

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	BELLERIVE A1-29
Doc ID	1740304

All Electric Logs Run

BHV
DIL
DUCP
MEL

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	BELLERIVE A1-29
Doc ID	1740304

Tops

Name	Top	Datum
King Hill Shale	3692	-1163
Heebner	3803	-1274
Toronto	3824	-1295
Lansing	3847	-1318
BKC	4076	-1547
Pawnee	4220	-1691
Fort Scott	4290	-1761
Cherokee	4310	-1781

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	BELLERIVE A1-29
Doc ID	1740304

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	3712	3715			500 gal, 15% HCL
4	3826	3828			500 gal, 15% HCL
4	3846	3850			500 gal, 15% HCL
4	3914	3917			500 gal, 15% HCL
4	4020	4026			500 gal, 15% HCL
4	4044	4048			500 gal, 15% HCL









**CEMENT TREATMENT REPORT**

Customer:	Satchell Creek	Well:	Bellerive A 1-29	Ticket:	wp 4596
City, State:	St Peter Kansas	County:	Graham.Kansas	Date:	8/16/2023
Field Rep:	Jay Krier	S-T-R:	29-10s-25w	Service:	2 stage

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	4400 ft
Casing Size:	5 1/5 in
Casing Depth:	4396 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	105.0 bbbls

Calculated Slurry - Lead	
Blend:	H -ld
Weight:	15.0 ppg
Water / Sx:	6.1 gal / sx
Yield:	1.49 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbbls
Excess:	
Total Slurry:	66.3 bbbls
Total Sacks:	250 sx

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

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
5:30 PM			-	-	on location job and safety
5:40 PM			-	-	spot trucks and rig up
			-	-	
6:45 PM			-	-	start flush
	4.5	200.0	10.0	10.0	fresh water
	4.5	200.0	12.0	22.0	mud flush
	4.5	200.0	10.0	32.0	fresh water
6:55 PM					flush in
7:00 PM					start cement
	5.5	330.0			mix 250 sacks cement
7:20 PM					cement in
					wash pump and lines and release the plug
7:25 PM					start displacement
	6.6	290.0	40.0		
	6.6	330.0	50.0		
	6.6	370.0	60.0		
	6.6	600.0	70.0		
	6.6	800.0	80.0		
	4.0	850.0	90.0		
7:40 PM	4.0	100.0	105.0		plug down took pressure from 1000 to 1500.....release pressur and plug held
7:45 AM					drop opening tool

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	M McGraw	529/522	5.5 bpm	388 psi	527 bbbls
Bulk #1:	K Jullian	181/533			
Bulk #2:	Jose	538/530			





**CEMENT TREATMENT REPORT**

Customer:	Satchell Creek	Well:	Bellerive A 1-29	Ticket:	wp 4596
City, State:	St Petwer Kansas	County:	Graham.Kansas	Date:	8/16/2023
Field Rep:	Jay Krier	S-T-R:	29-10s-25w	Service:	2 stage

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	2205 ft
Casing Size:	5 1/2 in
Casing Depth:	2205 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	53.0 bbls

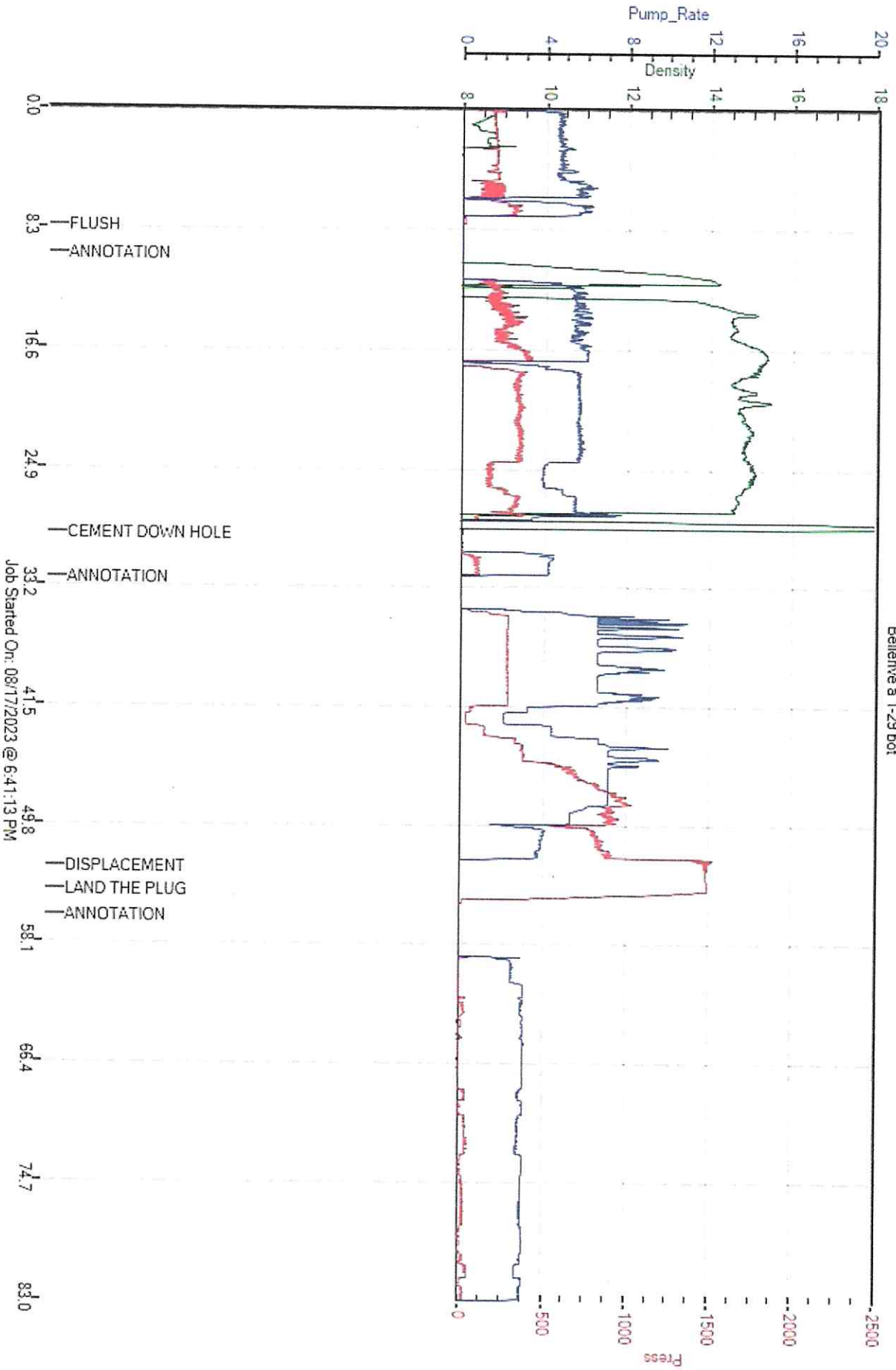
Calculated Slurry - Lead	
Blend:	H-Con
Weight:	12.0 ppg
Water / Sx:	14.5 gal / sx
Yield:	2.47 ft <sup>3</sup> / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	219.9 bbls
Total Sacks:	500 sx

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

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
8:10 PM			-	-	open dv tool and circulate
9:20 PM				-	start flush
	4.5	150.0	10.0	10.0	fresh water
9:25 PM				10.0	flush in
	2.0	-	13.0	23.0	plug rat hole 30 sacks
9:35 PM				-	start cement down hole
	6.6	350.0	219.0	219.0	mix 500 sacks H-Con
10:10 PM					cement in and shut down
				-	wash pump and lines and nrelease the plug
				-	
				-	
10:15 PM				-	start displacement
	4.5	280.0	20.0		
	5.0	400.0	30.0		
	5.0	450.0	40.0		
10:30 PM	4.0	950.0	53.0		plug down,,,,,took pressure from 950 to 1600 release pressure and tool did close
				-	
				-	circulated 20 bbls to the pit
				-	
				-	
				-	
				-	
				-	
				-	
				-	

CREW		UNIT	SUMMARY		
Cementer:	M Brungardt	916	Average Rate	Average Pressure	Total Fluid
Pump Operator:	M McGraw	529/522	4.5 bpm	368.6 psi	385 bbls
Bulk #1:	K Jullian	181/533			
Bulk #2:	Jose	538/530			

Satchell Creek  
Bellerive a 1-29 bot

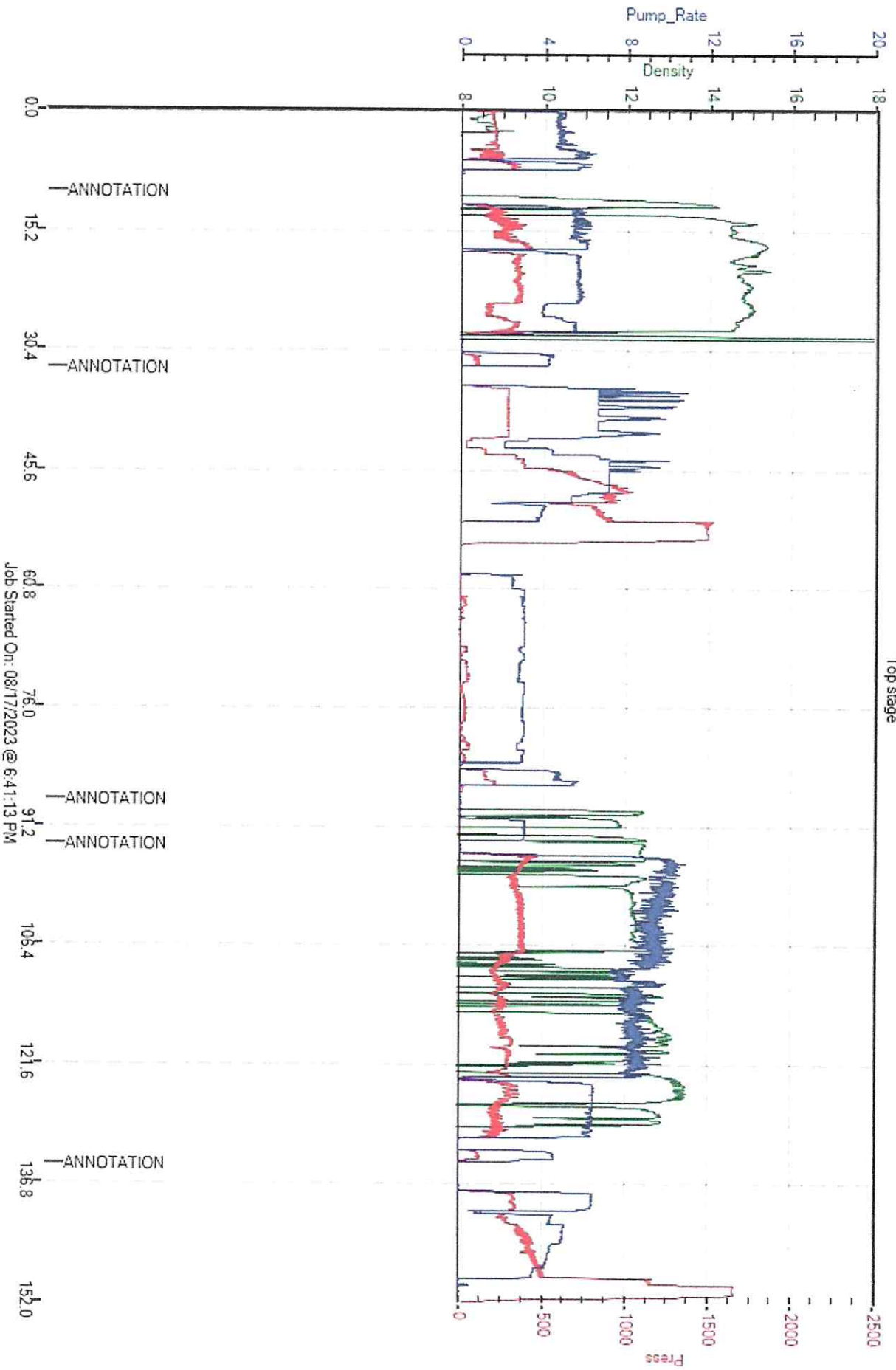


*Bottom stage*

Satchell Creek 2 stage Bellerive a 1-29 bottom stage IMP:accdb 1

Job Started On: 08/17/2023 @ 6:41:13 PM

# Satchell Creek Top stage





# Sean Deenihan

## Petroleum Geologist

### GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

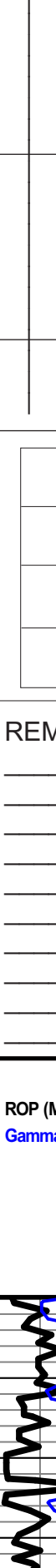
COMPANY Satchell Creek Petroleum, LLC  
 LEASE Bellerville #1-29  
 FIELD Wildcat  
 LOCATION 356 EHL & 1784 FEL  
 SEC 29 TWPSP 10S RGE 25W  
 COUNTY Graham STATE Kansas  
 CONTRACTOR Feature Drilling  
 SPUD 8/7/23 COMP 8/15/23  
 RTD 4400' LTD 4396'  
 MUD UP 3400' TYPE MUD Chemical

ELEVATIONS  
 KB 2529'  
 DF \_\_\_\_\_  
 GL 2522'  
 Measurements Are All From Kelly Bushing

CASING  
 CONDUCTOR \_\_\_\_\_  
 SURFACE 8'-5/8" at 221'  
 PRODUCTION 5.5" at ~1TD  
 ELECTRICAL SURVEYS  
 MIDWEST  
 CN/D/D/L  
 MIC/SON

GEOLOGICAL SUPERVISION FROM 3700'  
 REFERENCE WELL \_\_\_\_\_

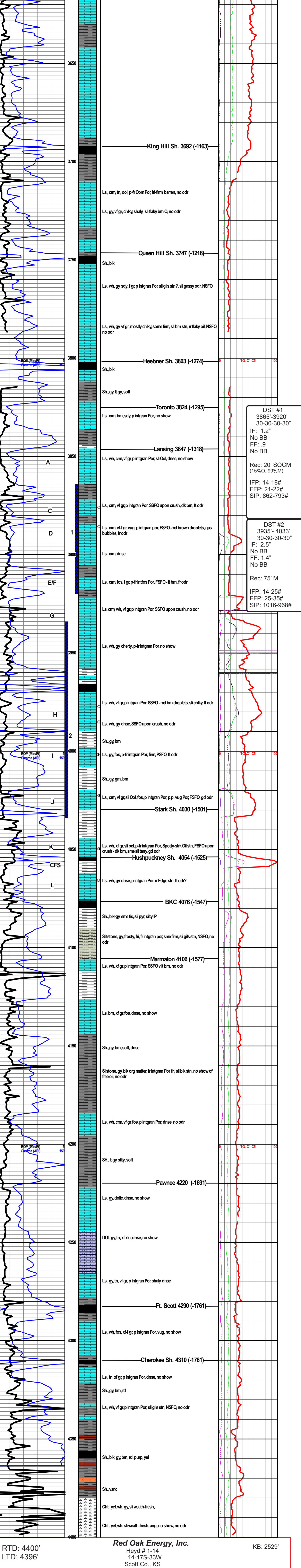
Formation	Sample Tops	E-log Tops	Struct. Foss.
B/A hydrofite	2218 (-309)	2218 (+309)	
Heebner Sh.	3803 (-1274)	3803 (-1274)	
Lansing	3847 (-1318)	3847 (-1318)	
Stark Shale	4030 (-1501)	4030 (-1501)	
Pawnee	4220 (-1691)	4220 (-1691)	
Ft. Scott	4290 (-1761)	4290 (-1761)	



REMARKS The Bellerville #1-29 was completed as an oil well and will be further evaluated through 5.5" casing.

Respectfully Submitted,

Sean P. Deenihan



DST #1  
 3865'-3920'  
 30-30-30-30"  
 IF: 1.2"  
 No BB  
 FFP: .9  
 No BB

Rec: 20' SOCM  
 (15%O, 99%M)  
 IFP: 14-18#  
 FFP: 21-22#  
 SIP: 862-793#

DST #2  
 3935'-4033'  
 30-30-30-30"  
 IF: 2.5"  
 No BB  
 FFP: 1.4"  
 No BB

Rec: 75' M  
 IFP: 14-25#  
 FFP: 25-35#  
 SIP: 1016-968#

RTD: 4400'  
 LTD: 4396'

**Red Oak Energy, Inc.**  
 Heyd # 1-14  
 14-17S-33W  
 Scott Co., KS

KB: 2529'



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Bellerive "A" #1-29**

SEC: 29 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 2523 EGL  
Field Name: Gurk SE Ext  
Pool: WILDCAT  
Job Number: 686  
API #: 15-065-24270

**Operation:**  
Well Complete

**DATE**  
August  
**13**  
2023

**DST #1      Formation: Lans "A-  
C"      Test Interval: 3865 -  
3920'      Total Depth: 3920'**  
  
Time On: 19:23 08/13      Time Off: 02:00 08/14  
Time On Bottom: 22:12 08/13      Time Off Bottom: 00:12 08/14

Electronic Volume  
Estimate:  
22'

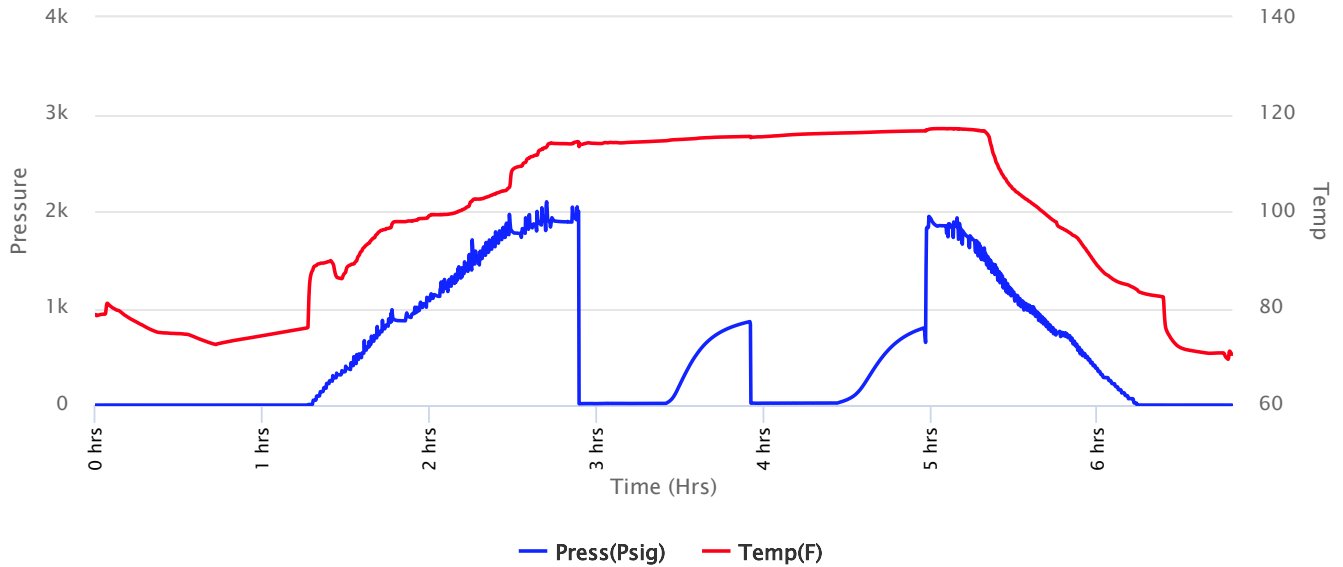
1st Open  
Minutes: 30  
Current Reading:  
1.2" at 30 min  
Max Reading: 1.2"

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

2nd Open  
Minutes: 30  
Current Reading:  
.9" at 30 min  
Max Reading: .9"

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

Inside Recorder





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LLC - Rig 2  
Elevation: 2523 EGL  
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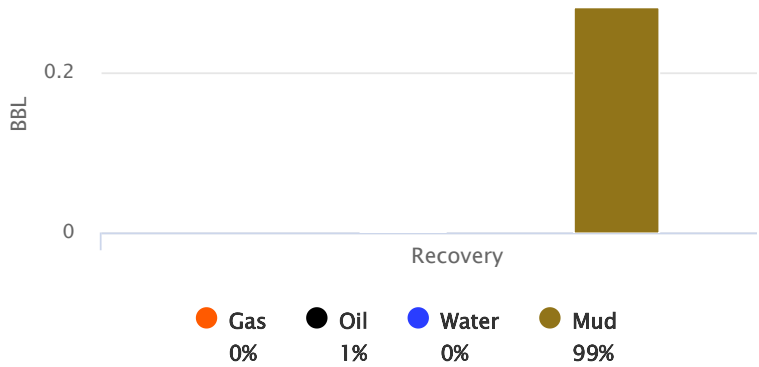
Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
20	0.2846	SLOCM	0	1	0	99

Total Recovered: 20 ft  
Total Barrels Recovered: 0.2846

**Reversed Out**  
NO

Initial Hydrostatic Pressure	1989	PSI
Initial Flow	14 to 18	PSI
<b>Initial Closed in Pressure</b>	<b>862</b>	<b>PSI</b>
Final Flow Pressure	21 to 22	PSI
<b>Final Closed in Pressure</b>	<b>793</b>	<b>PSI</b>
Final Hydrostatic Pressure	1936	PSI
Temperature	117	°F
Pressure Change Initial Close / Final Close	8.1	%

**Recovery at a glance**



GIP cubic foot volume: 0



**Company: Satchell Creek  
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LLC - Rig 2  
Elevation: 2523 EGL  
Field Name: Gurk SE Ext  
Pool: WILDCAT  
Job Number: 686  
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Time On: 19:23 08/13      Time Off: 02:00 08/14  
Time On Bottom: 22:12 08/13      Time Off Bottom: 00:12 08/14

**BUCKET MEASUREMENT:**

1st Open: 1/4 in. blow building to 1 in.  
1st Close: No blow back.  
2nd Open: Weak, surface blow in 8 mins. building to 3/4 in.  
2nd Close: No blow back.

**REMARKS:**

Hit a bridge hard 33 stands out.  
Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud





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Time On: 19:23 08/13      Time Off: 02:00 08/14  
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**Down Hole Makeup**

<b>Heads Up:</b> 12.88 FT	<b>Packer 1:</b> 3859.5 FT
<b>Drill Pipe:</b> 3844.31 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3865 FT
<b>Weight Pipe:</b> FT	<b>Top Recorder:</b> 3848.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3902 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 55	<b>Surface Choke:</b> 1"
<b><u>Anchor Makeup</u></b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 2 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 32 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 19 FT <i>4 1/2-FH</i>	



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State: Kansas  
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LLC - Rig 2  
Elevation: 2523 EGL  
Field Name: Gurk SE Ext  
Pool: WILDCAT  
Job Number: 686  
API #: 15-065-24270

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3920'**      **Total Depth: 3920'**  
  
Time On: 19:23 08/13      Time Off: 02:00 08/14  
Time On Bottom: 22:12 08/13      Time Off Bottom: 00:12 08/14

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.2      **Viscosity:** 57      **Filtrate:** 6.4      **Chlorides:** 4,300 ppm





**Company: Satchell Creek  
Petroleum, LLC  
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SEC: 29 TWN: 10S RNG: 25W  
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Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 2523 EGL  
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**14**  
2023

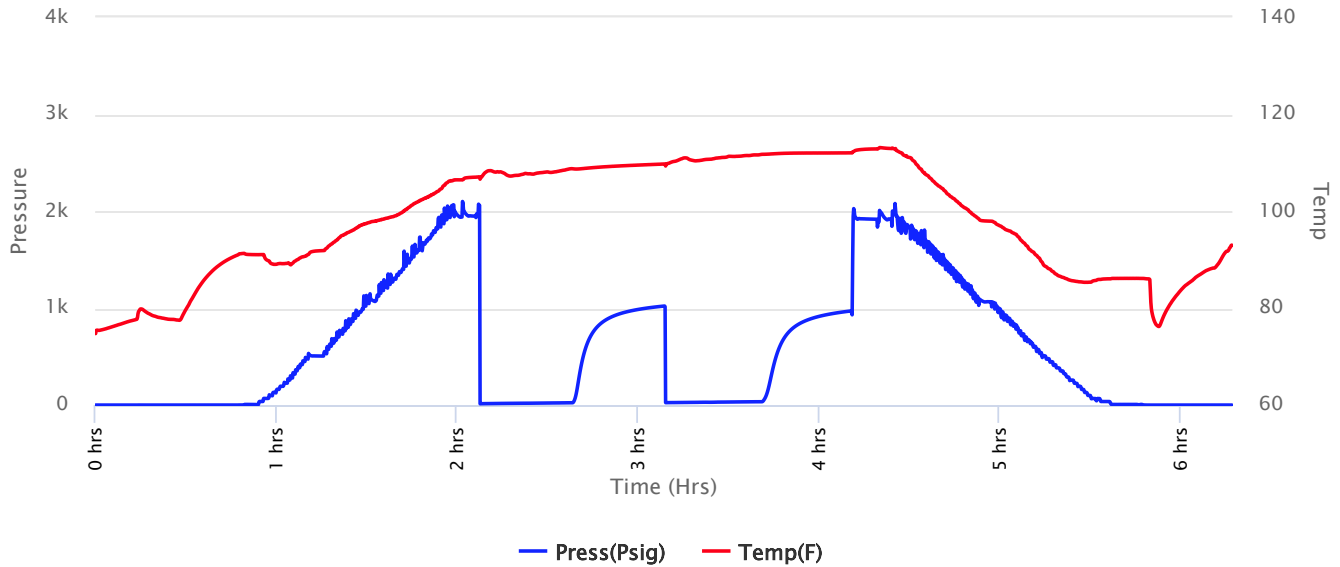
**DST #2      Formation: Lans "H-  
J"      Test Interval: 3935 -  
4033'      Total Depth: 4033'**

Time On: 11:18 08/14      Time Off: 17:24 08/14  
Time On Bottom: 13:21 08/14      Time Off Bottom: 15:21 08/14

Electronic Volume  
Estimate:  
41'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 30	Minutes: 30	Minutes: 30	Minutes: 30
Current Reading: 2.5" at 30 min	Current Reading: 0" at 30 min	Current Reading: 1.4" at 30 min	Current Reading: 0" at 30 min
Max Reading: 2.5"	Max Reading: 0"	Max Reading: 1.4"	Max Reading: 0"

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Bellerive "A" #1-29**

SEC: 29 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 2  
Elevation: 2523 EGL  
Field Name: Gurk SE Ext  
Pool: WILDCAT  
Job Number: 686  
API #: 15-065-24270

**Operation:**  
Well Complete

**DATE**  
August  
**14**  
2023

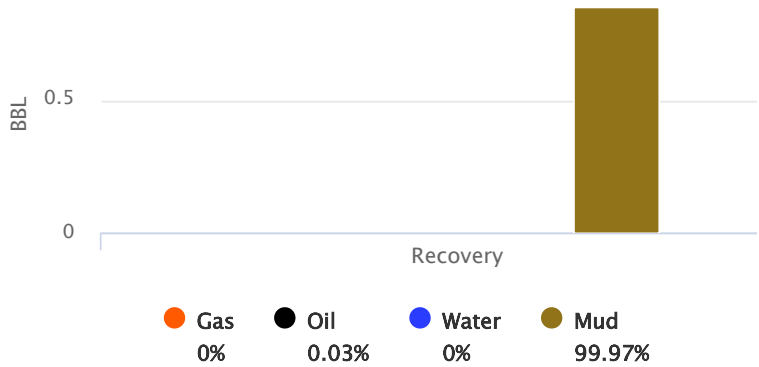
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<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
60	0.8538	M (trace oil)	0	.03	0	99.97

Total Recovered: 60 ft  
Total Barrels Recovered: 0.8538

**Reversed Out**  
NO

**Recovery at a glance**



Initial Hydrostatic Pressure	2073	PSI
Initial Flow	14 to 25	PSI
<b>Initial Closed in Pressure</b>	<b>1016</b>	<b>PSI</b>
Final Flow Pressure	25 to 35	PSI
<b>Final Closed in Pressure</b>	<b>968</b>	<b>PSI</b>
Final Hydrostatic Pressure	1948	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	4.7	%

GIP cubic foot volume: 0



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**BUCKET MEASUREMENT:**

- 1st Open: 1/4 in. blow building to 2 ins.
- 1st Close: No blow back.
- 2nd Open: Weak, surface blow in 4 mins. building to 1 in.
- 2nd Close: No blow back.



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**Down Hole Makeup**

<b>Heads Up:</b> 34.98 FT	<b>Packer 1:</b> 3929.5 FT
<b>Drill Pipe:</b> 3936.41 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3935 FT
<b>Weight Pipe:</b> FT	<b>Top Recorder:</b> 3918.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4004 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 98	<b>Surface Choke:</b> 1"
<b><u>Anchor Makeup</u></b>	<b>Bottom Choke:</b> 5/8"
<b>Packer Sub:</b> 1 FT	
<b>Perforations: (top):</b> 2 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 64 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 30 FT <i>4 1/2-FH</i>	





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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.1      **Viscosity:** 53      **Filtrate:** 5.8      **Chlorides:** 4,400 ppm

