

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	MASTERS A1-23
Doc ID	1678305

All Electric Logs Run

DIL
MEL
Sonic
PE

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	MASTERS A1-23
Doc ID	1678305

Tops

Name	Top	Datum
Heebner	1435	66
Toronto	1452	49
Lansing	1762	-261
Base Lansing	1908	-407
KC	2054	-553
BKC	2209	-708
Fort Scott	2440	-939
Cherokee	2460	-959
Squirrel Sand	2500	-999
Mississippian	2810	-1309
Kinderhook	3018	-1517
Viola	3084	-1583
Simpson	3146	-1645



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

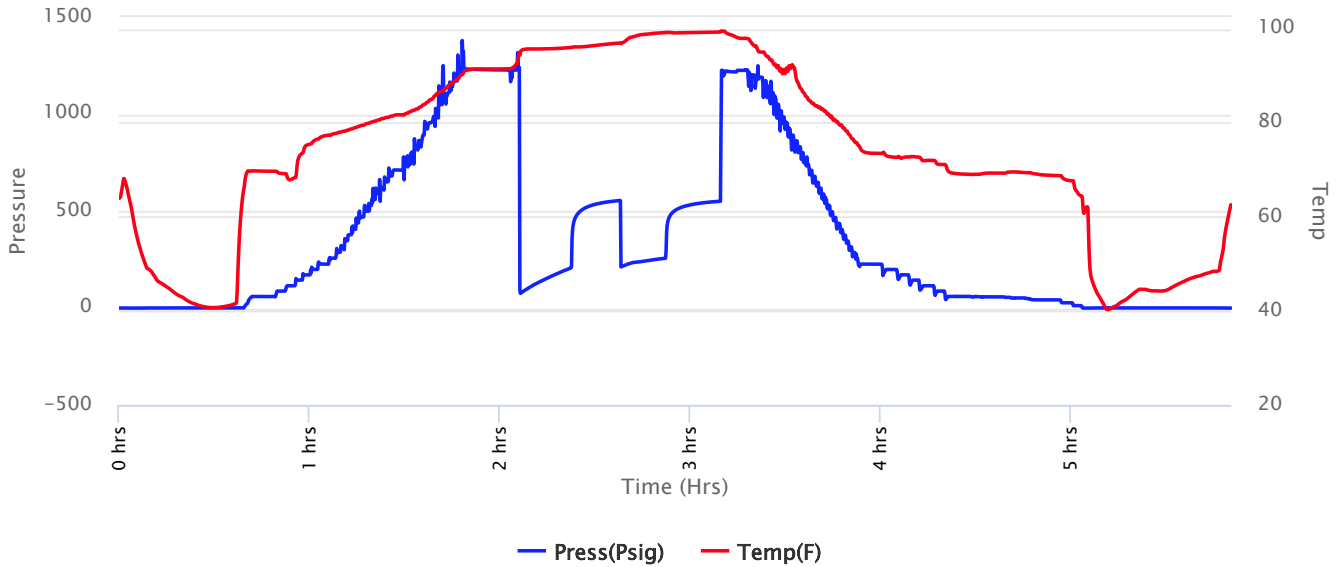
DATE
December
09
2022

DST #1 **Formation: Squirrel Sand** **Test Interval: 2454 - 2560'** **Total Depth: 2560'**
Time On: 04:42 12/09 Time Off: 10:23 12/09
Time On Bottom: 06:45 12/09 Time Off Bottom: 07:45 12/09

Electronic Volume
Estimate:
432'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 15	Minutes: 15	Minutes: 15	Minutes: 15
Current Reading: 22.1" at 15 min	Current Reading: 0" at 15 min	Current Reading: 14.3" at 15 min	Current Reading: 0" at 15 min
Max Reading: 22.1"	Max Reading: 0"	Max Reading: 14.3"	Max Reading: 0"

Inside Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #1 **Formation: Squirrel Sand** **Test Interval: 2454 - 2560'** **Total Depth: 2560'**
Time On: 04:42 12/09 Time Off: 10:23 12/09
Time On Bottom: 06:45 12/09 Time Off Bottom: 07:45 12/09

Recovered

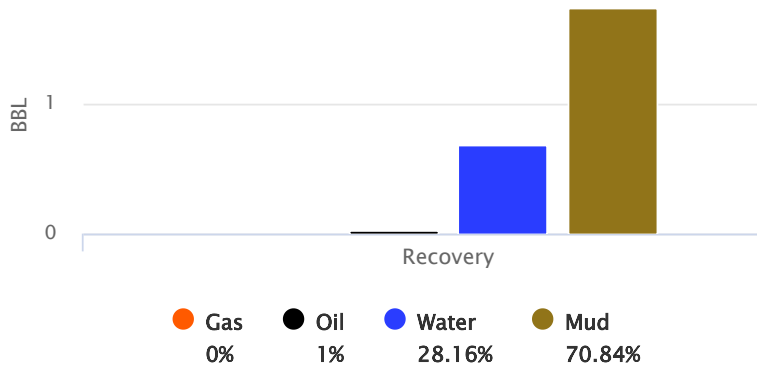
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
280	1.8751264	SLOCSLWCM	0	1	9	90
120	0.5904	SLOCSLMCW	0	1	89	10

Total Recovered: 400 ft
Total Barrels Recovered: 2.4655264

Reversed Out
NO

Initial Hydrostatic Pressure	1231	PSI
Initial Flow	95 to 216	PSI
Initial Closed in Pressure	554	PSI
Final Flow Pressure	554 to 255	PSI
Final Closed in Pressure	255	PSI
Final Hydrostatic Pressure	1219	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	54.0	%

Recovery at a glance



GIP cubic foot volume: 0



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #1	Formation: Squirrel Sand	Test Interval: 2454 - 2560'	Total Depth: 2560'
	Time On: 04:42 12/09	Time Off: 10:23 12/09	
	Time On Bottom: 06:45 12/09	Time Off Bottom: 07:45 12/09	

BUCKET MEASUREMENT:

1st Open: 4 in. blow building. BOB in 7 mins.

1st Close: No blow back.

2nd Open: 1 1/2 in. blow building. BOB in 11 mins.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 1% Oil 10% Water 89% Mud

Measured RW: 1.8 @ 42 degrees °F

RW at Formation Temp: 0.822 @ 100 °F

Chlorides: 5,000 ppm



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SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #1 **Formation: Squirrel Sand** **Test Interval: 2454 - 2560'** **Total Depth: 2560'**
Time On: 04:42 12/09 Time Off: 10:23 12/09
Time On Bottom: 06:45 12/09 Time Off Bottom: 07:45 12/09

Down Hole Makeup

Heads Up: 23.87 FT	Packer 1: 2448.5 FT
Drill Pipe: 2097.74 FT <i>ID-3 1/2</i>	Packer 2: 2454 FT
Weight Pipe: FT	Top Recorder: 2437.42 FT
Collars: 346.56 FT <i>ID-2 1/4</i>	Bottom Recorder: 1 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 106	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 93 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 9 FT <i>4 1/2-FH</i>	



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #1 **Formation: Squirrel Sand** **Test Interval: 2454 - 2560'** **Total Depth: 2560'**
Time On: 04:42 12/09 Time Off: 10:23 12/09
Time On Bottom: 06:45 12/09 Time Off Bottom: 07:45 12/09

Mud Properties

Mud Type: Chemical **Weight:** 8.7 **Viscosity:** 78 **Filtrate:** 4.0 **Chlorides:** 2,000 ppm



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #1 Formation: Squirrel Sand Test Interval: 2454 - 2560' Total Depth: 2560'
Time On: 04:42 12/09 Time Off: 10:23 12/09
Time On Bottom: 06:45 12/09 Time Off Bottom: 07:45 12/09

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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #2 **Formation:** **Test Interval: 2560 -** **Total Depth: 2760'**
 Bartlesville-
 Cattleman Sand
 Time On: 18:22 12/09 **Time Off: 23:34 12/09**
 Time On Bottom: 21:01 12/09 **Time Off Bottom: 21:51 12/09**

Electronic Volume
Estimate:
17'

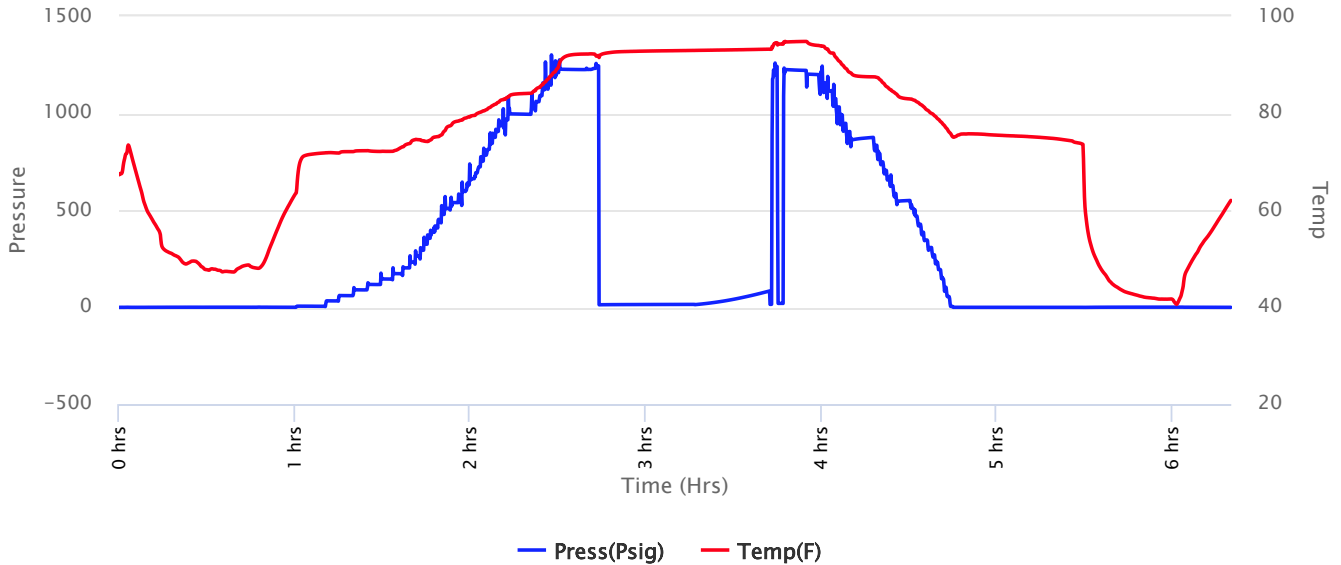
1st Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 1"

1st Close
Minutes: 20
Current Reading:
0" at 20 min
Max Reading: 0"

2nd Open
N/A

2nd Close
N/A

Inside Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #2 **Formation:**
Bartlesville-
Cattleman Sand **Test Interval: 2560 -**
2760' **Total Depth: 2760'**

Time On: 18:22 12/09 Time Off: 23:34 12/09
Time On Bottom: 21:01 12/09 Time Off Bottom: 21:51 12/09

Recovered

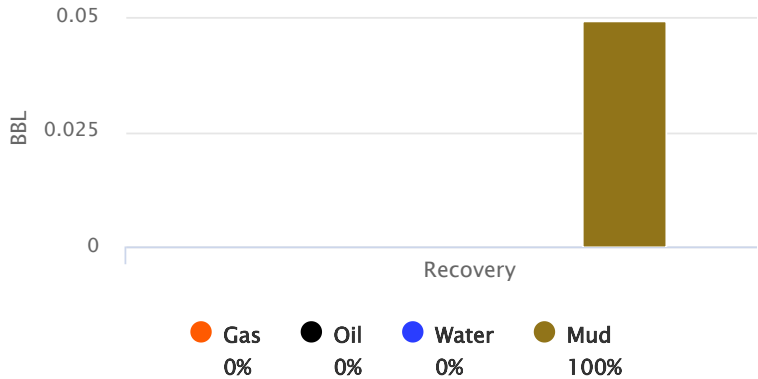
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
10	0.0492	M	0	0	0	100

Total Recovered: 10 ft
Total Barrels Recovered: 0.0492

Reversed Out
NO

Initial Hydrostatic Pressure	1245	PSI
Initial Flow	13 to 13	PSI
Initial Closed in Pressure	82	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1224	PSI
Temperature	94	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #2	Formation: Bartlesville- Cattleman Sand	Test Interval: 2560 - 2760'	Total Depth: 2760'
	Time On: 18:22 12/09	Time Off: 23:34 12/09	
	Time On Bottom: 21:01 12/09	Time Off Bottom: 21:51 12/09	

BUCKET MEASUREMENT:

1st Open: 1 in. blow. Died in 25 mins.
1st Close: No blow back.
2nd Open: No blow. Reset tool. Dying surface blow. Pulled tool.
2nd Close: N/A



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #2 **Formation:** **Test Interval: 2560 -** **Total Depth: 2760'**
 Bartlesville-
 Cattleman Sand
 2760'
 Time On: 18:22 12/09 Time Off: 23:34 12/09
 Time On Bottom: 21:01 12/09 Time Off Bottom: 21:51 12/09

Down Hole Makeup

Heads Up: 10.49 FT	Packer 1: 2554.5 FT
Drill Pipe: 2190.36 FT <i>ID-3 1/2</i>	Packer 2: 2560 FT
Weight Pipe: FT	Top Recorder: 2543.42 FT
Collars: 346.56 FT <i>ID-2 1/4</i>	Bottom Recorder: 2751 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 200	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 2 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 186 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 10 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC**

Lease: Masters #A1-23

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #2	Formation: Bartlesville- Cattleman Sand	Test Interval: 2560 - 2760'	Total Depth: 2760'
	Time On: 18:22 12/09	Time Off: 23:34 12/09	
	Time On Bottom: 21:01 12/09	Time Off Bottom: 21:51 12/09	

Mud Properties

Mud Type: Chemical	Weight: 9.2	Viscosity: 46	Filtrate: 5.2	Chlorides: 4,000 ppm
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**Company: Satchell Creek
Petroleum, LLC
Lease: Masters #A1-23**

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
09
2022

DST #2 **Formation:** **Test Interval: 2560 -** **Total Depth: 2760'**
 Bartlesville-
 Cattleman Sand
 Time On: 18:22 12/09 Time Off: 23:34 12/09
 Time On Bottom: 21:01 12/09 Time Off Bottom: 21:51 12/09

Gas Volume Report

1st Open

2nd Open

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



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
10
2022

DST #3 **Formation: Unknown** **Test Interval: 2763 - 2788'** **Total Depth: 2788'**
Time On: 05:00 12/10 Time Off: 11:04 12/10
Time On Bottom: 07:29 12/10 Time Off Bottom: 08:49 12/10

Electronic Volume
Estimate:
47'

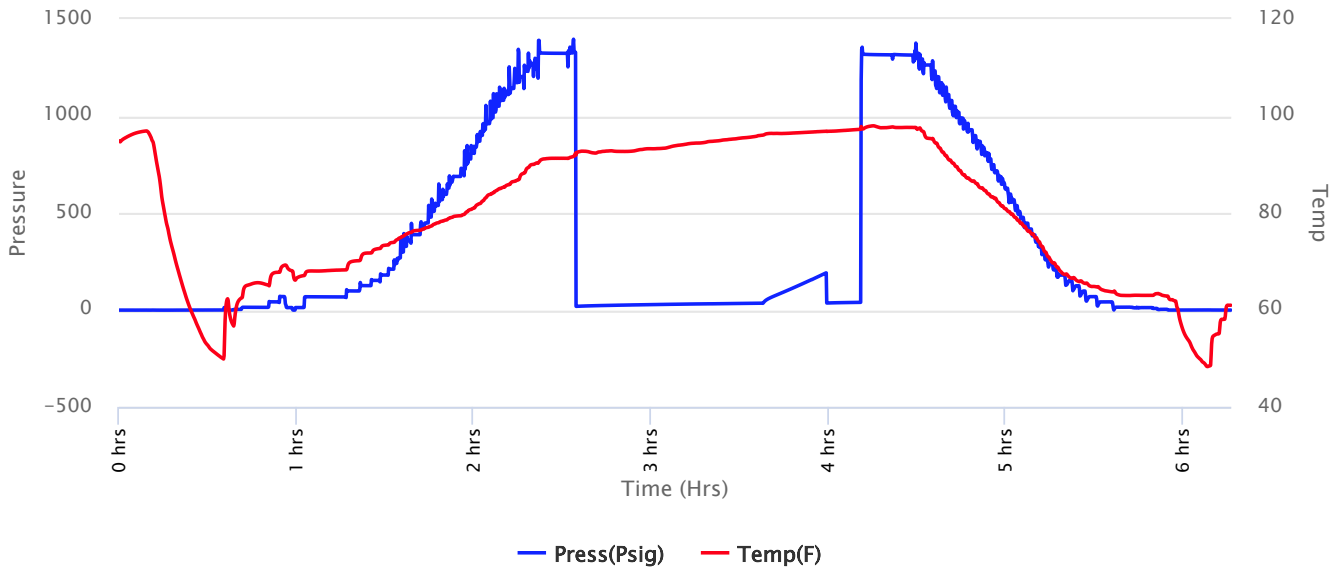
1st Open
Minutes: 60
Current Reading:
2.5" at 60 min
Max Reading: 2.5"

1st Close
Minutes: 20
Current Reading:
0" at 20 min
Max Reading: 0"

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

2nd Close
N/A

Inside Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
10
2022

DST #3 **Formation: Unknown** **Test Interval: 2763 - 2788'** **Total Depth: 2788'**
Time On: 05:00 12/10 Time Off: 11:04 12/10
Time On Bottom: 07:29 12/10 Time Off Bottom: 08:49 12/10

Recovered

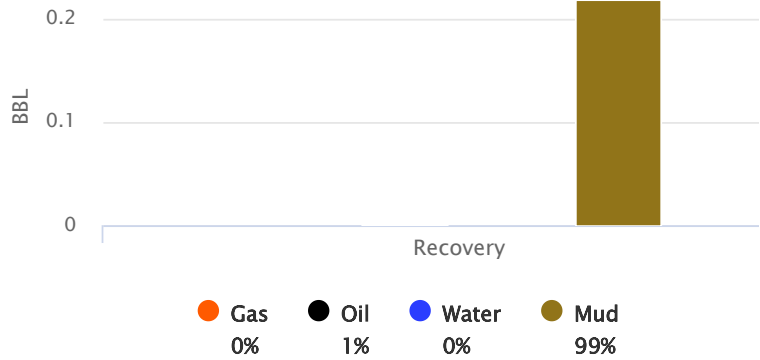
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
45	0.2214	SLOCM	0	1	0	99

Total Recovered: 45 ft
Total Barrels Recovered: 0.2214

Reversed Out
NO

Initial Hydrostatic Pressure	1327	PSI
Initial Flow	19 to 34	PSI
Initial Closed in Pressure	170	PSI
Final Flow Pressure	36	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1318	PSI
Temperature	98	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
10
2022

DST #3	Formation: Unknown	Test Interval: 2763 - 2788'	Total Depth: 2788'
	Time On: 05:00 12/10	Time Off: 11:04 12/10	
	Time On Bottom: 07:29 12/10	Time Off Bottom: 08:49 12/10	

BUCKET MEASUREMENT:

1st Open: Weak, surface blow building to 2 1/2 ins.
1st Close: No blow back.
2nd Open: Weak, surface blow. Died almost immediately.
2nd Close: N/A

REMARKS:

Tool Sample: 0% Gas 1% Oil 0% Water 99% Mud



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

SEC: 23 TWN: 25S RNG: 7E
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LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
10
2022

DST #3 **Formation:** **Test Interval: 2763 -** **Total Depth: 2788'**
Unknown **2788'**
Time On: 05:00 12/10 Time Off: 11:04 12/10
Time On Bottom: 07:29 12/10 Time Off Bottom: 08:49 12/10

Down Hole Makeup

Heads Up: 27.17 FT	Packer 1: 2757.5 FT
Drill Pipe: 2410.04 FT <i>ID-3 1/2</i>	Packer 2: 2763 FT
Weight Pipe: FT	Top Recorder: 2746.42 FT
Collars: 346.56 FT <i>ID-2 1/4</i>	Bottom Recorder: 2766 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 25	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 1 FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 23 FT <i>4 1/2-FH</i>	



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
10
2022

DST #3 **Formation:** **Test Interval: 2763 -** **Total Depth: 2788'**
Unknown **2788'**
Time On: 05:00 12/10 Time Off: 11:04 12/10
Time On Bottom: 07:29 12/10 Time Off Bottom: 08:49 12/10

Mud Properties

Mud Type: Chemical **Weight:** 9.2 **Viscosity:** 46 **Filtrate:** 5.2 **Chlorides:** 4,000 ppm



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
10
2022

DST #3 **Formation:** **Test Interval: 2763 -** **Total Depth: 2788'**
 Unknown **2788'**

Time On: 05:00 12/10 Time Off: 11:04 12/10
Time On Bottom: 07:29 12/10 Time Off Bottom: 08:49 12/10

Gas Volume Report

1st Open

2nd Open

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

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



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
11
2022

DST #4 **Formation: Mississippi** **Test Interval: 2810 - 2830'** **Total Depth: 3208'**
Time On: 10:40 12/11 Time Off: 16:51 12/11
Time On Bottom: 13:04 12/11 Time Off Bottom: 14:04 12/11

Electronic Volume
Estimate:
2508'

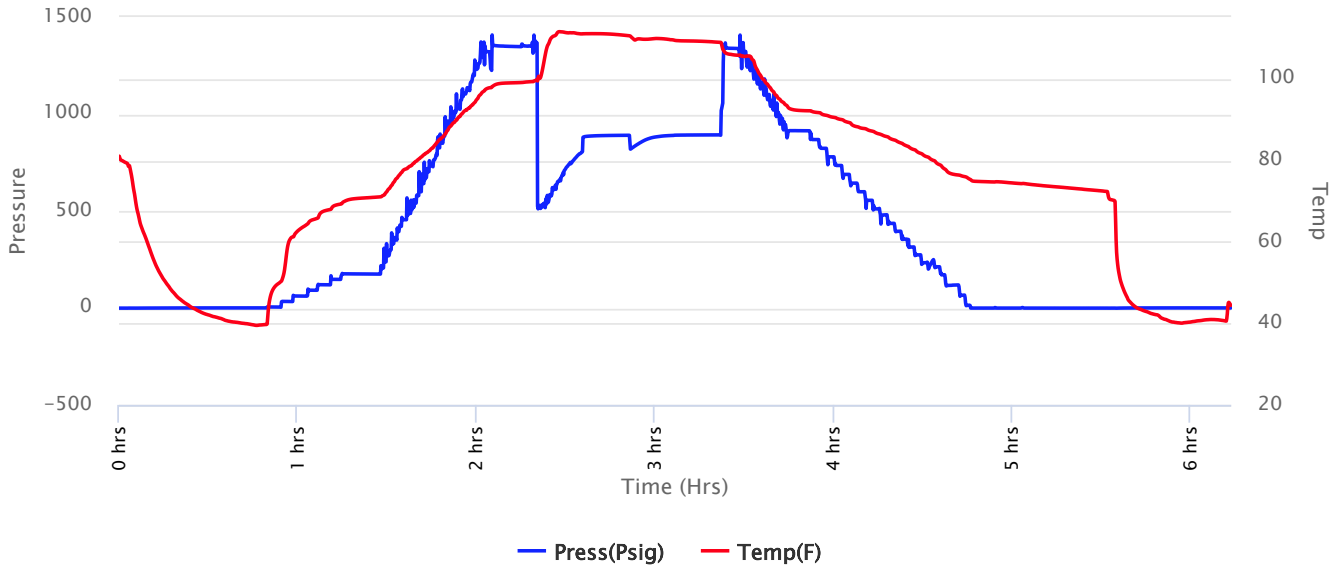
1st Open
Minutes: 15
Current Reading:
315" at 15 min
Max Reading: 315"

1st Close
Minutes: 10
Current Reading:
0" at 10 min
Max Reading: 0"

2nd Open
Minutes: 15
Current Reading:
108" at 15 min
Max Reading: 108"

2nd Close
Minutes: 10
Current Reading:
0" at 10 min
Max Reading: 0"

Inside Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
11
2022

DST #4 **Formation:**
Mississippi

Test Interval: 2810 - 2830' **Total Depth: 3208'**

Time On: 10:40 12/11 Time Off: 16:51 12/11
Time On Bottom: 13:04 12/11 Time Off Bottom: 14:04 12/11

Recovered

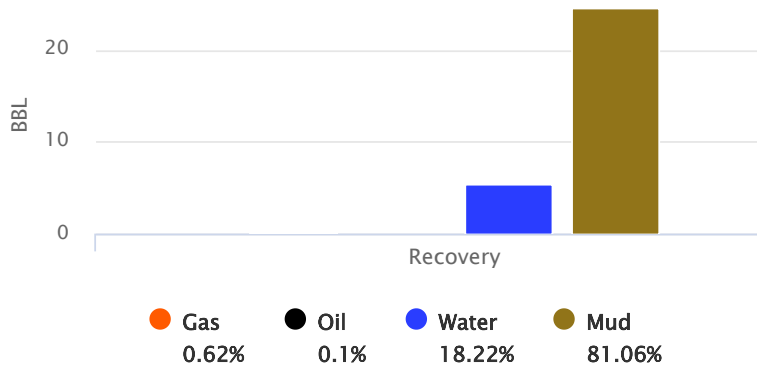
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1860	26.4678	SLWCM (trace oil)	0	.1	10	89.9
496	3.8316064	SLGCMCW (trace oil)	4.9	.1	75	20

Total Recovered: 2356 ft
Total Barrels Recovered: 30.2994064

Reversed Out
NO

Initial Hydrostatic Pressure	1350	PSI
Initial Flow	1350 to 886	PSI
Initial Closed in Pressure	886	PSI
Final Flow Pressure	821 to 891	PSI
Final Closed in Pressure	893	PSI
Final Hydrostatic Pressure	1369	PSI
Temperature	109	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 1.05412



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
11
2022

DST #4 **Formation:** Mississippi **Test Interval: 2810 - 2830'** **Total Depth: 3208'**
Time On: 10:40 12/11 Time Off: 16:51 12/11
Time On Bottom: 13:04 12/11 Time Off Bottom: 14:04 12/11

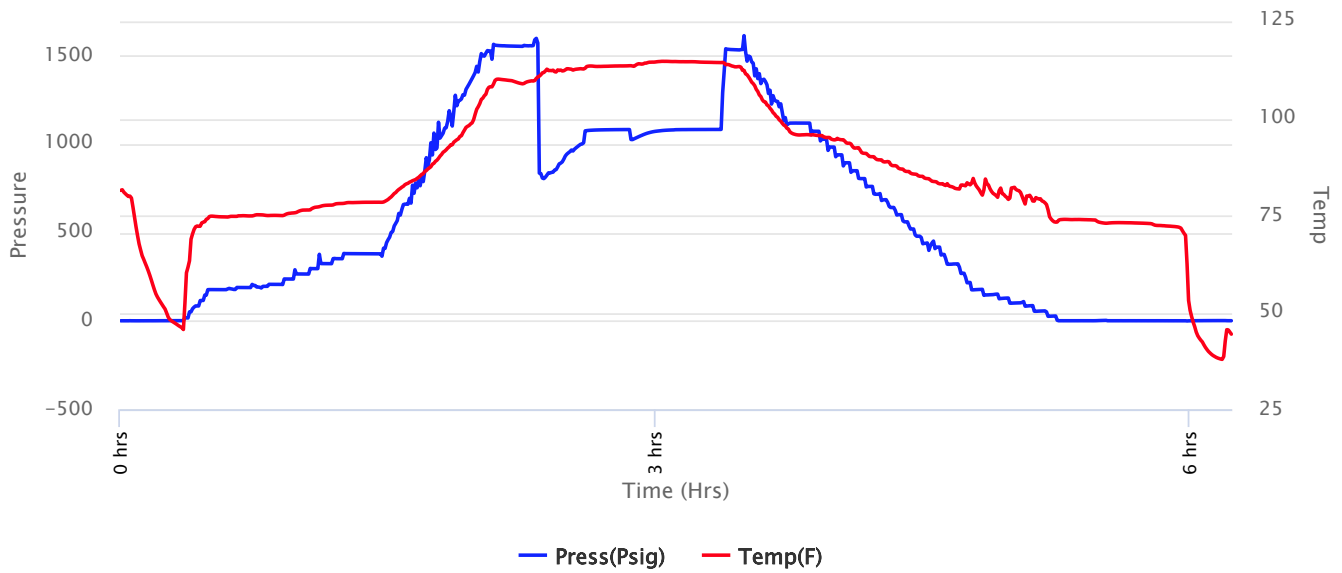
BUCKET MEASUREMENT:

- 1st Open: BOB immediately.
- 1st Close: No blow back.
- 2nd Open: BOB in 1 min.
- 2nd Close: No blow back.

REMARKS:

MISRUN! Straddle packer didn't hold.

Below Straddle Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
11
2022

DST #4 **Formation:** **Test Interval: 2810 -** **Total Depth: 3208'**
Mississippi **2830'**
Time On: 10:40 12/11 Time Off: 16:51 12/11
Time On Bottom: 13:04 12/11 Time Off Bottom: 14:04 12/11

Down Hole Makeup

Heads Up: 75.97 FT	Packer 1: 2804.5 FT
Drill Pipe: 2505.84 FT <i>ID-3 1/2</i>	Packer 2: 2810 FT
Weight Pipe: FT	Packer 3: 2830 FT
Collars: 346.56 FT <i>ID-2 1/4</i>	Top Recorder: 2793.42 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 2831 FT
Total Anchor: 20	Below Straddle Recorder: 3176 FT
	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 19 FT
4 1/2-FH

Change Over: FT

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

Change Over: FT

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

STRADDLE

Straddle Packer(s): 1 FT

Change Over: .5 FT

Drill Pipe: 344.2 FT
ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 33 FT
4 1/2-FH



**Company: Satchell Creek
Petroleum, LLC**

Lease: Masters #A1-23

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
11
2022

DST #4 **Formation:** **Test Interval: 2810 -** **Total Depth: 3208'**
Mississippi **2830'**
Time On: 10:40 12/11 Time Off: 16:51 12/11
Time On Bottom: 13:04 12/11 Time Off Bottom: 14:04 12/11

Mud Properties

Mud Type: Chemical **Weight:** 9.1 **Viscosity:** 44 **Filtrate:** 6.0 **Chlorides:** 7,000 ppm



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
11
2022

DST #4 **Formation:** **Test Interval: 2810 -** **Total Depth: 3208'**
Mississippi **2830'**
Time On: 10:40 12/11 Time Off: 16:51 12/11
Time On Bottom: 13:04 12/11 Time Off Bottom: 14:04 12/11

Gas Volume Report

1st Open

2nd Open

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

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



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
12
2022

DST #5 **Formation: Unknown** **Test Interval: 2778 - 2812'** **Total Depth: 3208'**
Time On: 05:31 12/12 Time Off: 11:48 12/12
Time On Bottom: 08:39 12/12 Time Off Bottom: 09:24 12/12

Electronic Volume
Estimate:
1'

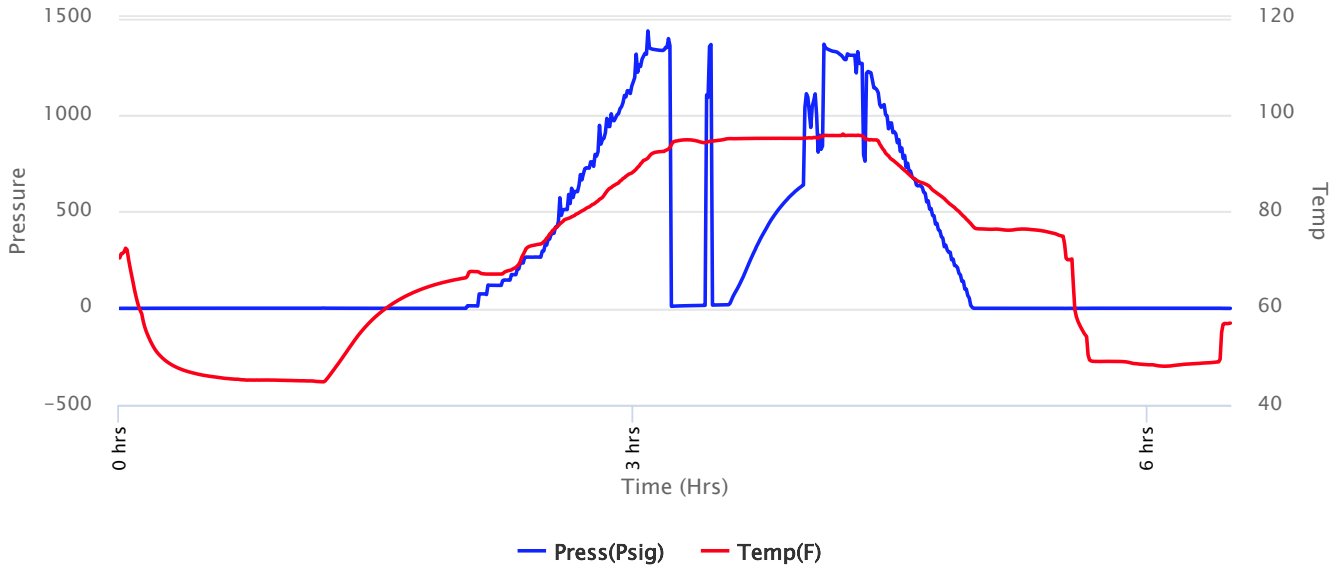
1st Open
Minutes: 15
Current Reading:
0" at 15 min
Max Reading: .03"

1st Close
Minutes: 10
Current Reading:
0" at 10 min
Max Reading: 0"

2nd Open
N/A

2nd Close
N/A

Inside Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
12
2022

DST #5 **Formation: Unknown** **Test Interval: 2778 - 2812'** **Total Depth: 3208'**
Time On: 05:31 12/12 Time Off: 11:48 12/12
Time On Bottom: 08:39 12/12 Time Off Bottom: 09:24 12/12

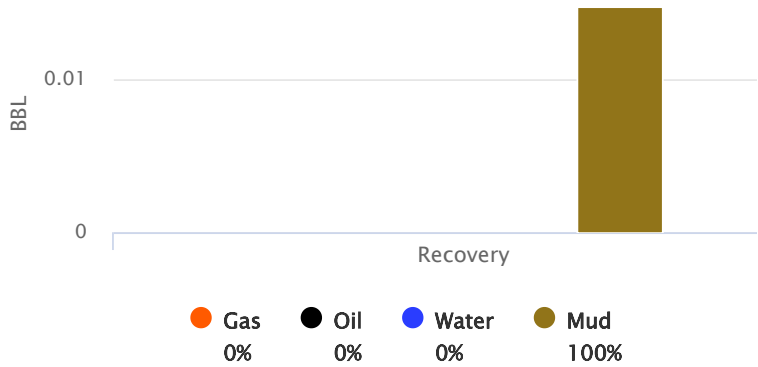
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
3	0.01476	M	0	0	0	100

Total Recovered: 3 ft
Total Barrels Recovered: 0.01476

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1398	PSI
Initial Flow	12 to 27	PSI
Initial Closed in Pressure	19	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1369	PSI
Temperature	96	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
12
2022

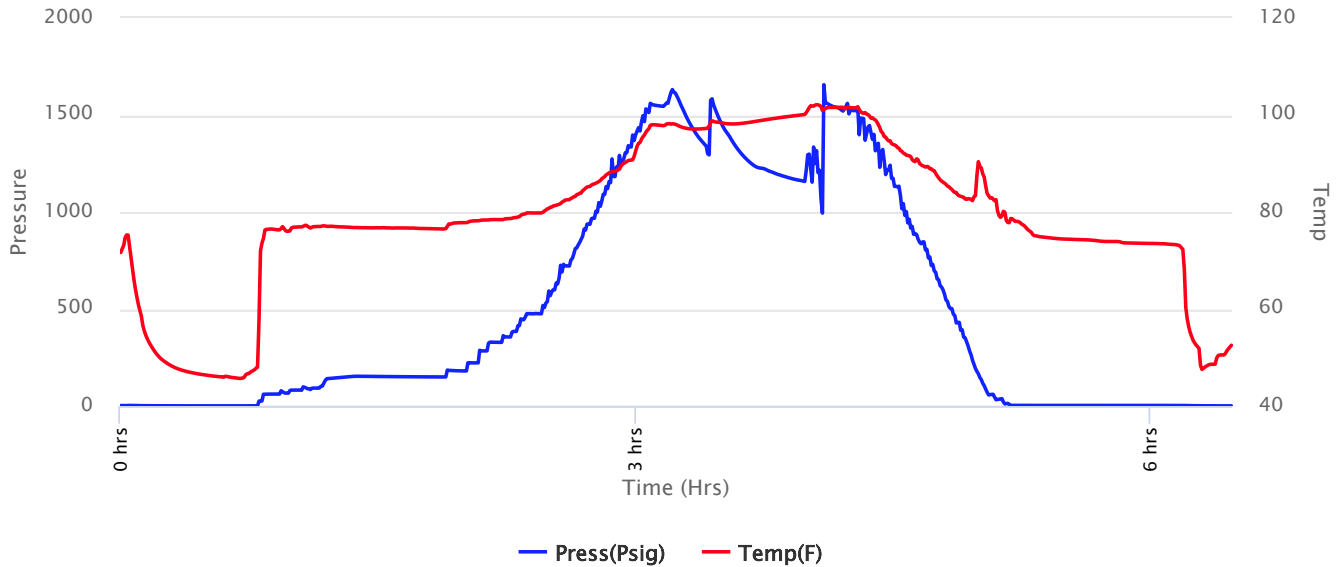
DST #5 **Formation:** Unknown **Test Interval: 2778 - 2812'** **Total Depth: 3208'**
Time On: 05:31 12/12 Time Off: 11:48 12/12
Time On Bottom: 08:39 12/12 Time Off Bottom: 09:24 12/12

BUCKET MEASUREMENT:

1st Open: Weak, surface blow. Died in 15 mins. Flushed tool 10 mins. in.
1st Close: No blow back.
2nd Open: N/A
2nd Close: N/A

REMARKS:

Below Straddle Recorder





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

SEC: 23 TWN: 25S RNG: 7E
County: BUTLER
State: Kansas
Drilling Contractor: Feature Drilling LLC - Rig 2
Elevation: 1496 GL
Field Name: Wildcat
Pool: WILDCAT
Job Number: 622
API #: 15-015-24181

Operation:
Well Complete

DATE
December
12
2022

DST #5 **Formation:** **Test Interval: 2778 -** **Total Depth: 3208'**
Unknown **2812'**
 Time On: 05:31 12/12 Time Off: 11:48 12/12
 Time On Bottom: 08:39 12/12 Time Off Bottom: 09:24 12/12

Down Hole Makeup

Heads Up: 75.97 FT	Packer 1: 2772.5 FT
Drill Pipe: 2473.84 FT <i>ID-3 1/2</i>	Packer 2: 2778 FT
Weight Pipe: FT	Packer 3: 2812 FT
Collars: 346.56 FT <i>ID-2 1/4</i>	Top Recorder: 2761.42 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Bottom Recorder: 2813 FT
Total Anchor: 34	Below Straddle Recorder: 3189 FT
	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

Anchor Makeup

Packer Sub: 1 FT

Perforations: (top): 33 FT
4 1/2-FH

Change Over: FT

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

Change Over: FT

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

STRADDLE

Straddle Packer(s): FT

Change Over: .5 FT

Drill Pipe: 375 FT
ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 20 FT
4 1/2-FH



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

SEC: 23 TWN: 25S RNG: 7E
 County: BUTLER
 State: Kansas
 Drilling Contractor: Feature Drilling LLC - Rig 2
 Elevation: 1496 GL
 Field Name: Wildcat
 Pool: WILDCAT
 Job Number: 622
 API #: 15-015-24181

Operation:
 Well Complete

DATE
 December
12
 2022

DST #5 **Formation:**
 Unknown **Test Interval:** 2778 - 2812' **Total Depth:** 3208'
 Time On: 05:31 12/12 Time Off: 11:48 12/12
 Time On Bottom: 08:39 12/12 Time Off Bottom: 09:24 12/12

Gas Volume Report

1st Open

Time	Orifice	PSI	MCF/D

2nd Open

Time	Orifice	PSI	MCF/D

MUD LOG

WellSight Systems

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

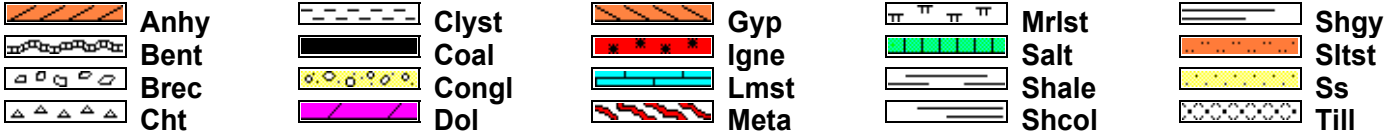
Well Name: Masters A1-23
 API: 15-015-24181-00-00
 Location:
 License Number: 35970
 Spud Date: 12/05/2022
 Surface Coordinates:

Region: Butler County
 Drilling Completed:

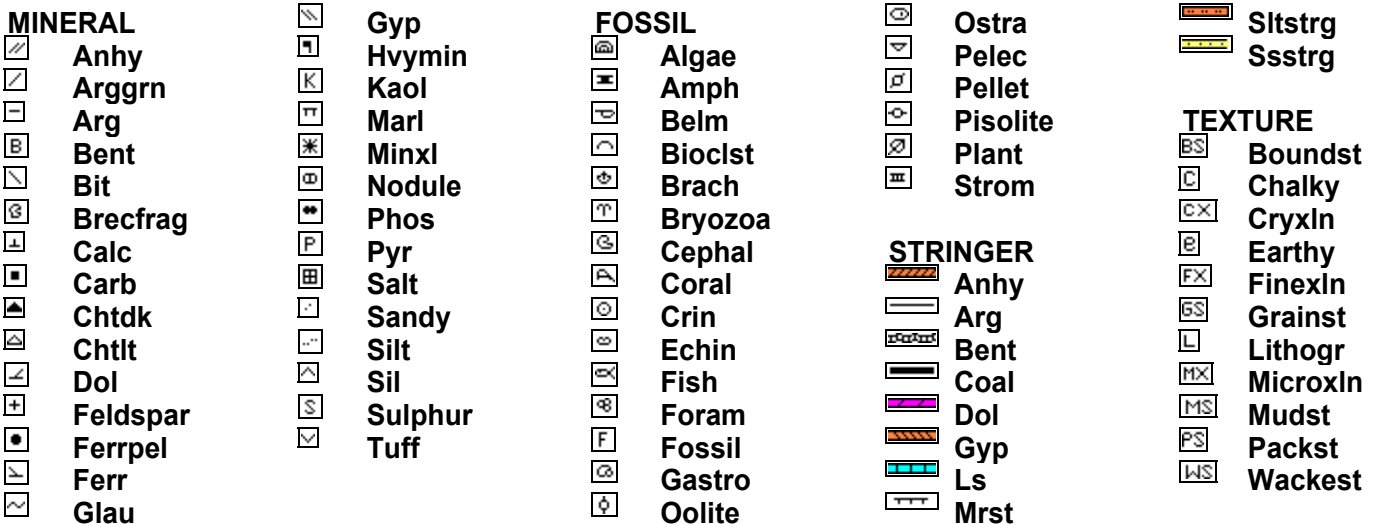
Bottom Hole
 Coordinates:
 Ground Elevation (ft): 1496 K.B. Elevation (ft): 1501
 Logged Interval (ft): 1200 To: TD Total Depth (ft):
 Formation: Arbuckle
 Type of Drilling Fluid: Chemical

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

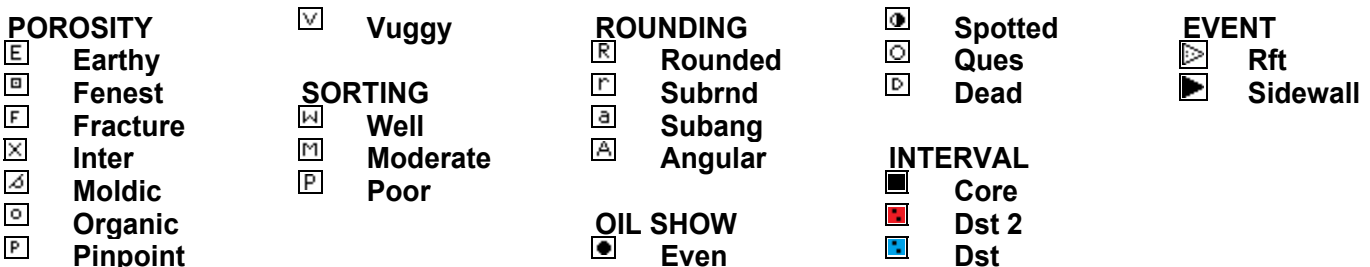
ROCK TYPES

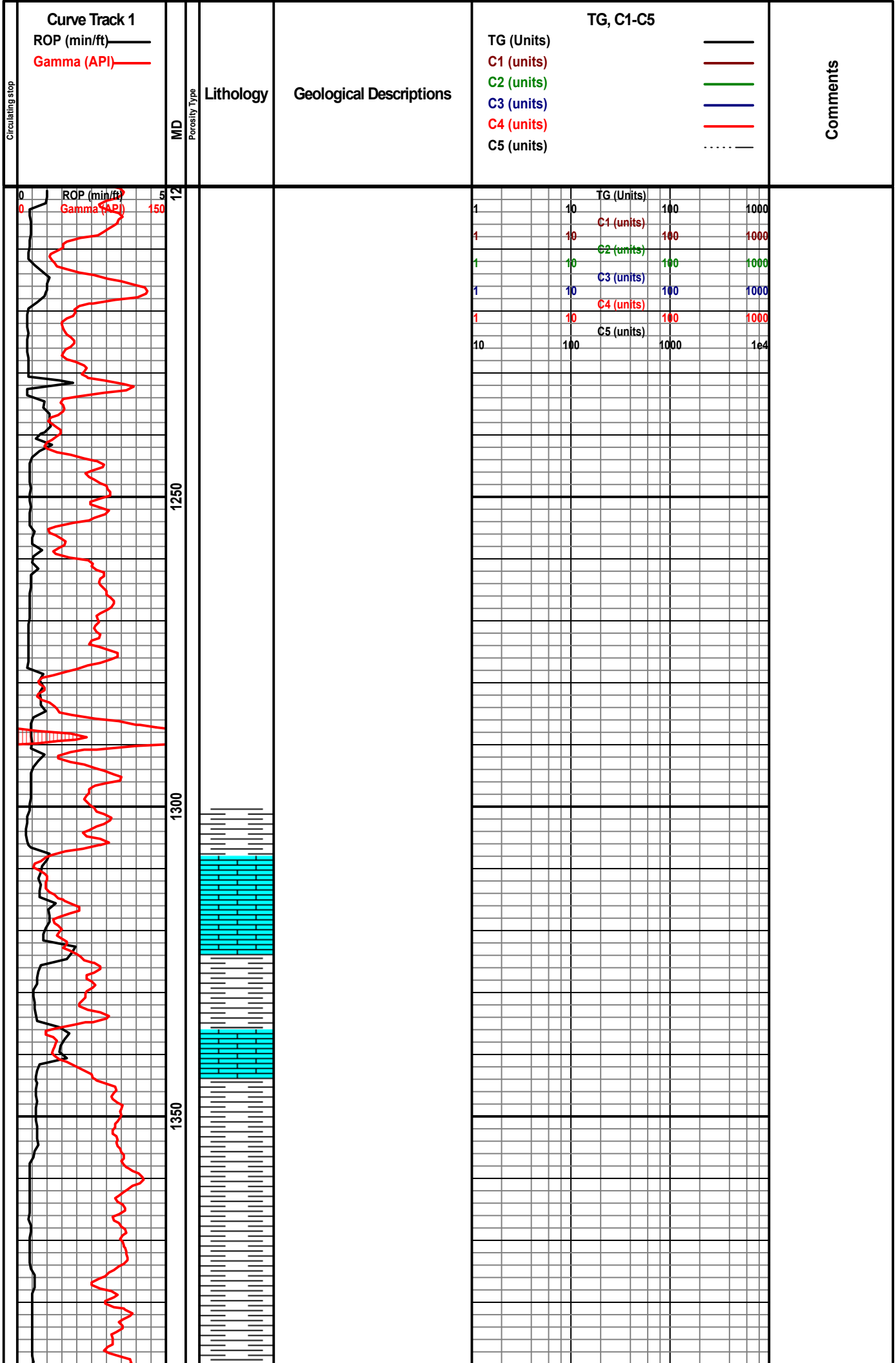


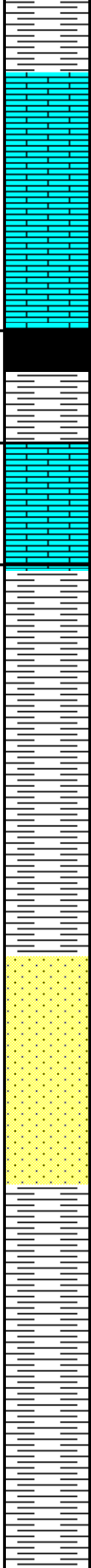
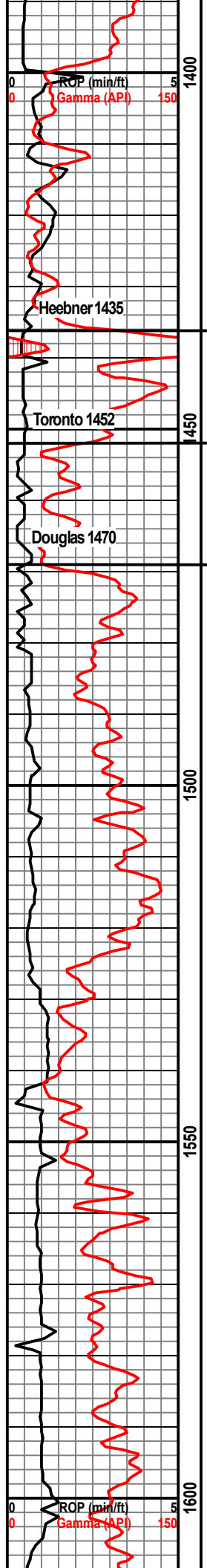
ACCESSORIES



OTHER SYMBOLS



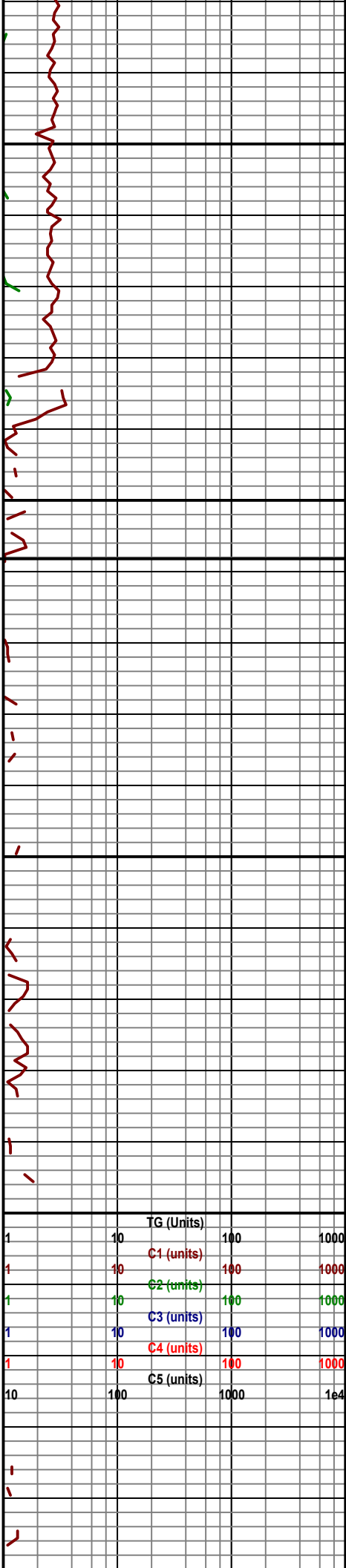
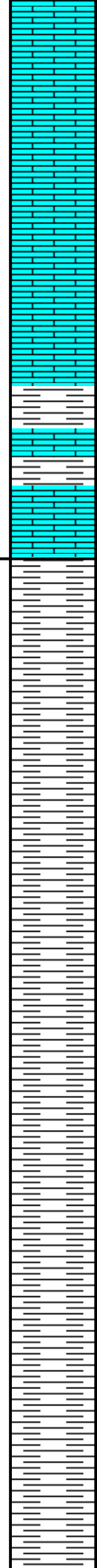
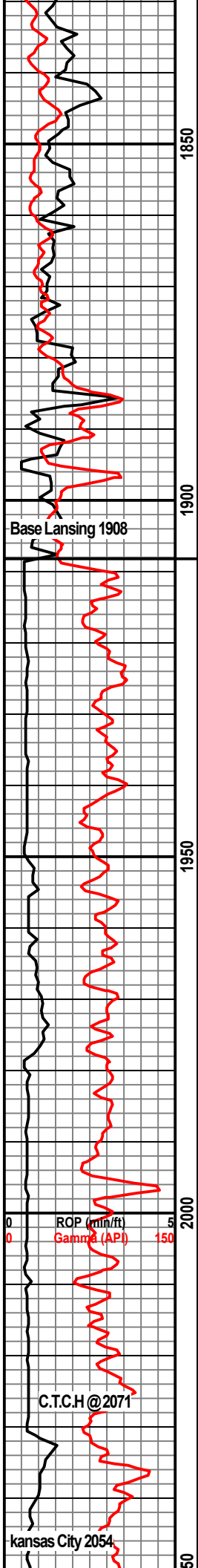




TG (Units)			
1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
1	10	100	1000
10	100	1000	1e4

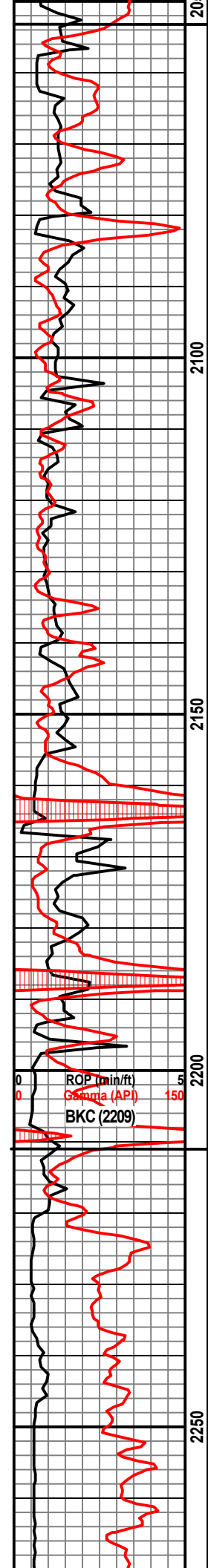
Plugged In Gas Detector

TG (Units)			
1	10	100	1000
1	10	100	1000

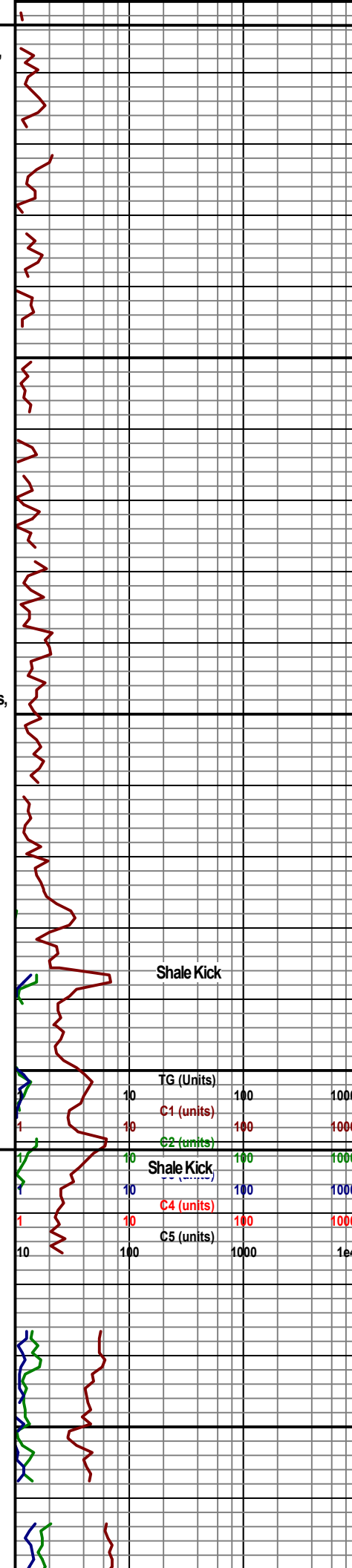


	TG (Units)		
1	10	100	1000
		C1 (units)	100
1	10	100	1000
		C2 (units)	100
1	10	100	1000
		C3 (units)	100
1	10	100	1000
		C4 (units)	100
1	10	100	1000
		C5 (units)	100
10	100	1000	1e4

Catch 10' wet samples Kansas city top to RTD



Ls, cream microxn sli oolitic/ foss, N/S
 LS - br, shly, fxln, interbed shl, oolitic, N/S
 Ls Medxn - Interxn por, interbed shls, dirty N/S
 Ls, white, vry chalky, no vis por
 ls, white, chalk
 ls, white, chalk, no vis por
 Ls, br/gry, microxn, microolitic,
 Ls, white, chalky, no vis por
 ls - wht - fxln, scat interxn por, foss, scat rexln spar filled vugs
 Sh, blk, carb
 ls - microxn mineral filled rootlets, dse, N/S
 sh, blk, carb
 Ls, microxn, chalky, No Vis por
 Sh, blk, carb
 Ls, cream, chalky
 sh, chalky, mud
 Sh, gry, chalky

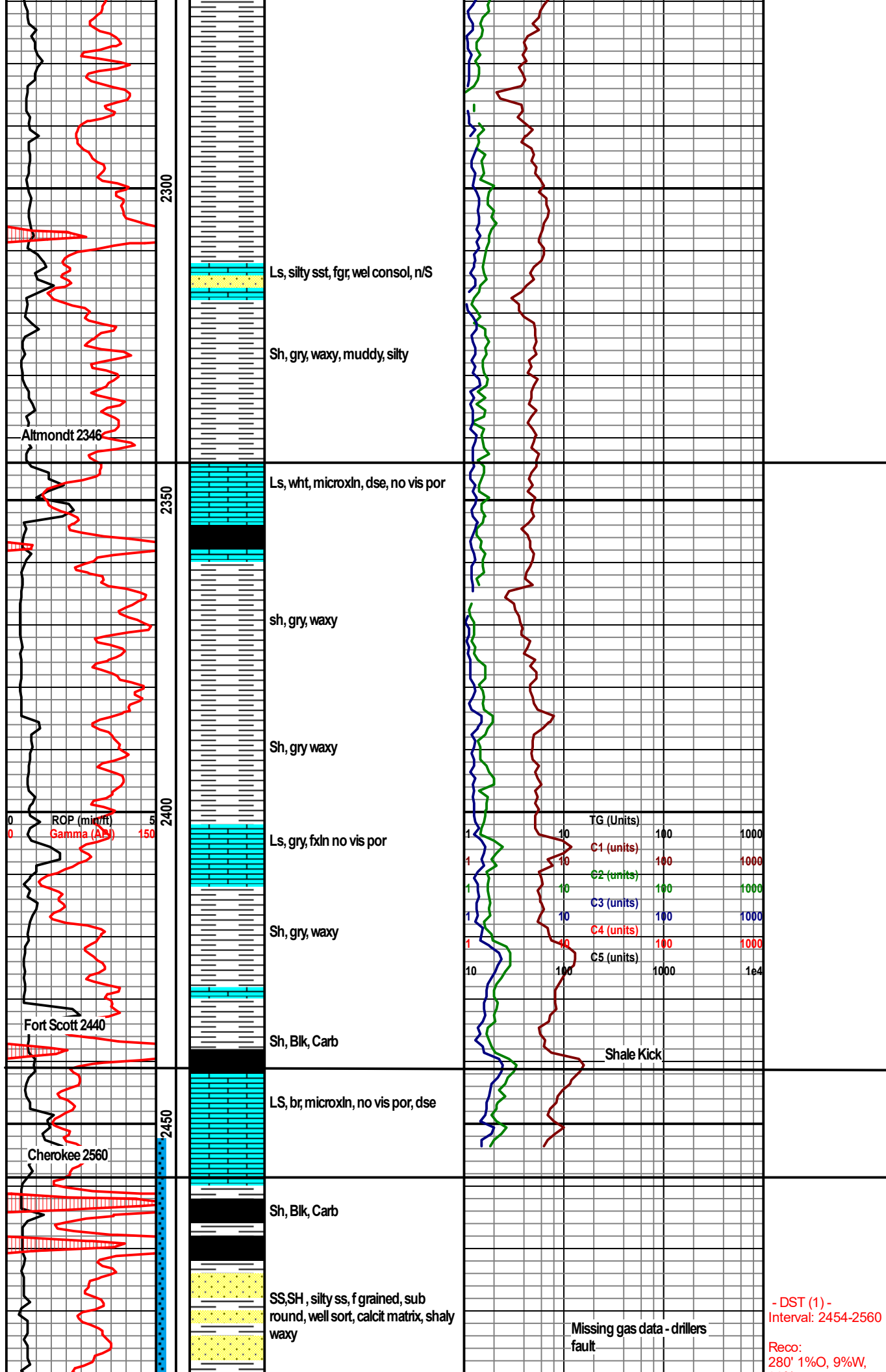


Short Trip @2071
 Rebuild Mud Pump
 - Mud report -
 Depth: 2071
 Wt: 8.7
 Vis: 78
 Fil: 4.0
 Chl: 2000

Mud Pump Died

Shale Kick

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



- DST (1) - Interval: 2454-2560

Reco: 280' 1%O, 9%W,

Missing gas data - drillers fault

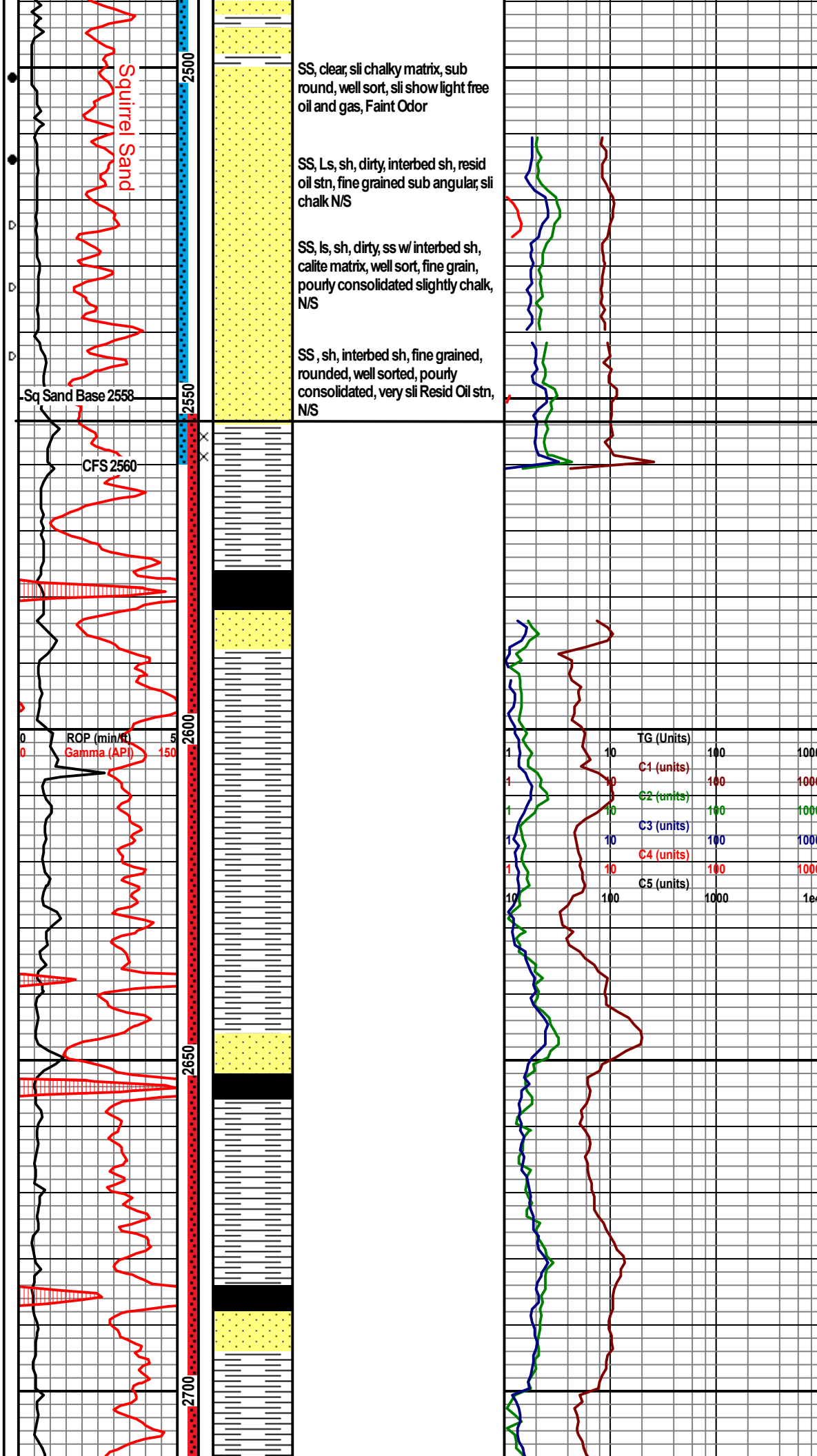
90%M
120' 1% O, 89%W,
10%M

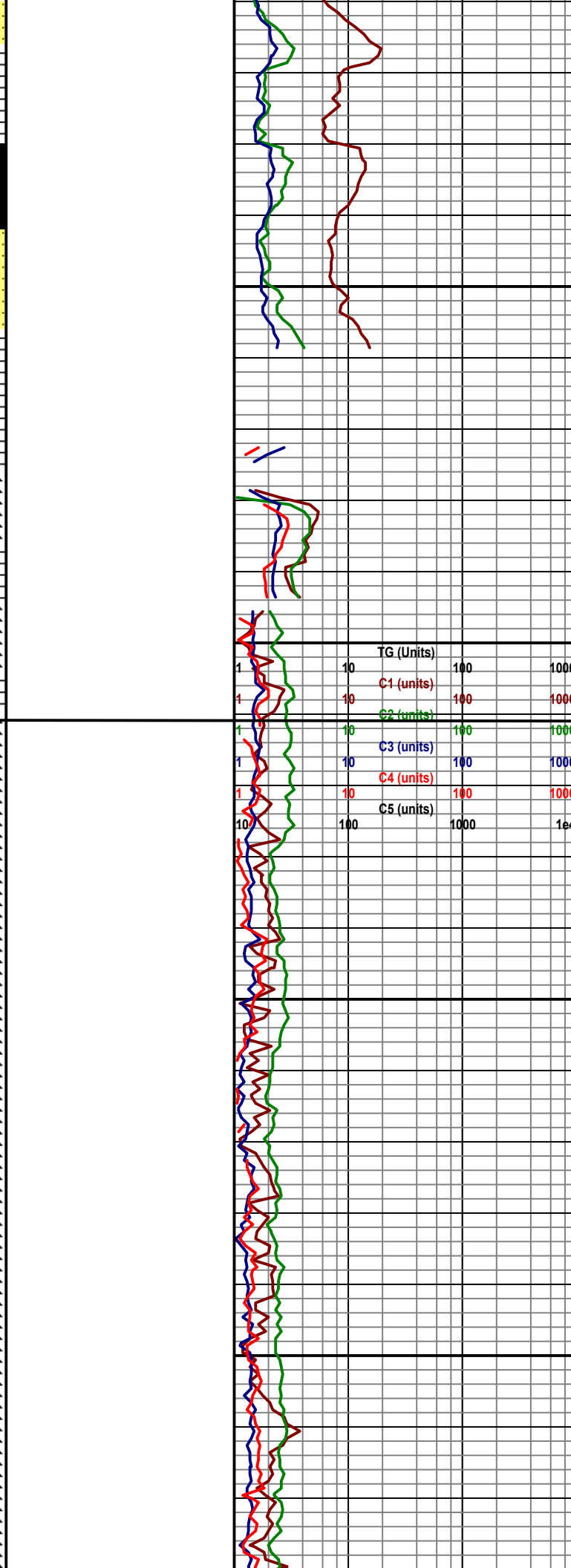
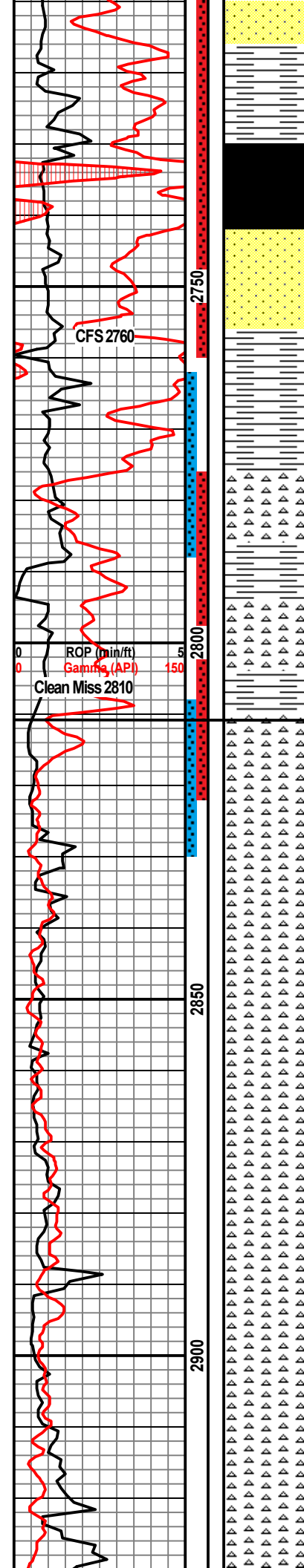
IF: 95-216
FF: 554-255
SIP: 554-255

-Mud Report-
Depth: 2560
Wt: 9.2
Vis:46
Fil:5.2
Chl: 4,000
Thin wall-cake

- DST (2) -
Interval: 2560-2760
Rec: 10 Mud

IF: 13-13
FF: 0
SIP: 82-0





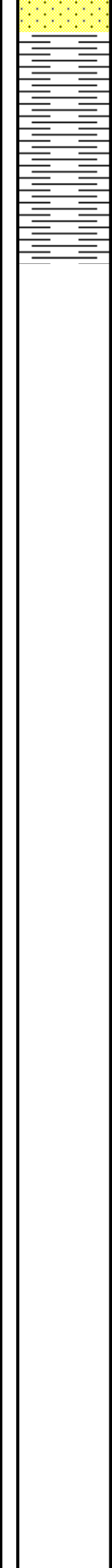
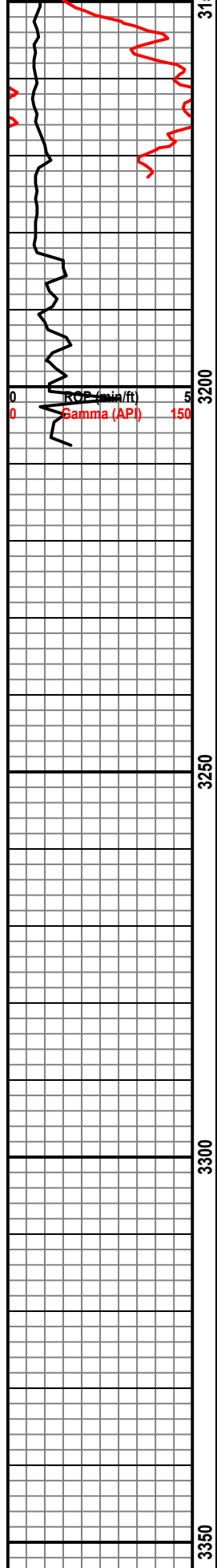
- DST (3) -
Interval: 2763-2788
Rec: 45' 1%, 99%M
IF: 19-34
FF: 36
SIP: 170-0

- DST (5) -
Interval 2778-2812
Rec: 3' Mud
IF: 12-27
FF: 0
SIP: 19-0

- DST (4) -
Interval: 2810-2830
Rec: 1860' TR-Oil,
10%W, 90%M
496' 5%G, 75%W,
25%M, TR-Oil
IF: 1350-886
FF: 821-891
SIP: 886-893

RCP (min/ft)
Gamma (AP)
Clean Miss 2810

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



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

0 RCP (min/ft) 5
0 Gamma (AP) 150

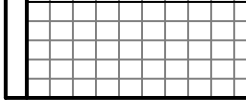
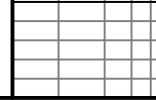
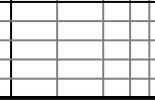
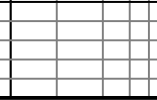
3400

3450

3500

3550

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

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CEMENT TREATMENT REP					
Customer:	Satchell Creek Petroleum	Well:	Masters, A1-23	Ticket:	EP6821
City, State:		County:	Butler, KS	Date:	12/6/2022
Field Rep:	Jay- Tool pusher	S-T-R:	23-25-7	Service:	Surface

Hole size:	12.25 in
Hole Depth:	303 ft
Casing Size:	8 5/8 in
Casing Depth:	293 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	16.0 bbls

Calculated Slurry - Lead	
Blend:	H-325
Weight:	14.5 ppg
Water / Sx:	6.5 gal / sx
Yield:	1.36 ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	0.0 bbls
Total Sacks:	200 sx

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

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
7:30 AM			-	-	On location,
				-	Watched the rig run casing
11:00 AM	4.5	200.0		-	Established circulation with 10BBL of water
	4.5			-	Mixed and pumped 200sks of H-325 cement, cement to surface
	3.0	300.0		-	Displaced cement with 16 BBL of fresh water, shut in valve
11:30 AM	4.5			-	Washed equipment
				-	
12:00 PM				-	Left location
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CREW		UNIT	SUMMARY		
Cementer:	Garrett s.	47	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Nick B.	209	4.1 bpm	250 psi	- bbls
Bulk #1:	Trevor G.	189			
Bulk #2:					



CEMENT TREATMENT REP

Customer: Satchell Creek Petroleum	Well: Masters A1-23	Ticket: EP6905
City, State:	County: Butler - KS	Date: 12/13/2022
Field Rep: Tool Pusher	S-T-R: 23 - 25S - 7E	Service: Longstring

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7.875 in	Blend:	H-BT	Blend:	
Hole Depth:	ft	Weight:	14.3 ppg	Weight:	ppg
Casing Size:	5 1/2 in	Water / Sx:	6.2 gal / sx	Water / Sx:	gal / sx
Casing Depth:	2937 ft	Yield:	1.34 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	69.0 bbls	Total Slurry:	0.0 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	0 sx	Total Sacks:	0 sx

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
6:00 AM			-	-	CM dropped float equipment off at rig;
5:00 PM				-	Kevin on location to run float equipment; waited for rig to LDDP and rig up casing crew
10:00 PM				-	Rig started to run casing; ran float equipment - Type B basket shoe w/flapper on bottom of shoe joint;
10:00 PM				-	LD baffle on top of shoe joint, basket on #2, centralizers on #3, 4, 5, 7 - 19 every other joint;
1:00 AM		1,300.0		-	Rig circulated casing. Dropped the trip ball to set shoe; rig pressured up to 1300#, shoe did not open;
	4.5	2,300.0		-	Hook up to cement pump - stage up pressure, shoe opened at 2300#;
2:30 AM	4.5	300.0	35.0		Establish rate with 10 bbl fresh water; mixed and pumped 15 BBL of mud flush, followed by 10BBL of water spacer;
	4.5	300.0			Plugged rat hole with 30 sks of cement. Mixed and pumped 150sks of H-BT Cement
	4.5	300.0			Mix & pump 150 sxs of HBT Cement 14.3# (1.34Y) = 35.8 bbl slurry;
3:00 AM	3.0	400.0			Flushed pump & lines out; start displacement, 400# lift pressure; pumped the plug to baffle Plate with 69 BBLs of fresh water
	1.5	1,000.0			Landed the plug with 1000PSI, released pressure, no returns to the truck
3:30 AM					Rigged down and washed up equipment
4:00 AM					Left location

CREW		UNIT	SUMMARY		
Cementer:	Garrett S.	47	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Devin K.	209	3.8 bpm	843 psi	35 bbls
Bulk #1:	Trevot G.	189			
Bulk #2:	Kevin N	91			