





|           |                               |
|-----------|-------------------------------|
| Form      | ACO1 - Well Completion        |
| Operator  | Satchell Creek Petroleum, LLC |
| Well Name | LIGGETT A-1                   |
| Doc ID    | 1678299                       |

#### All Electric Logs Run

|       |
|-------|
|       |
| DI    |
| Sonic |
| PE    |
| Micro |

|           |                               |
|-----------|-------------------------------|
| Form      | ACO1 - Well Completion        |
| Operator  | Satchell Creek Petroleum, LLC |
| Well Name | LIGGETT A-1                   |
| Doc ID    | 1678299                       |

#### Casing

| Purpose Of String | Size Hole Drilled | Size Casing Set | Weight | Setting Depth | Type Of Cement | Number of Sacks Used | Type and Percent Additives   |
|-------------------|-------------------|-----------------|--------|---------------|----------------|----------------------|------------------------------|
| Surface           | 12.25             | 8.625           | 23     | 280           | class H-325    | 163                  | 3% Ch;<br>2% gel;<br>.25% sf |
| Production        | 7.875             | 5.5             | 15.5   | 3243          | class H-BT     | 150                  | 50% F;<br>.1% FL;<br>3% salt |
|                   |                   |                 |        |               |                |                      |                              |
|                   |                   |                 |        |               |                |                      |                              |



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**13**

2022

**DST #1**

**Formation:  
Mississippi**

**Test Interval: 2706 -  
2770'**

**Total Depth: 3260'**

Time On: 22:09 11/13

Time Off: 00:00 01/01

Time On Bottom: 00:00 01/01

Time Off Bottom: 06:15 11/14

Electronic Volume  
Estimate:

0'

1st Open

N/A

1st Close

N/A

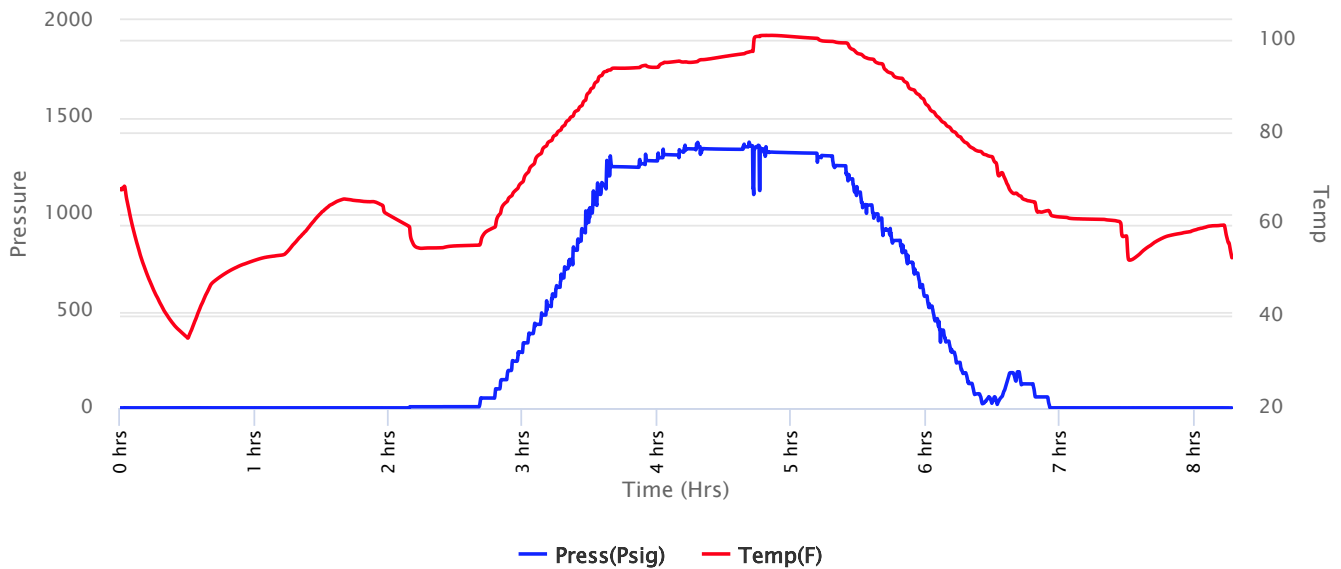
2nd Open

N/A

2nd Close

N/A

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
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**Operation:**

Well Complete

**DATE**

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**DST #1**

**Formation:  
Mississippi**

**Test Interval: 2706 -  
2770'**

**Total Depth: 3260'**

Time On: 22:09 11/13

Time Off: 00:00 01/01

Time On Bottom: 00:00 01/01

Time Off Bottom: 06:15 11/14

Recovered

Foot

BBLs

Description of Fluid

Gas %

Oil %

Water %

Mud %

300

3.4354757

M

0

0

0

100

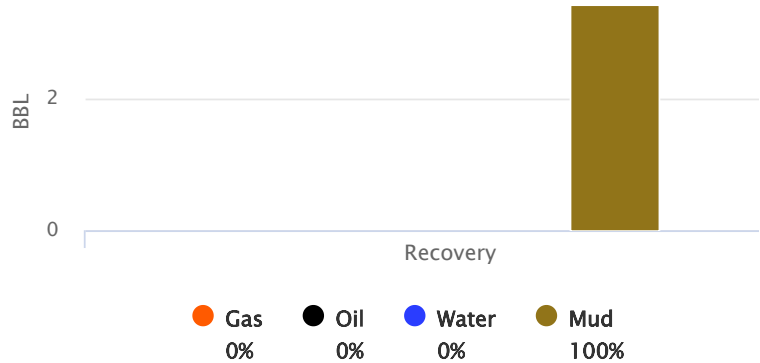
Total Recovered: 300 ft

Total Barrels Recovered: 3.4354757

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<br>Close / Final Close | 0.0      | %          |



GIP cubic foot volume: 0



Operation:

Well Complete

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LLC - Rig 1  
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DST #1

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Mississippi

Test Interval: 2706 -  
2770'

Total Depth: 3260'

Time On: 22:09 11/13

Time Off: 00:00 01/01

Time On Bottom: 00:00 01/01

Time Off Bottom: 06:15 11/14

**BUCKET MEASUREMENT:**

1st Open: N/A

1st Close: N/A

2nd Open: N/A

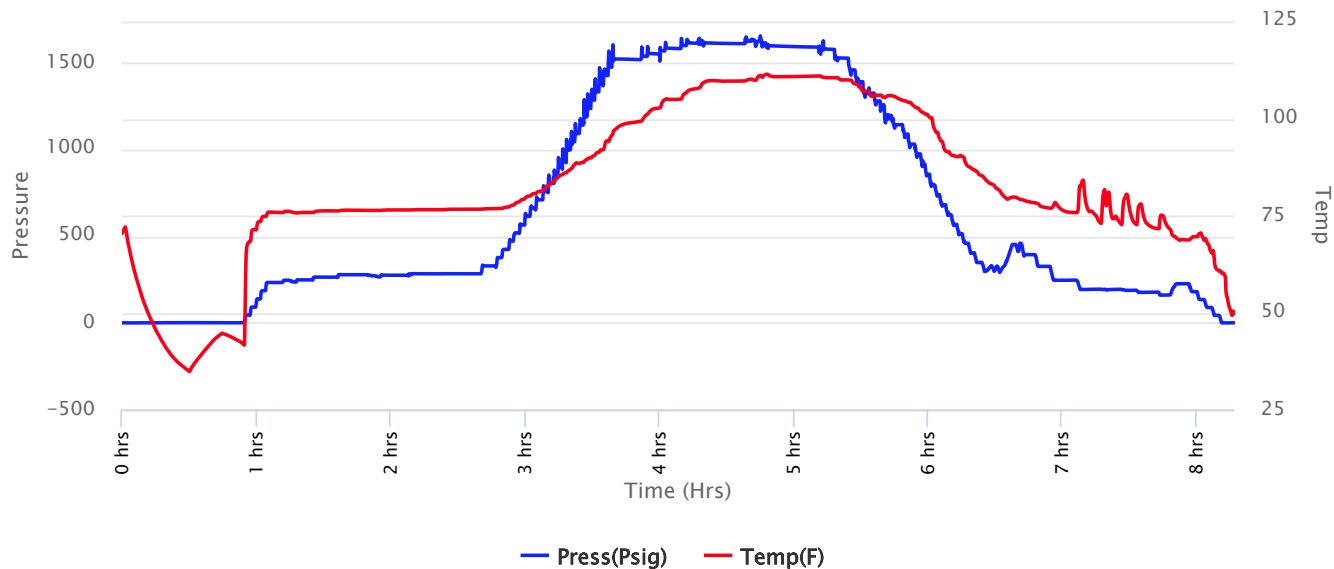
2nd Close: N/A

**REMARKS:**

Top packer failure!

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

**Below Straddle Recorder**





Operation:

Well Complete

**Company: Satchell Creek  
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Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
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**DST #1**

**Formation:  
Mississippi**

**Test Interval: 2706 -  
2770'**

**Total Depth: 3260'**

Time On: 22:09 11/13

Time Off: 00:00 01/01

Time On Bottom: 00:00 01/01

Time Off Bottom: 06:15 11/14

**Down Hole Makeup**

**Heads Up:** 6.039999999999999 FT

**Packer 1:** 2700.5 FT

**Drill Pipe:** 2588.94 FT

**Packer 2:** 2706 FT

*ID-3 1/2*

**Packer 3:** 2770 FT

**Weight Pipe:** FT

**Top Recorder:** 2689.42 FT

**Collars:** 89.53 FT

**Bottom Recorder:** 2744 FT

*ID-2 1/4*

**Test Tool:** 34.57 FT

**Below Straddle Recorder:** 3246 FT

*ID-3 1/2-FH*

**Well Bore Size:** 7 7/8

*Jars*

**Surface Choke:** 1"

*Safety Joint*

**Bottom Choke:** 5/8"

**Total Anchor:** 64

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 3 FT

*4 1/2-FH*

**Change Over:** .5 FT

**Drill Pipe: (in anchor):** 32 FT

*ID-3 1/2*

**Change Over:** .5 FT

**Perforations: (below):** 27 FT

*4 1/2-FH*

**STRADDLE**

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

**Change Over:** 1 FT

**Drill Pipe:** 472 FT

*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 15 FT

*4 1/2-FH*



**Operation:**

Well Complete

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Lease: Liggett #A-1**

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State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

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**DST #1**

**Formation:  
Mississippi**

**Test Interval: 2706 -  
2770'**

**Total Depth: 3260'**

Time On: 22:09 11/13

Time Off: 00:00 01/01

Time On Bottom: 00:00 01/01 Time Off Bottom: 06:15 11/14

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.6

**Viscosity:** 49

**Filtrate:** 7.2

**Chlorides:** 4,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

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County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
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Job Number: 613  
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Time Off: 00:00 01/01

Time On Bottom: 00:00 01/01 Time Off Bottom: 06:15 11/14

**Gas Volume Report**

**1st Open**

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

**2nd Open**

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



Operation:

Well Complete

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Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**14**

2022

**DST #2**

**Formation:  
Mississippi**

**Test Interval: 2740 -  
2770'**

**Total Depth: 3260'**

Time On: 06:25 11/14

Time Off: 12:03 11/14

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

Electronic Volume  
Estimate:  
0'

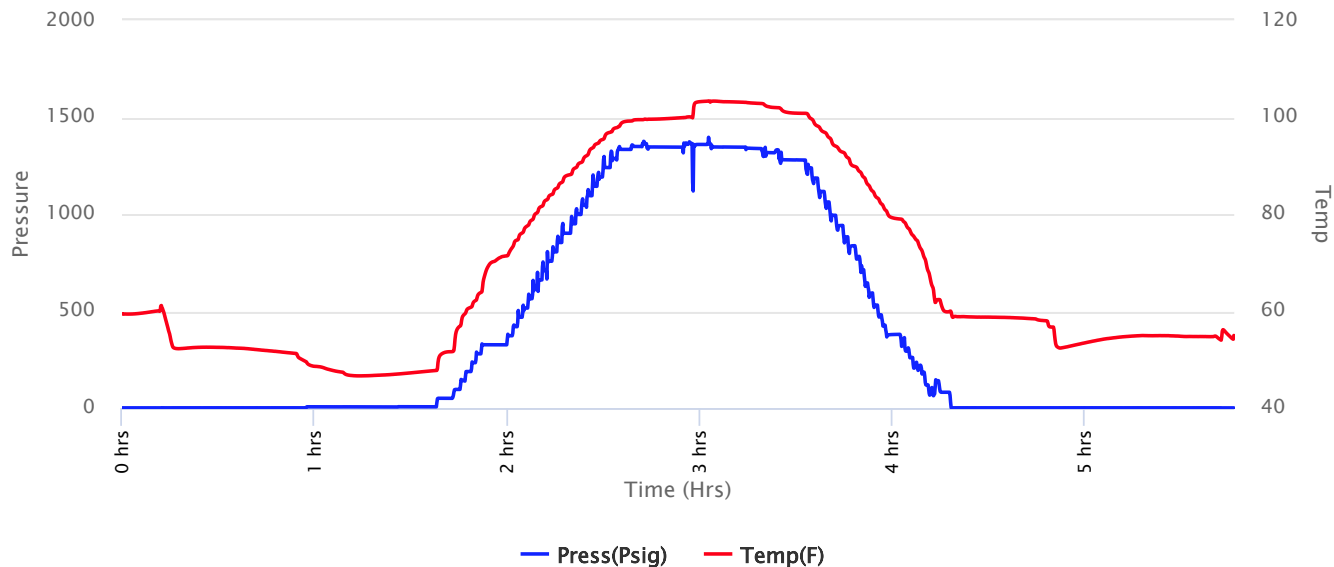
1st Open  
N/A

1st Close  
N/A

2nd Open  
N/A

2nd Close  
N/A

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**14**

2022

**DST #2**

**Formation:  
Mississippi**

**Test Interval: 2740 -  
2770'**

**Total Depth: 3260'**

Time On: 06:25 11/14

Time Off: 12:03 11/14

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

2.0124757

M

0

0

0

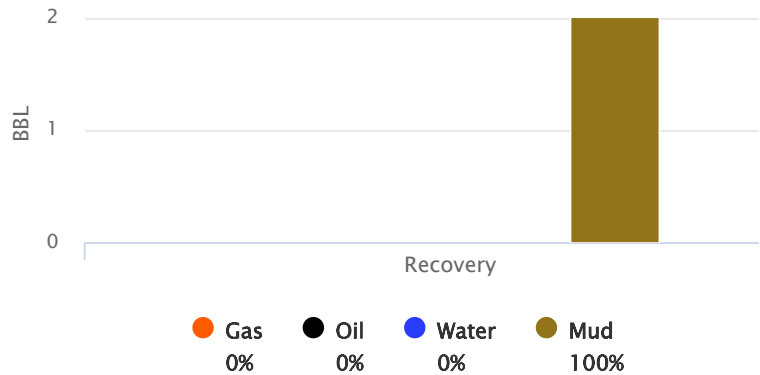
100

Total Recovered: 200 ft

Total Barrels Recovered: 2.0124757

**Reversed Out  
NO**

**Recovery at a glance**



Initial Hydrostatic Pressure

0

PSI

Initial Flow

0

PSI

**Initial Closed in Pressure**

**0**

**PSI**

Final Flow Pressure

0

PSI

**Final Closed in Pressure**

**0**

**PSI**

Final Hydrostatic Pressure

0

PSI

Temperature

0

°F

Pressure Change Initial

0.0

%

Close / Final Close

GIP cubic foot volume: 0



Operation:

Well Complete

**Company: Satchell Creek  
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Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

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**DST #2**

**Formation:  
Mississippi**

**Test Interval: 2740 -  
2770'**

**Total Depth: 3260'**

Time On: 06:25 11/14

Time Off: 12:03 11/14

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

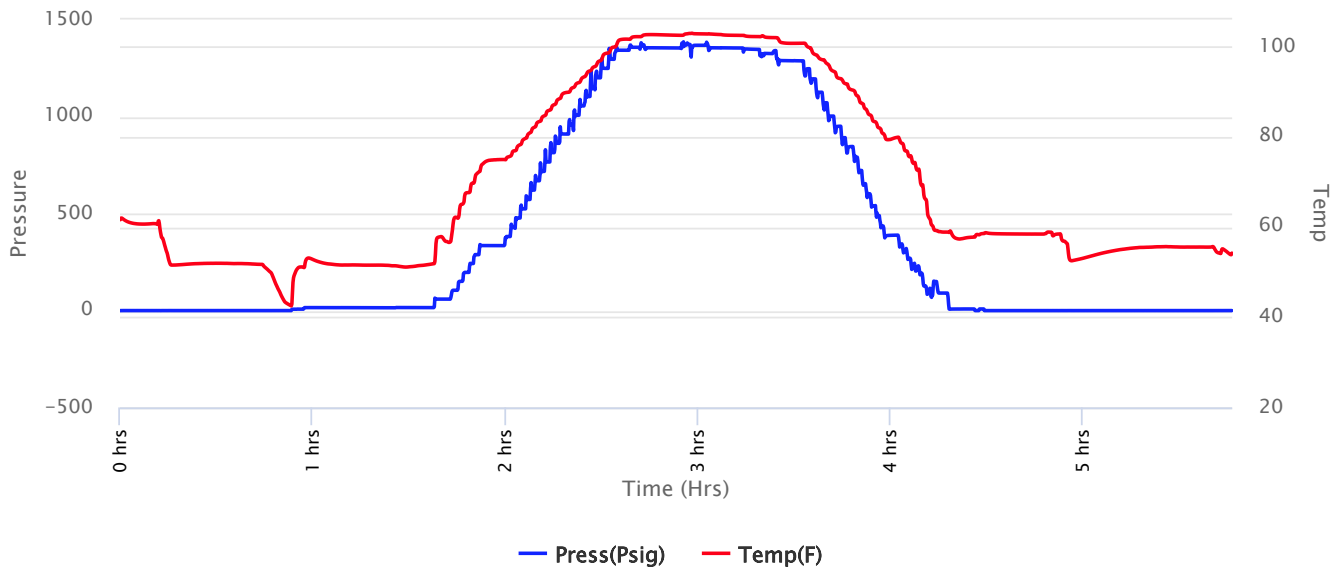
2nd Close: N/A

**REMARKS:**

Top packer failure!

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

**Below Straddle Recorder**





Operation:

Well Complete

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Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
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Job Number: 613  
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**DST #2**

**Formation:  
Mississippi**

**Test Interval: 2740 -  
2770'**

**Total Depth: 3260'**

Time On: 06:25 11/14

Time Off: 12:03 11/14

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

**Down Hole Makeup**

**Heads Up:** 35.15 FT

**Packer 1:** 2734.5 FT

**Drill Pipe:** 2652.05 FT  
*ID-3 1/2*

**Packer 2:** 2740 FT

**Packer 3:** 2770 FT

**Weight Pipe:** FT

**Top Recorder:** 2723.42 FT

**Collars:** 89.53 FT  
*ID-2 1/4*

**Bottom Recorder:** 2771 FT

**Test Tool:** 34.57 FT  
*ID-3 1/2-FH  
Jars  
Safety Joint*

**Below Straddle Recorder:** 3246 FT

**Well Bore Size:** 7 7/8

**Surface Choke:** 1"

**Bottom Choke:** 5/8"

**Total Anchor:** 30

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 29 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:** 1 FT

**Drill Pipe:** 472 FT  
*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 15 FT  
*4 1/2-FH*



**Operation:**

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**14**

2022

**DST #2**

**Formation:  
Mississippi**

**Test Interval: 2740 -  
2770'**

**Total Depth: 3260'**

Time On: 06:25 11/14

Time Off: 12:03 11/14

Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.6

**Viscosity:** 49

**Filtrate:** 7.2

**Chlorides:** 4,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**14**

2022

**DST #2**

**Formation:  
Mississippi**

**Test Interval: 2740 -  
2770'**

**Total Depth: 3260'**

Time On: 06:25 11/14

Time Off: 12:03 11/14

Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

**Gas Volume Report**

**1st Open**

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

**2nd Open**

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



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**14**

2022

**DST #3**

**Formation: Osage**

**Test Interval: 2790 -  
2814'**

**Total Depth: 3260'**

Time On: 18:10 11/14

Time Off: 02:59 11/15

Time On Bottom: 22:03 11/14

Time Off Bottom: 23:38 11/14

Electronic Volume  
Estimate:  
309'

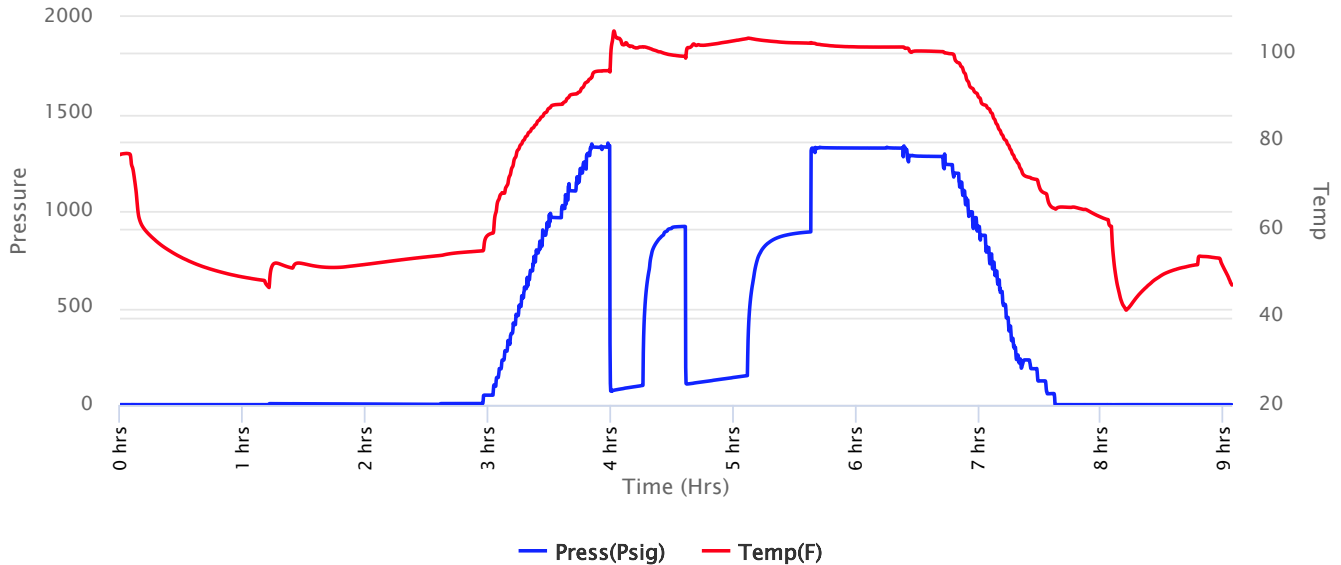
1st Open  
Minutes: 15  
Current Reading:  
19.6" at 15 min  
Max Reading: 19.6"

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

2nd Open  
Minutes: 30  
Current Reading:  
16.6" at 30 min  
Max Reading: 16.6"

2nd Close  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**14**

2022

**DST #3**

**Formation: Osage**

**Test Interval: 2790 -  
2814'**

**Total Depth: 3260'**

Time On: 18:10 11/14

Time Off: 02:59 11/15

Time On Bottom: 22:03 11/14

Time Off Bottom: 23:38 11/14

Recovered

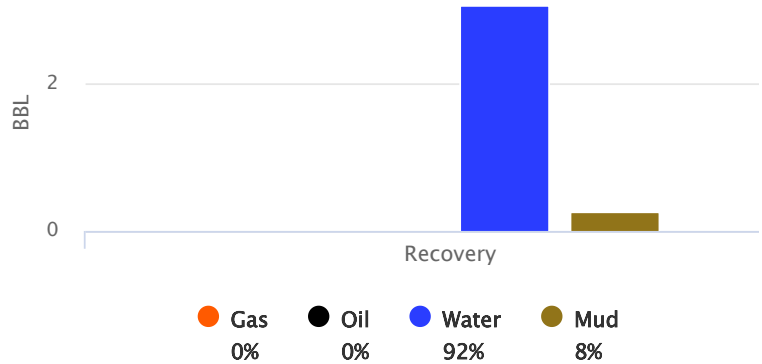
| Foot | BBLs      | Description of Fluid | Gas % | Oil % | Water % | Mud % |
|------|-----------|----------------------|-------|-------|---------|-------|
| 15   | 0.21345   | SLMCW (trace oil)    | 0     | .02   | 84.98   | 15    |
| 188  | 2.67524   | SLMCW                | 0     | 0     | 97      | 3     |
| 90   | 0.4404876 | HMCW                 | 0     | 0     | 65      | 35    |

Total Recovered: 293 ft

Total Barrels Recovered: 3.3291776

Reversed Out  
NO

**Recovery at a glance**



|                                   |            |            |
|-----------------------------------|------------|------------|
| Initial Hydrostatic Pressure      | 1337       | PSI        |
| Initial Flow                      | 72 to 102  | PSI        |
| <b>Initial Closed in Pressure</b> | <b>920</b> | <b>PSI</b> |
| Final Flow Pressure               | 109 to 151 | PSI        |
| <b>Final Closed in Pressure</b>   | <b>892</b> | <b>PSI</b> |
| Final Hydrostatic Pressure        | 1324       | PSI        |
| Temperature                       | 104        | °F         |

Pressure Change Initial  
Close / Final Close

3.0 %

GIP cubic foot volume: 0

**Operation:**

Well Complete

# Company: Satchell Creek Petroleum, LLC Lease: Liggett #A-1

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

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2022

**DST #3****Formation: Osage****Test Interval: 2790 -  
2814'****Total Depth: 3260'**

Time On: 18:10 11/14

Time Off: 02:59 11/15

Time On Bottom: 22:03 11/14

Time Off Bottom: 23:38 11/14

**BUCKET MEASUREMENT:**

1st Open: 6 in. blow building. BOB in 3 mins.

1st Close: Weak, surface blow back in 7 mins.

2nd Open: 1/2 in. blow building. BOB in 17 mins.

2nd Close: No blow back.

**REMARKS:**

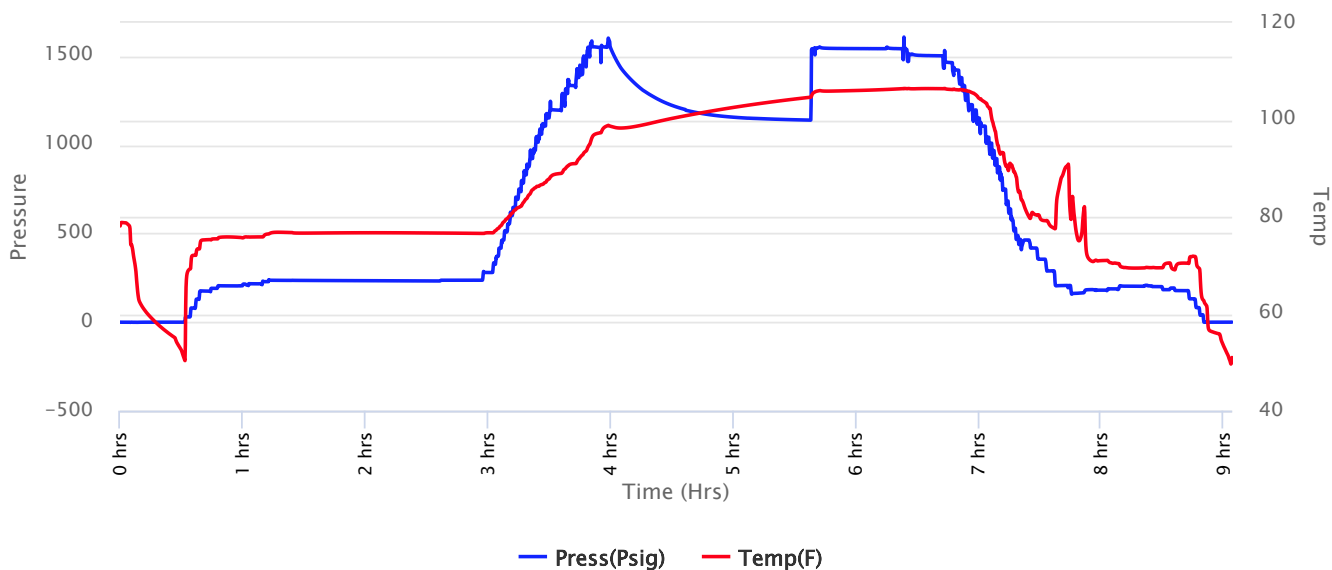
Tool Sample: 0% Gas 0% Oil 100% Water 0% Mud

Ph: 7

Measured RW: .92 @ 31 degrees °F

RW at Formation Temp: 0.314 @ 104 °F

Chlorides: 14,200 ppm

**Below Straddle Recorder**



**Operation:**

Well Complete

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Lease: Liggett #A-1**

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State: Kansas  
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LLC - Rig 1  
Elevation: 1485 GL  
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Pool: WILDCAT  
Job Number: 613  
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**Formation: Osage**

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2814'**

**Total Depth: 3260'**

Time On: 18:10 11/14

Time Off: 02:59 11/15

Time On Bottom: 22:03 11/14

Time Off Bottom: 23:38 11/14

**Down Hole Makeup**

**Heads Up:** 21.97 FT

**Packer 1:** 2784.5 FT

**Drill Pipe:** 2688.87 FT  
*ID-3 1/2*

**Packer 2:** 2790 FT

**Packer 3:** 2814 FT

**Weight Pipe:** FT

**Top Recorder:** 2773.42 FT

**Collars:** 89.53 FT  
*ID-2 1/4*

**Bottom Recorder:** 2815 FT

**Test Tool:** 34.57 FT  
*ID-3 1/2-FH  
Jars  
Safety Joint*

**Below Straddle Recorder:** 3253 FT

**Well Bore Size:** 7 7/8

**Surface Choke:** 1"

**Bottom Choke:** 5/8"

**Total Anchor:** 24

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 23 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:** 1 FT

**Drill Pipe:** 409.35 FT  
*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 8 FT  
*4 1/2-FH*



**Operation:**

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**14**

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**DST #3**

**Formation: Osage**

**Test Interval: 2790 -  
2814'**

**Total Depth: 3260'**

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Time Off: 02:59 11/15

Time On Bottom: 22:03 11/14

Time Off Bottom: 23:38 11/14

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.6

**Viscosity:** 49

**Filtrate:** 7.2

**Chlorides:** 4,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**14**

2022

**DST #3**

**Formation: Osage**

**Test Interval: 2790 -  
2814'**

**Total Depth: 3260'**

Time On: 18:10 11/14

Time Off: 02:59 11/15

Time On Bottom: 22:03 11/14

Time Off Bottom: 23:38 11/14

**Gas Volume Report**

**1st Open**

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

**2nd Open**

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



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

**DST #4**

**Formation:  
Cherokee**

**Test Interval: 2520 -  
2540'**

**Total Depth: 3260'**

Time On: 03:28 11/15

Time Off: 10:23 11/15

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

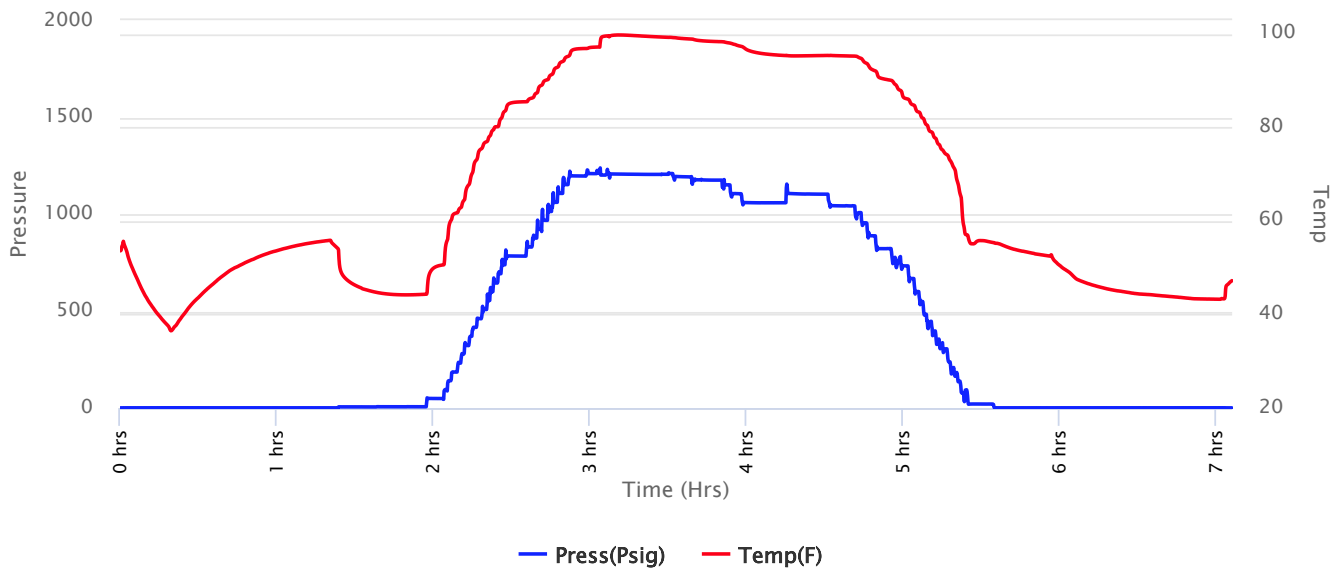
2nd Open

N/A

2nd Close

N/A

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**15**

2022

**DST #4**

**Formation:  
Cherokee**

**Test Interval: 2520 -  
2540'**

**Total Depth: 3260'**

Time On: 03:28 11/15

Time Off: 10:23 11/15

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

Recovered

Foot

BBLs

Description of Fluid

Gas %

Oil %

Water %

Mud %

250

2.7239757

M

0

0

0

100

Total Recovered: 250 ft

Total Barrels Recovered: 2.7239757

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<br>Close / Final Close | 0.0      | %          |

BBL

2

0

Recovery

Gas  
0%

Oil  
0%

Water  
0%

Mud  
100%

GIP cubic foot volume: 0



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

DST #4

Formation:  
Cherokee

Test Interval: 2520 -  
2540'

Total Depth: 3260'

Time On: 03:28 11/15

Time Off: 10:23 11/15

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

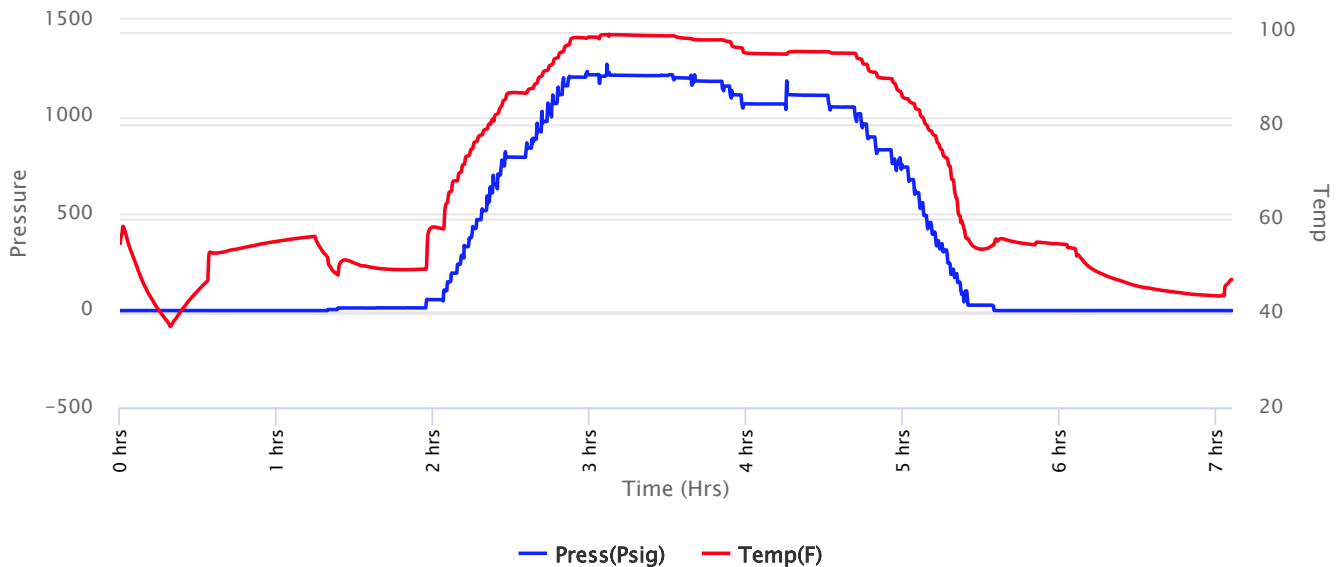
2nd Close: N/A

**REMARKS:**

Top packer failure!

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

**Below Straddle Recorder**





Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

**DST #4**

**Formation:  
Cherokee**

**Test Interval: 2520 -  
2540'**

**Total Depth: 3260'**

Time On: 03:28 11/15

Time Off: 10:23 11/15

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

**Down Hole Makeup**

**Heads Up:** 35.27 FT

**Packer 1:** 2514.5 FT

**Drill Pipe:** 2432.17 FT  
*ID-3 1/2*

**Packer 2:** 2520 FT

**Packer 3:** 2540 FT

**Weight Pipe:** FT

**Top Recorder:** 2503.42 FT

**Collars:** 89.53 FT  
*ID-2 1/4*

**Bottom Recorder:** 2522 FT

**Test Tool:** 34.57 FT  
*ID-3 1/2-FH  
Jars  
Safety Joint*

**Below Straddle Recorder:** 3236 FT

**Well Bore Size:** 7 7/8

**Surface Choke:** 1"

**Bottom Choke:** 5/8"

**Total Anchor:** 20

**Anchor Makeup**

**Packer Sub:** 1 FT

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

**Change Over:** FT

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

**Change Over:** FT

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

**STRADDLE**

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

**Change Over:** 1 FT

**Drill Pipe:** 693 FT  
*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 25 FT  
*4 1/2-FH*



**Operation:**

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

**DST #4**

**Formation:  
Cherokee**

**Test Interval: 2520 -  
2540'**

**Total Depth: 3260'**

Time On: 03:28 11/15

Time Off: 10:23 11/15

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.6

**Viscosity:** 49

**Filtrate:** 7.2

**Chlorides:** 4,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**15**

2022

**DST #4**

**Formation:**  
**Cherokee**

**Test Interval: 2520 -  
2540'**

**Total Depth: 3260'**

Time On: 03:28 11/15

Time Off: 10:23 11/15

Time On Bottom: 00:00 01/01 Time Off Bottom: 00:00 01/01

**Gas Volume Report**

**1st Open**

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

**2nd Open**

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



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

**DST #5**

**Formation: Warsaw**

**Test Interval: 2608 -  
2806'**

**Total Depth: 3260'**

Time On: 20:24 11/15

Time Off: 04:57 11/16

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

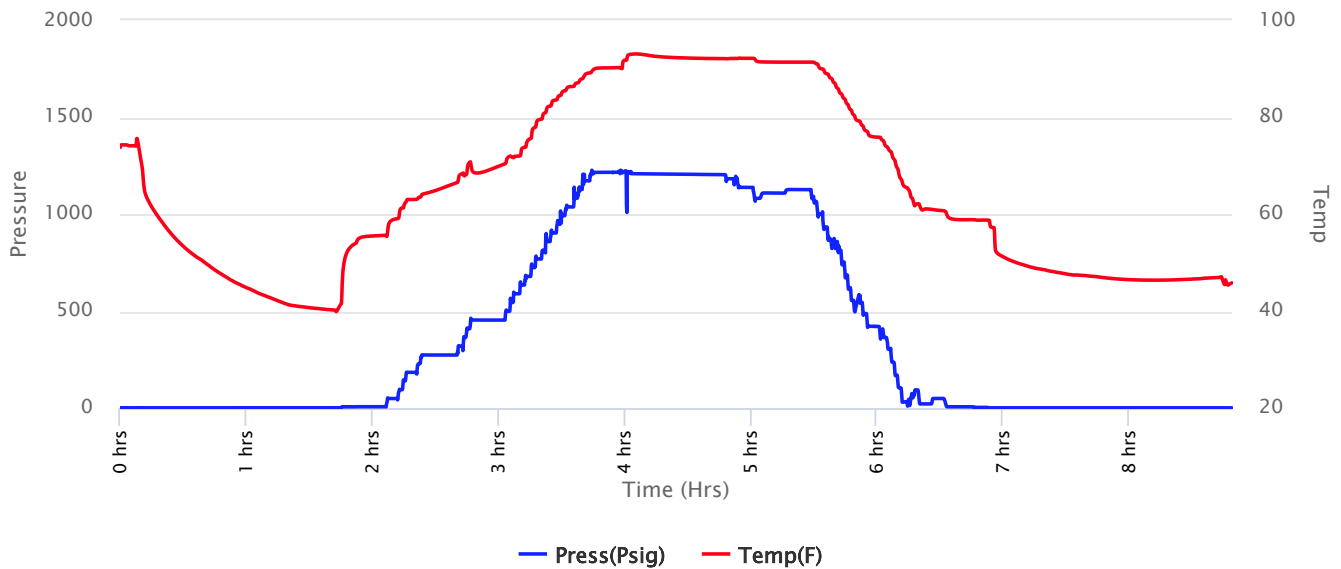
2nd Open

N/A

2nd Close

N/A

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**15**

2022

**DST #5**

**Formation: Warsaw**

**Test Interval: 2608 -  
2806'**

**Total Depth: 3260'**

Time On: 20:24 11/15

Time Off: 04:57 11/16

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

Recovered

Foot

BBLs

Description of Fluid

Gas %

Oil %

Water %

Mud %

180

1.7278757

M

0

0

0

100

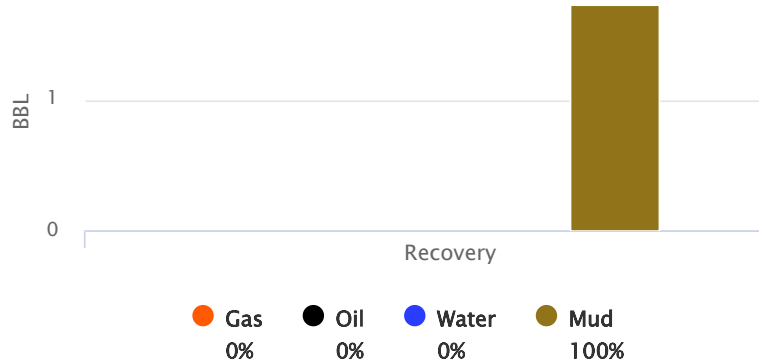
Total Recovered: 180 ft

Total Barrels Recovered: 1.7278757

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<br>Close / Final Close | 0.0      | %          |



GIP cubic foot volume: 0



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**15**

2022

**DST #5      Formation: Warsaw      Test Interval: 2608 - 2806'      Total Depth: 3260'**

Time On: 20:24 11/15

Time Off: 04:57 11/16

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:**

Tool slid 20 ft. to bottom. Packer failure!

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



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

**DST #5      Formation: Warsaw      Test Interval: 2608 - 2806'      Total Depth: 3260'**

Time On: 20:24 11/15

Time Off: 04:57 11/16

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

**Down Hole Makeup**

**Heads Up:** 8.619999999999999 FT

**Packer 1:** 2602.5 FT

**Drill Pipe:** 2493.52 FT

**Packer 2:** 2608 FT

*ID-3 1/2*

**Packer 3:** 2806 FT

**Weight Pipe:** FT

**Top Recorder:** 2591.42 FT

**Collars:** 89.53 FT

**Bottom Recorder:** 2772 FT

*ID-2 1/4*

**Test Tool:** 34.57 FT

**Below Straddle Recorder:** 3251 FT

*ID-3 1/2-FH*

**Well Bore Size:** 7 7/8

*Jars*

**Surface Choke:** 1"

*Safety Joint*

**Bottom Choke:** 5/8"

**Total Anchor:** 198

**Anchor Makeup**

**Packer Sub:** 1 FT

**Perforations: (top):** 3 FT

*4 1/2-FH*

**Change Over:** .5 FT

**Drill Pipe: (in anchor):** 158 FT

*ID-3 1/2*

**Change Over:** .5 FT

**Perforations: (below):** 35 FT

*4 1/2-FH*

**STRADDLE**

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

**Change Over:** 1 FT

**Drill Pipe:** 378 FT

*ID-3 1/2"*

**Change Over:** 1 FT

**Perforations (in tail pipe):** 10 FT

*4 1/2-FH*



**Operation:**

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**15**

2022

**DST #5**

**Formation: Warsaw**

**Test Interval: 2608 -  
2806'**

**Total Depth: 3260'**

Time On: 20:24 11/15

Time Off: 04:57 11/16

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.6

**Viscosity:** 49

**Filtrate:** 7.2

**Chlorides:** 4,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**15**

2022

**DST #5**

**Formation: Warsaw**

**Test Interval: 2608 -  
2806'**

**Total Depth: 3260'**

Time On: 20:24 11/15

Time Off: 04:57 11/16

Time On Bottom: 00:00 01/01

Time Off Bottom: 00:00 01/01

**Gas Volume Report**

**1st Open**

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

**2nd Open**

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

**Operation:**

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**16**

2022

**DST #6      Formation: Simpson      Test Interval: 3150 - 3198'      Total Depth: 3260'**

Time On: 11:55 11/16

Time Off: 18:00 11/16

Time On Bottom: 14:30 11/16

Time Off Bottom: 14:55 11/16

Electronic Volume  
Estimate:

523'

1st Open

Minutes: 15

Current Reading:

58.4" at 15 min

Max Reading: 58.4"

1st Close

Minutes: 10

Current Reading:

0" at 10 min

Max Reading: 0"

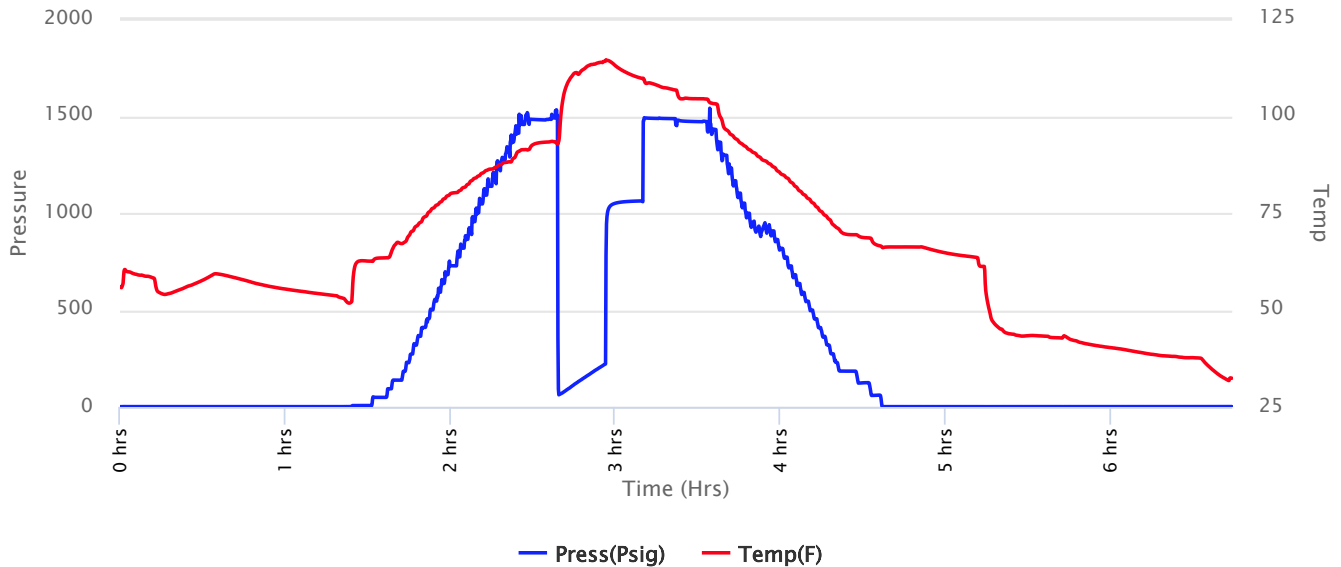
2nd Open

N/A

2nd Close

N/A

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**16**

2022

**DST #6**

**Formation: Simpson**

**Test Interval: 3150 -  
3198'**

**Total Depth: 3260'**

Time On: 11:55 11/16

Time Off: 18:00 11/16

Time On Bottom: 14:30 11/16

Time Off Bottom: 14:55 11/16

Recovered

Foot

BBLs

Description of Fluid

Gas %

Oil %

Water %

Mud %

450

5.5699757

SLMCW

0

0

95

5

Total Recovered: 450 ft

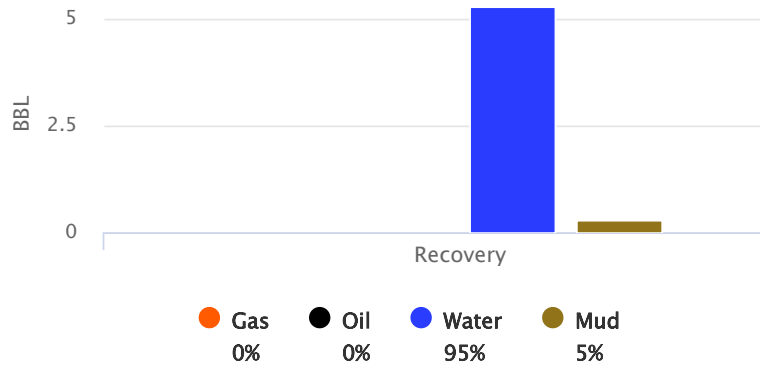
Total Barrels Recovered: 5.5699757

Reversed Out

NO

|                                                |             |            |
|------------------------------------------------|-------------|------------|
| Initial Hydrostatic Pressure                   | 1502        | PSI        |
| Initial Flow                                   | 63 to 221   | PSI        |
| <b>Initial Closed in Pressure</b>              | <b>1063</b> | <b>PSI</b> |
| Final Flow Pressure                            | 0           | PSI        |
| <b>Final Closed in Pressure</b>                | <b>0</b>    | <b>PSI</b> |
| Final Hydrostatic Pressure                     | 1492        | PSI        |
| Temperature                                    | 115         | °F         |
| Pressure Change Initial<br>Close / Final Close | 0.0         | %          |

**Recovery at a glance**



GIP cubic foot volume: 0



Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**16**

2022

DST #6

Formation: Simpson

Test Interval: 3150 -  
3198'

Total Depth: 3260'

Time On: 11:55 11/16

Time Off: 18:00 11/16

Time On Bottom: 14:30 11/16

Time Off Bottom: 14:55 11/16

**BUCKET MEASUREMENT:**

1st Open: BOB in 2 mins. 20 secs.

1st Close: No blow back.

2nd Open: N/A

2nd Close: N/A

**REMARKS:**

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

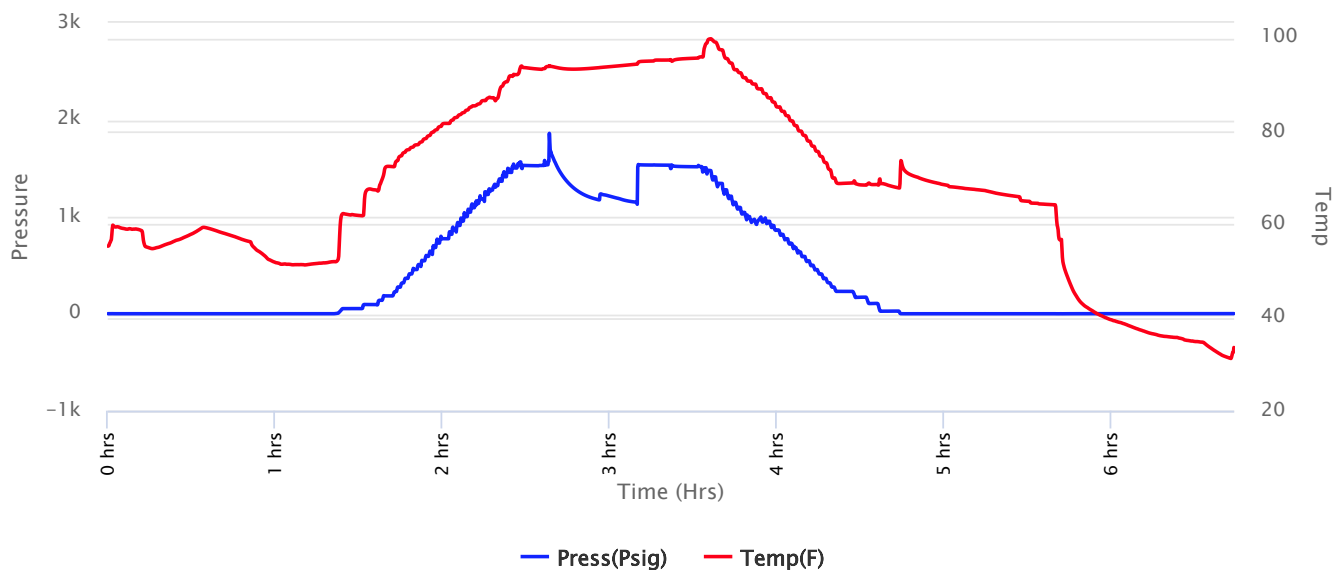
Ph: 7

Measured RW: .83 @ 27 degrees °F

RW at Formation Temp: 0.23 @ 115 °F

Chlorides: 18,100 ppm

**Below Straddle Recorder**





Operation:

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**16**

2022

**DST #6      Formation: Simpson      Test Interval: 3150 - 3198'      Total Depth: 3260'**

Time On: 11:55 11/16

Time Off: 18:00 11/16

Time On Bottom: 14:30 11/16

Time Off Bottom: 14:55 11/16

**Down Hole Makeup**

**Heads Up:** 6.849999999999999 FT

**Packer 1:** 3144.5 FT

**Drill Pipe:** 3030.75 FT

**Packer 2:** 3150 FT

*ID-3 1/2*

**Packer 3:** 3198 FT

**Weight Pipe:** FT

**Top Recorder:** 3133.42 FT

**Collars:** 89.53 FT

**Bottom Recorder:** 3187 FT

*ID-2 1/4*

**Test Tool:** 37.57 FT

**Below Straddle Recorder:** 3233 FT

*ID-3 1/2-FH*

**Well Bore Size:** 7 7/8

*Jars*

**Surface Choke:** 1"

*Safety Joint*

**Bottom Choke:** 5/8"

*Sampler*

**Total Anchor:** 48

**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):** 12 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):** 28 FT

*4 1/2-FH*



**Operation:**

Well Complete

**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**DATE**

November

**16**

2022

**DST #6      Formation: Simpson      Test Interval: 3150 - 3198'      Total Depth: 3260'**

Time On: 11:55 11/16

Time Off: 18:00 11/16

Time On Bottom: 14:30 11/16

Time Off Bottom: 14:55 11/16

**Mud Properties**

**Mud Type:** Chemical

**Weight:** 9.6

**Viscosity:** 49

**Filtrate:** 7.2

**Chlorides:** 4,000 ppm



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Liggett #A-1**

SEC: 34 TWN: 25S RNG: 7E  
County: BUTLER  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 1  
Elevation: 1485 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 613  
API #: 15-015-24174

**Operation:**

Well Complete

**DATE**

November

**16**

2022

**DST #6      Formation: Simpson      Test Interval: 3150 - 3198'      Total Depth: 3260'**

Time On: 11:55 11/16

Time Off: 18:00 11/16

Time On Bottom: 14:30 11/16

Time Off Bottom: 14:55 11/16

**Gas Volume Report**

**1st Open**

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

**2nd Open**

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



| CREW           |            | UNIT | SUMMARY      |                  |             |
|----------------|------------|------|--------------|------------------|-------------|
| Cementor:      | Garrett S. | 47   | Average Rate | Average Pressure | Total Fluid |
| Pump Operator: | Nick B.    | 209  | 4.2 bpm      | 420 psi          | 155 bbls    |
| Bulk #1:       | Devin K.   | 189  |              |                  |             |
| Bulk #2:       |            |      |              |                  |             |



## Exhibit "A"

Satchell Creek Petroleum, LLC  
Liggett A-1  
1915 FNL 711' FEL  
Section 34-T25S-R7E  
KB 1497'

| <b>Formation</b>  | <b>Top</b> | <b>Datum</b> |
|-------------------|------------|--------------|
| Heebner           | 1454       | 43           |
| Toronto           | 1478       | 19           |
| Douglass          | 1499       | -2           |
| Lansing           | 1770       | -273         |
| Base Lansing      | 1924       | -427         |
| KC                | 2067       | -570         |
| BKC               | 2222       | -725         |
| Fort Scott        | 2454       | -957         |
| Cherokee          | 2472       | -975         |
| Squirrel Sand     | 2522       | -1025        |
| Mississippian     | 2744       | -1247        |
| 2nd Mississippian | 2803       | -1306        |
| Kinderhook        | 3040       | -1543        |
| Viola             | 3104       | -1607        |
| Simpson           | 3154       | -1657        |
| Arbuckle          | 3198       | -1701        |

# MUD LOG

## WellSight Systems

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

Well Name: Liggett A-1

API: 15-015-24174-00-00

Location: 1915 FNL, 711 FEL, Sec.34, TWP25S, R7E

License Number:

Region:

Spud Date:

Drilling Completed:

Surface Coordinates:

Bottom Hole

Coordinates:

Ground Elevation (ft): 1485

K.B. Elevation (ft): 1497

Logged Interval (ft): 1600

To: TD

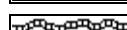
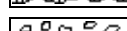
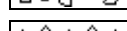
Total Depth (ft): 3261

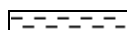
Formation: Arbuckle

Type of Drilling Fluid: Chemical

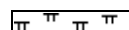
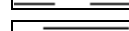
Printed by MudLog from WellSight Systems 1-800-447-1534 www.WellSight.com

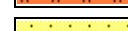
### ROCK TYPES

 Anhy  
 Bent  
 Brec  
 Cht

 Clyst  
 Coal  
 Congl  
 Dol

 Gyp  
 Igne  
 Lmst  
 Meta

 Mrlst  
 Salt  
 Shale  
 Shcol

 Shgy  
 Sltst  
 Ss  
 Till

### ACCESSORIES

**MINERAL**  
 Anhy  
 Arggrn  
 Arg  
 Bent  
 Bit  
 Brecfrag  
 Calc  
 Carb  
 Chtdk  
 Chtlt  
 Dol  
 Feldspar  
 Ferrpel  
 Ferr  
 Glau

 Gyp  
 Hvymin  
 Kaol  
 Marl  
 Minxl  
 Nodule  
 Phos  
 Pyr  
 Salt  
 Sandy  
 Silt  
 Sil  
 Sulphur  
 Tuff

**FOSSIL**  
 Algae  
 Amph  
 Belm  
 Bioclst  
 Brach  
 Bryozoa  
 Cephal  
 Coral  
 Crin  
 Echin  
 Fish  
 Foram  
 Fossil  
 Gastro  
 Oolite

 Ostra  
 Pelec  
 Pellet  
 Pisolite  
 Plant  
 Strom

**STRINGER**  
 Anhy  
 Arg  
 Bent  
 Coal  
 Dol  
 Gyp  
 Ls  
 Mrst

 Sltstrg  
 Ssstrg

**TEXTURE**  
 Boundst  
 Chalky  
 Cryxln  
 Earthy  
 Finexln  
 Grainst  
 Lithogr  
 Microxln  
 Mudst  
 Packst  
 Wackest

### OTHER SYMBOLS

**POROSITY**  
 Earthy  
 Fenest  
 Fracture  
 Inter  
 Moldic  
 Organic  
 Pinpoint

 Vuggy

**SORTING**  
 Well  
 Moderate  
 Poor

**ROUNDING**  
 Rounded  
 Subrnd  
 Subang  
 Angular

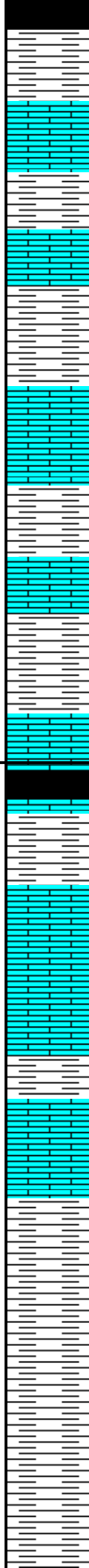
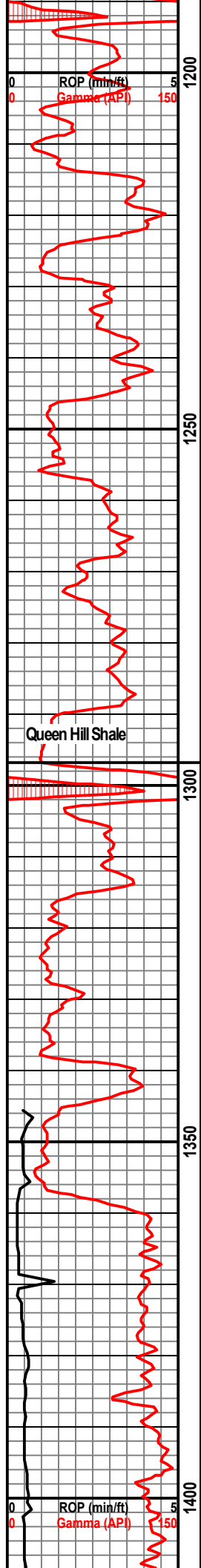
**OIL SHOW**  
 Even

 Spotted  
 Ques  
 Dead

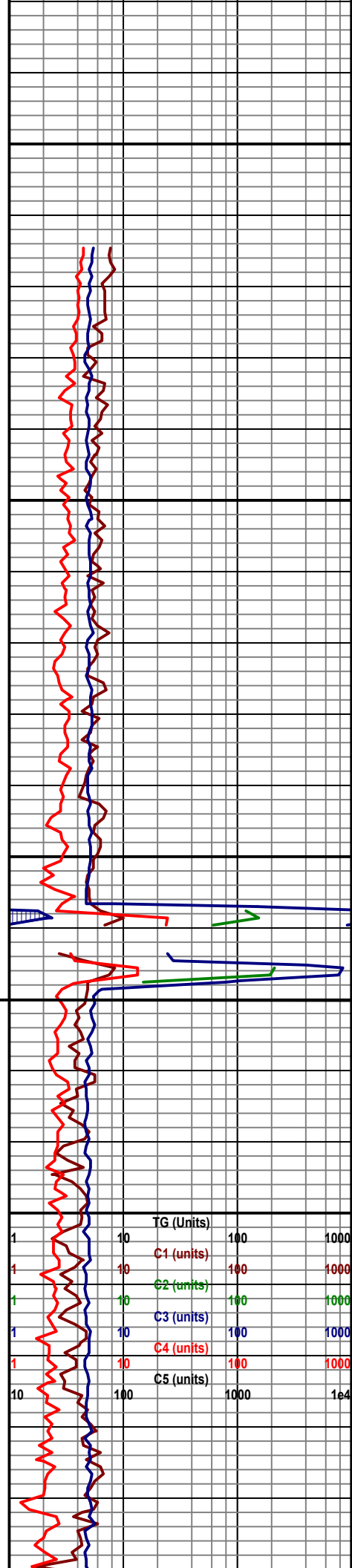
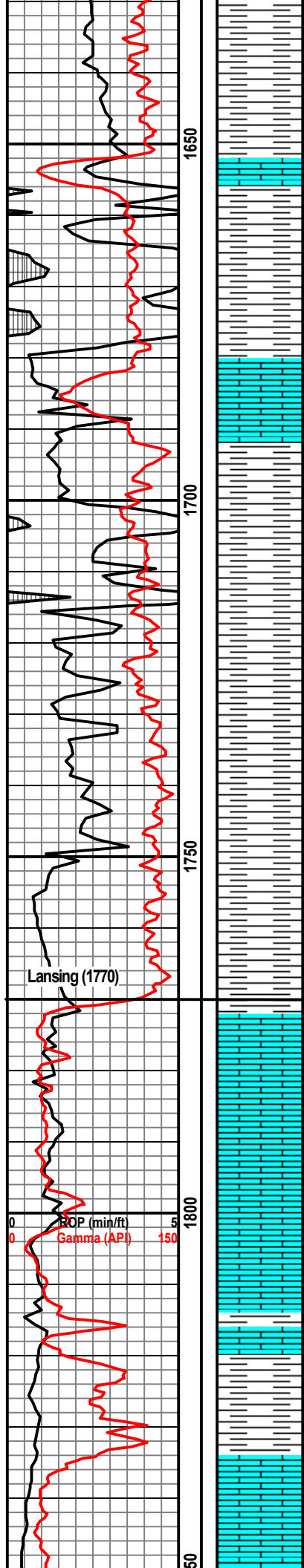
**INTERVAL**  
 Core  
 Dst 2  
 Dst

**EVENT**  
 Rft  
 Sidewall

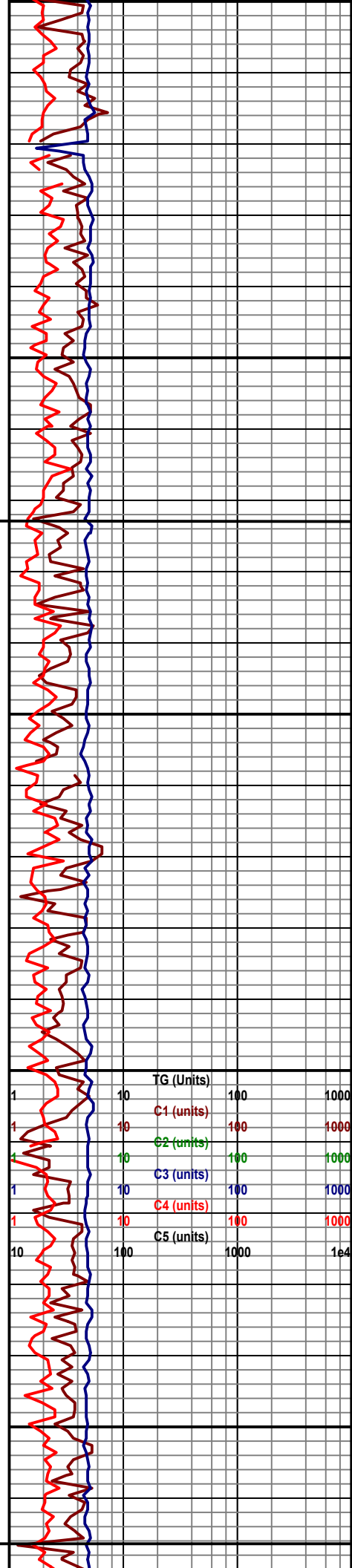
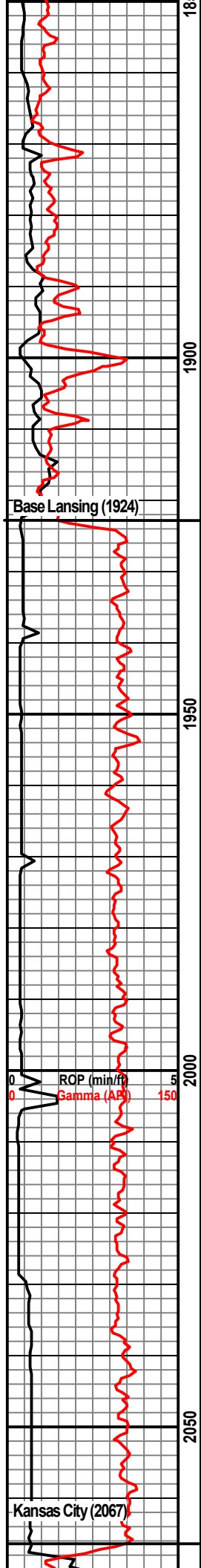
[illegible]

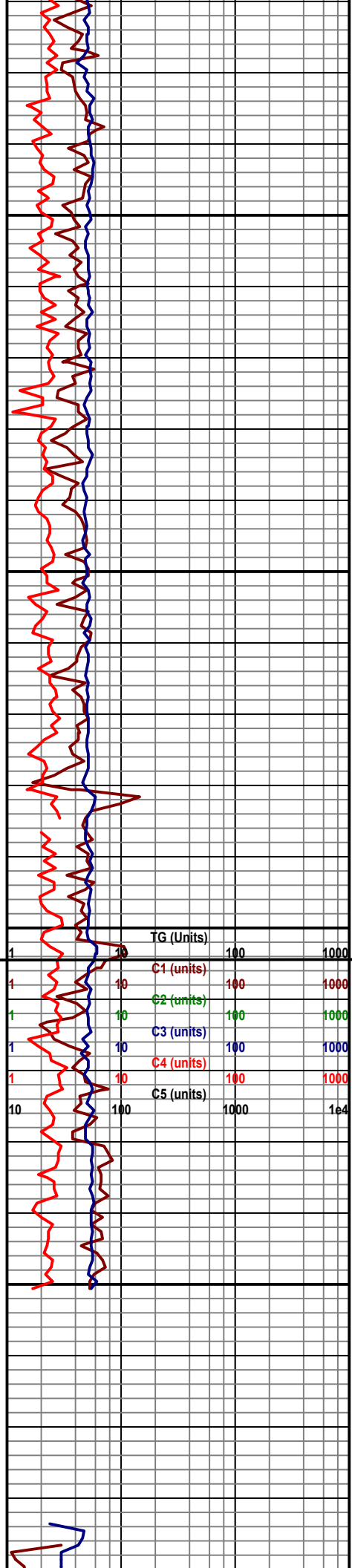
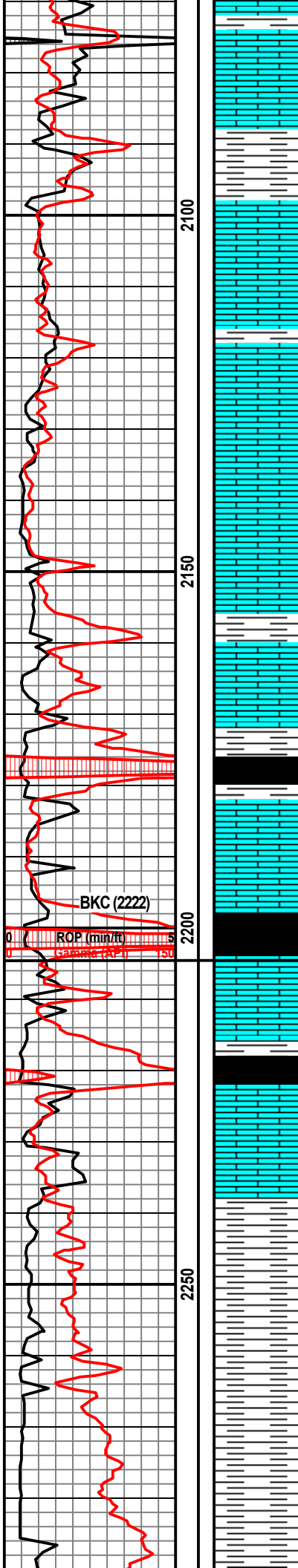
[illegible]

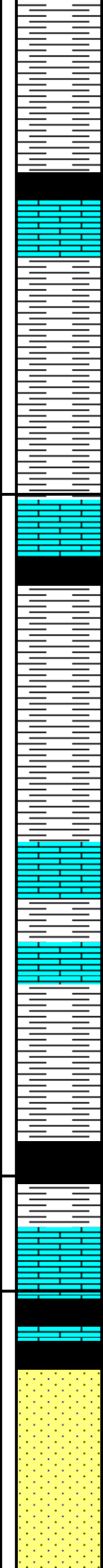
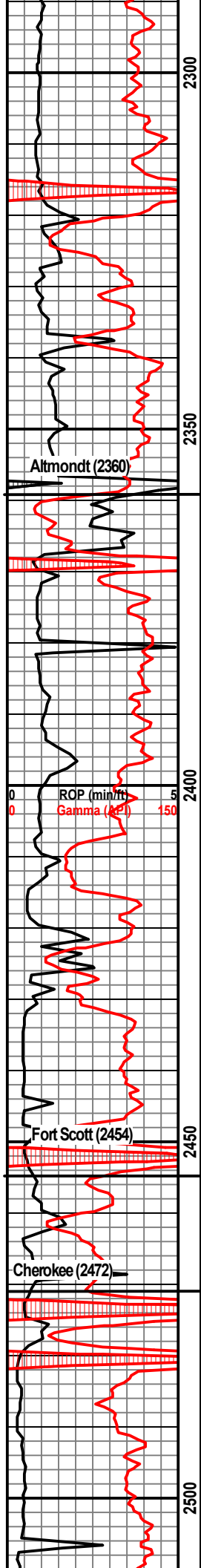




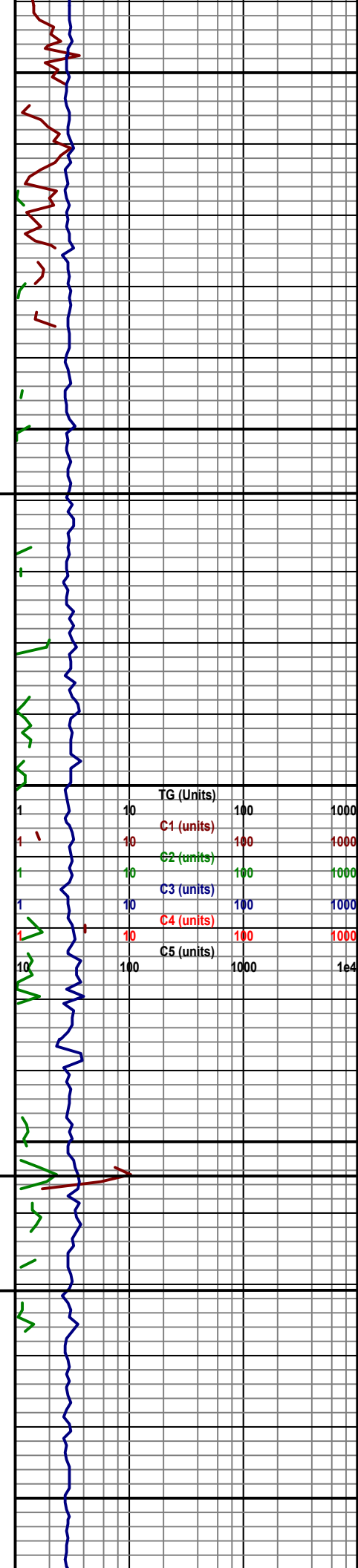
|    | TG (Units) |      |      |
|----|------------|------|------|
| 1  | 10         | 100  | 1000 |
| 1  | 10         | 100  | 1000 |
| 1  | 10         | 100  | 1000 |
| 1  | 10         | 100  | 1000 |
| 1  | 10         | 100  | 1000 |
| 10 | 100        | 1000 | 1e4  |

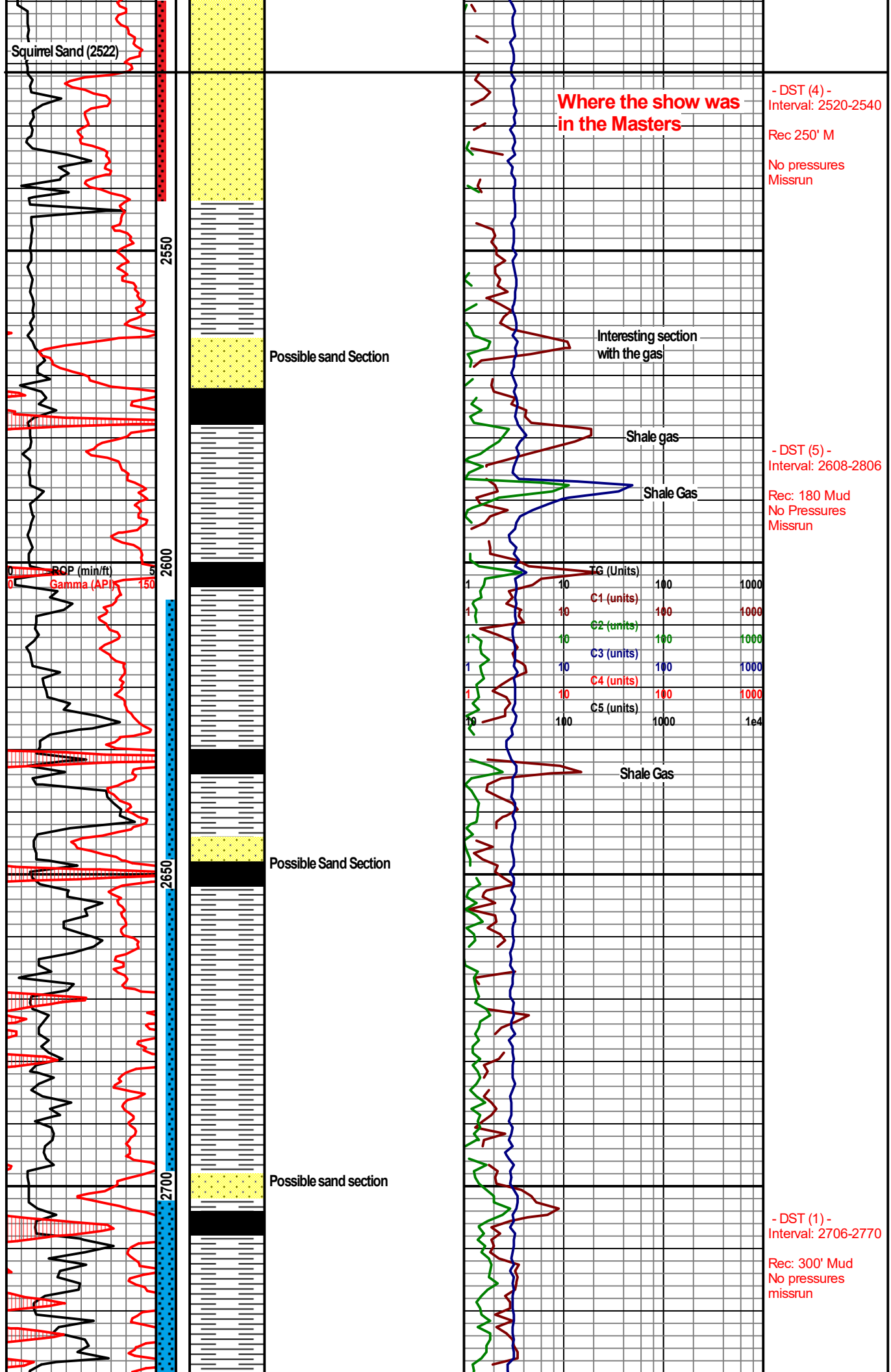


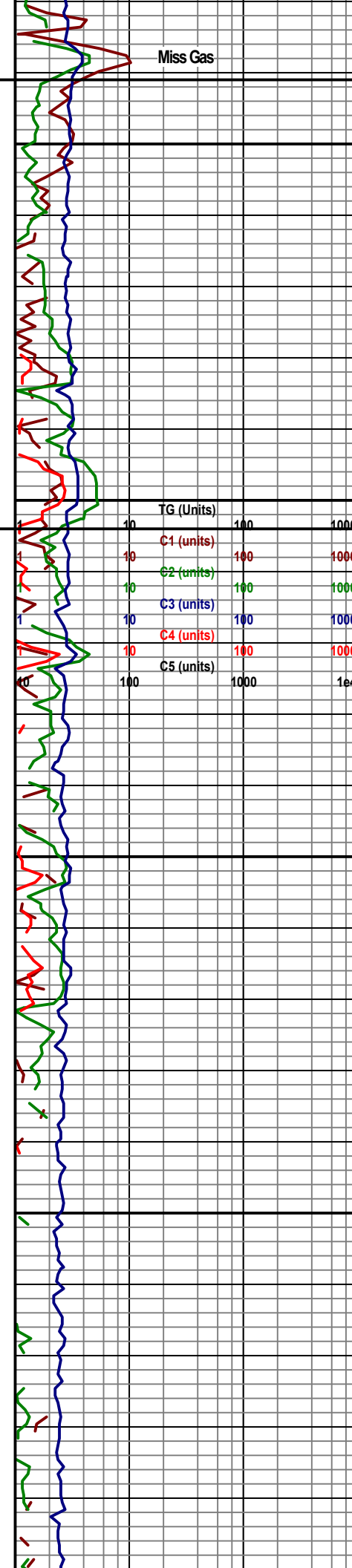
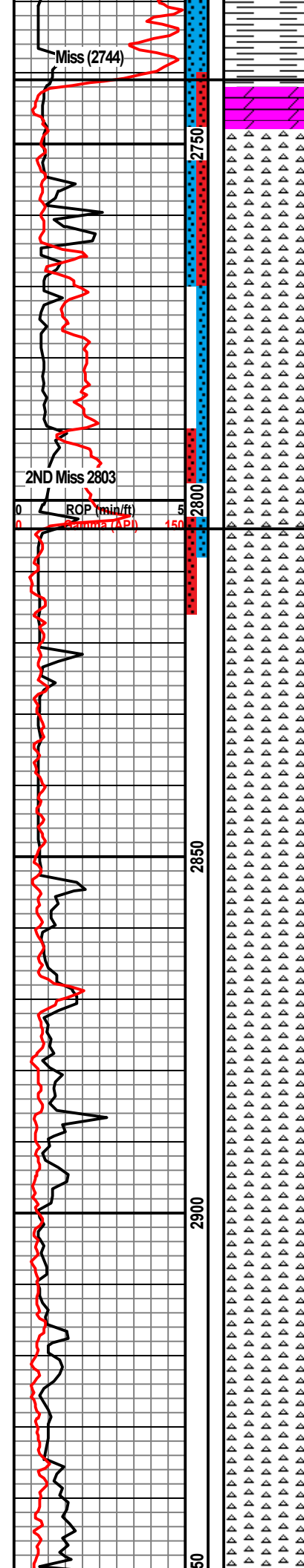




Possible sand section - Does not appear to be as developed







- DST (2) -  
Interval: 2740-2770

Rec: 200' Mud  
No Pressures  
Missrun

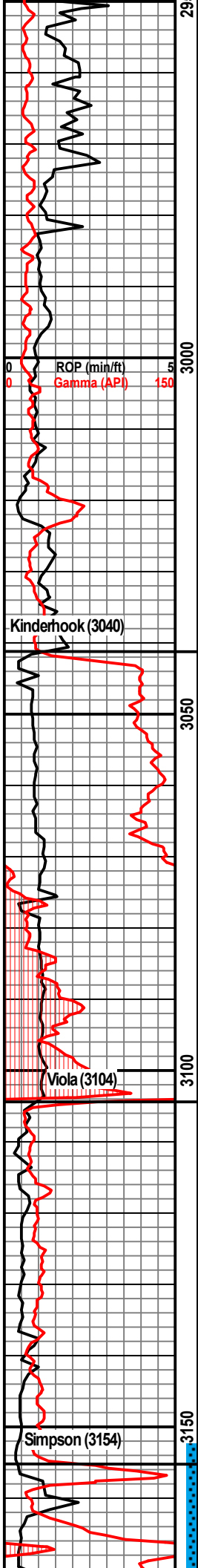
- DST (3) -  
Interval: 2790-2814

Rec: 15' 85% W  
15% M Trace Oil

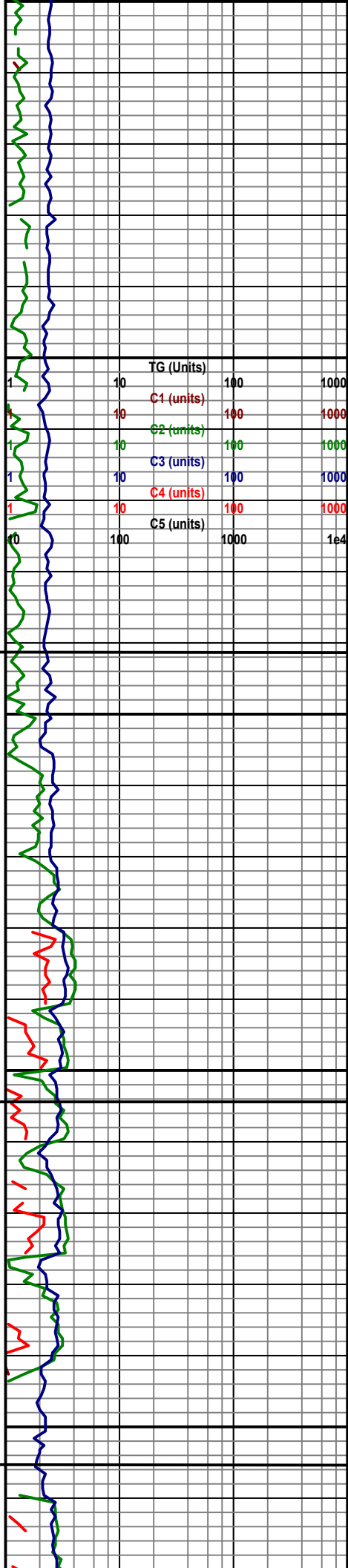
188' 97%W, 3%M  
90' 65%W, 35%M

IF: 72-102  
FF: 109-151  
SIP: 920-892

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



Sand Section



- DST (6) -  
Interval 3150-3198  
Rec: 450' 95%w,  
5%M

