

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	HOBBS A 4-34
Doc ID	1742889

All Electric Logs Run

BHV
DIL
DUCP
MEL

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	HOBBS A 4-34
Doc ID	1742889

#### Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
8	4374	4380			600 gal, 15% HCL
8	4344	4348			225 gal 15% HCL
8	4268	4272			225 gal 15% HCL
8	4074	4076			225 gal 15% HCL
8	4010	4018			225 gal 15% HCL
8	3992	3998			225 gal 15% HCL
8	3972	3976			225 gal 15% HCL
8	3952	3957			225 gal 15% HCL
8	3818	3824			225 gal 15% HCL
8	3799	3804			225 gal 15% HCL
4	3891	3894			187.5 gal 20% HCL
4	3728	3729			187.5 gal 20% HCL
4	3703	3706			187.5 gal 20% HCL
4	3686	3688			187.5 gal 20% HCL

Form	ACO1 - Well Completion
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Doc ID	1742889

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugType	BridgePlugSet At	Material Record
4	4336	4340			225 gal 15% HCL



# Sean Deenihan

## Petroleum Geologist

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

COMPANY Satchell Creek Petroleum, LLC  
 LEASE Hobbs A #4-34

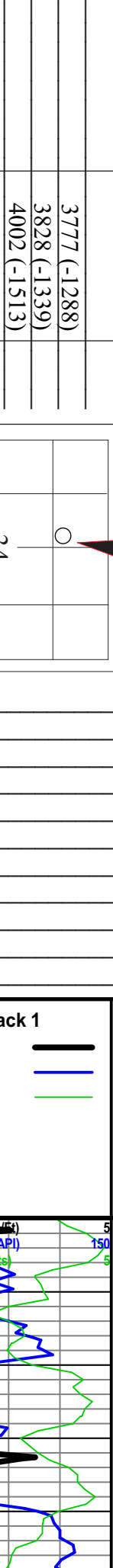
FIELD Wildcat  
 LOCATION 1215' ENL & 2541' FWL  
 SEC 34 TWPSP 10S RGE 25W  
 COUNTY Graham STATE Kansas  
 CONTRACTOR Feature Drilling Rig #3  
 SPUD 8/19/23 COMP 8/25/23  
 RTD 4436' LTD 4437'  
 MUD UP 3400' TYPE MUD Chemical

ELEVATIONS  
 KB 2489'  
 DF \_\_\_\_\_  
 GL 2481'

Measurements Are All From Kelly Bushing  
 CASING  
 CONDUCTOR \_\_\_\_\_  
 SURFACE 8-5/8" at 220'  
 PRODUCTION \_\_\_\_\_

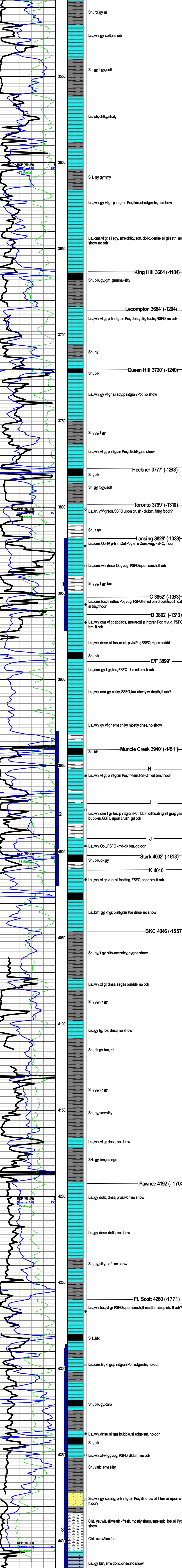
SAMPLES SAVED FROM 3100' TO RTD  
 DRILLING TIME KEPT FROM 3100' TO RTD  
 SAMPLES EXAMINED FROM 3100' TO RTD  
 GEOLOGICAL SUPERVISION FROM 3100'  
 REFERENCE WELL CND/DIL. BHG Midwest  
MICLSON

Formation	Sample Tops	E-log Tops	Struct Fes.
Heabner Sh		3777 (-1288)	
Lansing		3828 (-1339)	
Stark Sh		4002 (-1513)	
BKC		4046 (-1557)	
Ft. Scott		4260 (-1771)	



REMARKS

Engineering Data  
 TG (Units) \_\_\_\_\_  
 C2 (Units) \_\_\_\_\_  
 C3 (Units) \_\_\_\_\_  
 C4 (Units) \_\_\_\_\_  
 C5 (Units) \_\_\_\_\_



**DST #1**  
 3827-3872  
 30-30-0-0"  
 IF: Surf - died  
 ISI: No BB  
 Rec: 1' M  
 IFF: 12-13#  
 SIP: 281#

**DST #2**  
 3930-4020  
 30-30-30-30"  
 IF: Surf - died  
 ISI: No BB  
 FF: No blow  
 FSI: No BB  
 Rec: 10' M  
 IFF: 13-17#  
 FFP: 18-20#  
 SIP: 453-209#

**DST #1**  
 4286-4436  
 60-30-5-60"  
 IF: 1.8"  
 ISI: No blow  
 FF: No blow  
 FSI: No BB  
 Rec: 45' M  
 IFF: 12-13#  
 FFP: 38-40#  
 SIP: 846-1007#

Formation CND/DIL. BHG Midwest  
MICLSON



**CEMENT TREATMENT REPORT**

<b>Customer:</b> Satchell Creek	<b>Well:</b> Hobbs A # 4-34	<b>Ticket:</b> WP4630
<b>City, State:</b>	<b>County:</b> Graham,KS	<b>Date:</b> 8/18/2023
<b>Field Rep:</b>	<b>S-T-R:</b> 34-10S-25W	<b>Service:</b> Surface

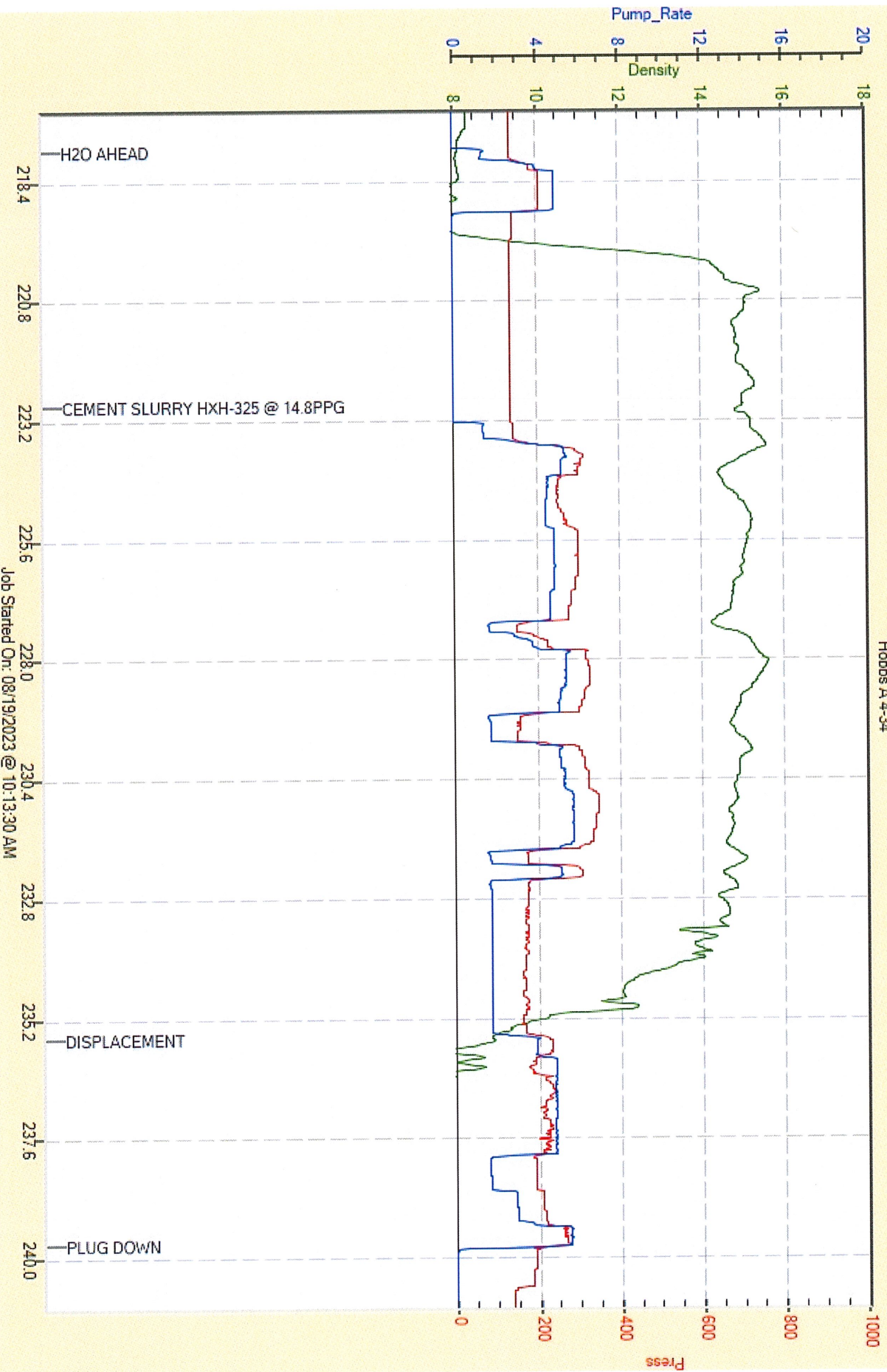
Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	12 1/4 in	Blend:	HxH-325	Blend:	
Hole Depth:	224 ft	Weight:	14.8 ppg	Weight:	ppg
Casing Size:	8 5/8 in	Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
Casing Depth:	224 ft	Yield:	1.41 ft <sup>3</sup> / sx	Yield:	ft <sup>3</sup> / 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:	13.0 bbls	Total Slurry:	46.5 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	185 sx	Total Sacks:	0 sx

TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	REMARKS
730pm			-	-	Arrive On Locaton
800pm				-	Safety Meeting
1000pm				-	Rig Up
				-	
1003pm	5.0	210.0	5.0	5.0	H2O Ahead
1009pm	3.3	200.0	46.5	51.5	Cement Slurry HxH-325 185sks @ 14.8ppg
1023pm	4.0	250.0	13.0	64.5	Displace
1027pm		100.0		64.5	Plug Down
				64.5	Circulated 4bbls of Cement to Pit
1030pm				64.5	Wash Up
1040pm				64.5	Rig Down
1050pm					Leave Location

CREW		UNIT	SUMMARY		
Cementer:	Spencer	945	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Michael	537/520	4.1 bpm	190 psi	65 bbls
Bulk #1:	Jose V	205			
Bulk #2:					



Satchell Creek  
Hobbs A 4-34





CEMENT TREATMENT REPORT

Customer: Satchell Creek, Well: Hobbs A #4-34, Ticket: WP4658, City, State, County: Graham, Date: 8/28/2023, Field Rep: Jay, S-T-R: 34-10S-25W, Service: Longstring

Downhole Information: Hole Size: 7 7/8 in, Hole Depth: 4436 ft, Casing Size: 5 1/2 in, Casing Depth: 4415 ft, Tubing / Liner: in, Depth: ft, Tool / Packer, Tool Depth: ft, Displacement: 104.8 bbls

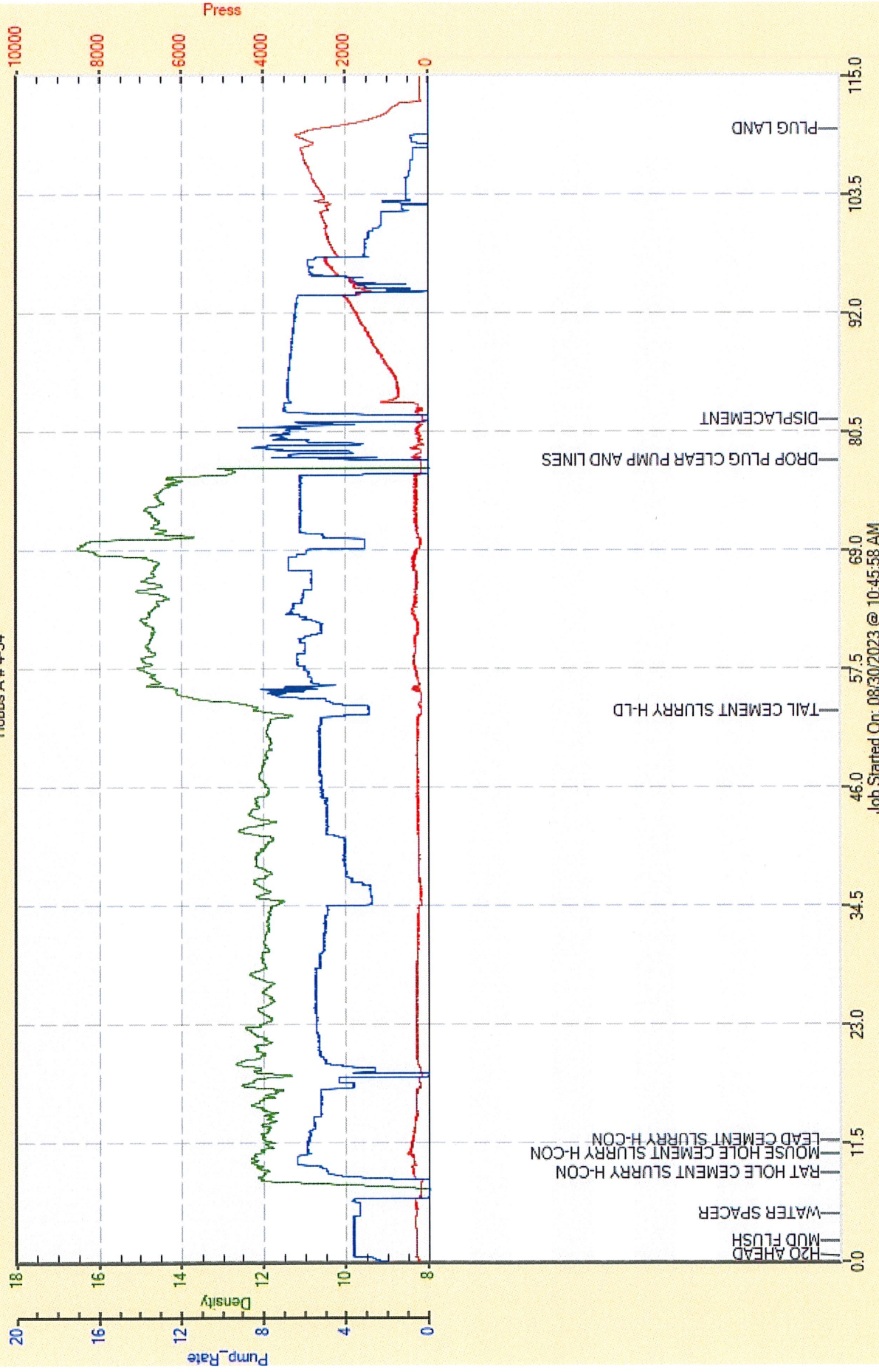
Calculated Slurry - Lead: Blend: H-Con, Weight: 12.0 ppg, Water / Sx: 15.5 gal / sx, Yield: 2.56 ft³ / sx, Annular Bbls / Ft.: bbs / ft., Depth: ft, Annular Volume: 0.0 bbls, Excess, Total Slurry: 250.8 bbls, Total Sacks: 550 sx

Calculated Slurry - Tail: Blend: H-LD, Weight: 14.8 ppg, Water / Sx: 6.5 gal / sx, Yield: 1.51 ft³ / sx, Annular Bbls / Ft.: bbs / ft., Depth: ft, Annular Volume: 0 bbls, Excess, Total Slurry: 67.3 bbls, Total Sacks: 250 sx

Table with columns: TIME, RATE, PSI, BBLs, TOTAL BBLs, REMARKS. Includes entries from 830am to 100pm with details on operations like H2O Ahead, Mud Flush, Rat Hole, Mouse Hole, Lead H-con, and Tail H-LD.

Summary table with columns: CREW, UNIT, SUMMARY. Includes cementer Spencer (945), Pump Operator Michael (537/520), Bulk #1: Chistrian (538/530), Bulk #2: Jose V (194/235). Summary: Average Rate 4.5 bpm, Average Pressure 699 psi, Total Fluid 462 bbls.

Satchell Creek  
Hobbs A # 4-34





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**23**  
2023

**DST #1    Formation: Lans "A-D"    Test Interval: 3827 - 3872'    Total Depth: 3872'**  
Time On: 17:14 08/23    Time Off: 23:16 08/23  
Time On Bottom: 20:02 08/23    Time Off Bottom: 21:02 08/23

Electronic Volume  
Estimate:  
0'

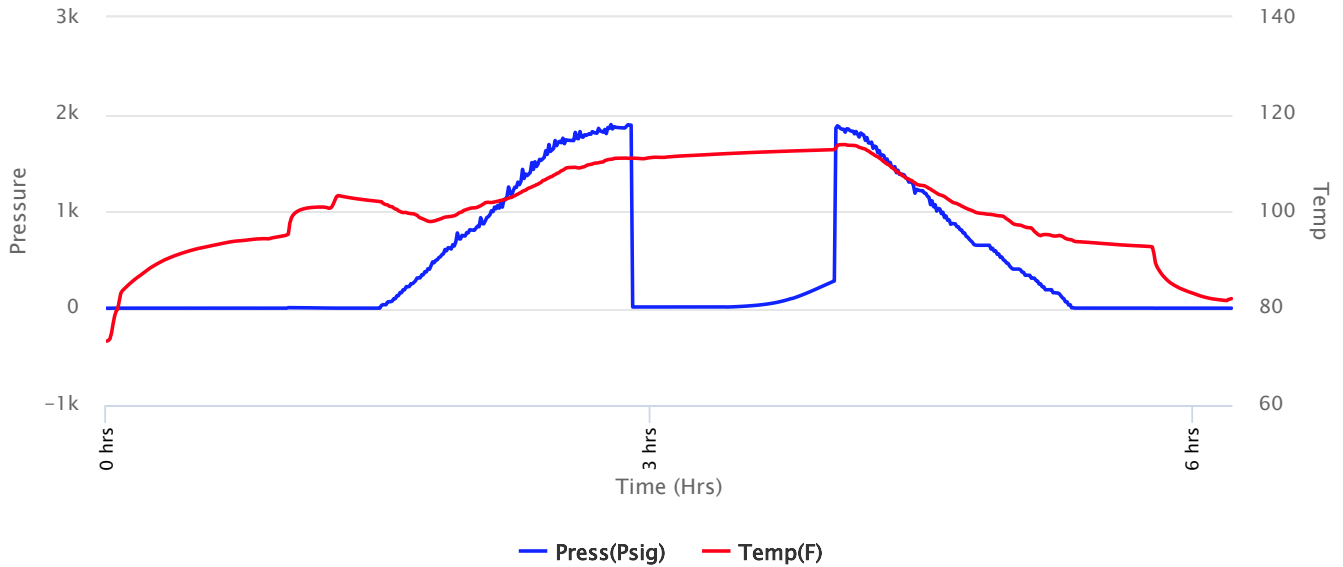
1st Open  
Minutes: 30  
Current Reading:  
0" at 30 min  
Max Reading: 0"

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

2nd Open  
N/A

2nd Close  
N/A

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**23**  
2023

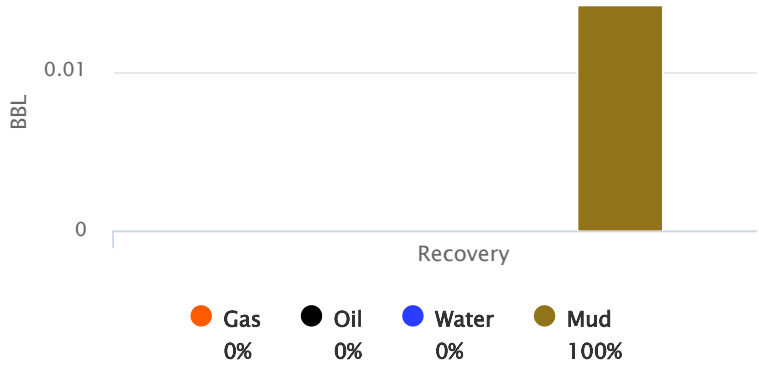
**DST #1**      **Formation: Lans "A-D"**      **Test Interval: 3827 - 3872'**      **Total Depth: 3872'**  
Time On: 17:14 08/23      Time Off: 23:16 08/23  
Time On Bottom: 20:02 08/23      Time Off Bottom: 21:02 08/23

Recovered		Description of Fluid	Gas %	Oil %	Water %	Mud %
Foot	BBLs					
1	0.01423	M	0	0	0	100

Total Recovered: 1 ft  
Total Barrels Recovered: 0.01423

**Reversed Out**  
NO

**Recovery at a glance**



Initial Hydrostatic Pressure	1888	PSI
Initial Flow	12 to 13	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>281</b>	<b>PSI</b>
Final Hydrostatic Pressure	1857	PSI
Temperature	113	°F
Pressure Change Initial Close / Final Close	0.0	%

GIP cubic foot volume: 0



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**23**  
2023

<b>DST #1</b>	<b>Formation: Lans "A- D"</b>	<b>Test Interval: 3827 - 3872'</b>	<b>Total Depth: 3872'</b>
	Time On: 17:14 08/23	Time Off: 23:16 08/23	
	Time On Bottom: 20:02 08/23	Time Off Bottom: 21:02 08/23	

**BUCKET MEASUREMENT:**

1st Open: Weak, surface blow. Died in 5 mins.

1st Close: No blow back.

2nd Open: N/A

2nd Close: N/A

**REMARKS:**

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



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County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**23**  
2023

**DST #1**      **Formation: Lans "A-D"**      **Test Interval: 3827 - 3872'**      **Total Depth: 3872'**  
Time On: 17:14 08/23      Time Off: 23:16 08/23  
Time On Bottom: 20:02 08/23      Time Off Bottom: 21:02 08/23

**Down Hole Makeup**

<b>Heads Up:</b> 27.44 FT	<b>Packer 1:</b> 3821.5 FT
<b>Drill Pipe:</b> 3820.87 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3827 FT
<b>Weight Pipe:</b> FT	<b>Top Recorder:</b> 3810.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 3870 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Well Bore Size:</b> 7 7/8
<b>Total Anchor:</b> 45	<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> 4 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 31 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 8 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek  
Petroleum, LLC  
Lease: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**23**  
2023

**DST #1      Formation: Lans "A-  
D"      Test Interval: 3827 -      Total Depth: 3872'**  
**3872'**

Time On: 17:14 08/23      Time Off: 23:16 08/23  
Time On Bottom: 20:02 08/23      Time Off Bottom: 21:02 08/23

**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.5      **Viscosity:** 61      **Filtrate:** 7.2      **Chlorides:** 2,200 ppm





**Company: Satchell Creek Petroleum, LLC**

**Lease: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**23**  
2023

**DST #1 Formation: Lans "A-D" Test Interval: 3827 - 3872' Total Depth: 3872'**  
  
Time On: 17:14 08/23 Time Off: 23:16 08/23  
Time On Bottom: 20:02 08/23 Time Off Bottom: 21:02 08/23

**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: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**24**  
2023

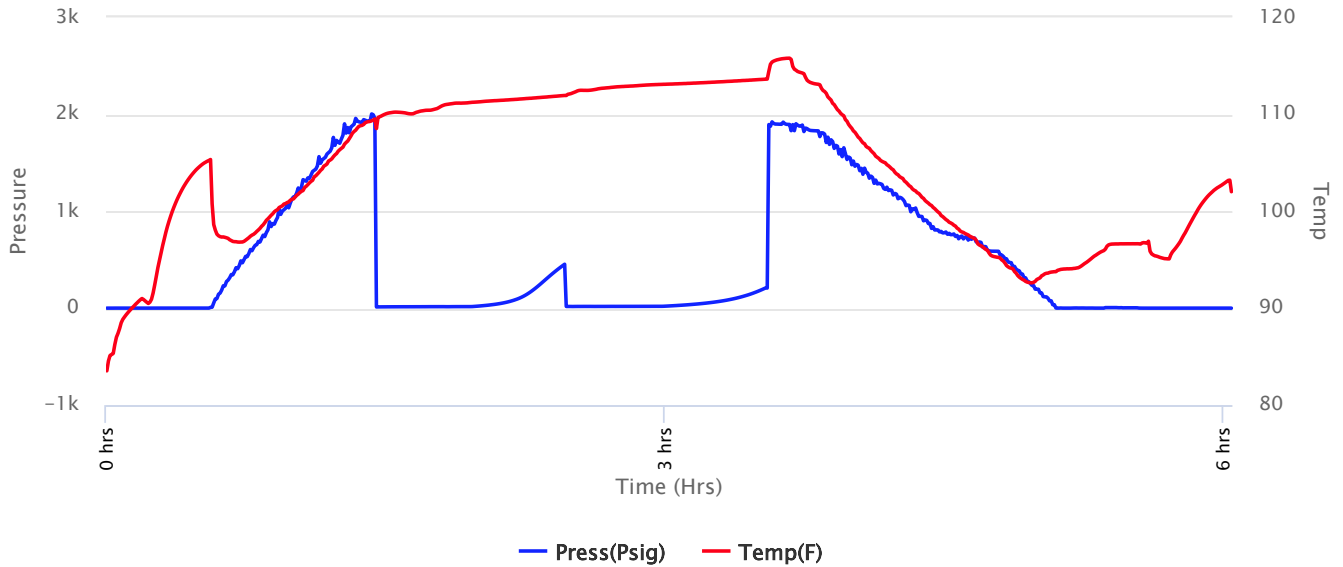
**DST #2      Formation: Lans "H-  
K"      Test Interval: 3930 -      Total Depth: 4020'**  
**4020'**

Time On: 11:34 08/24      Time Off: 17:27 08/24  
Time On Bottom: 12:59 08/24      Time Off Bottom: 14:59 08/24

Electronic Volume  
Estimate:  
1'

<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:	Current Reading:	Current Reading:	Current Reading:
0" at 30 min	0" at 30 min	0" at 30 min	0" at 30 min
Max Reading: 0.1"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder





**Company: Satchell Creek  
Petroleum, LLC  
Lease: Hobbs "A" #4-34**

SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**24**  
2023

**DST #2**      **Formation: Lans "H-  
K"**      **Test Interval: 3930 -  
4020'**      **Total Depth: 4020'**  
  
Time On: 11:34 08/24      Time Off: 17:27 08/24  
Time On Bottom: 12:59 08/24      Time Off Bottom: 14:59 08/24

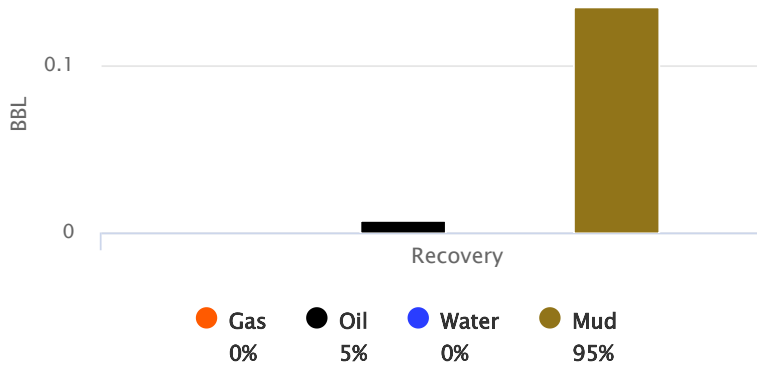
<u>Recovered</u>		<u>Description of Fluid</u>	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
<u>Foot</u>	<u>BBLs</u>					
10	0.1423	SLOCM	0	5	0	95

Total Recovered: 10 ft  
Total Barrels Recovered: 0.1423

**Reversed Out**  
NO

Initial Hydrostatic Pressure	1958	PSI
Initial Flow	13 to 17	PSI
<b>Initial Closed in Pressure</b>	<b>453</b>	<b>PSI</b>
Final Flow Pressure	18 to 20	PSI
<b>Final Closed in Pressure</b>	<b>209</b>	<b>PSI</b>
Final Hydrostatic Pressure	1894	PSI
Temperature	114	°F
Pressure Change Initial Close / Final Close	53.9	%

**Recovery at a glance**



GIP cubic foot volume: 0



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**BUCKET MEASUREMENT:**

1st Open: Weak, surface blow. Died in 16 mins.  
1st Close: No blow back.  
2nd Open: No blow.  
2nd Close: No blow back.

**REMARKS:**

Tool Sample: 0% Gas 5% Oil 0% Water 95% Mud



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**Down Hole Makeup**

<b>Heads Up:</b> 15.54 FT	<b>Packer 1:</b> 3924.5 FT
<b>Drill Pipe:</b> 3911.97 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 3930 FT
<b>Weight Pipe:</b> FT	<b>Top Recorder:</b> 3913.42 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Bottom Recorder:</b> 4018 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> 90	<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> 22 FT <i>4 1/2-FH</i>	
<b>Change Over:</b> .5 FT	
<b>Drill Pipe: (in anchor):</b> 63 FT <i>ID-3 1/2</i>	
<b>Change Over:</b> .5 FT	
<b>Perforations: (below):</b> 3 FT <i>4 1/2-FH</i>	



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LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
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**DST #2**      **Formation: Lans "H-  
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4020'**      **Total Depth: 4020'**  
Time On: 11:34 08/24      Time Off: 17:27 08/24  
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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.5      **Viscosity:** 41      **Filtrate:** 8.0      **Chlorides:** 2,500 ppm



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LLC - Rig 3  
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Pool: WILDCAT  
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**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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SEC: 34 TWN: 10S RNG: 25W  
County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

**DATE**  
August  
**25**  
2023

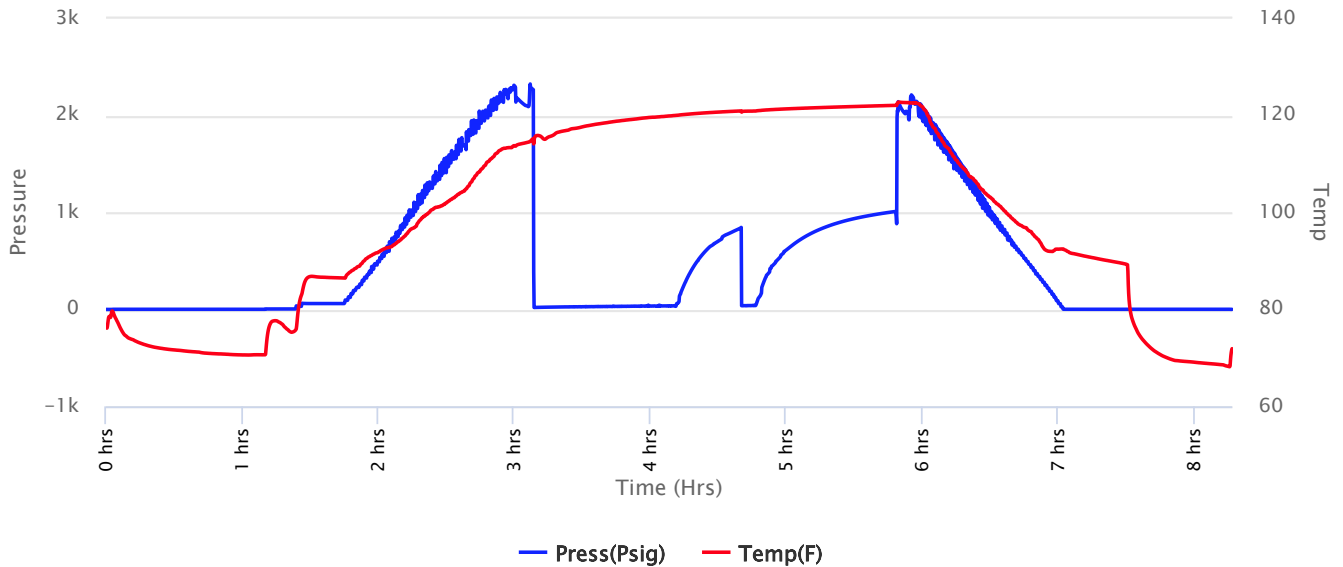
**DST #3**      **Formation: Fort Scott/Pennsylvania Sand**      **Test Interval: 4286 - 4436'**      **Total Depth: 4493'**

Time On: 20:57 08/25      Time Off: 05:00 08/26  
Time On Bottom: 00:00 08/26      Time Off Bottom: 02:35 08/26

Electronic Volume Estimate:  
20'

<u>1st Open</u>	<u>1st Close</u>	<u>2nd Open</u>	<u>2nd Close</u>
Minutes: 60	Minutes: 30	Minutes: 5	Minutes: 60
Current Reading: 0" at 60 min	Current Reading: 0" at 30 min	Current Reading: 0" at 5 min	Current Reading: 0" at 60 min
Max Reading: 1.8"	Max Reading: 0"	Max Reading: 0"	Max Reading: 0"

Inside Recorder







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County: GRAHAM  
State: Kansas  
Drilling Contractor: Feature Drilling  
LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
Pool: WILDCAT  
Job Number: 685  
API #: 15-065-24281

**Operation:**  
Well Complete

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Recovered

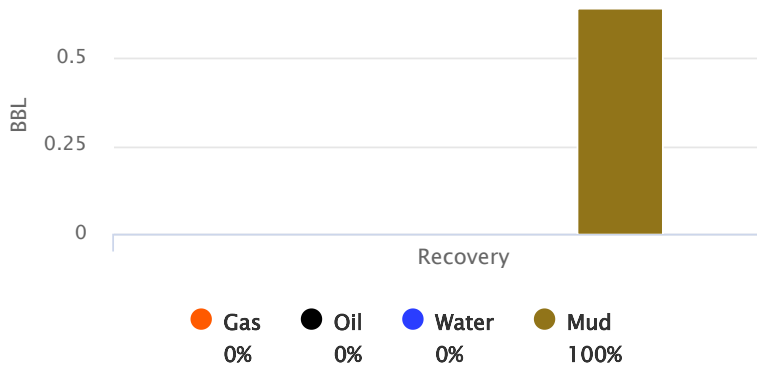
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
45	0.64035	M	0	0	0	100

Total Recovered: 45 ft  
Total Barrels Recovered: 0.64035

**Reversed Out**  
NO

Initial Hydrostatic Pressure	2267	PSI
Initial Flow	20 to 37	PSI
<b>Initial Closed in Pressure</b>	<b>846</b>	<b>PSI</b>
Final Flow Pressure	38 to 40	PSI
<b>Final Closed in Pressure</b>	<b>1007</b>	<b>PSI</b>
Final Hydrostatic Pressure	2143	PSI
Temperature	123	°F
Pressure Change Initial Close / Final Close	0.0	%

**Recovery at a glance**



GIP cubic foot volume: 0



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LLC - Rig 3  
Elevation: 2481 GL  
Field Name: Wildcat  
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Well Complete

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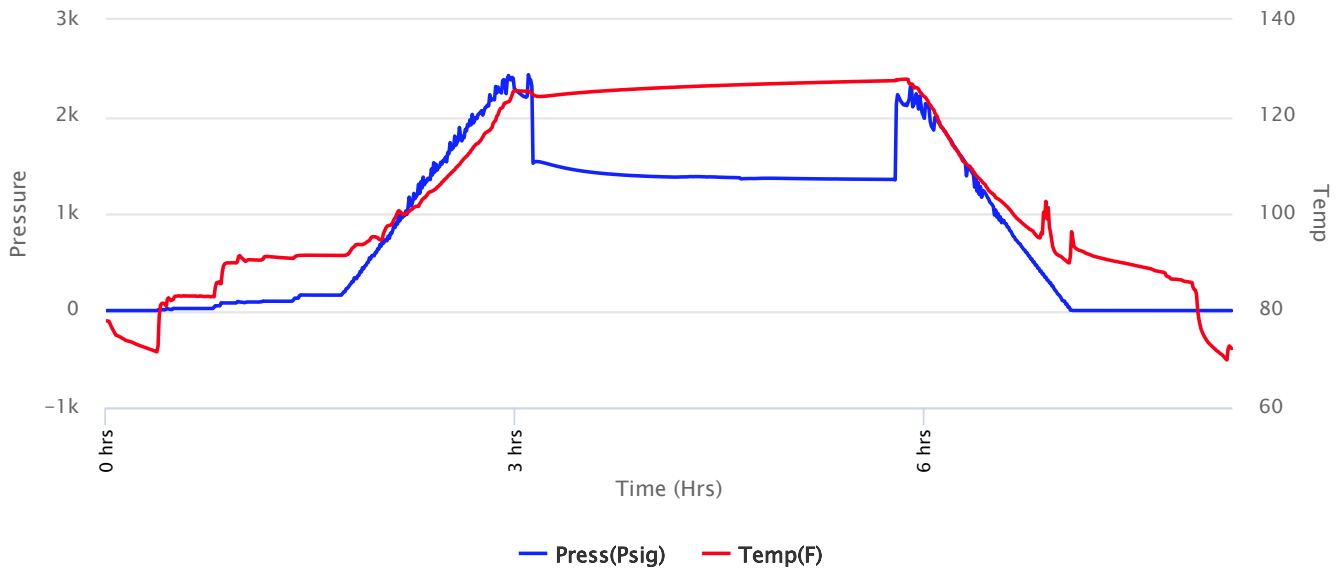
**BUCKET MEASUREMENT:**

1st Open: 1 in. blow building to 1.8 ins. in 25 mins. Died in 35 mins.  
1st Close: No blow back.  
2nd Open: Weak, surface blow. Died in 1 1/2 mins.  
2nd Close: No blow back.

**REMARKS:**

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

**Below Straddle Recorder**





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LLC - Rig 3  
Elevation: 2481 GL  
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Pool: WILDCAT  
Job Number: 685  
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**Down Hole Makeup**

<b>Heads Up:</b> -25.72 FT	<b>Packer 1:</b> 4280.5 FT
<b>Drill Pipe:</b> 4226.71 FT <i>ID-3 1/2</i>	<b>Packer 2:</b> 4286 FT
<b>Weight Pipe:</b> FT	<b>Packer 3:</b> 4436 FT
<b>Collars:</b> FT <i>ID-2 1/4</i>	<b>Top Recorder:</b> 4269.42 FT
<b>Test Tool:</b> 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	<b>Bottom Recorder:</b> 4432 FT
<b>Total Anchor:</b> 150	<b>Below Straddle Recorder:</b> 4470 FT
	<b>Well Bore Size:</b> 7 7/8
	<b>Surface Choke:</b> 1"
	<b>Bottom Choke:</b> 5/8"

**Anchor Makeup**

**Packer Sub:** 1 FT

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

**Change Over:** .5 FT

**Drill Pipe: (in anchor):** 124 FT  
*ID-3 1/2*

**Change Over:** .5 FT

**Perforations: (below):** 5 FT  
*4 1/2-FH*

**STRADDLE**

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

**Change Over:** .5 FT

**Drill Pipe:** 31 FT  
*ID-3 1/2"*

**Change Over:** .5 FT

**Perforations (in tail pipe):** 24 FT  
*4 1/2-FH*



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**Mud Properties**

**Mud Type:** Chemical      **Weight:** 9.3      **Viscosity:** 54      **Filtrate:** 8.0      **Chlorides:** 2,100 ppm



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**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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