

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
--	---

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	WORCESTER A 6-22
Doc ID	1733648

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	3549	3554			2500 gal 20% HCL
4	3566	3568			2500 gal 20% HCL
4	3591	3593			2500 gal 20% HCL
4	3664	3666			250 gal 20% HCL
4	3692	3698			250 gal 20% HCL
4	3780	3782			250 gal 20% HCL
4	3840	3844	CIBP Cast Iron Bridge Plug	3800	250 gal 20% HCL

Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY **Satchell Creek Petroleum, LLC**
 LEASE **Worcester A #6-22**

FIELD **Wildcat**
 LOCATION **2019' FNL & 973' FWL**
 SEC **22** TWPSP **7S** RGE **22W**
 COUNTY **Graham** STATE **Kansas**

CONTRACTOR **Feature Drilling Rig #2**
 SPUD **5/29/23** COMP **6/6/23**
 RTD **3900'** LTD **3900'**
 MUD UP **3100'** TYPE MUD **Chemical**

SAMPLES SAVED FROM **3100'** TO **RTD**
 DRILLING TIME KEPT FROM **3100'** TO **RTD**
 SAMPLES EXAMINED FROM **3100'** TO **RTD**

CONDUCTOR **CASING**
 SURFACE **8-5/8" at 264'**
 PRODUCTION **NONE**
ELECTRICAL SURVEYS
 GND/DIL
 MIC/SON

MEASUREMENTS ARE ALL FROM **Kelly Bushing**

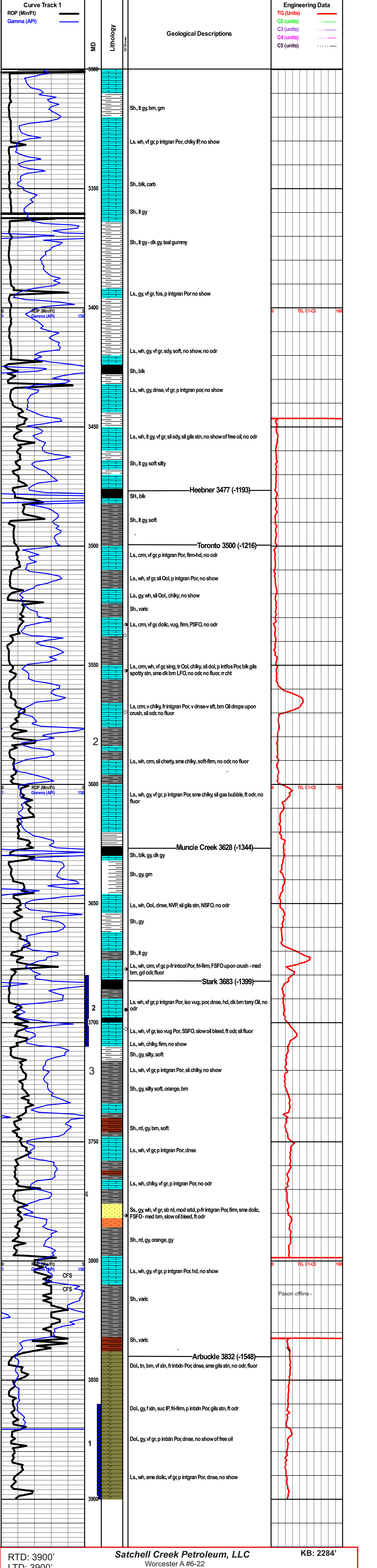
Formation	Sample Tops	E-log Tops	Struct. Foss.
Heebner Sh		3477 (-1193)	
Lanshire		3518 (-1234)	
Stark Shale		3683 (-1399)	
BKC		3710 (-1426)	
Arbuckle		3832 (-1548)	



REMARKS **The Worcester A #6-22 had several shows of oil and the decision was made to further evaluate this well through production casing. 2 Straddle DST's were attempted, but they only recovered mud and were likely misruns.**

Respectfully Submitted,

Sean P. Deenihan



RTD: 3900'
 LTD: 3900'

Satchell Creek Petroleum, LLC
 Worcester A #6-22
 22-7S-22W
 Graham County, KS

KB: 2284'



CEMENT TREATMENT REPORT

Customer: Satchell Creek	Well: Worcester A #6-22	Ticket: WP 4346
City, State: Hill City KS	County: Graham KS	Date: 6/1/2023
Field Rep: Derrick	S-T-R: 22-7N-22W	Service: Surface

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12 1/4 in	Blend:	HXH-325	Blend:	
Hole Depth:	265 ft	Weight:	14.8 ppg	Weight:	ppg
Casing Size:	8 5/8 in	Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	255 ft	Yield:	1.41 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	0.0735 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	255 ft	Depth:	ft
Tool / Packer:		Annular Volume:	18.7 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	15.2 bbls	Total Slurry:	46.4 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	185 sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
4:50 AM			-	-	Arrived on location
5:00 AM				-	Safety meeting
5:10 AM				-	Rigged up
7:15 AM				-	Casing on bottom
7:46 AM				-	Circulated mud
7:54 AM	3.5	100.0	5.0	5.0	Water ahead
7:56 AM	4.7	350.0	46.4	51.4	Mixed 185 sacks HXH-325 cement @ 14.8 ppg
8:06 AM	4.2	175.0	15.2	66.6	Begin displacement
8:10 AM		100.0		66.6	Plug down and shut in with 2 bbls/8 sacks cement circulated to pit
8:12 AM				66.6	Washed up and rigged down
8:45 AM				66.6	Left location

CREW		UNIT	SUMMARY		
Cementer:	John	947	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose V	208	4.1 bpm	181 psi	67 bbls
Bulk #1:	Jake	528-530			
Bulk #2:					



CEMENT TREATMENT REPORT

Customer: Satchell Creek	Well: Worcester A #6-22	Ticket: WP 4376
City, State: Hill City KS	County: Graham KS	Date: 6/9/2023
Field Rep: Jay Krier	S-T-R: 22-7S-22W	Service: Longstring

Downhole Information	Calculated Slurry - Lead	Calculated Slurry - Tail
Hole Size: 7 7/8 in	Blend: H-Plug A	Blend: H-LD
Hole Depth: 3900 ft	Weight: 13.8 ppg	Weight: 14.8 ppg
Casing Size: 5 1/2 in	Water / Sx: 6.9 gal / sx	Water / Sx: 6.5 gal / sx
Casing Depth: 3899 ft	Yield: 1.42 ft ³ / sx	Yield: 1.51 ft ³ / sx
Tubing / Liner: in	Annular Bbls / Ft.: bbs / ft.	Annular Bbls / Ft.: 0.0309 bbs / ft.
Depth: ft	Depth: ft	Depth: 3899 ft
Tool / Packer: Port Collar	Annular Volume: 0.0 bbls	Annular Volume: 120.4791 bbls
Tool Depth: 1925 ft	Excess:	Excess:
Displacement: 92.6 bbls	Total Slurry: 12.6 bbls	Total Slurry: 45.7 bbls
	Total Sacks: 50 sx	Total Sacks: 170 sx

TIME	RATE	PSI	STAGE	TOTAL	REMARKS
			BBLs	BBLs	
6:45 PM			-	-	Arrived on location
6:55 PM			-	-	Safety meeting
7:05 PM			-	-	Rigged up
9:10 PM			-	-	Casing on bottom
9:33 PM			-	-	Circulated mud
11:00 PM	4.0	225.0	10.0	10.0	Water ahead
11:03 PM	4.0	250.0	12.0	22.0	Pump 500 gallons mud flush
11:07 PM	4.0	250.0	10.0	32.0	Water behind
11:14 PM	2.0	100.0	7.5	39.5	Mixed 50 sacks H-Plug A cement @ 13.8 ppg for rat hole plug
11:20 PM	4.5	250.0	45.7	85.2	Mixed 170 H-LD cement @ 14.8 ppg
11:34 PM				85.2	Shut down, loaded plug, cleared pump and lines
11:42 PM	6.5	250.0	82.6		Begin displacement with 2% KCL in first 40 bbls
11:55 PM	3.0	750.0			Slowed down to 3 bpm 10 bbls to go
11:58 PM		1,600.0			Plug down with 850 landing psi and 1600 bump psi
12:00 AM					Released pressure plug held with 3/4 bbl back to tank
12:02 AM					Washed up and rigged down
12:40 AM					Left location

	CREW	UNIT	SUMMARY		
			Average Rate	Average Pressure	Total Fluid
Cementer:	John	947	4.0 bpm	459 psi	168 bbls
Pump Operator:	Jose V	208			
Bulk #1:	Jake	194-235			
Bulk #2:					

AP



QUALITY OILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
Phone: 785-324-1041 fax: 785-483-1087
Email: cementing@ruraltel.net

Date: 10/6/2023
Invoice # 3793

P.O.#:
Due Date: 11/5/2023
Division: Russell

Invoice

Contact:
Satchell Creek
Address/Job Location:

4320 Vine St. Ste 80
HAYS KS 67601

Reference:

~~WORCESTER~~ A 6 22 SEC 22-7-22

Worcester

Description of Work:

PORT COLLAR JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 932.75	No				
Multi Density- 80/20	625	\$ 11,761.36	Yes				
Flo Seal	400	\$ 836.36	Yes				
Bulk Truck Material Service Charge	800	\$ 836.36	No				
Premium Gel (Bentonite)	9	\$ 272.86	Yes				
Pump Truck Mileage-Job to Nearest Camp	55	\$ 258.75	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	55	\$ 201.25	No				

Invoice Terms:

Net 30

SubTotal: \$ 15,099.71

Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice: \$ (377.49)

SubTotal for Taxable Items: \$ 12,548.83

SubTotal for Non-Taxable Items: \$ 2,173.39

Total: \$ 14,722.22

Tax: \$ 941.16

7.50% Graham County Sales Tax

Amount Due: \$ 15,663.38

Applied Payments:

Balance Due: \$ 15,663.38

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

Phone 785-483-1071

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

No. 3793

Cell 785-324-1041

Date <i>10-6-23</i>	Sec. <i>22</i>	Twp. <i>7S</i>	Range <i>22W</i>	County <i>Graham</i>	State <i>KS</i>	On Location	Finish
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Location *Hill City 4E 4N*

Lease <i>Worcester</i>	Well No. <i>A-6-22</i>	Owner
Contractor <i>PROFESSIONAL</i>		To Quality Oilwell Cementing, Inc. You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.
Type Job <i>Port collar</i>		
Hole Size	T.D.	Charge To <i>Satchell Creek</i>
Csg. <i>5 1/2</i>	Depth	Street
Tbg. Size <i>2 3/8</i>	Depth	City
Tool	Depth	State
Cement Left in Csg.	Shoe Joint	The above was done to satisfaction and supervision of owner agent or contractor.
		Cement Amount Ordered <i>800# QMPC 5 1/2"</i>

Meas Line	Displace	<i>900# Gel</i>
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EQUIPMENT

Pumptrk <i>17</i> No.	Cementer	<i>Bill</i>	Common <i>625 80/20 QMPC</i>
	Helper		Poz. Mix
Bulktrk No.	Driver	<i>NICK</i>	Gel. <i>9</i>
	Driver		Calcium
Bulktrk <i>19</i> No.	Driver	<i>DOUG</i>	
	Driver		

JOB SERVICES & REMARKS

Remarks:	Hulls
Rat Hole	Salt
Mouse Hole	Flowseal <i>400#</i>
Centralizers	Kol-Seal
Baskets	Mud CLR 48
D/V or Port Collar	CFL-117 or CD110 CAF 38
<i>P.C e 1876 Test 800#</i>	Sand
<i>Pump & Gel 900#</i>	Handling <i>800</i>
<i>Centy 620#</i>	Mileage
<i>Cemt Did not Circ</i>	

FLOAT EQUIPMENT

	Guide Shoe
	Centralizer
	Baskets
	AFU Inserts
	Float Shoe
	Latch Down

<i>Gel 900#</i>	
<i>620# of Cemt</i>	
	Pumptrk Charge <i>part Collar Job</i>
	Mileage <i>55</i>

X Signature <i>[Signature]</i>	Tax
	Discount
	Total Charge

Thanks



QUALITY GILWELL CEMENTING, INC.

PO Box 32 - 740 West Wichita Ave, Russell KS 67665
 Phone: 785-324-1041 fax: 785-483-1087
 Email: cementing@ruraltel.net

Date: 10/10/2023
 Invoice # 3799

P.O.#:
 Due Date: 11/9/2023
 Division: Russell

Invoice

Contact:
 Satchell Creek
Address/Job Location:

4320 Vine St. Ste 80
 HAYS KS 67601

Reference:
 WORCESTER 6-22 SEC 22-7-22

Description of Work:
 PLUG JOB

Services / Items Included:	Quantity	Price	Taxable	Item	Quantity	Price	Taxable
Labor		\$ 932.75	No				
Common-Class A	70	\$ 1,507.55	Yes				
POZ Mix-Standard	45	\$ 329.32	Yes				
Pump Truck Mileage-Job to Nearest Camp	55	\$ 258.75	No				
Bulk Truck Mileage-Job to Nearest Bulk Plant	55	\$ 201.25	No				
Premium Gel (Bentonite)	4	\$ 121.27	Yes				
Bulk Truck Material-Service Charge	119	\$ 124.41	No				

Invoice Terms:

Net 30

	<i>SubTotal:</i>	\$	3,475.30
	<i>Discount Available ONLY if Invoice is Paid & Received within listed terms of invoice:</i>	\$	(86.88)
<hr/>			
	SubTotal for Taxable Items:	\$	1,909.18
	SubTotal for Non-Taxable Items:	\$	1,479.23
<hr/>			
	Total:	\$	3,388.42
	Tax:	\$	143.19
<hr/>			
	Amount Due:	\$	3,531.61
	Applied Payments:		
	Balance Due:	\$	3,531.61

Thank You For Your Business!

Past Due Invoices are subject to a service charge (annual rate of 24%)
 This does not include any applicable taxes unless it is listed.
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QUALITY OILWELL CEMENTING, INC.

Federal Tax I.D.# 20-2886107

ne 785-483-1071
Cell 785-324-1041

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

No. 3799

Date <u>10-10-23</u>	Sec. <u>22</u>	Twp. <u>7</u>	Range <u>22</u>	County <u>Graham</u>	State <u>KS</u>	On Location	Finish
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Location Hill City 3 E 4 N

Lease WORCESTER Well No. 6-22 Owner

Contractor Professional To Quality Oilwell Cementing, Inc.
You are hereby requested to rent cementing equipment and furnish cementer and helper to assist owner or contractor to do work as listed.

Type Job 1" Charge To Satchell Creek

Hole Size 7 7/8 T.D. Street

Csg. 5 1/2 Depth City State

Tbg. Size Depth The above was done to satisfaction and supervision of owner agent or contractor.

Tool Depth Cement Amount Ordered 115 A 6 3/4 4 1/2

Cement Left in Csg. Shoe Joint

Meas Line Displace EQUIPMENT Common 70

Pumptrk <u>17</u> No. Cementer <u>Bill</u>	Common <u>70</u>
Helper	Poz. Mix <u>45</u>
Bulktrk <u>17</u> No. Driver <u>Jordan</u>	Gel. <u>4</u>
Driver	Calcium
Bulktrk <u>19</u> No. Driver <u>Cory</u>	
Driver	

JOB SERVICES & REMARKS Hulls

Remarks: Salt

Rat Hole Flowseal

Mouse Hole Kol-Seal

Centralizers Mud CLR 48

Baskets CFL-117 or CD110 CAF 38

D/V or Port Collar Sand

Run 1" TO 420 Handling 119

Circ cent of 115 A Mileage

FLOAT EQUIPMENT

Guide Shoe

Centralizer

Baskets

AFU Inserts

Float Shoe

Latch Down

Pumptrk Charge plug

Mileage 55

Signature Tax

Discount

Total Charge

Thanks
ADW



DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita, KS 67205

ATTN: Sean Deenihan & Chri

WorcesterA6-22

Graham 22-7s-22w

Start Date: 2023.06.22 @ 21:59:34

End Date: 2023.06.23 @ 05:08:34

Job Ticket #: 01541 DST #: 2

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

Printed: 2023.06.26 @ 21:11:26



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.22 @ 21:59:34

GENERAL INFORMATION:

Formation: **Lans K - Conglomerat**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 05:08:34

Test Type: Conventional Straddle (Initial)

Tester: Chad

Unit No: 1

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

Total Depth: 3840.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition:

Reference Elevations: 2279.00 ft (KB)

2271.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9119

Press@RunDepth: psig @ ft (KB)

Start Date: 2023.06.22

End Date:

2023.06.23

Capacity: psig

Last Calib.:

1899.12.30

Start Time: 21:59:34

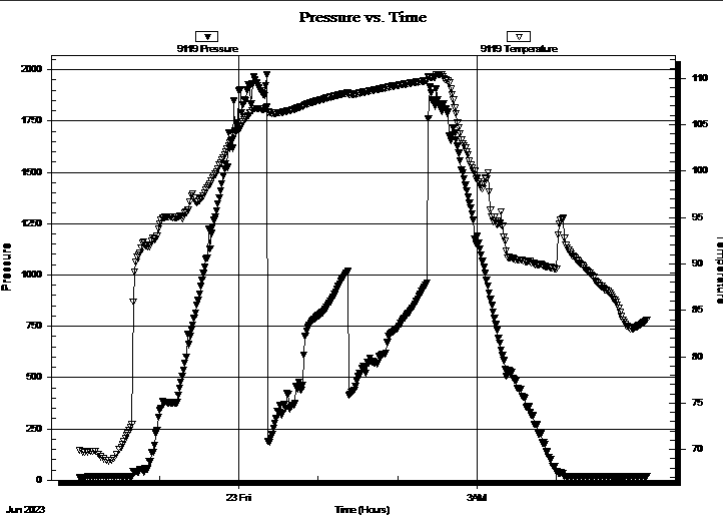
End Time:

05:08:34

Time On Btm:

Time Off Btm:

TEST COMMENT: Initial Blow : bottom o



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
750.00	Mud&Water]	

Gas Rates

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



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.22 @ 21:59:34

GENERAL INFORMATION:

Formation: **Lans K - Conglomerat**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended: 05:08:34

Test Type: Conventional Straddle (Initial)

Tester: Chad

Unit No: 1

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

Total Depth: 3840.00 ft (KB) (TVD)

Hole Diameter: 8.75 inches Hole Condition:

Reference Elevations: 2279.00 ft (KB)

2271.00 ft (CF)

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: psig @ ft (KB)

Start Date: 2023.06.22

End Date:

2023.06.23

Start Time: 20:54:39

End Time:

04:57:32

Capacity: psig

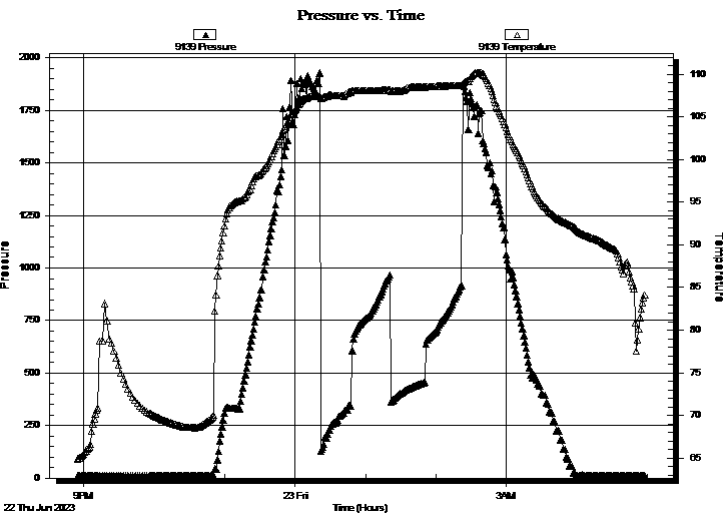
Last Calib.:

1899.12.30

Time On Btm:

Time Off Btm:

TEST COMMENT: Initial Blow : bottom o



PRESSURE SUMMARY

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

Recovery

Length (ft)	Description	Volume (bbl)
750.00	Mud&Water]	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.22 @ 21:59:34

Tool Information

Drill Pipe:	Length:	ft	Diameter:	inches	Volume:	- bbl	Tool Weight:	20000.00 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:	550000.0 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	lb
Depth to Top Packer:		ft					Final	lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	196.00	ft						
Number of Packers:	3		Diameter:	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	0.00			27.75	
Change Over Sub	0.75			28.50	
Anchor	77.00			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	15.00			191.00	
Recorder	0.00			191.00	
Bullnose	5.00			196.00	196.00

Total Tool Length: 196.00

Anchor Tool



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 2

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.22 @ 21:59:34

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: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
750.00	Mud&Water]	

Total Length: 750.00 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 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 2

ATTN: Sean Deenihan & Chri

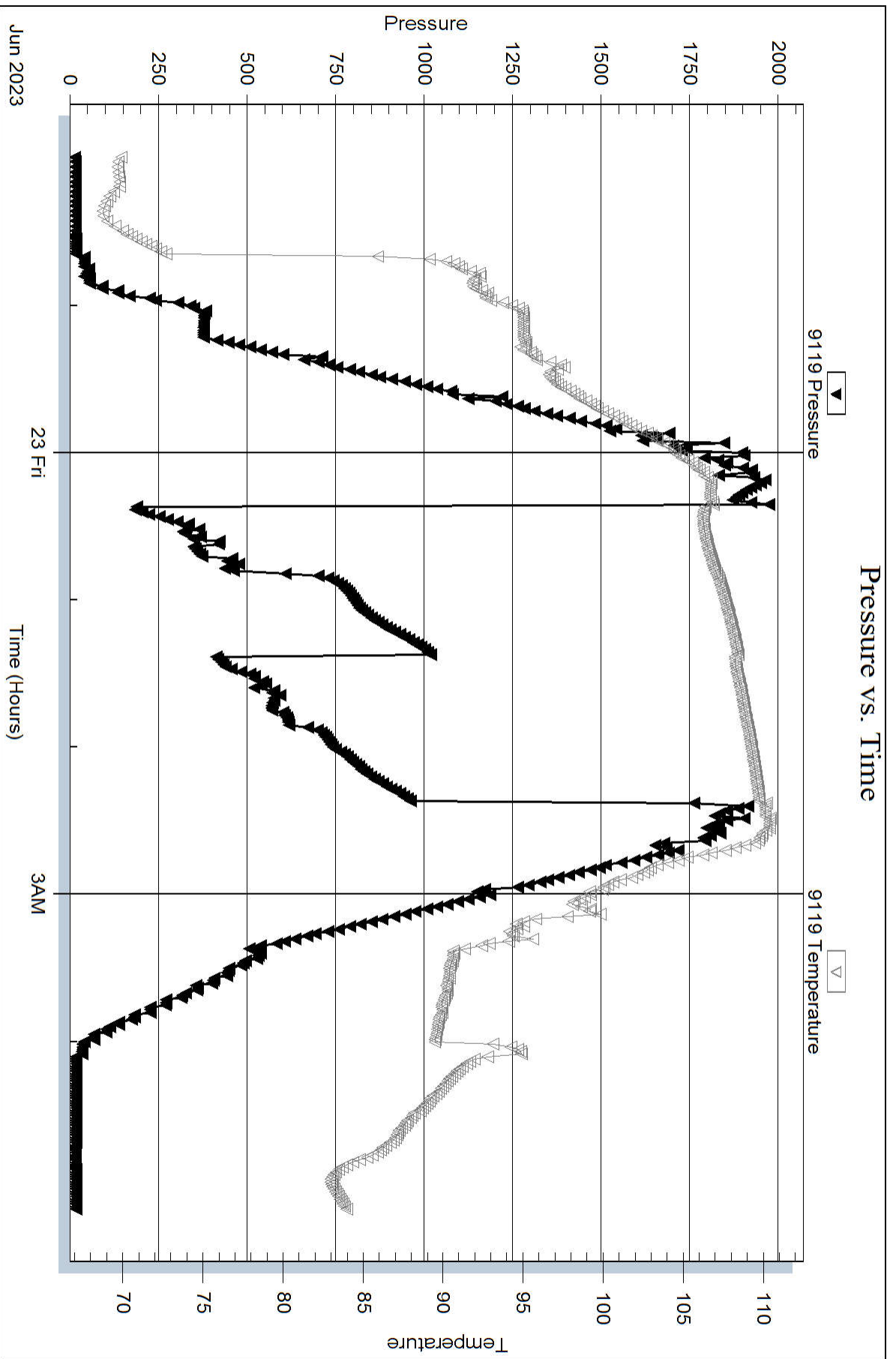
Test Start: 2023.06.22 @ 21:59:34

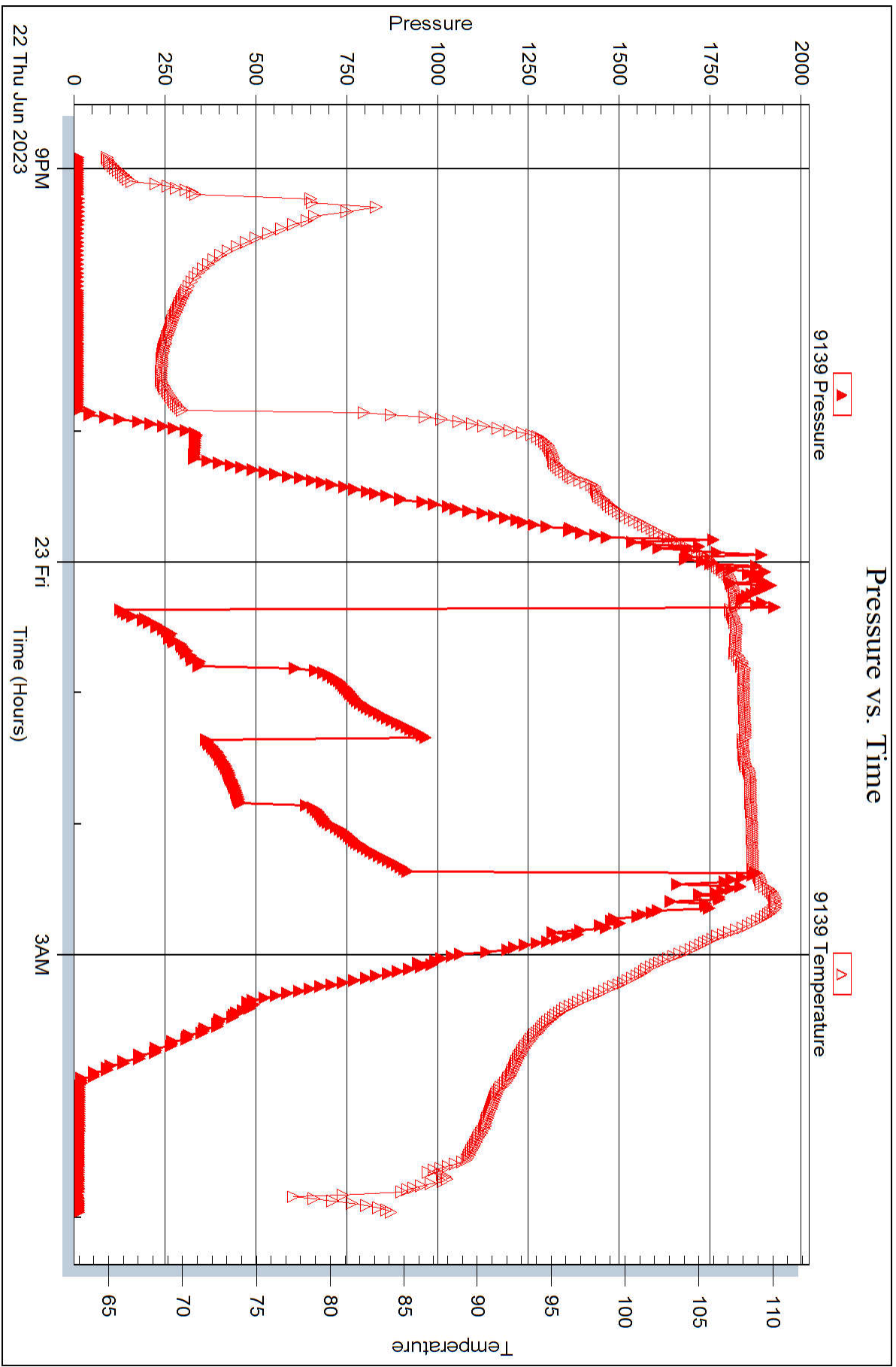
Gas Rates Information

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: Sean Deenihan & Chri

WorcesterA6-22

Graham 22-7s-22w

Start Date: 2023.06.26 @ 00:00:00

End Date:

Job Ticket #: 01541

DST #: 3

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

Printed: 2023.06.26 @ 21:14:06



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.26 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing C**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Straddle (Initial)

Tester: Chad

Unit No: 1

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

Reference Elevations: 2279.00 ft (KB)

Total Depth: 3840.00 ft (KB) (TVD)

2271.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 69.34 psig @ ft (KB)

Capacity: psig

Start Date: 2023.06.21

End Date:

2023.06.22

Last Calib.:

1899.12.30

Start Time: 22:50:52

End Time:

04:37:22

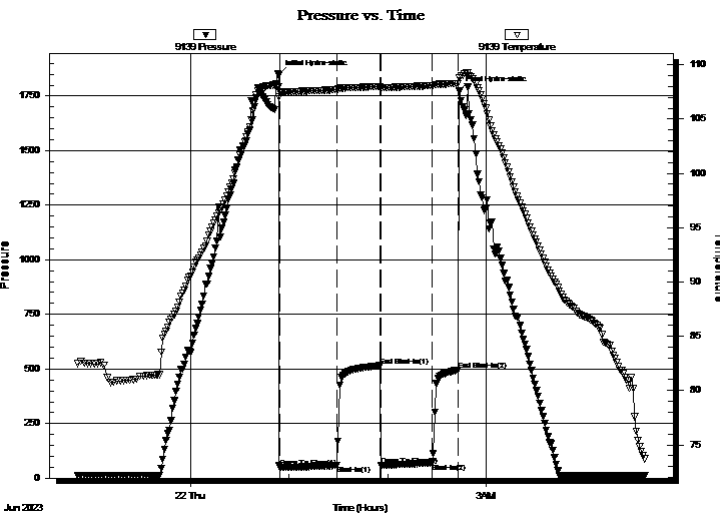
Time On Btm:

2023.06.22 @ 00:53:22

Time Off Btm:

2023.06.22 @ 02:43:52

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1846.88	107.97	Initial Hydro-static
1	49.12	107.50	Open To Flow (1)
36	57.43	107.71	Shut-In(1)
62	515.05	108.00	End Shut-In(1)
63	59.06	107.89	Open To Flow (2)
94	69.34	108.07	Shut-In(2)
110	494.33	108.27	End Shut-In(2)
111	1772.62	108.83	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	Mud/Water	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.26 @ 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:	20000.00 lb
Drill Collar:	Length:	ft	Diameter:	inches	Volume:	- bbl	Weight to Pull Loose:	20000.00 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	32000.00 lb
Depth to Top Packer:		ft					Final	36000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	338.50	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	0.00			27.75	
Change Over Sub	0.75			28.50	
Anchor	15.00			43.50	
Recorder	0.00		Inside	43.50	
Recorder	0.00		Outside	43.50	
Blank Off Sub	1.00			44.50	
Packer - Shale	5.00			49.50	
Change Over Sub	0.00			49.50	
Drill Pipe	284.00	9119	Inside	333.50	
Change Over Sub	0.00	9139	Outside	333.50	
Anchor	0.00			333.50	
Recorder	0.00			333.50	
Bullnose	5.00			338.50	338.50
					Anchor Tool

Total Tool Length: 338.50



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 3

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.26 @ 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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	Mud/Water	

Total Length: 120.00 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 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 3

ATTN: Sean Deenihan & Chri

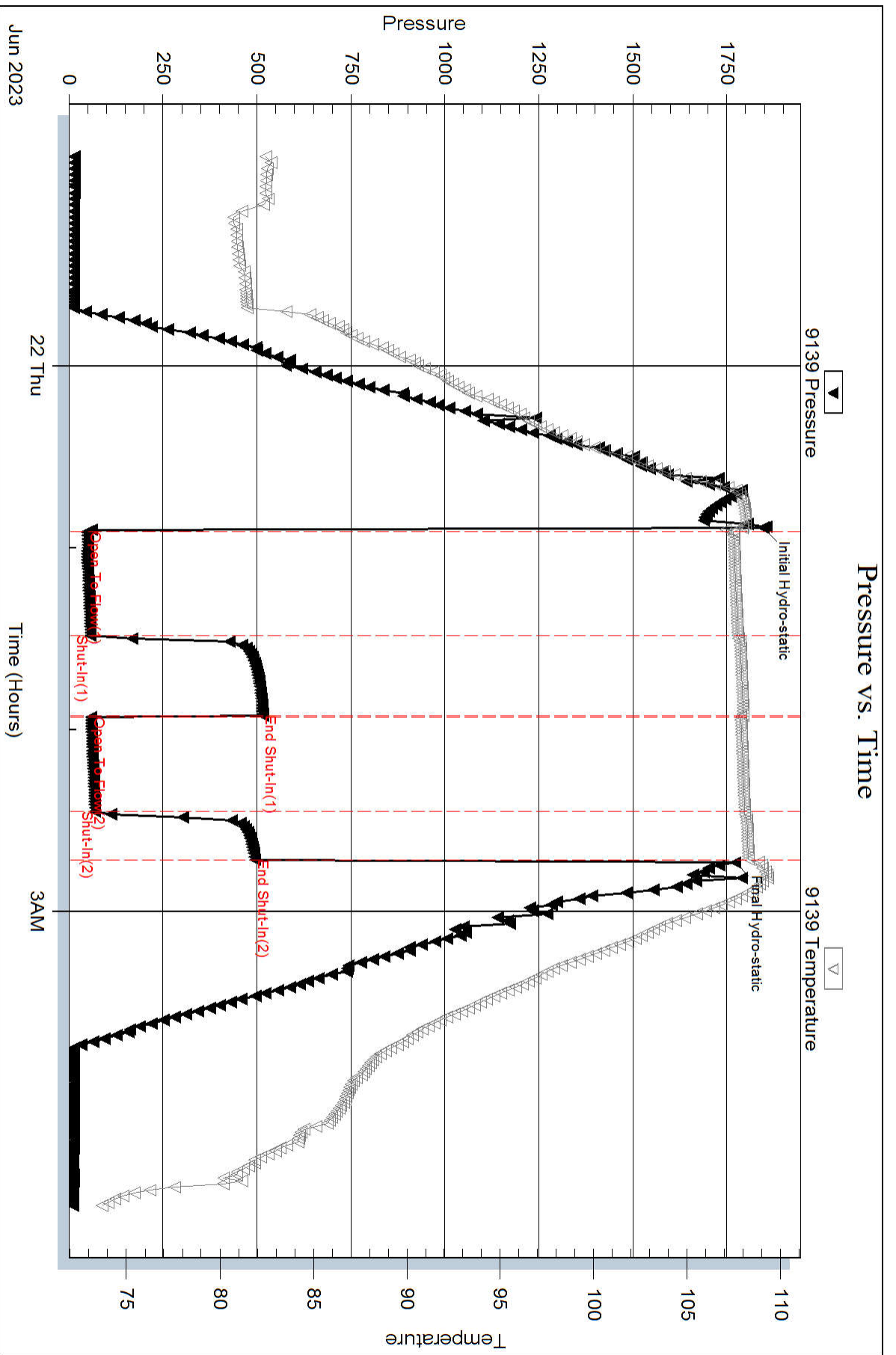
Test Start: 2023.06.26 @ 00:00:00

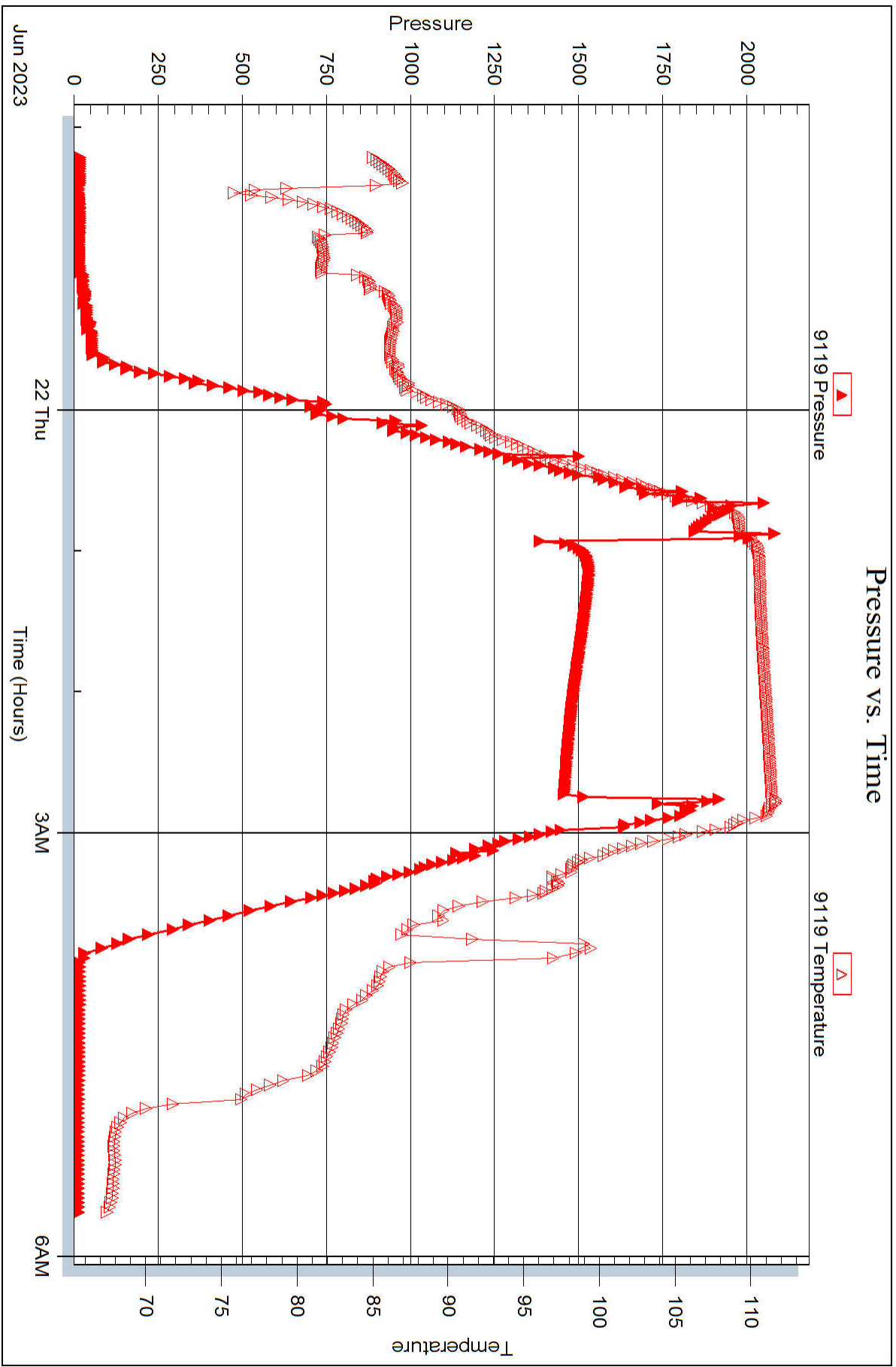
Gas Rates Information

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







DRILL STEM TEST REPORT

Prepared For: **Satchell Creek Petroleum**

3032 N Cortina St.
Wichita, KS 67205

ATTN: Sean Deenihan & Chri

WorcesterA6-22

Graham 22-7s-22w

Start Date: 2023.06.25 @ 01:38:11

End Date: 2023.06.25 @ 07:45:41

Job Ticket #: 01541 DST #: 4

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

Printed: 2023.06.24 @ 20:15:45

Satchell Creek Petroleum

Graham 22-7s-22w

WorcesterA6-22

DST # 4

Lansing K - Conglome

2023.06.25



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 4

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.25 @ 01:38:11

GENERAL INFORMATION:

Formation: **Lansing K - Conglome**

Deviated: No Whipstock: ft (KB)

Time Tool Opened: 04:25:11

Time Test Ended: 07:45:41

Test Type: Conventional Straddle (Initial)

Tester: Chad

Unit No: 1

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

Reference Elevations: 2279.00 ft (KB)

Total Depth: 3840.00 ft (KB) (TVD)

2271.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 304.00 psig @ ft (KB)

Capacity: psig

Start Date: 2023.06.25

End Date:

2023.06.25

Last Calib.:

1899.12.30

Start Time: 01:38:11

End Time:

07:45:41

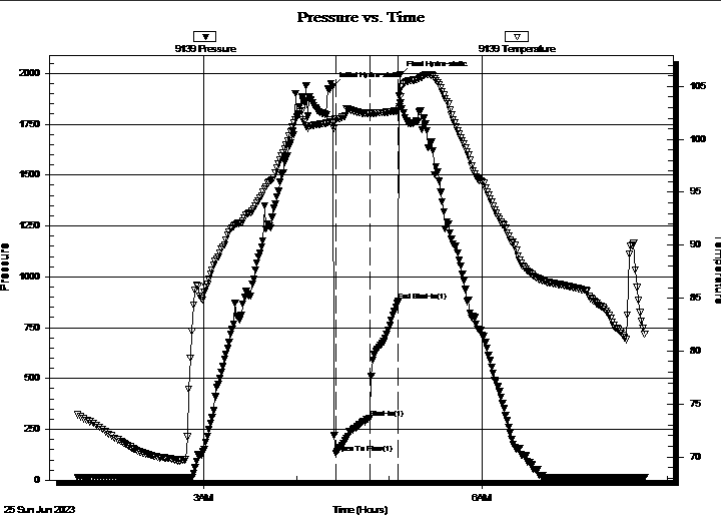
Time On Btm:

2023.06.25 @ 04:23:11

Time Off Btm:

2023.06.25 @ 05:06:41

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1935.19	101.58	Initial Hydro-static
2	131.06	101.92	Open To Flow (1)
24	304.00	102.40	Shut-In(1)
43	881.99	102.70	End Shut-In(1)
44	1991.31	103.07	Final Hydro-static

Recovery

Length (ft)	Description	Volume (bbl)
120.00	watery drilling mud	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 4

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.25 @ 01:38:11

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:	45000.00 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	32000.00 lb
Depth to Top Packer:		ft					Final	32000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	191.50	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	0.00			27.00	
Drill Pipe	0.00			27.00	
Change Over Sub	0.75			27.75	
Anchor	63.00			90.75	
Recorder	22.00		Inside	112.75	
Recorder	0.00		Outside	112.75	
Blank Off Sub	1.00			113.75	
Packer - Shale	5.00			118.75	
Change Over Sub	0.75			119.50	
Drill Pipe	62.00	9119	Inside	181.50	
Change Over Sub	0.00	9139	Outside	181.50	
Anchor	5.00			186.50	
Recorder	0.00			186.50	
Bullnose	5.00			191.50	191.50
					Anchor Tool

Total Tool Length: 191.50



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 4

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.25 @ 01:38:11

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: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
120.00	watery drilling mud	

Total Length: 120.00 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 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 4

ATTN: Sean Deenihan & Chri

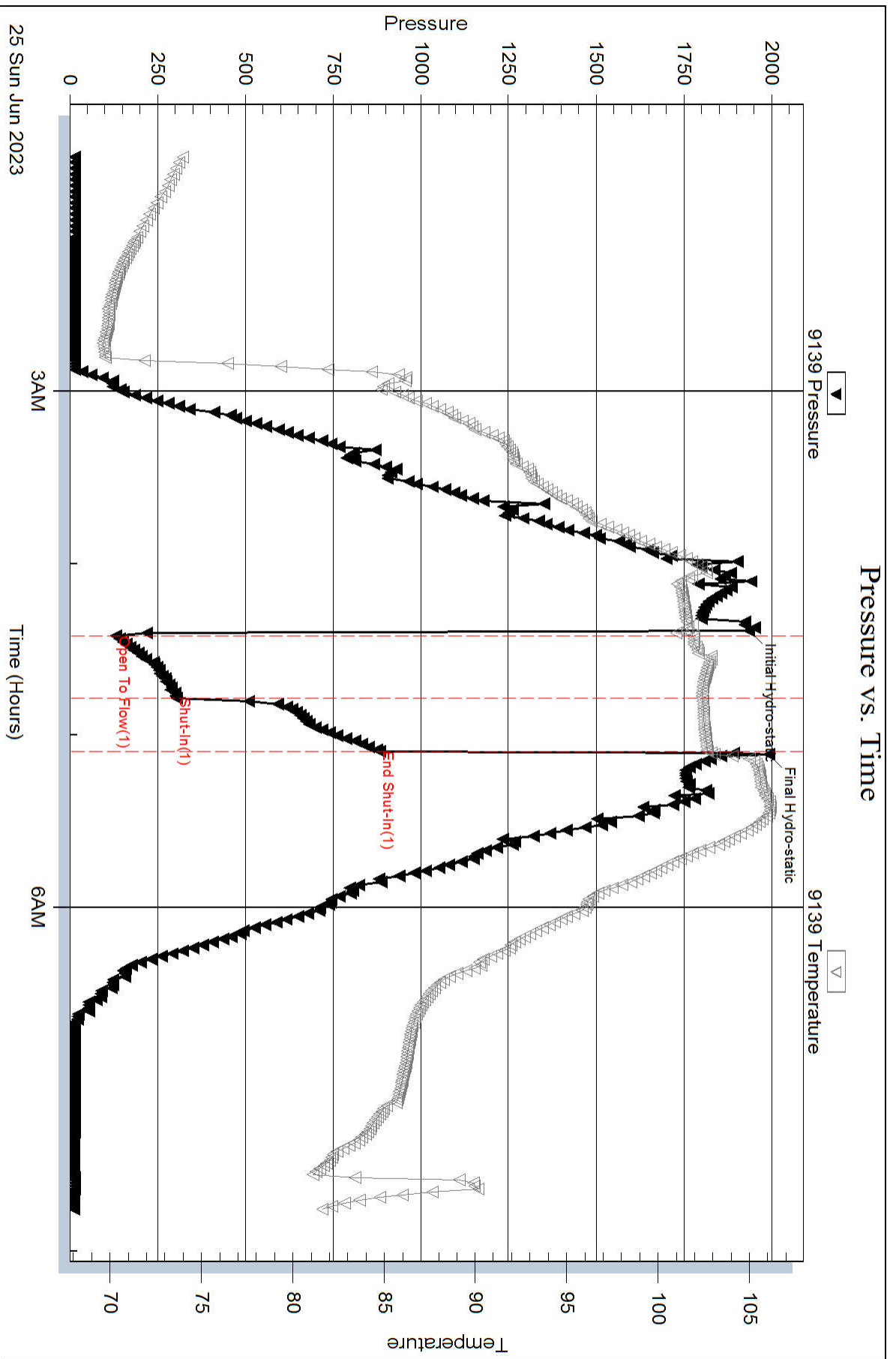
Test Start: 2023.06.25 @ 01:38:11

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: Sean Deenihan & Chri

WorcesterA6-22

Graham 22-7s-22w

Start Date: 2023.06.24 @ 00:00:00

End Date:

Job Ticket #: 01541

DST #: 5

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

Printed: 2023.06.24 @ 20:12:51



DRILL STEM TEST REPORT

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 5

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.24 @ 00:00:00

GENERAL INFORMATION:

Formation: **Lansing K**

Deviated: No Whipstock: ft (KB)

Time Tool Opened:

Time Test Ended:

Test Type: Conventional Straddle (Initial)

Tester: Chad

Unit No: 1

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

Reference Elevations: 2279.00 ft (KB)

Total Depth: 3840.00 ft (KB) (TVD)

2271.00 ft (CF)

Hole Diameter: 8.75 inches Hole Condition:

KB to GR/CF: 8.00 ft

Serial #: 9139

Press@RunDepth: 415.30 psig @ ft (KB)

Capacity: psig

Start Date: 2023.06.25

End Date: 2023.06.25

Last Calib.: 1899.12.30

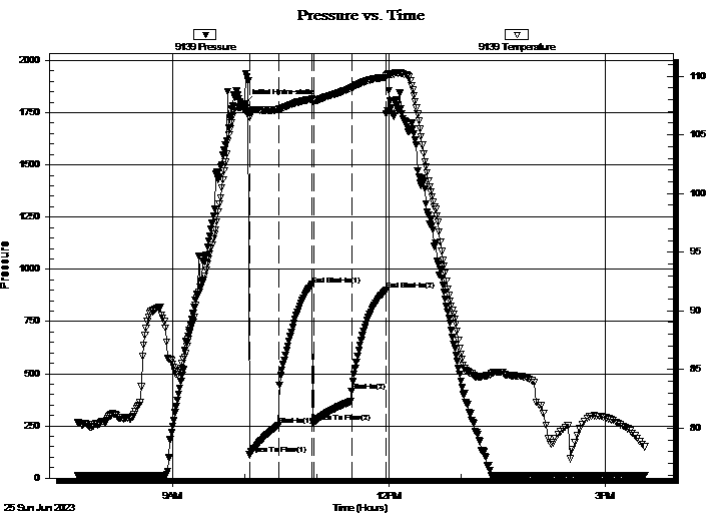
Start Time: 07:40:49

End Time: 15:32:49

Time On Btm: 2023.06.25 @ 10:00:19

Time Off Btm:

TEST COMMENT:



PRESSURE SUMMARY

Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	1791.54	107.31	Initial Hydro-static
4	112.44	106.49	Open To Flow (1)
28	252.47	107.15	Shut-In(1)
56	926.70	108.04	End Shut-In(1)
57	267.60	107.86	Open To Flow (2)
89	415.30	109.03	Shut-In(2)
117	898.79	109.89	End Shut-In(2)

Recovery

Length (ft)	Description	Volume (bbl)
660.00	muddy water mix	

Gas Rates

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



DRILL STEM TEST REPORT

TOOL DIAGRAM

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 5

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.24 @ 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:	15000.00 lb
Drill Collar:	Length:	ft	Diameter:	inches	Volume:	- bbl	Weight to Pull Loose:	45000.00 lb
					Total Volume:	- bbl	Tool Chased	0.00 ft
Drill Pipe Above KB:		ft					String Weight: Initial	32000.00 lb
Depth to Top Packer:		ft					Final	34000.00 lb
Depth to Bottom Packer:		ft						
Interval between Packers:	0.00	ft						
Tool Length:	200.50	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	0.00			27.75	
Change Over Sub	0.00			27.75	
Anchor	30.00			57.75	
Recorder	0.00		Inside	57.75	
Recorder	0.00		Outside	57.75	
Blank Off Sub	1.00			58.75	
Packer - Shale	5.00			63.75	
Change Over Sub	0.75			64.50	
Drill Pipe	124.00	9119	Inside	188.50	
Change Over Sub	0.00	9139	Outside	188.50	
Anchor	7.00			195.50	
Recorder	0.00			195.50	
Bullnose	5.00			200.50	200.50
					Anchor Tool

Total Tool Length: 200.50



DRILL STEM TEST REPORT

FLUID SUMMARY

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 5

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.24 @ 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: 55.00 sec/qt

Cushion Volume:

bbl

Water Loss: 6.79 in³

Gas Cushion Type:

Resistivity: ohm.m

Gas Cushion Pressure:

psig

Salinity: 2500.00 ppm

Filter Cake: 1.00 inches

Recovery Information

Recovery Table

Length ft	Description	Volume bbl
660.00	muddy w ater mix	

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 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 5

ATTN: Sean Deenihan & Chri

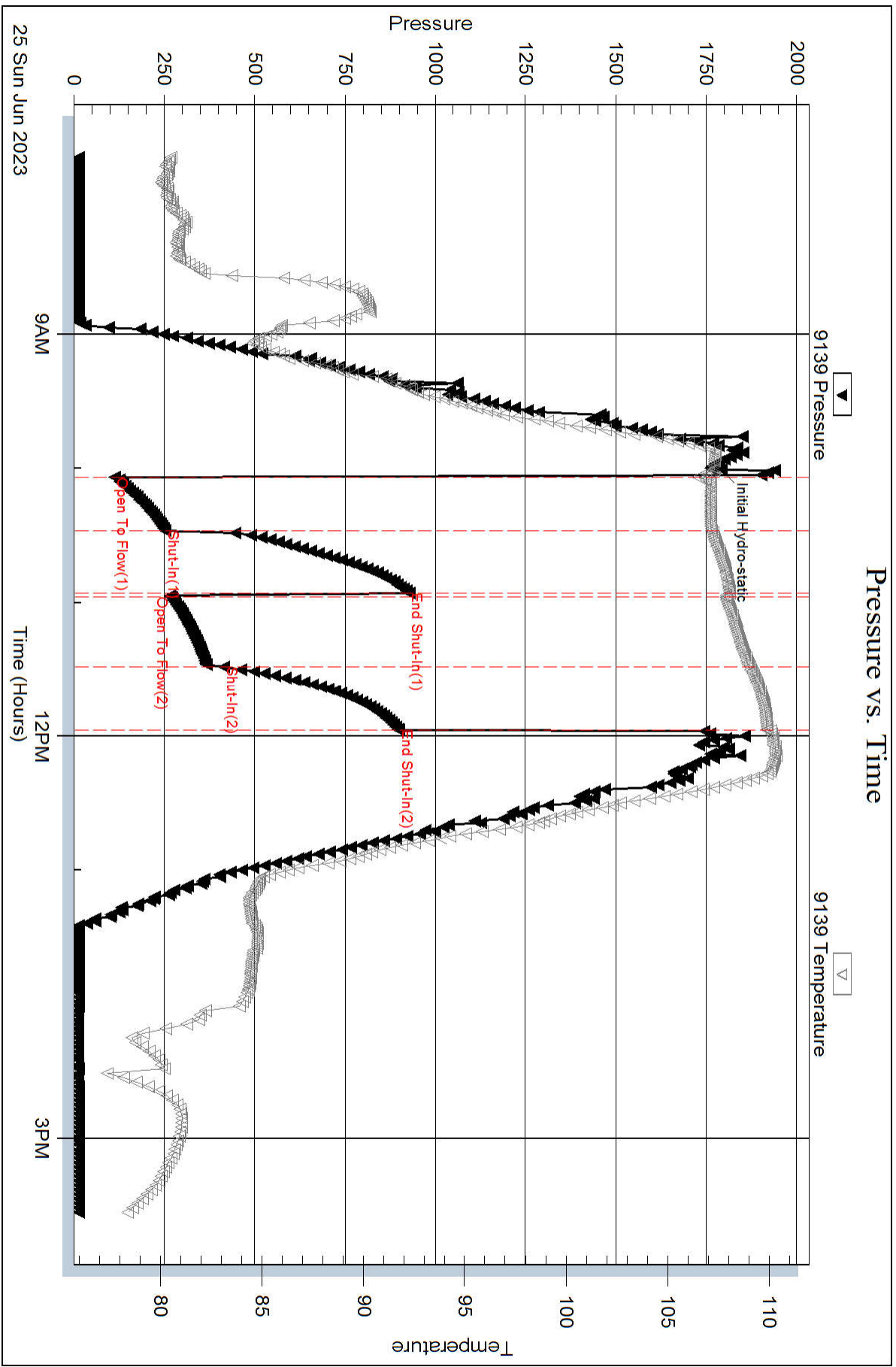
Test Start: 2023.06.24 @ 00:00:00

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 TESTING - DATA LISTING

Satchell Creek Petroleum

Graham 22-7s-22w

3032 N Cortina St.
Wichita, KS 67205

WorcesterA6-22

Job Ticket: 01541

DST#: 5

ATTN: Sean Deenihan & Chri

Test Start: 2023.06.24 @ 00:00:00

Serial # 9139				Serial # 9139			
Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)
	0.0	13.06	80.5		49.5	13.66	81.7
	1.5	13.10	80.4		51.0	13.64	82.0
	3.0	13.13	80.3		52.5	13.55	82.3
	4.5	13.15	80.3		54.0	13.91	86.1
	6.0	13.17	80.4		55.5	13.99	87.5
	7.5	13.21	80.3		57.0	14.09	88.6
	9.0	13.20	80.1		58.5	14.11	89.3
	10.5	13.16	80.1		60.0	14.09	89.8
	12.0	13.14	80.1		61.5	14.10	89.9
	13.5	13.10	80.3		63.0	14.10	90.0
	15.0	13.07	80.4		64.5	14.03	90.1
	16.5	13.08	80.3		66.0	13.95	90.2
	18.0	13.09	80.3		67.5	13.91	90.3
	19.5	13.12	80.5		69.0	13.82	90.3
	21.0	13.16	80.6		70.5	13.72	89.5
	22.5	13.18	80.5		72.0	13.58	89.1
	24.0	13.19	80.6		73.5	15.85	87.8
	25.5	13.19	80.9		75.0	31.53	86.0
	27.0	13.19	81.1		76.5	122.55	85.9
	28.5	13.20	81.2		78.0	216.49	85.8
	30.0	13.23	81.2		79.5	246.37	85.3
	31.5	13.27	81.2		81.0	312.75	84.8
	33.0	13.28	80.9		82.5	338.29	84.5
	34.5	13.31	80.9		84.0	402.87	84.8
	36.0	13.34	80.9		85.5	476.61	85.0
	37.5	13.34	80.8		87.0	492.28	85.5
	39.0	13.35	80.8		88.5	552.83	86.0
	40.5	13.39	80.9		90.0	654.74	86.3
	42.0	13.44	80.9		91.5	639.17	87.4
	43.5	13.52	80.7		93.0	706.79	88.2
	45.0	13.59	80.9		94.5	788.02	88.6
	46.5	13.63	81.1		96.0	788.62	89.0
	48.0	13.64	81.4		97.5	925.35	89.7

Printing every 3 samples

Serial # 9139				Serial # 9139			
Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)
	99.0	878.52	91.1		149.0	155.36	107.1
	100.5	871.34	91.4		150.5	165.91	107.1
	102.0	913.42	92.0		152.0	175.78	107.1
	103.5	935.23	92.3		153.5	184.66	107.1
	105.0	1065.16	92.6		155.0	193.44	107.1
	106.5	1032.94	93.2		156.5	202.18	107.1
	108.0	1107.87	94.0		158.0	210.89	107.1
	109.5	1128.32	94.6		159.5	218.43	107.1
	111.0	1194.28	95.3		161.0	225.93	107.1
	112.5	1360.26	95.9		162.5	232.98	107.1
	114.0	1287.10	96.5		164.0	240.04	107.1
	115.5	1350.31	97.3		165.5	245.82	107.1
	117.0	1430.99	98.4		166.0	248.19	107.1
	118.5	1392.22	99.3		166.5	250.59	107.1
	120.0	1499.61	100.5	Shut-In(1)	167.0	252.47	107.1
	121.5	1583.57	101.7		167.5	383.61	107.2
	123.0	1597.14	102.7		168.0	446.30	107.2
	124.5	1664.73	104.1		168.5	472.82	107.2
	126.0	1678.43	105.0		170.0	518.49	107.3
	127.5	1881.77	105.7		171.5	554.26	107.3
	129.0	1783.03	106.6		173.0	587.89	107.4
	130.5	1829.49	107.3		174.5	621.46	107.4
	132.0	1853.57	107.4		176.0	655.10	107.5
	133.5	1825.21	107.3		177.5	688.82	107.6
	135.0	1800.24	107.3		179.0	720.96	107.6
	136.5	1779.85	107.3		180.5	750.93	107.7
	138.0	1767.58	107.3		182.0	778.51	107.7
	138.5	1765.64	107.3		183.5	803.61	107.8
	139.0	1762.52	107.3		185.0	825.87	107.8
Initial Hydro-static	139.5	1791.54	107.3		186.5	846.02	107.9
	140.0	1939.08	107.3		188.0	864.26	107.9
	140.5	1926.30	106.9		189.5	880.32	107.9
	141.0	1921.08	106.9		191.0	894.70	108.0
	142.0	1902.48	106.9		192.5	907.70	108.0
	142.5	99.29	106.5		194.0	919.45	108.0
Open To Flow (1)	143.0	112.44	106.5		194.5	923.31	108.0
	143.5	121.60	106.7	End Shut-In(1)	195.0	926.70	108.0
	144.0	126.48	106.9		195.5	269.57	107.8
	144.5	128.24	107.0		196.0	265.31	107.9
	146.0	135.20	107.1	Open To Flow (2)	196.5	267.60	107.9
	147.5	144.54	107.1		197.0	270.17	107.9

Printing every 3 samples

Serial # 9139				Serial # 9139			
Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)
	197.5	272.01	107.9		252.0	871.25	109.8
	198.0	274.13	107.9		253.5	881.24	109.9
	199.5	280.85	107.9		255.0	890.26	109.9
	201.0	287.08	108.0		255.5	893.30	109.9
	202.5	293.36	108.1		256.0	896.11	109.9
	204.0	299.24	108.1	End Shut-In(2)	256.5	898.79	109.9
	205.5	305.07	108.2		257.0	1745.05	110.1
	207.0	310.14	108.2		257.5	1878.32	110.1
	208.5	315.40	108.3		258.0	1760.61	110.1
	210.0	320.46	108.3		259.5	1825.73	110.2
	211.5	325.06	108.4		261.0	1771.36	110.2
	213.0	329.45	108.4		262.5	1733.34	110.2
	214.5	334.45	108.5		264.0	1799.03	110.3
	216.0	338.86	108.5		265.5	1802.17	110.3
	217.5	343.46	108.6		267.0	1762.28	110.3
	219.0	347.42	108.6		268.5	1785.87	110.3
	220.5	351.25	108.7		270.0	1743.93	110.2
	222.0	354.68	108.8		271.5	1714.91	110.2
	223.5	358.16	108.8		273.0	1705.18	110.1
	225.0	361.78	108.9		274.5	1745.51	110.1
	226.5	364.83	108.9		276.0	1660.01	109.9
	227.0	365.79	109.0		277.5	1721.21	109.4
	227.5	366.71	109.0		279.0	1674.84	108.8
Shut-In(2)	228.0	415.30	109.0		280.5	1554.29	108.1
	228.5	445.41	109.1		282.0	1597.03	107.3
	229.0	461.94	109.1		283.5	1548.88	106.5
	229.5	480.41	109.1		285.0	1412.63	105.5
	231.0	527.32	109.2		286.5	1447.36	104.4
	232.5	570.20	109.3		288.0	1418.09	103.4
	234.0	611.23	109.3		289.5	1362.02	102.5
	235.5	648.91	109.4		291.0	1273.28	101.8
	237.0	682.71	109.5		292.5	1301.99	100.8
	238.5	712.50	109.5		294.0	1239.53	100.2
	240.0	739.08	109.6		295.5	1196.73	99.4
	241.5	762.51	109.6		297.0	1110.15	98.9
	243.0	783.15	109.7		298.5	1109.78	98.4
	244.5	802.06	109.7		300.0	1023.59	97.5
	246.0	819.02	109.8		301.5	1014.57	96.2
	247.5	834.34	109.8		303.0	957.29	95.1
	249.0	848.06	109.8		304.5	858.51	94.0
	250.5	860.21	109.8		306.0	856.96	93.2

Printing every 3 samples

Serial # 9139				Serial # 9139			
Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)	Comments	Time (Min.)	Pressure (psig)	Temp. (deg F)
	307.5	810.80	92.2		369.0	12.50	84.4
	309.0	764.92	91.3		370.5	12.49	84.4
	310.5	700.81	90.7		372.0	12.46	84.3
	312.0	675.53	90.1		373.5	12.44	84.3
	313.5	645.93	89.5		376.0	12.43	84.2
	315.0	587.70	88.8		379.0	12.34	84.0
	316.5	532.56	88.0		382.0	11.78	82.2
	318.0	496.32	86.8		385.0	11.99	81.9
	319.5	427.48	86.2		388.0	11.32	81.3
	321.0	403.09	85.4		391.0	10.58	79.6
	322.5	383.26	85.0		394.0	11.91	78.6
	324.0	355.77	84.9		397.0	12.22	79.0
	325.5	315.45	84.8		400.0	12.30	79.5
	327.0	307.95	84.7		403.0	12.31	79.8
	328.5	269.11	84.5		406.0	12.29	80.0
	330.0	262.50	84.5		409.0	11.74	80.3
	331.5	222.94	84.4		412.0	12.19	78.2
	333.0	210.25	84.4		415.0	12.58	79.1
	334.5	177.69	84.4		418.0	12.75	79.9
	336.0	131.82	84.4		421.0	12.81	80.5
	337.5	132.22	84.4		424.0	12.83	80.8
	339.0	103.48	84.4		427.0	12.82	81.0
	340.5	91.75	84.5		430.0	12.85	81.1
	342.0	59.82	84.5		433.0	12.84	81.0
	343.5	13.21	84.6		436.0	12.85	81.0
	345.0	12.74	84.7		439.0	12.86	80.9
	346.5	12.63	84.7		442.0	12.86	80.8
	348.0	12.62	84.8		445.0	12.86	80.7
	349.5	12.60	84.8		448.0	12.85	80.5
	351.0	12.53	84.8		451.0	12.85	80.4
	352.5	12.51	84.8		454.0	12.85	80.2
	354.0	12.47	84.7		457.0	12.86	80.0
	355.5	12.48	84.6		460.0	12.85	79.8
	357.0	12.47	84.5		463.0	12.82	79.4
	358.5	12.48	84.5		466.0	12.95	79.1
	360.0	12.49	84.5		469.0	12.81	78.7
	361.5	12.50	84.5		472.0	12.87	78.4
	363.0	12.49	84.5				
	364.5	12.48	84.5				
	366.0	12.50	84.4				
	367.5	12.49	84.4				

Printing every 3 samples