

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	PLACE A1-23
Doc ID	1713175

All Electric Logs Run

DI
Sonic
PE
Micro

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	PLACE A1-23
Doc ID	1713175

Tops

Name	Top	Datum
Heebner	1424	58
Lansing	1746	-264
Base Lansing	1891	-409
KC	2048	-566
BKC	2202	-720
Cherokee	2461	-979
Squirrel Sand	2476	-994
Mississippian	2832	-1350
Viola	3082	-1600







**HURRICANE SERVICES INC**

Remit To: Hurricane Services, Inc.  
250 N. Water, Suite 200  
Wichita, KS 67202  
316-303-9515

Customer:  
SATCHELL CREEK  
C/O FEATURE DRILLING LLC  
235 PUPPY SMITH STREET  
#7669  
ASPEN, CO 81612

Invoice Date: 11/18/2022  
Invoice #: 0364829  
Lease Name: Place  
Well #: A1-23 (New)  
County: Butler, Ks  
Job Number: EP6673  
District: East

Date/Description	HRS/QTY	Rate	Total
Surface	0.000	0.000	0.00
Cement Pump Service	1.000	1,100.000	1,100.00
Heavy Eq Mileage	20.000	4.000	80.00
Light Eq Mileage	20.000	2.000	40.00
Ton Mileage-Minimum	1.000	300.000	300.00
H-325	200.000	22.500	4,500.00
Cement Service Standby	6.000	300.000	1,800.00

**Total** 7,820.00

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**



<b>Customer</b> Satchell Creek Petroleum		<b>Lease &amp; Well #</b> Place, A1-23		<b>Date</b> 11/18/2022		
<b>Service District</b> Garnett		<b>County &amp; State</b> Butler, KS		<b>Job #</b>		
<b>Job Type</b> Surface		<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	<b>Legals S/T/R</b>	
				<b>New Well?</b> <input checked="" type="checkbox"/> YES <input type="checkbox"/> No		
<b>Equipment #</b>				<b>Ticket #</b> EP6673		
<b>Driver</b>		<b>Job Safety Analysis - A Discussion of Hazards &amp; Safety Procedures</b>				
47	Garrett s.	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging	
209	Nick B.	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection	
189	Keith D.	<input checked="" type="checkbox"/> Safety Footwear	<input checked="" type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations	
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input checked="" type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations	
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below		
<b>Comments</b>						
Rig provided water.						
<b>Product/ Service Code</b>						
<b>Description</b>		<b>Unit of Measure</b>		<b>Quantity</b>		
				<b>Net Amount</b>		
C011	Cement Pump Service	ea	1.00		\$1,100.00	
M010	Heavy Equipment Mileage	mi	20.00		\$80.00	
M015	Light Equipment Mileage	mi	20.00		\$40.00	
M025	Ton Mileage - Minimum	each	1.00		\$300.00	
CP015	H-325	sack	200.00		\$4,500.00	
C030	Cement Service - Standby	hr	6.00		\$1,800.00	
<b>Customer Section: On the following scale how would you rate Hurricane Services Inc.?</b>					<b>Net:</b>	<b>\$7,820.00</b>
<b>Based on this job, how likely is it you would recommend HSI to a colleague?</b>					<b>Total Taxable</b>	<b>\$ -</b>
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10					<b>Tax Rate:</b>	<b>State Tax:</b>
					State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.	
					<b>Total:</b>	<b>\$ 7,820.00</b>
HSI Representative: <i>Garrett Scott</i>						

**TERMS:** Cash in advance unless Hurricane Services Inc. (HSI) has approved credit prior to sale. Credit terms of sale for approved accounts are total invoice due on or before the 30th day from the date of invoice. Past due accounts shall pay interest on the balance past due at the rate of 1 1/2% per month or the maximum allowable by applicable state or federal laws. In the event it is necessary to employ an agency and/or attorney to affect the collection, Customer hereby agrees to pay all fees directly or indirectly incurred for such collection. In the event that Customer's account with HSI becomes delinquent, HSI has the right to revoke any discounts previously applied in arriving at net invoice price. Upon revocation, the full invoice price without discount is immediately due and subject to collection. Prices quoted are estimates only and are good for 30 days from the date of issue. Pricing does not include federal, state, or local taxes, or royalties and stated price adjustments. Actual charges may vary depending upon time, equipment, and material ultimately required to perform these services. Any discount is based on 30 days net payment terms or cash. **DISCLAIMER NOTICE:** Technical data is presented in good faith, but no warranty is stated or implied. HSI assumes no liability for advice or recommendations made concerning the results from the use of any product or service. The information presented is a best estimate of the actual results that may be achieved and should be used for comparison purposes and HSI makes no guarantee of future production performance. Customer represents and warrants that well and all associated equipment in acceptable condition to receive services by HSI. Likewise, the customer guarantees proper operational care of all customer owned equipment and property while HSI is on location performing services. The authorization below acknowledges the receipt and acceptance of all terms/conditions stated above, and Hurricane has been provided accurate well information in determining taxable services.

X \_\_\_\_\_ **CUSTOMER AUTHORIZATION SIGNATURE**







## HURRICANE SERVICES INC

Remit To: Hurricane Services, Inc.  
250 N. Water, Suite 200  
Wichita, KS 67202  
316-303-9515

Customer:  
SATCHELL CREEK  
C/O FEATURE DRILLING LLC  
235 PUPPY SMITH STREET  
#7669  
ASPEN, CO 81612

Invoice Date: 11/28/2022  
Invoice #: 0365037  
Lease Name: Place  
Well #: A1-23 (New)  
County: Butler, Ks  
Job Number: EP6732  
District: East

Date/Description	HRS/QTY	Rate	Total
Longstring	0.000	0.000	0.00
Heavy Eq Mileage	20.000	4.000	80.00
Light Eq Mileage	20.000	2.000	40.00
Ton Mileage	980.000	1.500	1,470.00
Depth Charge 3001'-4000'	1.000	2,250.000	2,250.00
Casing Swivel	1.000	300.000	300.00
Cement Plug Container	1.000	250.000	250.00
Cement Blending & Mixing	180.000	1.400	252.00
H-BT	180.000	35.000	6,300.00
Liquid Defoamer	1.000	73.000	73.00
Mud flush	600.000	1.000	600.00
Centralizers 5 1/2"	10.000	60.000	600.00
Cement baskets 5 1/2"	1.000	300.000	300.00
5 1/2" Floatshoe-Flapper AFU	1.000	375.000	375.00
5 1/2" LD Plug & Baffle	1.000	350.000	350.00
Service Supervisor	1.000	275.000	275.00

**Total** 13,515.00

**TERMS:** Net 30 days. Interest may be charged on past due invoice at rate of 1 ½% per month or maximum allowed by applicable state or federal laws. HSI has right to revoke any discounts applied in arriving at net invoice price if invoice is past due. If revoked, full invoice price without discount plus additional sales tax, as applicable, is due immediately and subject to interest charges. Customer agrees to pay all collection costs directly or indirectly incurred by HSI in the event HSI engages a third party to pursue collection of past due invoice.

**SALES TAX:** Services performed on oil, gas and water wells in Kansas are subject to sales tax, with certain exceptions. HSI relies on the well information provided by the customer in identifying whether the services performed on wells qualify for exemption.

**WE APPRECIATE YOUR BUSINESS!**



Customer	Satchell Creek Petroleum		Lease & Well #	Place #A1-23		Date	11/28/2022	
Service District	Garrett		County & State	Butler - KS		Legals S/T/R	23-25-7	
Job Type	Longstring	<input checked="" type="checkbox"/> PROD	<input type="checkbox"/> INJ	<input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> No	Ticket #
Equipment #	Driver	Jay - Tool Pusher						
47	Garrett S.	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging			
209	Nick B.	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input checked="" type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection			
189	Doug G.	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input checked="" type="checkbox"/> Slip/Trip/Fall Hazards	<input checked="" type="checkbox"/> Specific Job Sequence/Expectations			
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input checked="" type="checkbox"/> Overhead Hazards	<input checked="" type="checkbox"/> Muster Point/Medical Locations			
		<input checked="" type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below				

**Comments**

\* Bulk from Pratt - H-BT blend per C.L.'s instructions (14.3# 1.34Y) H2O was provided by the rig

Product/ Service Code	Description	Unit of Measure	Quantity	Net Amount
M010	Heavy Equipment Mileage	mi	20.00	\$80.00
M015	Light Equipment Mileage	mi	20.00	\$40.00
M020	Ton Mileage	tm	980.00	\$1,470.00
D014	Depth Charge: 3001'-4000'	job	1.00	\$2,250.00
C030	Cement Service - After 4 Hrs on Location	hr		
C040	Casing Swivel	job	1.00	\$300.00
C050	Cement Plug Container	job	1.00	\$250.00
C060	Cement Blending & Mixing Service	sack	180.00	\$252.00
CP061	H-BT	sack	180.00	\$6,300.00
CP137	Liquid Defoamer	gal	1.00	\$73.00
CP170	Mud Flush	gal	600.00	\$600.00
FE125	5 1/2" Centralizer	ea	10.00	\$600.00
FE130	5 1/2" Cement Basket	ea	1.00	\$300.00
FE145	5 1/2" Float Shoe - AFU Flapper Type	ea	1.00	\$375.00
FE170	5 1/2" Latch Down Plug & Baffle	ea	1.00	\$350.00
R061	Service Supervisor	day	1.00	\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?		Net:	\$13,515.00
Based on this job, how likely is it you would recommend HSI to a colleague?		Total Taxable	\$ -
<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input type="checkbox"/> 7 <input type="checkbox"/> 8 <input type="checkbox"/> 9 <input type="checkbox"/> 10		Tax Rate:	
State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Sale Tax:	\$ -
HSI Representative: <i>Garrett Scott</i>		Total:	\$ 13,515.00

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X \_\_\_\_\_ **CUSTOMER AUTHORIZATION SIGNATURE**





# MUD LOG

## WellSight Systems

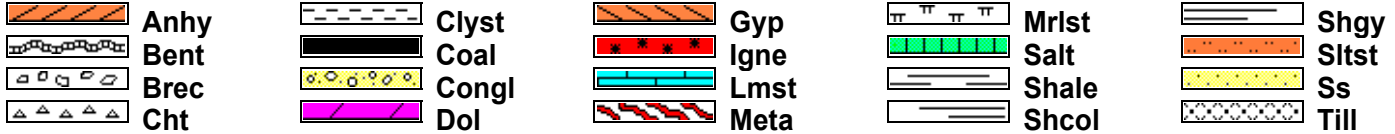
Scale 1:240 (5"=100') Imperial  
Measured Depth Log

Well Name: Place A1-23  
 API: 15-015-24179-00-00  
 Location: 732' FSL, 484' FEL - Sec 23. TWP25S, R7E  
 License Number: \_\_\_\_\_ Region: \_\_\_\_\_  
 Spud Date: \_\_\_\_\_ Drilling Completed: \_\_\_\_\_  
 Surface Coordinates: \_\_\_\_\_

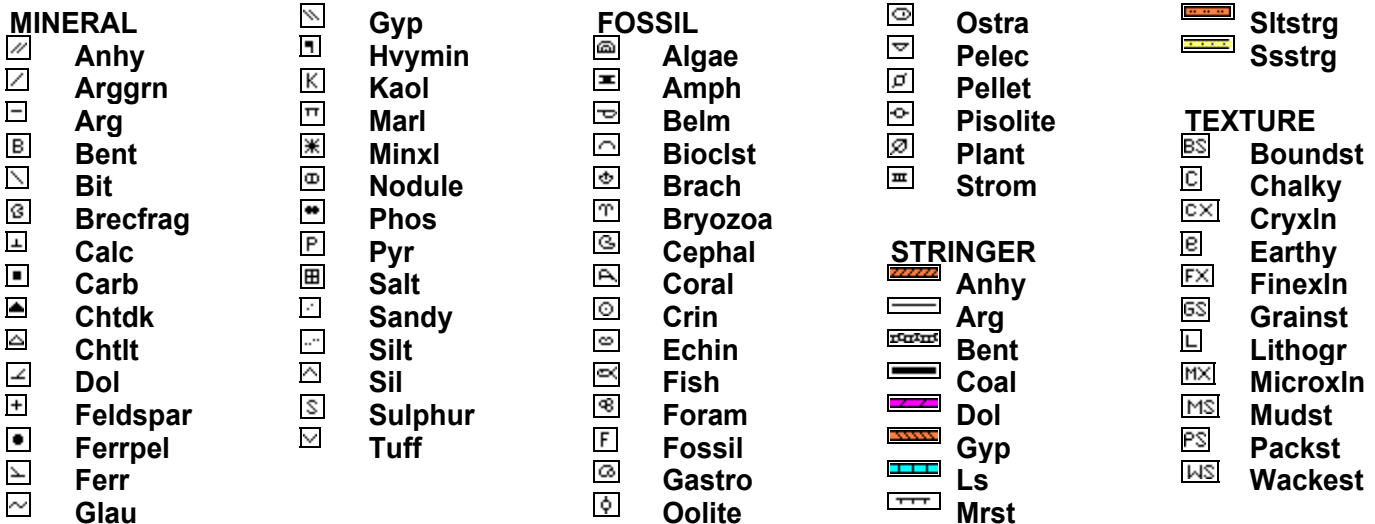
Bottom Hole  
 Coordinates: \_\_\_\_\_  
 Ground Elevation (ft): 1477 K.B. Elevation (ft): 1482  
 Logged Interval (ft): 1200 To: TD Total Depth (ft): \_\_\_\_\_  
 Formation: Viola  
 Type of Drilling Fluid: Chemical

Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

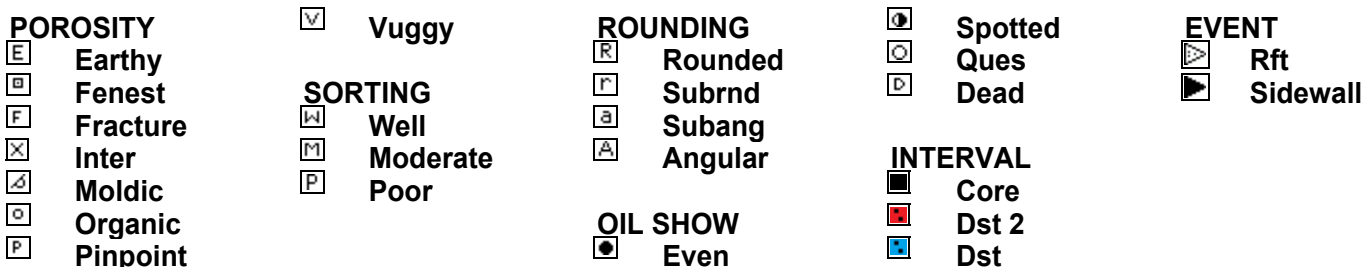
### ROCK TYPES



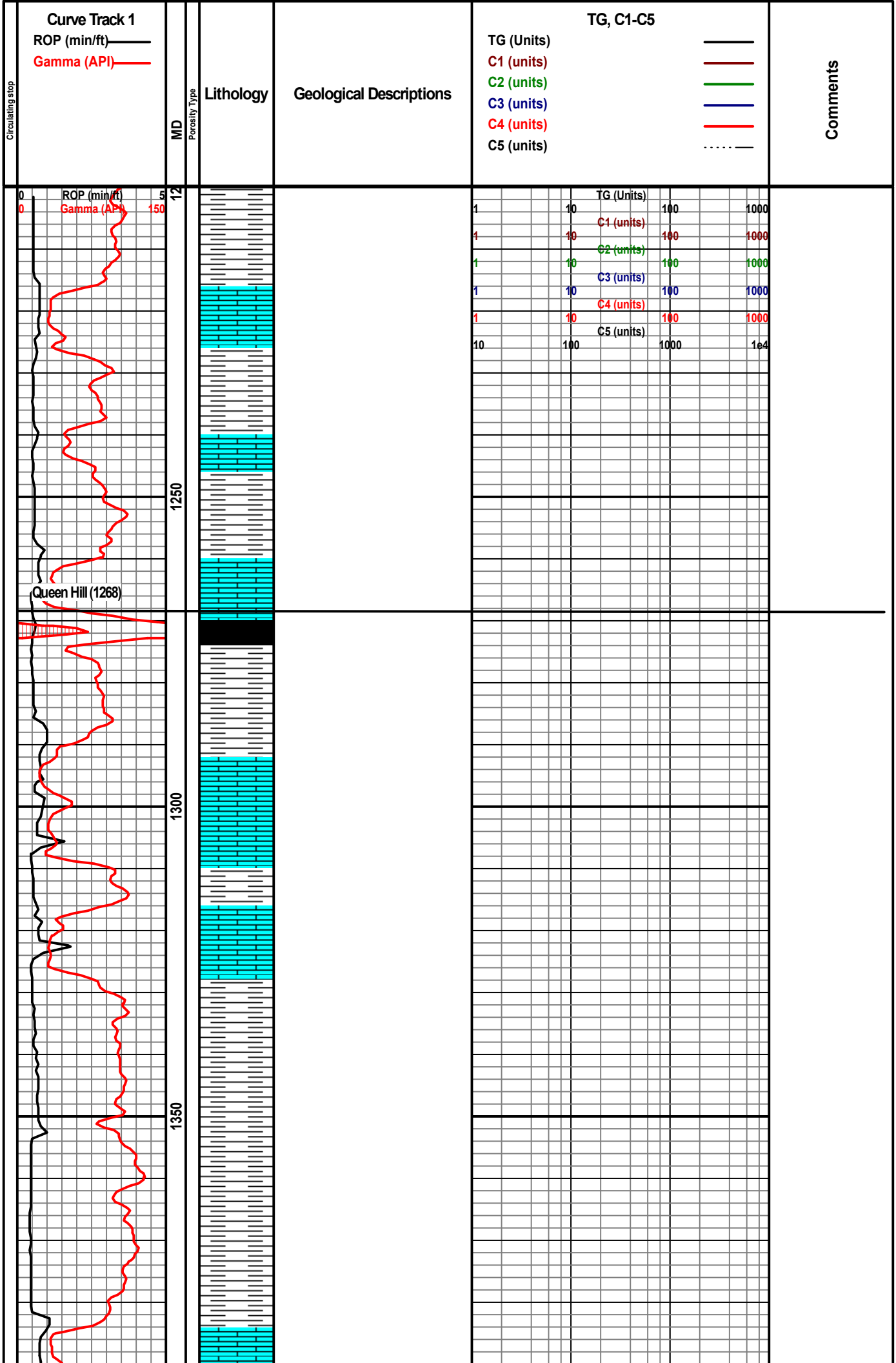
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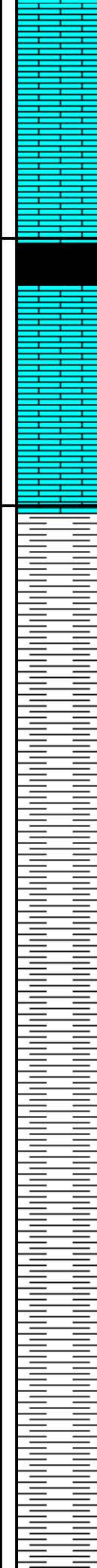
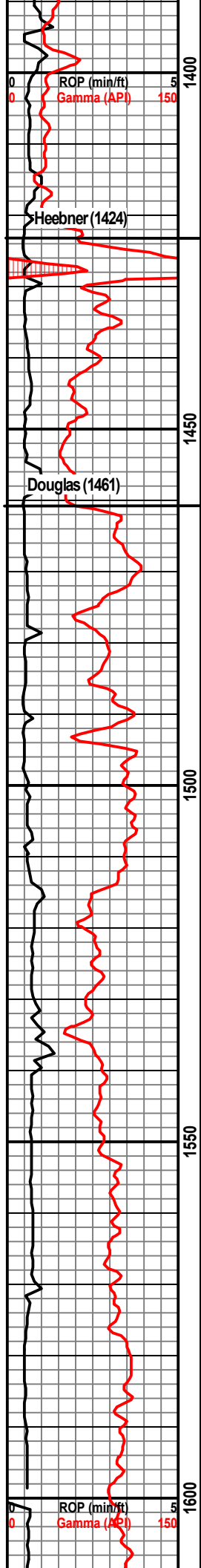


### OTHER SYMBOLS





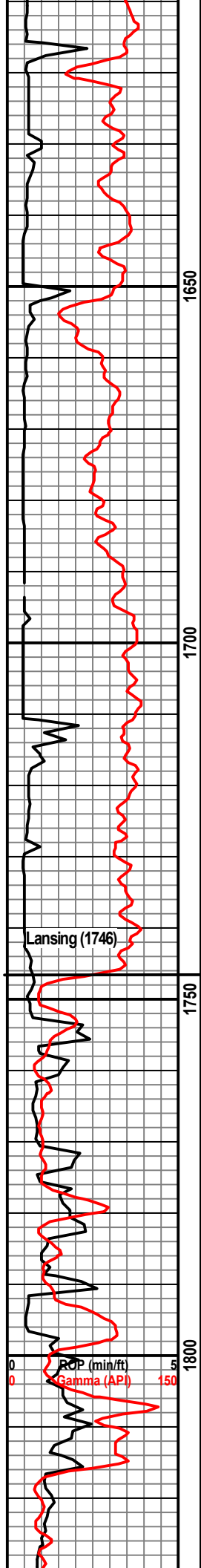




TG (Units)			
1	10	100	1000
1	10	C1 (units)	1000
1	10	C2 (units)	1000
1	10	C3 (units)	1000
1	10	C4 (units)	1000
1	10	C5 (units)	1000

10	100	1000	1e4
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TG (Units)			
1	10	100	1000
1	10	C1 (units)	1000
1	10	C2 (units)	1000

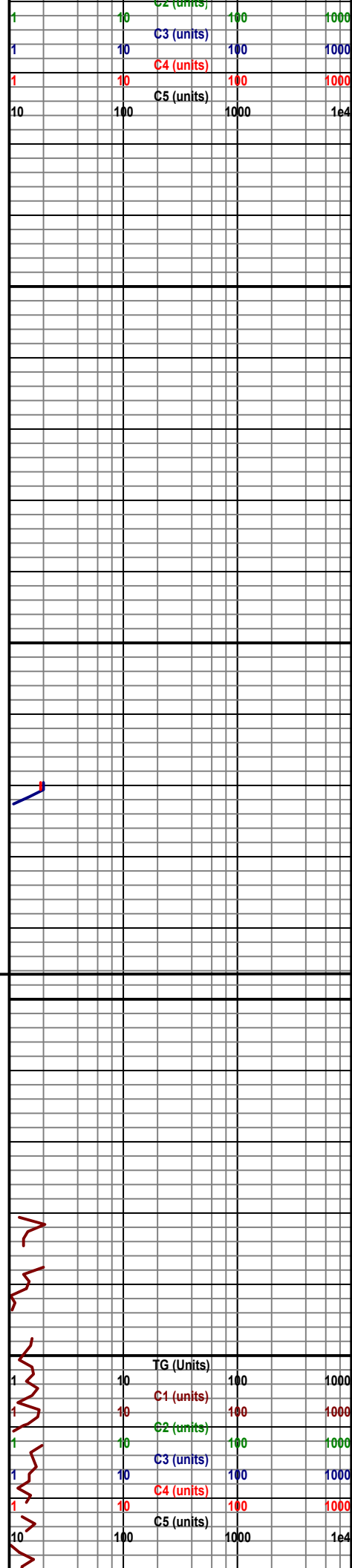
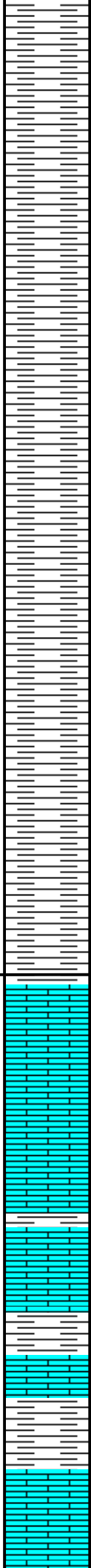


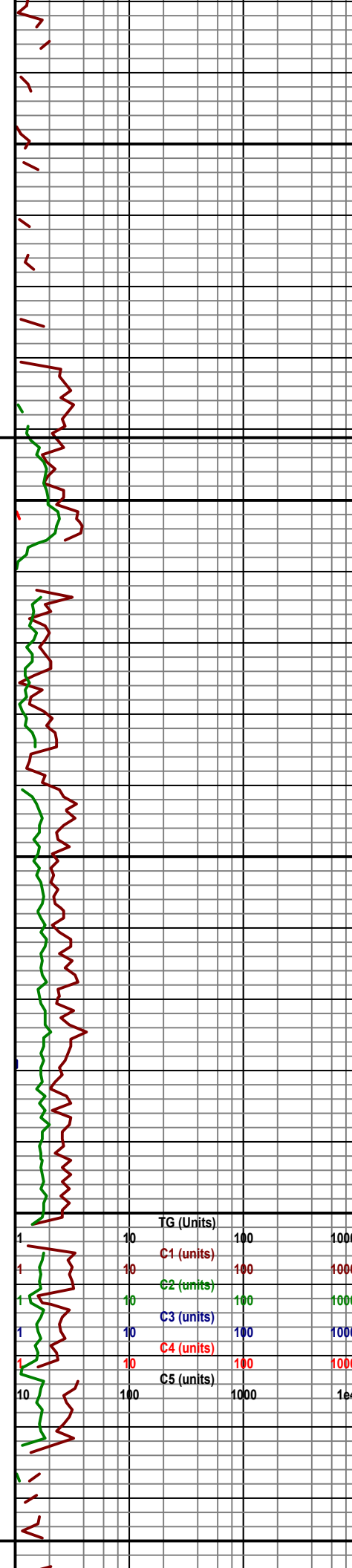
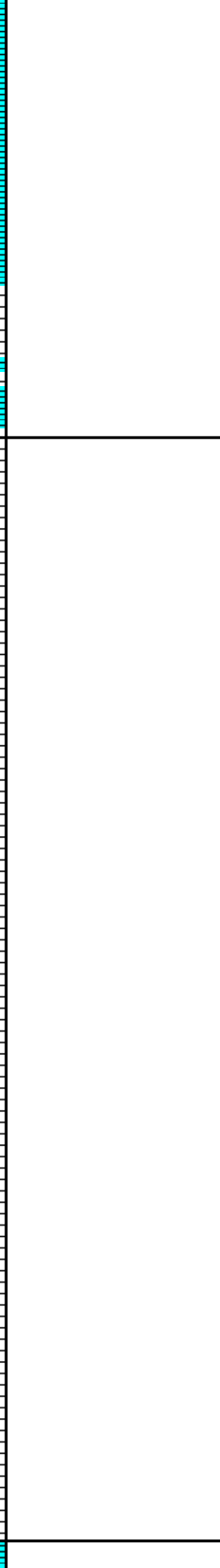
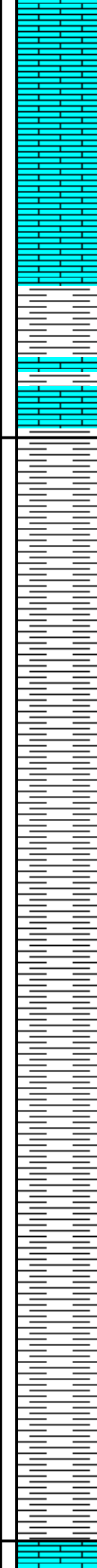
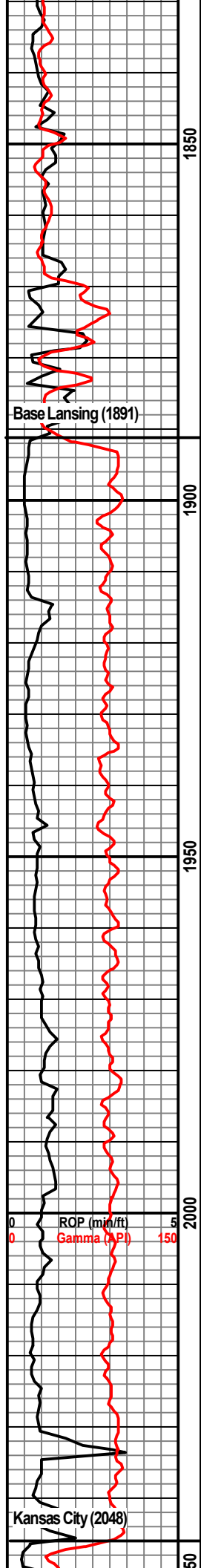
1650

1700

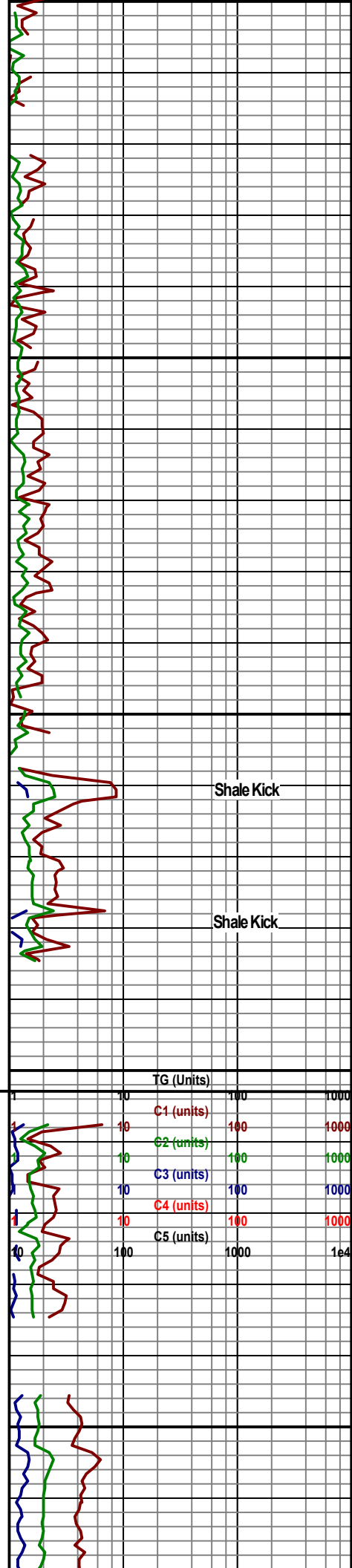
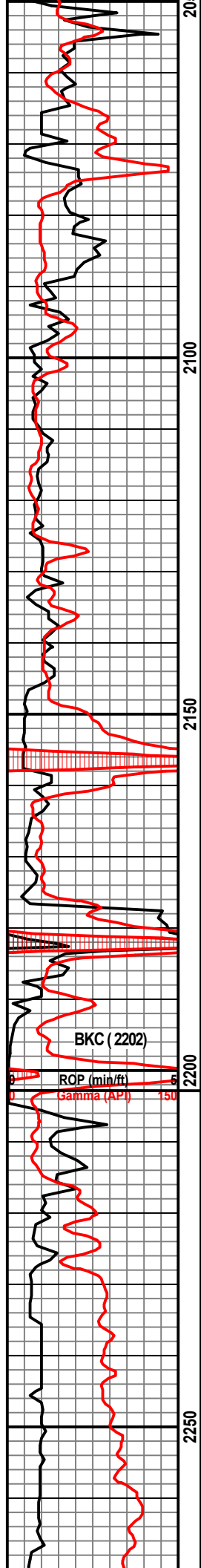
1750

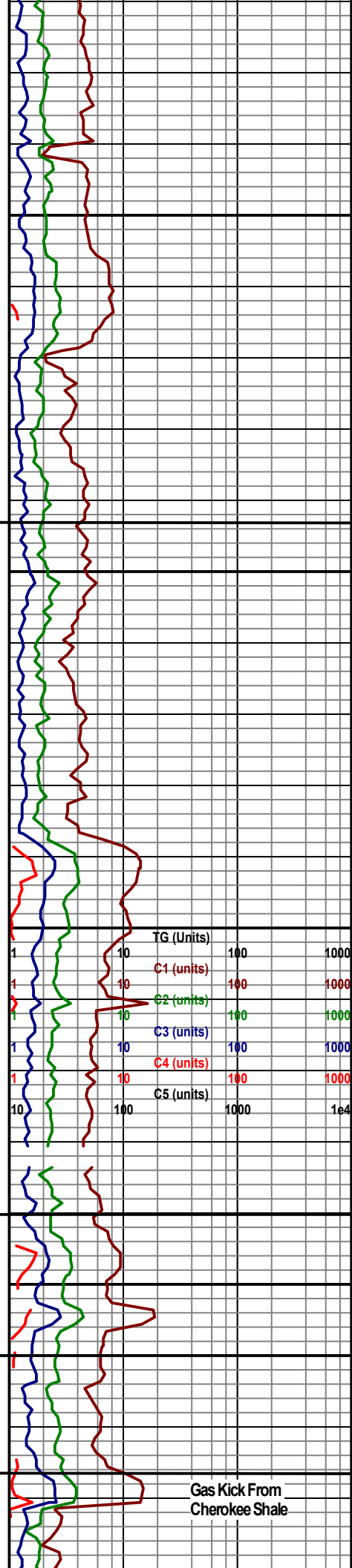
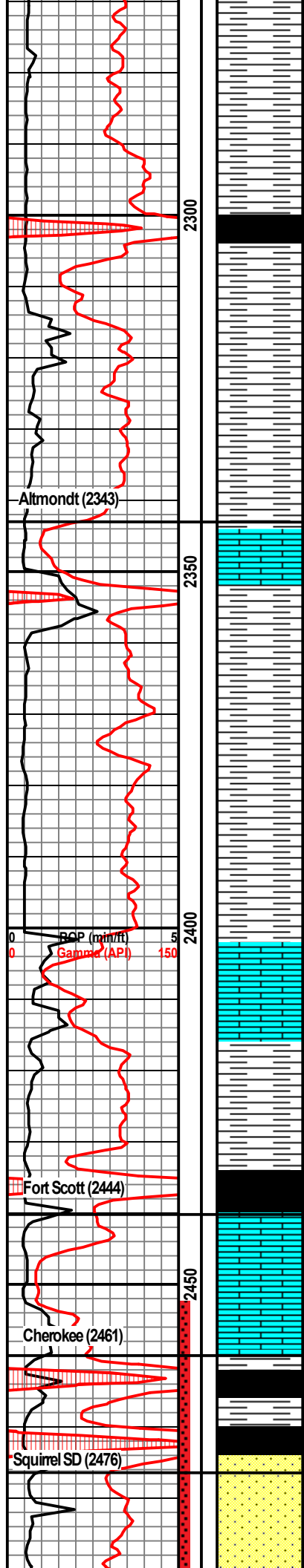
1800





Scale	TG (Units)	C1 (units)	C2 (units)	C3 (units)	C4 (units)	C5 (units)
1	10	100	1000	10	100	1000
1	10	100	1000	10	100	1000
1	10	100	1000	10	100	1000
1	10	100	1000	10	100	1000
1	10	100	1000	10	100	1000
10	100	1000	1e4			





Component	Scale 1	Scale 2
TG (Units)	10	1000
C1 (units)	100	1000
C2 (units)	100	1000
C3 (units)	100	1000
C4 (units)	100	1000
C5 (units)	100	1e4

BCP (min/ft)  
 0 50  
 0 150  
 Gamma (AP)

Fort Scott (2444)

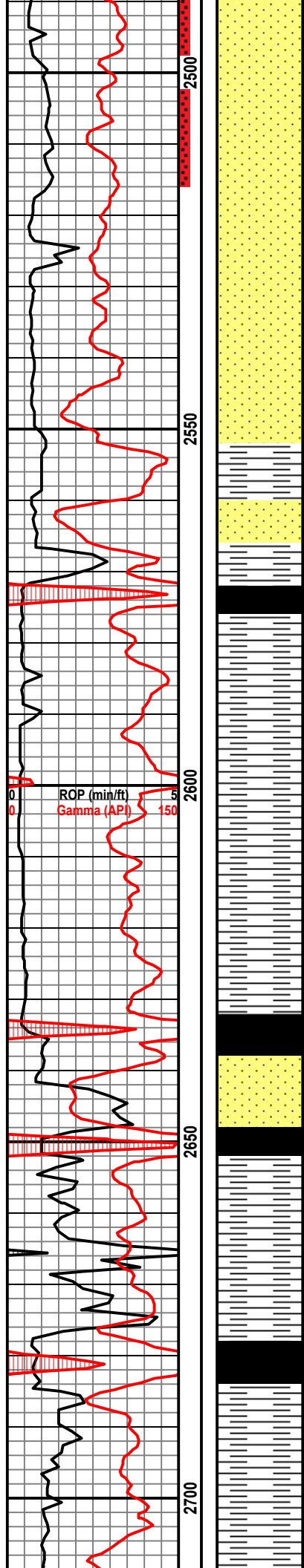
Cherokee (2461)

Squirrel SD (2476)

Possible Sand Section

Gas Kick From Cherokee Shale

- DST (4) -  
 Interval: 2450-2515  
 Recovery 5' Mud

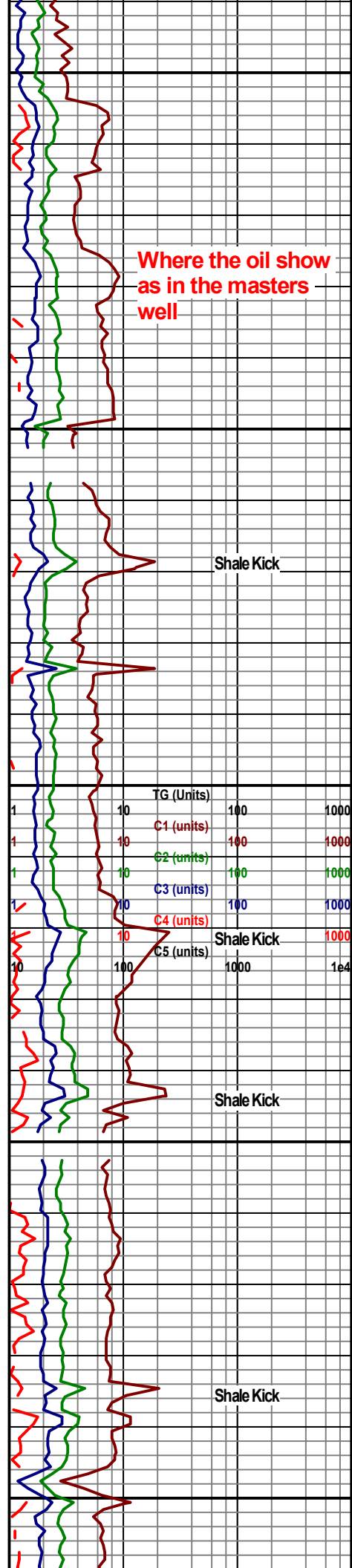


Possible Sand Section

Possible Sand Section

Possible Sand Section

Possible sand section



Where the oil show  
 as in the masters  
 well

Shale Kick

Shale Kick

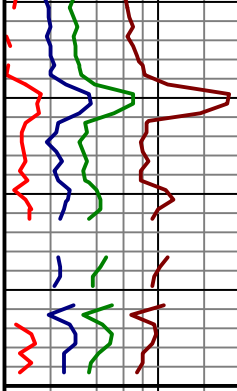
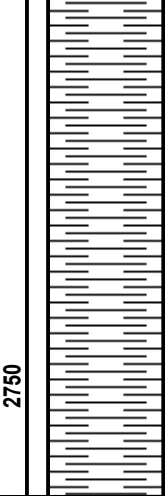
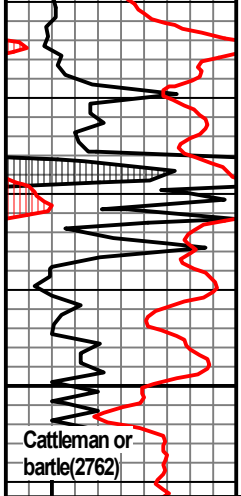
Shale Kick

Shale Kick

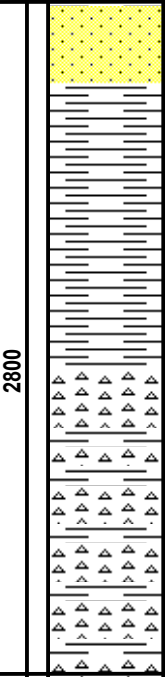
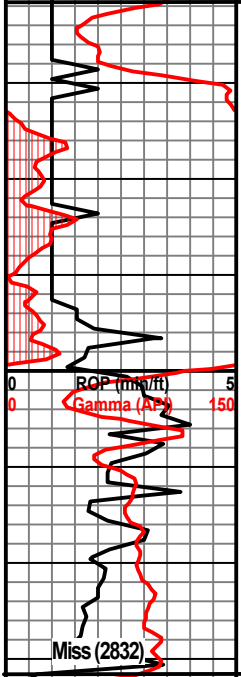
TG (Units)	10	100	1000
C1 (units)	10	100	1000
C2 (units)	10	100	1000
C3 (units)	10	100	1000
C4 (units)	10	100	1000
C5 (units)	10	100	1000
Shale Kick	10	1000	1e4

ROP (min/ft)  
 Gamma (AP)

2500  
 2550  
 2600  
 2650  
 2700

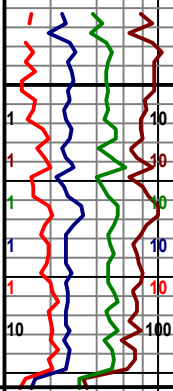


Shale Kick

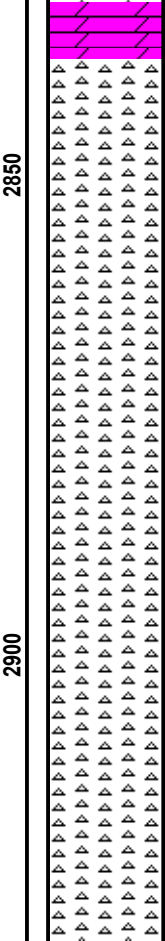
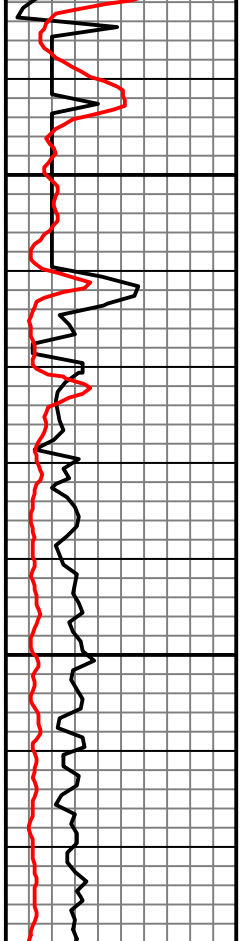


Possible Sand Section

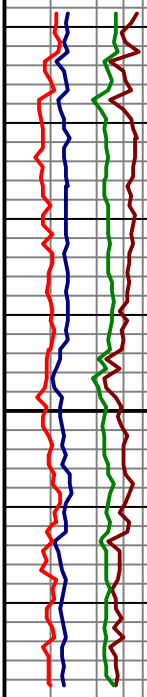
Reworked Miss Section



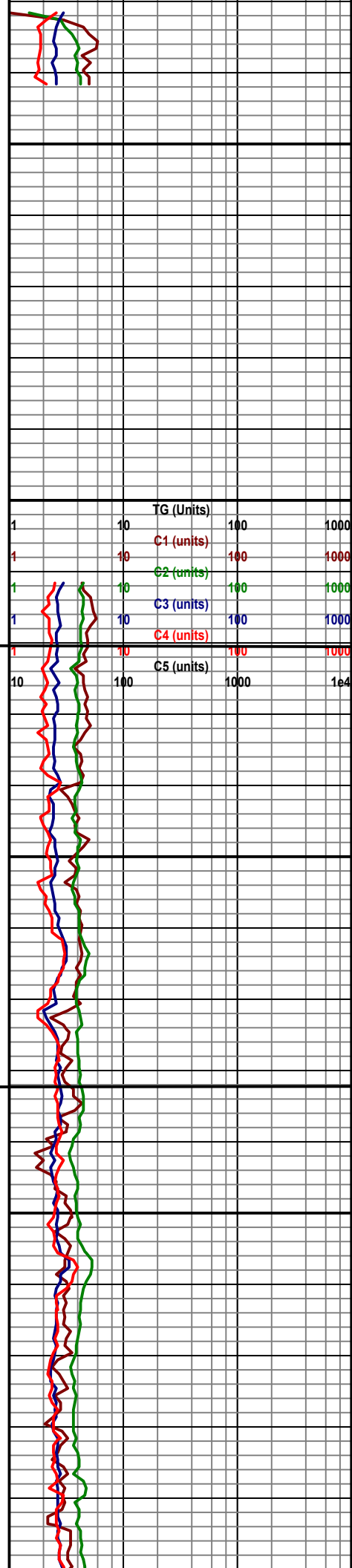
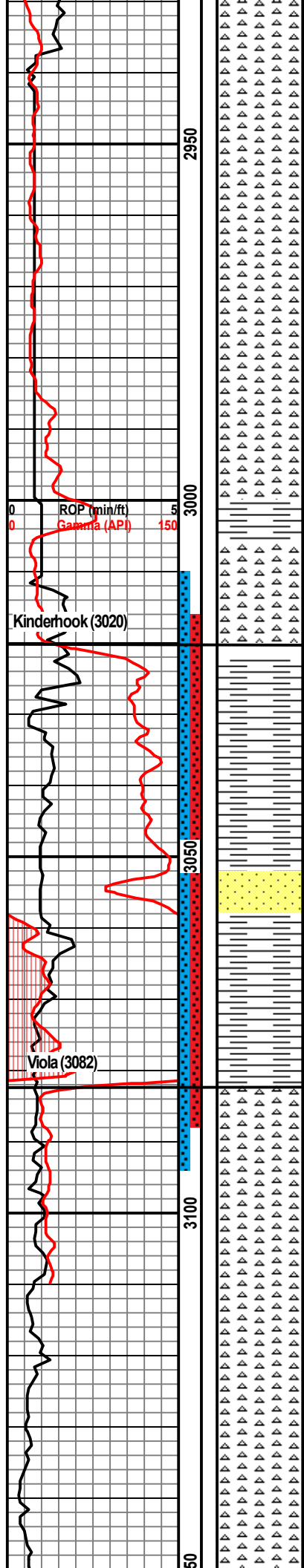
TG (Units)	100	1000
C1 (units)	100	1000
C2 (units)	100	1000
C3 (units)	100	1000
C4 (units)	100	1000
C5 (units)	1000	1e4



Possible Dolomite towards top







- DST (1) - Interval 3010-3092  
 Rec: 160' Mud  
 No Pressures  
 Missrun

- DST (2) - Interval: 3016-3086  
 Rec 200' Mud  
 No Pressures  
 Missrun

- DST (3) - Interval 3028-3085  
 Rec: 30' Mud  
 No Pressures  
 Missrun





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**25**  
2022

**DST #1**      **Formation: Viola**      **Test Interval: 3010 - 3092'**      **Total Depth: 3153'**  
Time On: 19:58 11/25      Time Off: 02:03 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

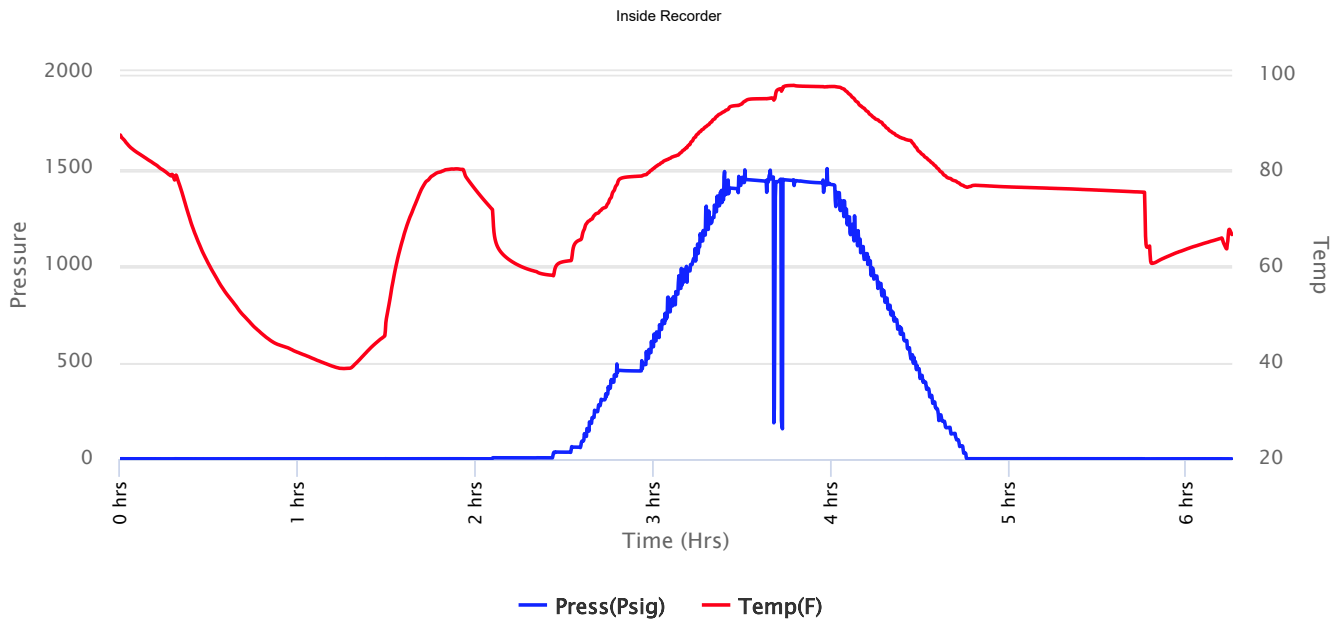
Electronic Volume  
Estimate:  
0'

1st Open  
N/A

1st Close  
N/A

2nd Open  
N/A

2nd Close  
N/A





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**25**  
2022

**DST #1**      **Formation: Viola**      **Test Interval: 3010 - 3092'**      **Total Depth: 3153'**  
Time On: 19:58 11/25      Time Off: 02:03 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

Recovered

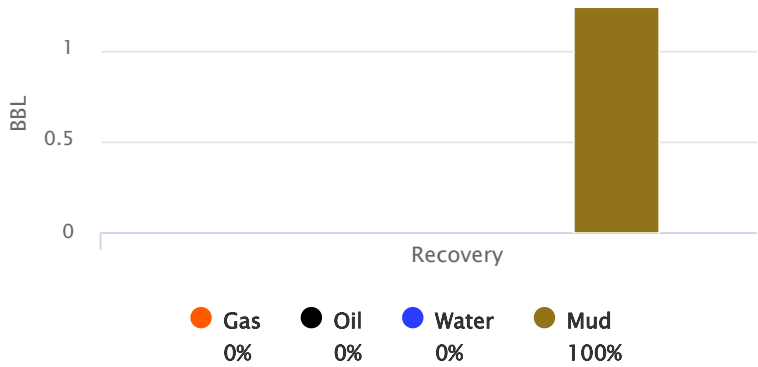
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
160	1.236873	M	0	0	0	100

Total Recovered: 160 ft  
Total Barrels Recovered: 1.236873

**Reversed Out**  
NO

Initial Hydrostatic Pressure	0	PSI
Initial Flow	0	PSI
<b>Initial Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Flow Pressure	0	PSI
<b>Final Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Hydrostatic Pressure	0	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**25**  
2022

**DST #1**      **Formation: Viola**      **Test Interval: 3010 - 3092'**      **Total Depth: 3153'**  
Time On: 19:58 11/25      Time Off: 02:03 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**BUCKET MEASUREMENT:**

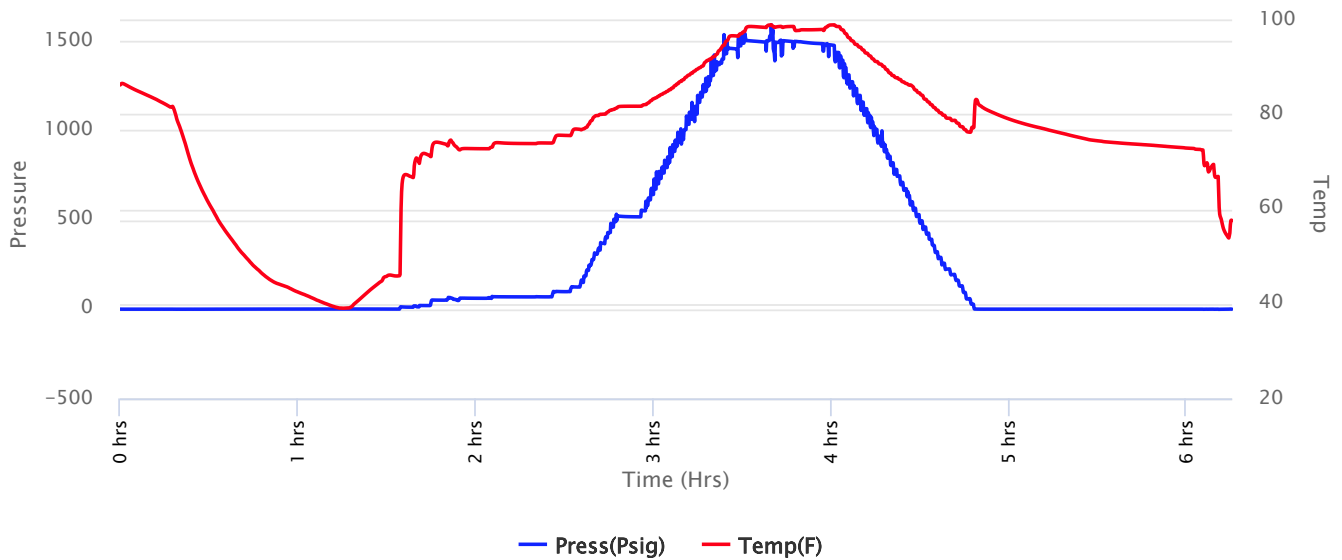
1st Open: N/A  
1st Close: N/A  
2nd Open: N/A  
2nd Close: N/A

**REMARKS:**

Packer failure!

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

**Below Straddle Recorder**





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**25**  
2022

**DST #1**      **Formation: Viola**      **Test Interval: 3010 - 3092'**      **Total Depth: 3153'**  
Time On: 19:58 11/25      Time Off: 02:03 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Down Hole Makeup**

<b>Heads Up:</b> 27.27 FT	<b>Packer 1:</b> 3004.5 FT
<b>Drill Pipe:</b> 2892 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3010 FT
<b>Weight Pipe:</b> FT	<b>Packer 3:</b> 3092 FT
<b>Collars:</b> 111.7 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 2993.42 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 3078 FT
<b>Total Anchor:</b> 82	<b>Below Straddle Recorder:</b> 3127 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT  
**Perforations: (top):** 3 FT  
*4 1/2-FH*  
**Change Over:** .5 FT  
**Drill Pipe: (in anchor):** 62 FT  
*ID-3 1/2*  
**Change Over:** .5 FT  
**Perforations: (below):** 15 FT  
*4 1/2-FH*

**STRADDLE**

**Straddle Packer(s):** 1 FT  
**Change Over:** 1 FT  
**Drill Pipe:** 31 FT  
*ID-3 1/2"*  
**Change Over:** 1 FT  
**Perforations (in tail pipe):** 27 FT  
*4 1/2-FH*



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**25**  
2022

**DST #1**      **Formation: Viola**      **Test Interval: 3010 - 3092'**      **Total Depth: 3153'**  
Time On: 19:58 11/25      Time Off: 02:03 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.1      **Viscosity:** 53      **Filtrate:** 7.2      **Chlorides:** 3,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**25**  
2022

**DST #1      Formation: Viola      Test Interval: 3010 -      Total Depth: 3153'**  
**3092'**  
Time On: 19:58 11/25      Time Off: 02:03 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Gas Volume Report**

1st Open

2nd Open

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

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





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #2**      **Formation: Viola**      **Test Interval: 3016 - 3086'**      **Total Depth: 3153'**  
Time On: 02:38 11/26      Time Off: 00:00 01/01  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

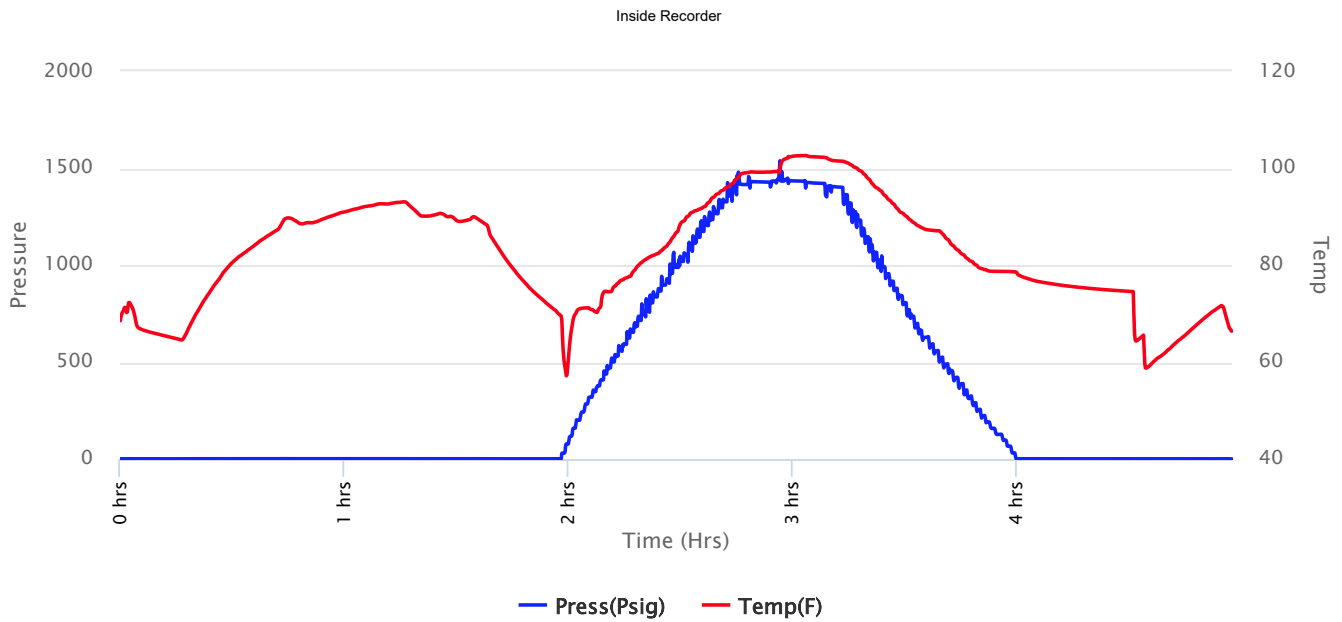
Electronic Volume  
Estimate:  
0'

1st Open  
N/A

1st Close  
N/A

2nd Open  
N/A

2nd Close  
N/A





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #2**      **Formation: Viola**      **Test Interval: 3016 - 3086'**      **Total Depth: 3153'**  
Time On: 02:38 11/26      Time Off: 00:00 01/01  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

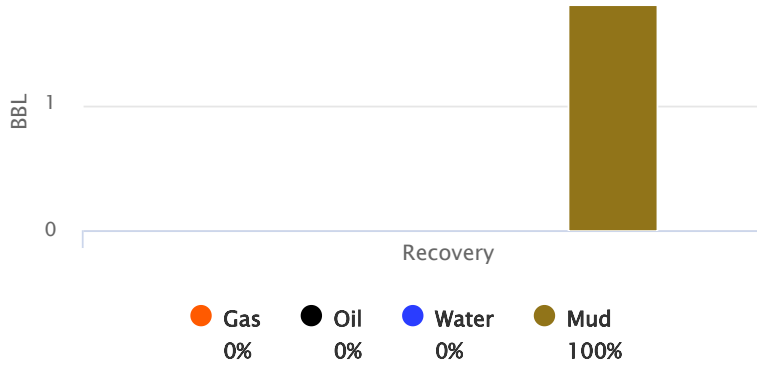
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
200	1.806073	M	0	0	0	100

Total Recovered: 200 ft  
Total Barrels Recovered: 1.806073

**Reversed Out**  
NO

**Recovery at a glance**



Initial Hydrostatic Pressure	0	PSI
Initial Flow	0	PSI
<b>Initial Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Flow Pressure	0	PSI
<b>Final Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Hydrostatic Pressure	0	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #2**      **Formation: Viola**      **Test Interval: 3016 - 3086'**      **Total Depth: 3153'**  
Time On: 02:38 11/26      Time Off: 00:00 01/01  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**BUCKET MEASUREMENT:**

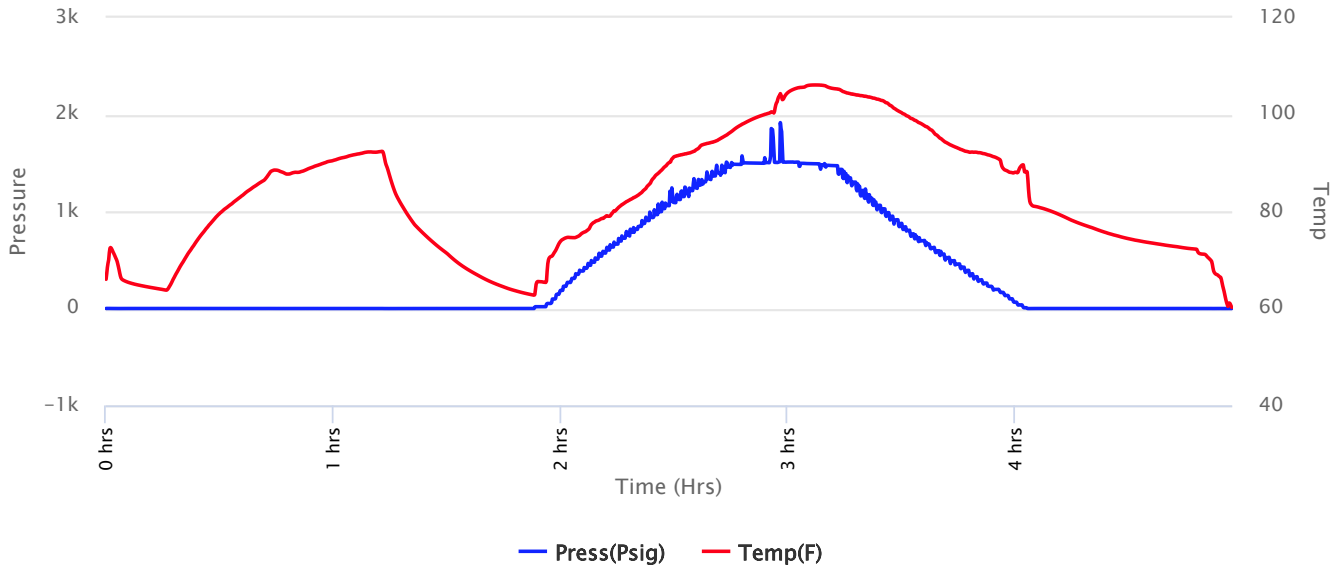
1st Open: N/A  
1st Close: N/A  
2nd Open: N/A  
2nd Close: N/A

**REMARKS:**

Packer failure!

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

**Below Straddle Recorder**





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #2**      **Formation: Viola**      **Test Interval: 3016 - 3086'**      **Total Depth: 3153'**  
Time On: 02:38 11/26      Time Off: 00:00 01/01  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Down Hole Makeup**

<b>Heads Up:</b> 21.27 FT	<b>Packer 1:</b> 3011 FT
<b>Drill Pipe:</b> 2893 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3016 FT
<b>Weight Pipe:</b> FT	<b>Packer 3:</b> 3086 FT
<b>Collars:</b> 111.7 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 3000.42 FT
<b>Test Tool:</b> 33.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 3053 FT
<b>Total Anchor:</b> 70	<b>Below Straddle Recorder:</b> 3151 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT  
**Perforations: (top):** 3 FT  
*4 1/2-FH*  
**Change Over:** .5 FT  
**Drill Pipe: (in anchor):** 31 FT  
*ID-3 1/2*  
**Change Over:** .5 FT  
**Perforations: (below):** 34 FT  
*4 1/2-FH*

**STRADDLE**

**Straddle Packer(s):** 1 FT  
**Change Over:** 1 FT  
**Drill Pipe:** 61 FT  
*ID-3 1/2"*  
**Change Over:** 1 FT  
**Perforations (in tail pipe):** 3 FT  
*4 1/2-FH*



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #2**      **Formation: Viola**      **Test Interval: 3016 - 3086'**      **Total Depth: 3153'**  
Time On: 02:38 11/26      Time Off: 00:00 01/01  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.1      **Viscosity:** 53      **Filtrate:** 7.2      **Chlorides:** 3,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #2      Formation: Viola      Test Interval: 3016 -      Total Depth: 3153'**  
**3086'**  
Time On: 02:38 11/26      Time Off: 00:00 01/01  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Gas Volume Report**

1st Open

2nd Open

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

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



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #3**      **Formation: Viola**      **Test Interval: 3028 - 3085'**      **Total Depth: 3153'**  
Time On: 07:40 11/26      Time Off: 12:10 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

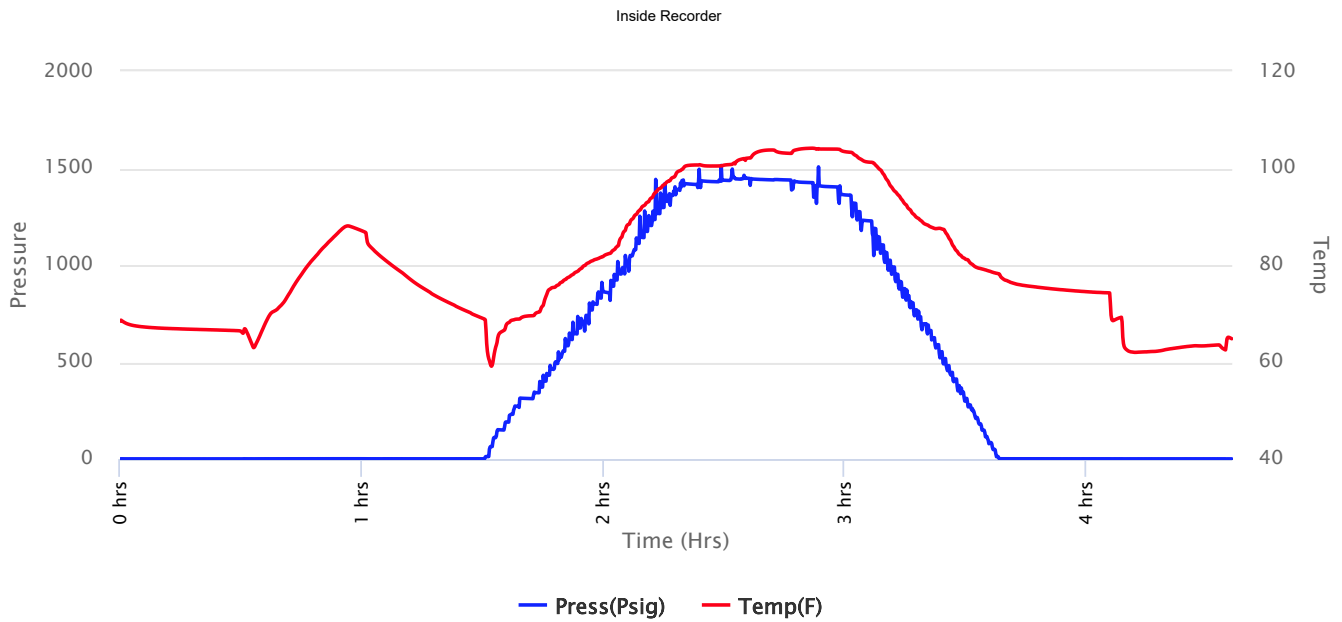
Electronic Volume  
Estimate:  
0'

1st Open  
N/A

1st Close  
N/A

2nd Open  
N/A

2nd Close  
N/A





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #3**      **Formation: Viola**      **Test Interval: 3028 - 3085'**      **Total Depth: 3153'**  
Time On: 07:40 11/26      Time Off: 12:10 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

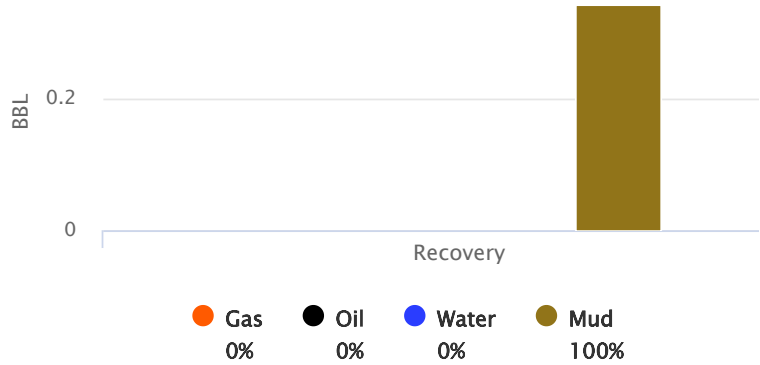
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
70	0.3444	M	0	0	0	100

Total Recovered: 70 ft  
Total Barrels Recovered: 0.3444

**Reversed Out**  
NO

**Recovery at a glance**



Initial Hydrostatic Pressure	0	PSI
Initial Flow	0	PSI
<b>Initial Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Flow Pressure	0	PSI
<b>Final Closed in Pressure</b>	<b>0</b>	<b>PSI</b>
Final Hydrostatic Pressure	0	PSI
Temperature	0	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #3**      **Formation: Viola**      **Test Interval: 3028 - 3085'**      **Total Depth: 3153'**  
Time On: 07:40 11/26      Time Off: 12:10 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**BUCKET MEASUREMENT:**

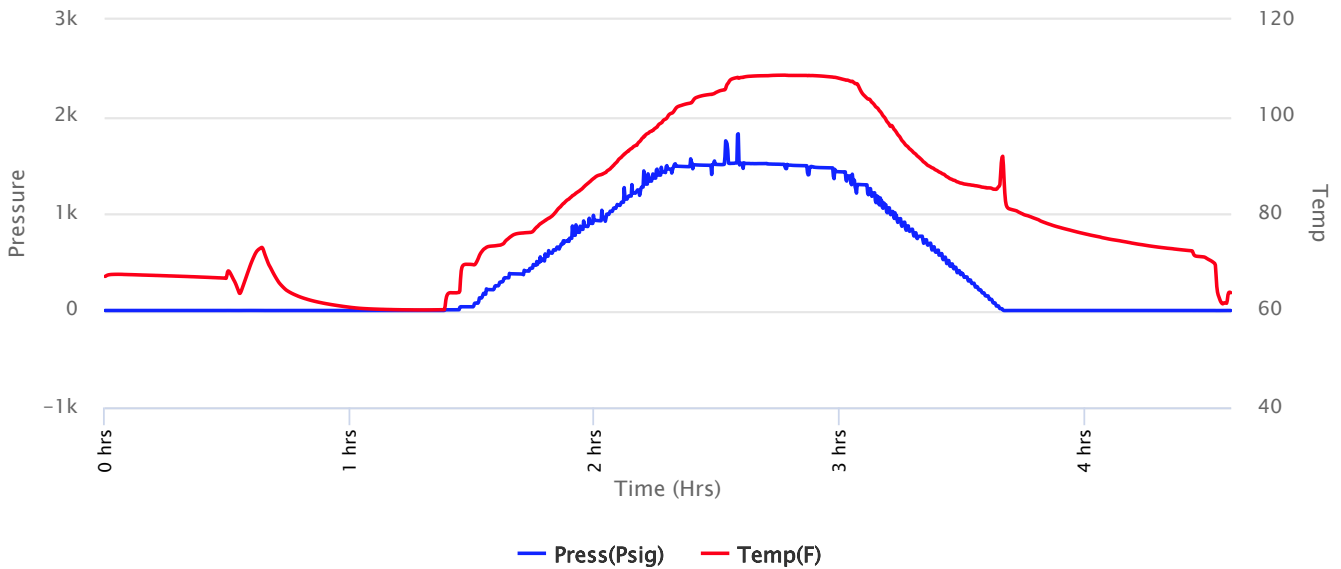
1st Open: N/A  
1st Close: N/A  
2nd Open: N/A  
2nd Close: N/A

**REMARKS:**

Packer failure!

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

**Below Straddle Recorder**





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #3**      **Formation: Viola**      **Test Interval: 3028 - 3085'**      **Total Depth: 3153'**  
Time On: 07:40 11/26      Time Off: 12:10 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Down Hole Makeup**

<b>Heads Up:</b> 9.5199999999998 FT	<b>Packer 1:</b> 3022.25 FT
<b>Drill Pipe:</b> 2892 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3027.75 FT
<b>Weight Pipe:</b> FT	<b>Packer 3:</b> 3085 FT
<b>Collars:</b> 111.7 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 3011.17 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 3065 FT
<b>Total Anchor:</b> 57.25	<b>Below Straddle Recorder:</b> 3151 FT
<b>Anchor Makeup</b>	<b>Well Bore Size:</b> 7 7/8
<b>Packer Sub:</b> 1 FT	<b>Surface Choke:</b> 1"
<b>Perforations: (top):</b> 3 FT <i>4 1/2-FH</i>	<b>Bottom Choke:</b> 5/8"
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 31.25 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 21 FT <i>4 1/2-FH</i>	
<b>STRADDLE</b>	
<b>Straddle Packer(s):</b> 1 FT	
<b>Change Over:</b> 1 FT	
<b>Drill Pipe:</b> 62 FT <i>ID-3 1/2"</i>	
<b>Change Over:</b> 1 FT	
<b>Perforations (in tail pipe):</b> 3 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #3**      **Formation: Viola**      **Test Interval: 3028 - 3085'**      **Total Depth: 3153'**  
Time On: 07:40 11/26      Time Off: 12:10 11/26  
Time On Bottom: 00:00 01/01      Time Off Bottom: 00:00 01/01

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.1      **Viscosity:** 53      **Filtrate:** 7.2      **Chlorides:** 3,000 ppm





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #4**      **Formation: Cherokee**      **Test Interval: 2450 - 2515'**      **Total Depth: 3153'**  
Time On: 19:08 11/26      Time Off: 10:59 11/27  
Time On Bottom: 22:21 11/26      Time Off Bottom: 00:36 11/27

Electronic Volume Estimate:  
2'

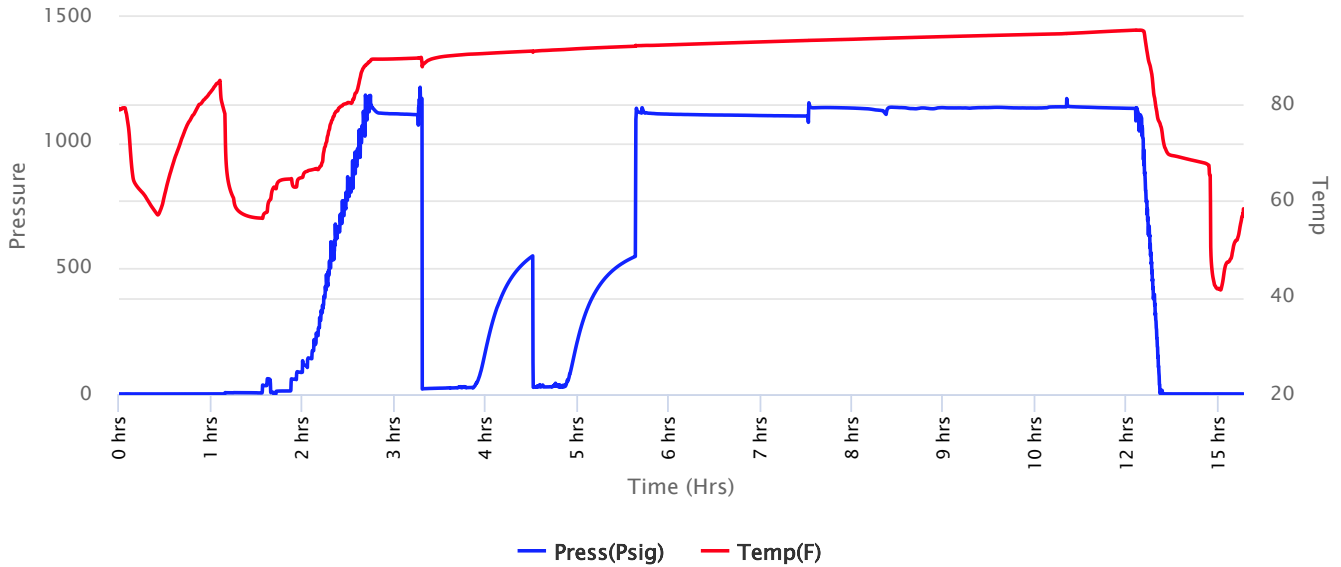
1st Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: .1"

1st Close  
Minutes: 40  
Current Reading:  
0" at 40 min  
Max Reading: 0"

2nd Open  
Minutes: 20  
Current Reading:  
0" at 20 min  
Max Reading: 0"

2nd Close  
Minutes: 45  
Current Reading:  
0" at 45 min  
Max Reading: 0"

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #4**      **Formation: Cherokee**      **Test Interval: 2450 - 2515'**      **Total Depth: 3153'**  
Time On: 19:08 11/26      Time Off: 10:59 11/27  
Time On Bottom: 22:21 11/26      Time Off Bottom: 00:36 11/27

Recovered

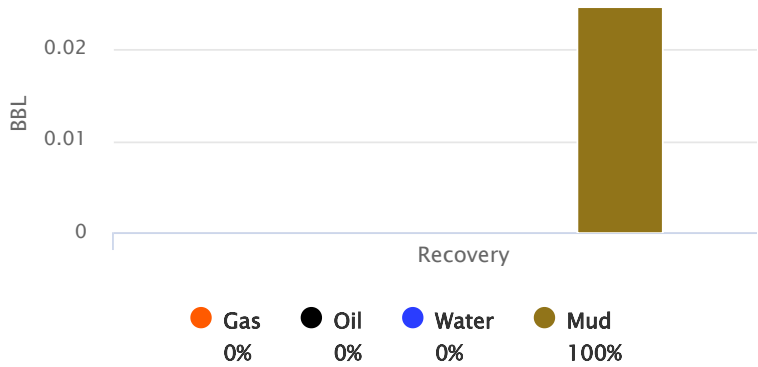
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
5	0.0246	M	0	0	0	100

Total Recovered: 5 ft  
Total Barrels Recovered: 0.0246

**Reversed Out**  
NO

Initial Hydrostatic Pressure	1178	PSI
Initial Flow	21 to 27	PSI
<b>Initial Closed in Pressure</b>	<b>547</b>	<b>PSI</b>
Final Flow Pressure	28 to 33	PSI
<b>Final Closed in Pressure</b>	<b>548</b>	<b>PSI</b>
Final Hydrostatic Pressure	1126	PSI
Temperature	91	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #4**      **Formation: Cherokee**      **Test Interval: 2450 - 2515'**      **Total Depth: 3153'**  
Time On: 19:08 11/26      Time Off: 10:59 11/27  
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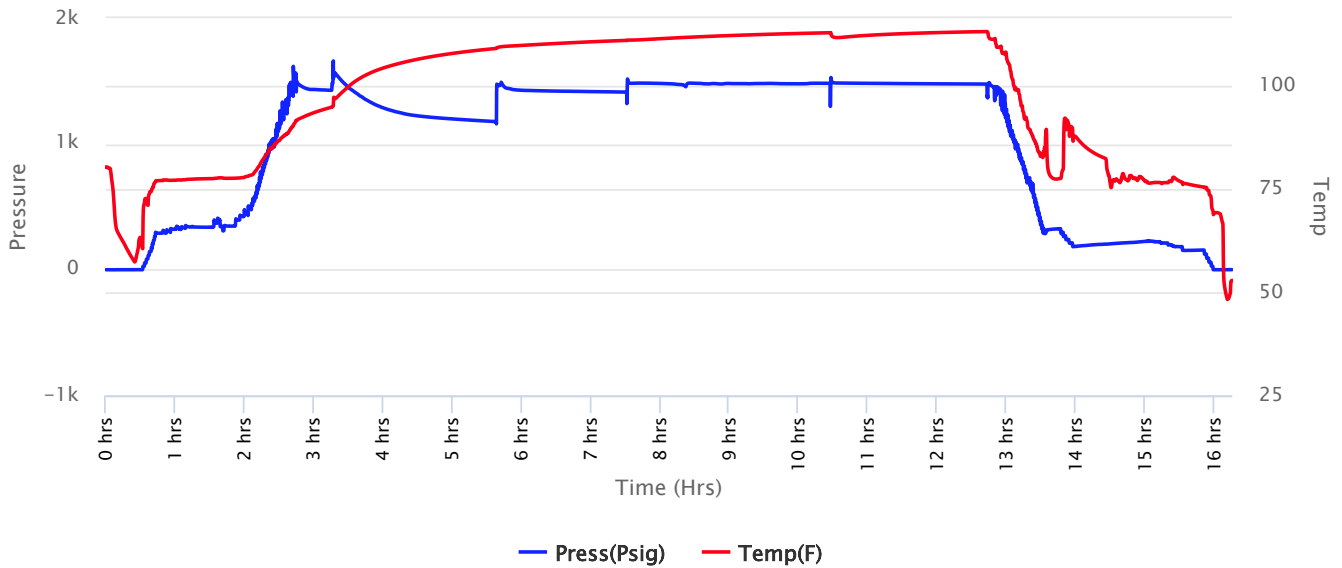
**BUCKET MEASUREMENT:**

1st Open: Weak, surface blow. Died in 20 mins.  
1st Close: No blow back.  
2nd Open: Weak, surface blow. Died in 3 mins.  
2nd Close: No blow back.

**REMARKS:**

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

**Below Straddle Recorder**





**Company: Satchell Creek  
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Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
**26**  
2022

**DST #4**      **Formation:** Cherokee      **Test Interval: 2450 - 2515'**      **Total Depth: 3153'**  
Time On: 19:08 11/26      Time Off: 10:59 11/27  
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**Down Hole Makeup**

<b>Heads Up:</b> 16.65 FT	<b>Packer 1:</b> 2444.5 FT
<b>Drill Pipe:</b> 2108.16 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 2450 FT
<b>Weight Pipe:</b> FT	<b>Packer 3:</b> 2515 FT
<b>Collars:</b> 324.92 FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 2433.42 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 2487 FT
<b>Total Anchor:</b> 65	<b>Below Straddle Recorder:</b> 3147 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 3 FT  
*4 1/2-FH*

**Change Over:** .5 FT

**Drill Pipe: (in anchor):** 31 FT  
*ID-3 1/2*

**Change Over:** .5 FT

**Perforations: (below):** 29 FT  
*4 1/2-FH*

**STRADDLE**

**Straddle Packer(s):** 1 FT

**Change Over:** 1 FT

**Drill Pipe:** 628 FT  
*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 7 FT  
*4 1/2-FH*





**Company: Satchell Creek  
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LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
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**26**  
2022

**DST #4**      **Formation:** Cherokee      **Test Interval: 2450 - 2515'**      **Total Depth: 3153'**  
Time On: 19:08 11/26      Time Off: 10:59 11/27  
Time On Bottom: 22:21 11/26      Time Off Bottom: 00:36 11/27

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.0      **Viscosity:** 55      **Filtrate:** 7.2      **Chlorides:** 3,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Place #A1-23**

SEC: 23 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 1477 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 618  
API #: 15-015-24179-00-00

**Operation:**  
Well Complete

**DATE**  
November  
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**DST #4**      **Formation:** Cherokee      **Test Interval: 2450 - 2515'**      **Total Depth: 3153'**  
Time On: 19:08 11/26      Time Off: 10:59 11/27  
Time On Bottom: 22:21 11/26      Time Off Bottom: 00:36 11/27

**Gas Volume Report**

1st Open

2nd Open

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