurements Are All From Kelly Bushing

CASING
 CONDUCTOR _____
 SURFACE **8-5/8" at 223'**
 PRODUCTION _____
 ELECTRICAL SURVEYS
 Midwest
 CND/DIL _____
 REFERENCE WELL _____

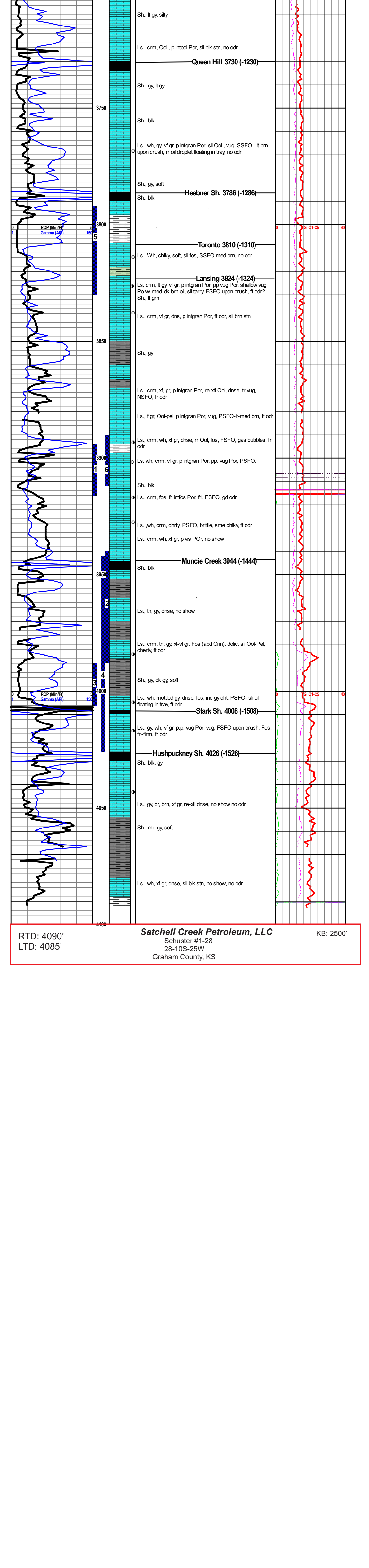
SAMPLES SAVED FROM **3600'** TO **RTD**
 DRILLING TIME KEPT FROM **3600'** TO **RTD**
 SAMPLES EXAMINED FROM **3400'** TO **RTD**
 GEOLOGICAL SUPERVISION FROM **3400'**
 REFERENCE WELL _____

Formation	Sample Tops	E-log Tops	Structure
Heebner Sh.	3786 (-1286)		
Lansing	3824 (-1324)		
Stark Sh.	4008 (-1508)		
Hushpuckney Sh.	4026 (-1526)		

REMARKS The Schuster #1-28 will be plugged and abandoned.

Respectfully Submitted,

Sean P. Deenihan



RTD: 4090'
 LTD: 4085'

Satchell Creek Petroleum, LLC
 Schuster #1-28
 28-10S-25W
 Graham County, KS

KB: 2500'