

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
--	---

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
---	---	------------------------------------

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:	
----------------	-------	---------	------------	--

Sean Deenihan

Petroleum Geologist

GEOLOGIST'S REPORT DRILLING TIME AND SAMPLE LOG

COMPANY **Satchell Creek Petroleum, LLC**
 LEASE **Worcester A #4-21**
 FIELD **Wildcat**

ELEVATIONS
 KB 2272'

LOCATION **1397' FNL & 1342' FEEL**
 SEC **21** TWPSP **7S** RGE **22W**
 COUNTY **Graham** STATE **Kansas**
 CONTRACTOR **Feature Drilling Rigs #1**

Measurements Are All From Kelly Bushing
 GL 2265'

SPUD **3/28/23** COMP **4/8/23**
 RTD **3955'** LTD **3947'**
 MUD UP **3100'** TYPE MUD **Chemical**

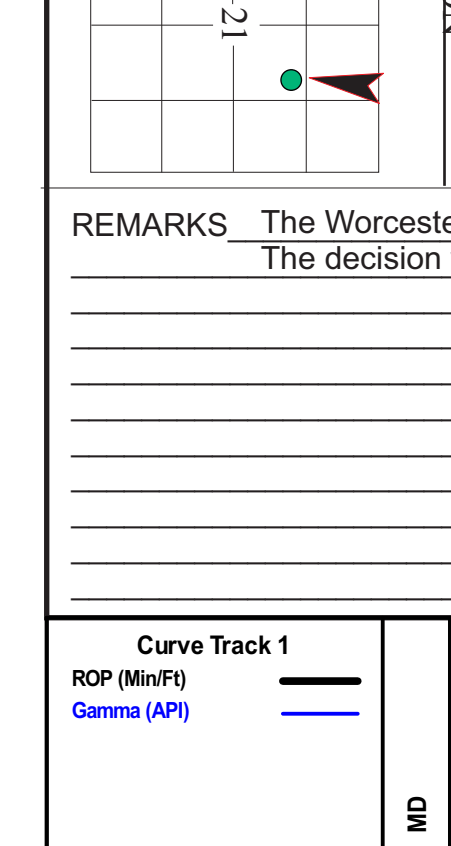
CASING
 CONDUCTOR SURFACE **8'-5/8"** at 269'
 PRODUCTION **5.5"**

SAMPLES SAVED FROM **3100'** TO **RTD**
 DRILLING TIME KEPT FROM **3100'** TO **RTD**
 SAMPLES EXAMINED FROM **3100'** TO **RTD**

ELECTRICAL SURVEYS
 Midwest
 CND/DIL.
 MIC/SON

GEOLOGICAL SUPERVISION FROM **3100'**
 REFERENCE WELL

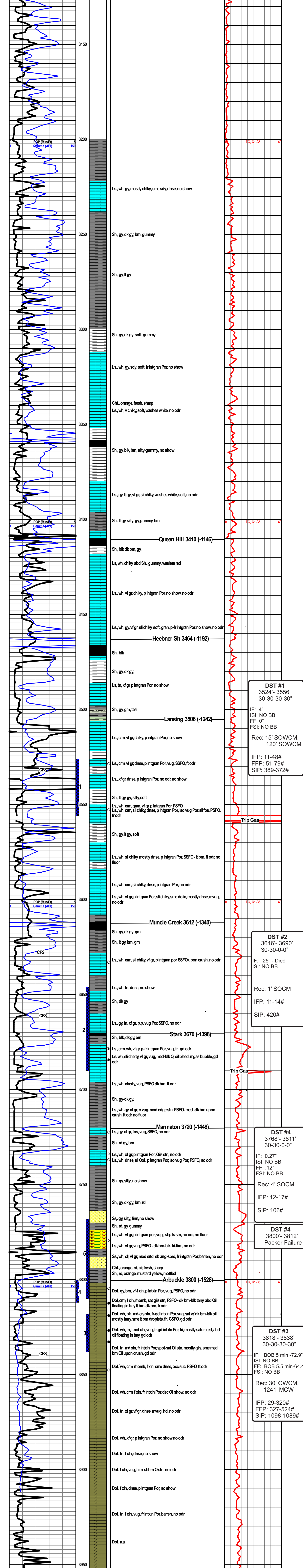
Formation	Sample Tops	E-log Tops	Struct. For.
Heebner Sh.		3468 (-1196)	
Lansing		3504 (-1232)	
Stark Shale		3670 (-1398)	
BKC		3694 (-1422)	
Arbuckle		3800 (-1528)	



REMARKS **The Worcester A #4-21 had very good shows of oil in the Arbuckle. The decision was made to complete this well for commercial oil production.**

Respectfully Submitted,

Sean P. Deenihan





416 Main Street
 P.O. Box 225
 Victoria, KS 67671
 Office (785) 639-3949
 24 Hour Service Line (785) 639-7269

Invoice

Date	Invoice #
4/2/2023	0909

Please Pay from this Invoice.
 Remit Payment to:
 416 Main Street PO BOX 225
 Victoria, KS 67671
 Billing Questions-Call Tianna at
 (785) 639-3949
 Email: franksoilfield@yahoo.com

KCC License Number
 35469

Bill To
Satchell Creek Petroleum, LLC 3032 N Cortina St Wichita, KS 67205

County/State	Lease/Well#	Terms	Job Type
Graham County, KS	Worcester 4-21	Net 30	Surface

Description	Quantity	Rate	Amount
Pump Charge	1	1,150.00	1,150.00
Mileage	42	6.50	273.00
Ton Mileage (min.)	1	600.00	600.00
Surface Blend	175	25.50	4,462.50T
Discount		-324.27	-324.27

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$6,161.23
<i>We appreciate your business and look forward to serving you again!</i>	Sales Tax (7.5%)	\$317.95
	Balance Due	\$6,479.18

FRANKS Oilfield Service

◆ 815 Main Street Victoria, KS 67671 ◆ 24 Hour Phone (785) 639-7269
 ◆ Office Phone (785) 639-3949 ◆ Email: franksoilfield@yahoo.com

TICKET NUMBER 0909
 LOCATION Haye
 FOREMAN Tom Williams

FIELD TICKET & TREATMENT REPORT CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
4-2-23	35970	Worlescar 4-21	21	7s	22N	Graham
CUSTOMER Sanchell Creek Petroleum LLC.			TRUCK #			
MAILING ADDRESS 3032 N Cortina Street			DRIVER		TRUCK #	
CITY Wichita			DRIVER		TRUCK #	
STATE KS			DRIVER		TRUCK #	
ZIP CODE 67205			DRIVER		TRUCK #	

JOB TYPE Surface HOLE SIZE 12 1/4" HOLE DEPTH 266' CASING SIZE & WEIGHT 8 3/8" 23#
 CASING DEPTH 266' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
 DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Successfully mixing & set up on fracture #1. Circulate made. Mix 1755x surface blend & displaced 15.5 bbl. Shut in 6am
Cement did circulate

Thanks Tom & Jack

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
PC002	1	PUMP CHARGE <u>Surface</u>	\$1150 ⁰⁰	\$1150 ⁰⁰
MA01	42	MILEAGE	\$6 ⁵⁰	\$273 ⁰⁰
MA02	8.58 EARS	Ten Mileage Delivery	\$600 ⁰⁰	\$600 ⁰⁰
CB004	1755x	Class A 3900 2 bag 1	\$25 ⁵⁰	\$4462 ⁵⁰
			sub total	\$6,485 ⁵⁰
			less 5% disc.	\$324 ²⁷
			sub total	\$6,161 ²³
			SALES TAX	317.95
			ESTIMATED TOTAL	6479.18

AUTHORIZATION Levi Bussard TITLE _____ DATE _____

I acknowledge that the payment terms, unless specifically amended in writing on the front of the form or in the customer's account records, at our office, and conditions of service on the back of this form are in effect for services identified on this form.

TERMS

In consideration of the prices to be charged for Franks Oilfield Service (FOS) services, equipment and products and for the performance of services and supplying of materials, Customer agrees to the following terms and conditions.

Terms. Cash in advance unless satisfactory credit is established. On credit sales, invoices are payable within 30 days of the invoice date. On all invoices not paid within 30 days, Customer agrees to pay FOS interest at the rate of 18% per annum or the maximum rate allowed by law, whichever is higher. In the event FOS retains an attorney to pursue collection of any account, Customer agrees to pay all collection costs and attorney's fees incurred by FOS.

Any applicable federal, state or local sales, use occupation, consumer's or emergency taxes shall be added to the quoted price. All process license fees required to be paid to others will be added to the scheduled prices.

All FOS prices are subject to change without notice.

SERVICE CONDITIONS

Customer warrants that the well is in proper condition to receive the services, equipment, products and materials to be supplied by FOS. The Customer shall at all time have complete care, custody, and control of the well, the drilling and production equipment at the well, and the premises about the well. A responsible representative of the Customer shall be present to specify depths, pressures, or materials used for any service which is to be performed.

(a) FOS shall not be responsible for any claim, cause of action or demand (hereinafter referred to as a 'claim') for damage to property, or injury to or death of employees and representatives, of Customer or the well owner (if different from Customer), unless such damage, injury or death is caused by the willful misconduct or gross negligence of FOS, including but not limited to sub-surface damage and surface damage arising from sub-surface damage.

(b) Unless a claim is the result of the sole willful misconduct or gross negligence of FOS, Customer shall be responsible for and indemnify and hold FOS harmless from any claim for: (1) reservoir loss or damage, or property damage resulting from sub-surface pressure, losing control of the well and/or a well blowout; (2) damages as a result of a subsurface trespass, or an action in the nature thereof, arising from a service operation performed by FOS; (3) injury to or death of persons, other than employees of FOS, or damage to property (including, but not limited to, injury to the well), or any damages whatsoever, irrespective of cause, growing out of or in any way connected with the use of radioactive material in the well hold; and (4) well damage or reservoir damage caused by (i) loss of circulation, cement invasion, cement misplacement, pumping cement or cement plugs on wells with loss of circulation, including the failure to displace plug to proper depth, (ii) sub-surface pressure and resulting failure to complete pumping of cement or cement plug, including dehydration of cement slurry or flashing, plugged float shoe, annulus bridging or plugging, or (iii) down hole tools being lost or left in the well, or becoming stuck in the well for any reason and by any cause. FOS may furnish down hole tools and may supply supervision for the running and placement of such tools but will not be liable for any damage, loss or result caused by the use of such tools. Furthermore, Customer will be responsible for the cost to replace such tools if they are lost or left in the well.

(c) FOS makes no guarantee of the effectiveness of any FOS' products, supplies or materials, or the results of any FOS' treatment or services.

(d) Because of the uncertainty of variable well conditions and the necessity of relying on facts and supporting services furnished by others, FOS is unable to guarantee the accuracy of any chart interpretation, research analysis, job recommendation or other data furnished by FOS. FOS' personnel will use their best efforts in gathering such information and their best judgment in interpreting it; but Customer agrees that FOS shall not be responsible for any damage arising from the use of such information except where due to FOS' gross negligence or willful misconduct in the preparation or furnishing of it.

(e) FOS may buy and re-sell to Customer down hole equipment, including but not limited to float equipment, DV tools, port collars, type A & B packers, and Customer agrees that FOS is not an agent or dealer for the companies who manufacture such items, and further agrees that Customer shall be solely responsible for and indemnify FOS against any claim with regard to the effectiveness, malfunction of, or functionality of such items.

WARRANTIES - LIMITATION OF LIABILITY

FOS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED, NOR ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND BEYOND THOSE STATED IN THE IMMEDIATELY PRECEDING SENTENCE. FOS's liability and Customer's exclusive remedy in any claim (whether in contract, tort, breach of warranty or otherwise,) arising out of the sale or use of FOS' products, supplies, materials or services is expressly limited to the replacement of such products, supplies, materials or services or their return to FOS or, at FOS' option, an allowance to Customer of credit for the cost of such items.

Customer waives and releases all claims against FOS for any special, incidental, indirect, consequential or punitive damages.



CEMENT TREATMENT REPORT

Customer: Satchell Creek	Well: Worcester A #4-21	Ticket: WP 4141
City, State: Hill City KS	County: Graham KS	Date: 4/9/2023
Field Rep: Carl Jordan	S-T-R: 21-7S-22W	Service: Longstring

Downhole Information	
Hole Size:	7 7/8 in
Hole Depth:	3955 ft
Casing Size:	5 1/2 in
Casing Depth:	3947 ft
Tubing / Liner:	in
Depth:	ft
Tool / Packer:	Port Collar
Tool Depth:	1926 ft
Displacement:	93.5 bbls

Calculated Slurry - Lead	
Blend:	H-LD
Weight:	14.8 ppg
Water / Sx:	6.5 gal / sx
Yield:	1.51 ft ³ / sx
Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:	3947 ft
Annular Volume:	122.0 bbls
Excess:	
Total Slurry:	59.1 bbls
Total Sacks:	220 sx

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

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
11:30 AM			-	-	Arrived on location
11:35 AM				-	Casing on bottom
11:40 AM				-	Safety meeting
11:50 AM				-	Rigged up
11:59 AM				-	Dropped ball and circulated mud
1:10 PM	4.5	200.0	10.0	10.0	Water ahead
1:13 PM	4.5	250.0	12.0	22.0	Pumped 500 gallons mud flush
1:16 PM	4.5	250.0	10.0	32.0	Water behind
1:20 PM	2.0	100.0	12.6	44.6	Mixed 50 sacks H-Plug A cement @ 13.8 ppg for rat hole plug
1:28 PM	4.0	200.0	59.1	103.7	Mixed 220 sacks H-LD cement @ 14.8 ppg
1:47 PM				103.7	Shut down, loaded plug, cleared pump and lines
1:55 PM	6.5	200.0	83.5		Begin displacement
2:08 PM	3.0	750.0	10.0		Slowed down to 3 bpm 10 bbls to go
2:11 PM		1,650.0			Plug down with 900 landing psi and 1650 bump psi
2:13 PM					Released pressure, plug held with 3/4 bbl back to tank
2:15 PM					Washed up and rigged down
2:45 PM					Left location

CREW			UNIT	SUMMARY		
Cementor:	John		73	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Jose V		208	4.1 bpm	450 psi	197 bbls
Bulk #1:	Allen		194-235			
Bulk #2:						



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
05
2023

DST #1 Formation: Lans "C" Test Interval: 3524 - 3556' Total Depth: 3556'

Time On: 19:17 04/05 Time Off: 01:58 04/06
Time On Bottom: 21:59 04/05 Time Off Bottom: 23:59 04/05

Electronic Volume
Estimate:
104'

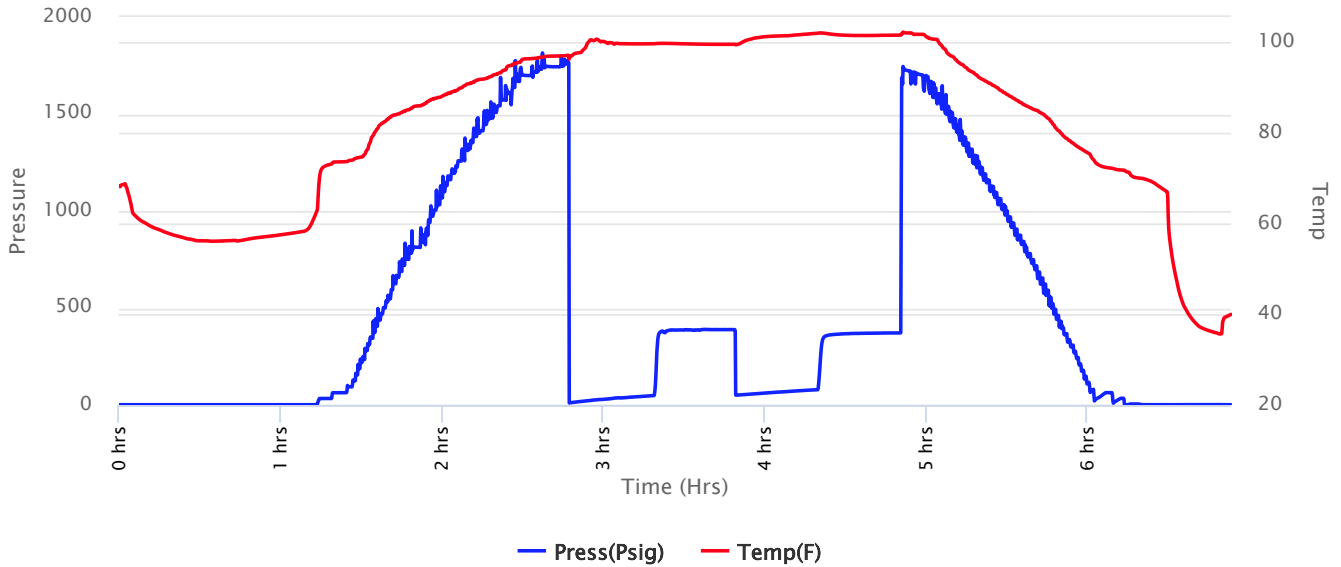
1st Open
Minutes: 30
Current Reading:
4.0" at 30 min
Max Reading: 4.0"

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

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

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

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
05
2023

DST #1 Formation: Lans "C" Test Interval: 3524 - Total Depth: 3556'
3556'

Time On: 19:17 04/05 Time Off: 01:58 04/06
Time On Bottom: 21:59 04/05 Time Off Bottom: 23:59 04/05

Recovered

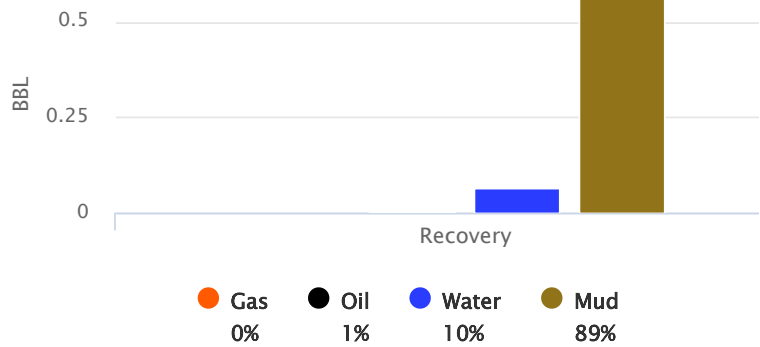
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
15	0.0738	SLOCSLWCM	0	1	10	89
120	0.5904	SLOCSLWCM	0	1	10	89

Total Recovered: 135 ft
Total Barrels Recovered: 0.6642

Reversed Out
NO

Initial Hydrostatic Pressure	1764	PSI
Initial Flow	11 to 48	PSI
Initial Closed in Pressure	389	PSI
Final Flow Pressure	51 to 79	PSI
Final Closed in Pressure	372	PSI
Final Hydrostatic Pressure	1688	PSI
Temperature	102	°F
Pressure Change Initial Close / Final Close	4.4	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
05
2023

DST #1 Formation: Lans "C" Test Interval: 3524 - Total Depth: 3556'
3556'
Time On: 19:17 04/05 Time Off: 01:58 04/06
Time On Bottom: 21:59 04/05 Time Off Bottom: 23:59 04/05

BUCKET MEASUREMENT:

1st Open: Weak, surface blow building to 4 ins.
1st Close: No blow back.
2nd Open: Weak, surface blow. Died in 6 mins.
2nd Close: No blow back.

REMARKS:

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
05
2023

DST #1 Formation: Lans "C" Test Interval: 3524 - Total Depth: 3556'
3556'
Time On: 19:17 04/05 Time Off: 01:58 04/06
Time On Bottom: 21:59 04/05 Time Off Bottom: 23:59 04/05

Down Hole Makeup

Heads Up: 9.82 FT	Packer 1: 3518.5 FT
Drill Pipe: 3318.25 FT <i>ID-3 1/2</i>	Packer 2: 3524 FT
Weight Pipe: FT	Top Recorder: 3507.42 FT
Collars: 182 FT <i>ID-2 1/4</i>	Bottom Recorder: 3527 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 32	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 31 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
05
2023

DST #1 Formation: Lans "C" Test Interval: 3524 - Total Depth: 3556'
3556'
Time On: 19:17 04/05 Time Off: 01:58 04/06
Time On Bottom: 21:59 04/05 Time Off Bottom: 23:59 04/05

Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 54 **Filtrate:** 5.8 **Chlorides:** 900 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
05
2023

DST #1 Formation: Lans "C" Test Interval: 3524 - Total Depth: 3556'
3556'
Time On: 19:17 04/05 Time Off: 01:58 04/06
Time On Bottom: 21:59 04/05 Time Off Bottom: 23:59 04/05

Gas Volume Report

1st Open

2nd Open

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

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

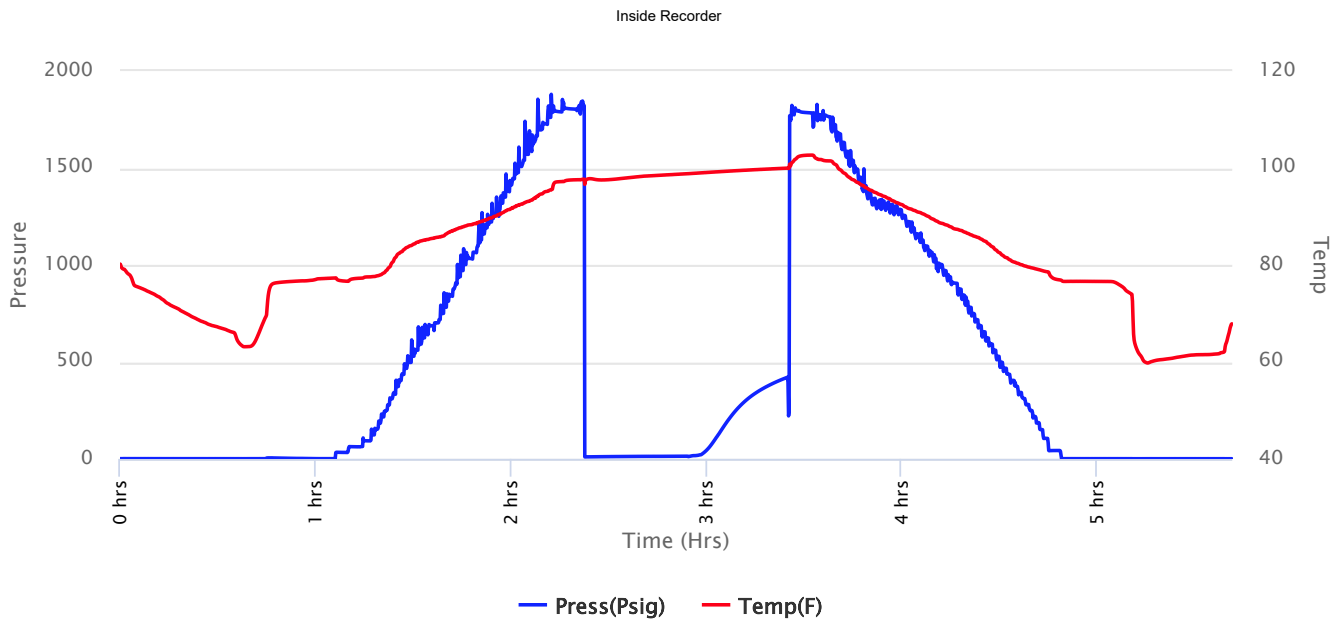
SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
06
2023

DST #2 **Formation: Lans** **Test Interval: 3646 - 3690'** **Total Depth: 3690'**
Time On: 12:02 04/06 Time Off: 17:34 04/06
Time On Bottom: 14:25 04/06 Time Off Bottom: 15:25 04/06

Electronic Volume Estimate: 0'	<u>1st Open</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"	<u>1st Close</u> Minutes: 30 Current Reading: 0" at 30 min Max Reading: 0"	<u>2nd Open</u> N/A	<u>2nd Close</u> N/A
-----------------------------------	---	--	------------------------	-------------------------





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
06
2023

DST #2 **Formation: Lans** **Test Interval: 3646 - 3690'** **Total Depth: 3690'**
Time On: 12:02 04/06 Time Off: 17:34 04/06
Time On Bottom: 14:25 04/06 Time Off Bottom: 15:25 04/06

Recovered

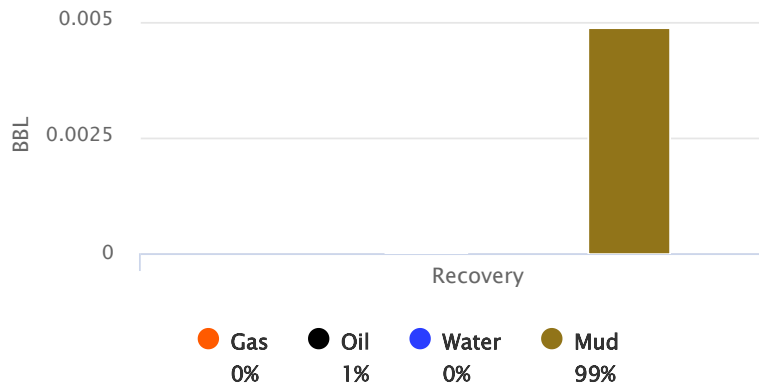
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
1	0.00492	SLOCM	0	1	0	99

Total Recovered: 1 ft
Total Barrels Recovered: 0.00492

Reversed Out
NO

Initial Hydrostatic Pressure	1822	PSI
Initial Flow	11 to 14	PSI
Initial Closed in Pressure	420	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1823	PSI
Temperature	100	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
06
2023

DST #2 Formation: Lans Test Interval: 3646 - Total Depth: 3690'
3690'
Time On: 12:02 04/06 Time Off: 17:34 04/06
Time On Bottom: 14:25 04/06 Time Off Bottom: 15:25 04/06

BUCKET MEASUREMENT:

1st Open: Weak, surface blow. Died in 9 1/2 mins.
1st Close: No blow back.
2nd Open: N/A
2nd Close: N/A

REMARKS:

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
06
2023

DST #2 **Formation: Lans** **Test Interval: 3646 - 3690'** **Total Depth: 3690'**
Time On: 12:02 04/06 Time Off: 17:34 04/06
Time On Bottom: 14:25 04/06 Time Off Bottom: 15:25 04/06

Down Hole Makeup

Heads Up: 12.07 FT	Packer 1: 3640.5 FT
Drill Pipe: 3444.32 FT <i>ID-3 1/2</i>	Packer 2: 3646 FT
Weight Pipe: FT	Top Recorder: 3629.42 FT
Collars: 180.18 FT <i>ID-2 1/4</i>	Bottom Recorder: 3688 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 44	Surface Choke: 1"
Anchor Makeup	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): 8 FT <i>4 1/2-FH</i>	
Change Over: .5 FT	
Drill Pipe: (in anchor): 31 FT <i>ID-3 1/2</i>	
Change Over: .5 FT	
Perforations: (below): 3 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
06
2023

DST #2 **Formation: Lans** **Test Interval: 3646 - 3690'** **Total Depth: 3690'**
Time On: 12:02 04/06 Time Off: 17:34 04/06
Time On Bottom: 14:25 04/06 Time Off Bottom: 15:25 04/06

Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 50 **Filtrate:** 5.8 **Chlorides:** 1,000 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
06
2023

DST #2 Formation: Lans Test Interval: 3646 - Total Depth: 3690'
3690'
Time On: 12:02 04/06 Time Off: 17:34 04/06
Time On Bottom: 14:25 04/06 Time Off Bottom: 15:25 04/06

Gas Volume Report

1st Open

2nd Open

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

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
07
2023

DST #3 Formation: Arbuckle Test Interval: 3818 - 3838' Total Depth: 3838'

Time On: 04:15 04/07 Time Off: 12:41 04/07
Time On Bottom: 07:18 04/07 Time Off Bottom: 09:18 04/07

Electronic Volume
Estimate:
1349'

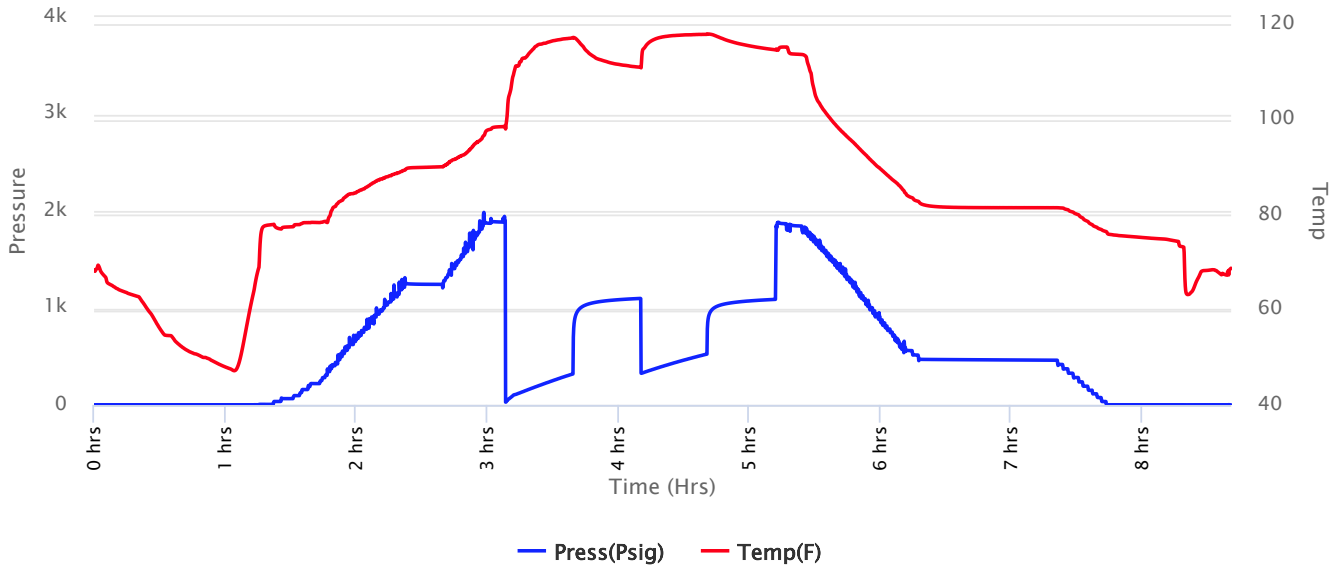
1st Open
Minutes: 30
Current Reading:
72.9" at 30 min
Max Reading: 72.9"

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

2nd Open
Minutes: 30
Current Reading:
64.4" at 30 min
Max Reading: 64.4"

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

Inside Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
07
2023

DST #3 Formation: Arbuckle Test Interval: 3818 - 3838' Total Depth: 3838'

Time On: 04:15 04/07 Time Off: 12:41 04/07
Time On Bottom: 07:18 04/07 Time Off Bottom: 09:18 04/07

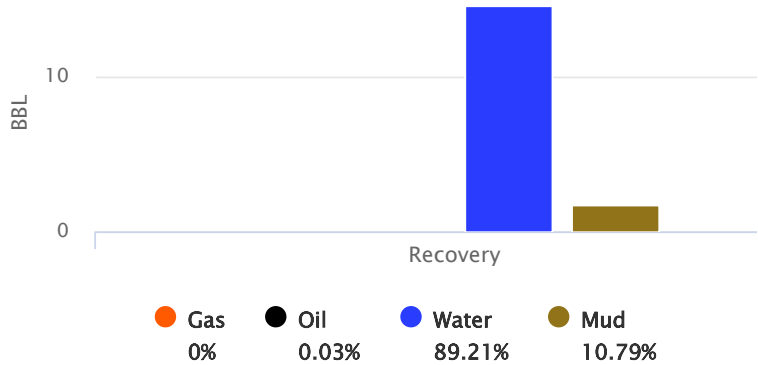
Recovered

Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
30	0.4269	SLOCHWCM	0	1	40	60
186	2.64678	HMCW	0	0	70	30
76	1.08148	SLMCW	0	0	90	10
979	12.2536942	SLMCW	0	0	95	5

Total Recovered: 1271 ft
Total Barrels Recovered: 16.4088542

Reversed Out
NO

Recovery at a glance



Initial Hydrostatic Pressure	1898	PSI
Initial Flow	29 to 320	PSI
Initial Closed in Pressure	1098	PSI
Final Flow Pressure	327 to 524	PSI
Final Closed in Pressure	1089	PSI
Final Hydrostatic Pressure	1850	PSI
Temperature	118	°F
Pressure Change Initial Close / Final Close	0.9	%

GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
07
2023

DST #3 Formation: Arbuckle Test Interval: 3818 - Total Depth: 3838'
3838'

Time On: 04:15 04/07 Time Off: 12:41 04/07
Time On Bottom: 07:18 04/07 Time Off Bottom: 09:18 04/07

BUCKET MEASUREMENT:

1st Open: BOB in 5 mins.
1st Close: No blow back.
2nd Open: BOB in 5 1/2 mins.
2nd Close: No blow back.

REMARKS:

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

Measured RW: .10 @ 65 degrees °F

RW at Formation Temp: 0.058 @ 118 °F

Chlorides: 85,500 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
07
2023

DST #3 Formation: Arbuckle Test Interval: 3818 - Total Depth: 3838'
3838'
Time On: 04:15 04/07 Time Off: 12:41 04/07
Time On Bottom: 07:18 04/07 Time Off Bottom: 09:18 04/07

Down Hole Makeup

Heads Up: 27.95 FT	Packer 1: 3812.5 FT
Drill Pipe: 3632.2 FT <i>ID-3 1/2</i>	Packer 2: 3818 FT
Weight Pipe: FT	Top Recorder: 3801.42 FT
Collars: 180.18 FT <i>ID-2 1/4</i>	Bottom Recorder: 3820 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH</i> <i>Jars</i> <i>Safety Joint</i>	Well Bore Size: 7 7/8
Total Anchor: 20	Surface Choke: 1"
<u>Anchor Makeup</u>	Bottom Choke: 5/8"
Packer Sub: 1 FT	
Perforations: (top): FT <i>4 1/2-FH</i>	
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 19 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
07
2023

DST #3 Formation: Arbuckle Test Interval: 3818 - Total Depth: 3838'
3838'
Time On: 04:15 04/07 Time Off: 12:41 04/07
Time On Bottom: 07:18 04/07 Time Off Bottom: 09:18 04/07

Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 51 **Filtrate:** 6.0 **Chlorides:** 2,500 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
07
2023

DST #3 Formation: Arbuckle Test Interval: 3818 - Total Depth: 3838'
3838'
Time On: 04:15 04/07 Time Off: 12:41 04/07
Time On Bottom: 07:18 04/07 Time Off Bottom: 09:18 04/07

Gas Volume Report

1st Open

2nd Open

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

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #4 Formation: Arbuckle Test Interval: 3812 - 3824' Total Depth: 3955'

Time On: 11:33 04/08 Time Off: 16:55 04/08
Time On Bottom: 14:05 04/08 Time Off Bottom: 14:17 04/08

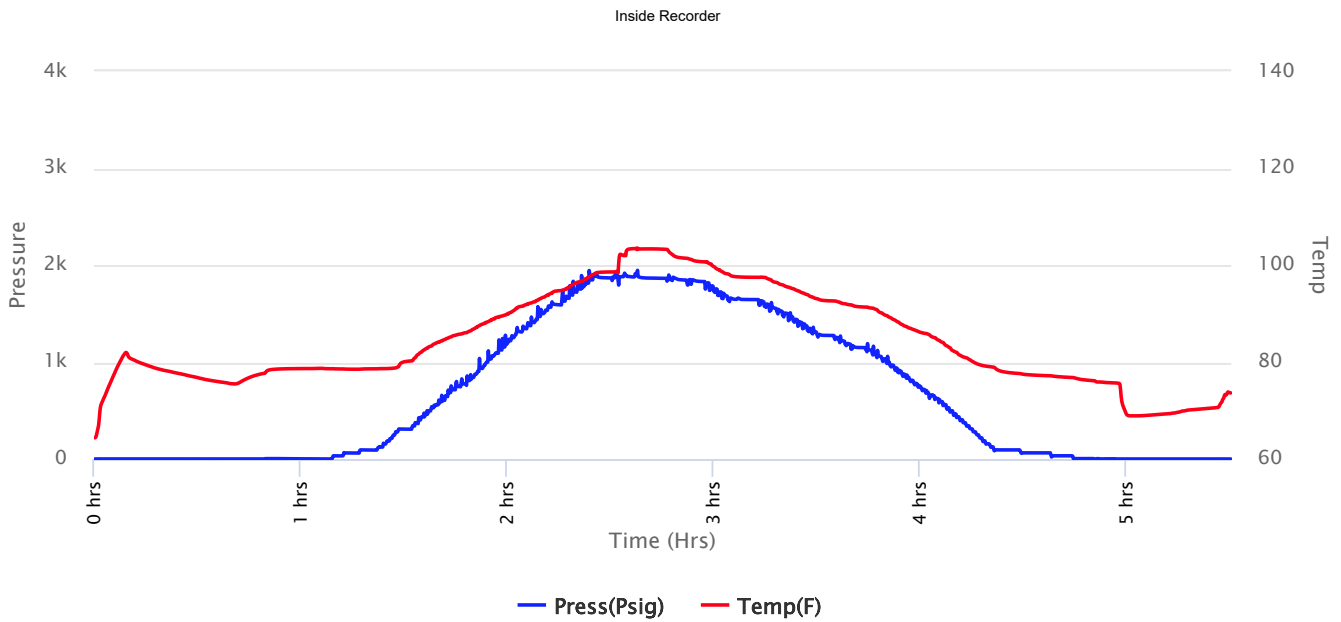
Electronic Volume
Estimate:
0'

1st Open
N/A

1st Close
N/A

2nd Open
N/A

2nd Close
N/A





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #4 **Formation: Arbuckle** **Test Interval: 3812 - 3824'** **Total Depth: 3955'**
Time On: 11:33 04/08 Time Off: 16:55 04/08
Time On Bottom: 14:05 04/08 Time Off Bottom: 14:17 04/08

Recovered

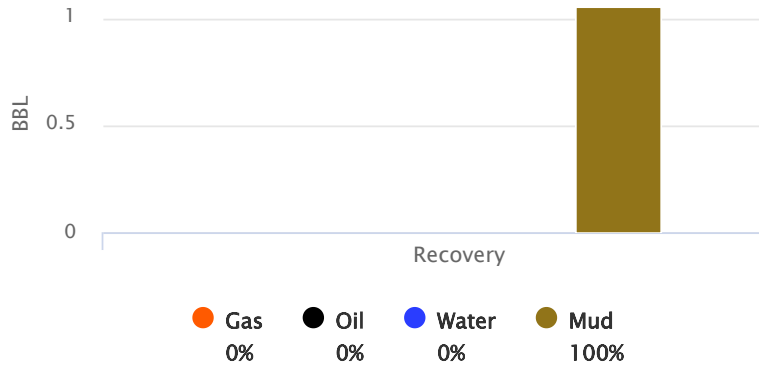
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
192	1.0546842	M	0	0	0	100

Total Recovered: 192 ft
Total Barrels Recovered: 1.0546842

Reversed Out
NO

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 Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #4 Formation: Arbuckle Test Interval: 3812 - 3824' Total Depth: 3955'

Time On: 11:33 04/08 Time Off: 16:55 04/08
Time On Bottom: 14:05 04/08 Time Off Bottom: 14:17 04/08

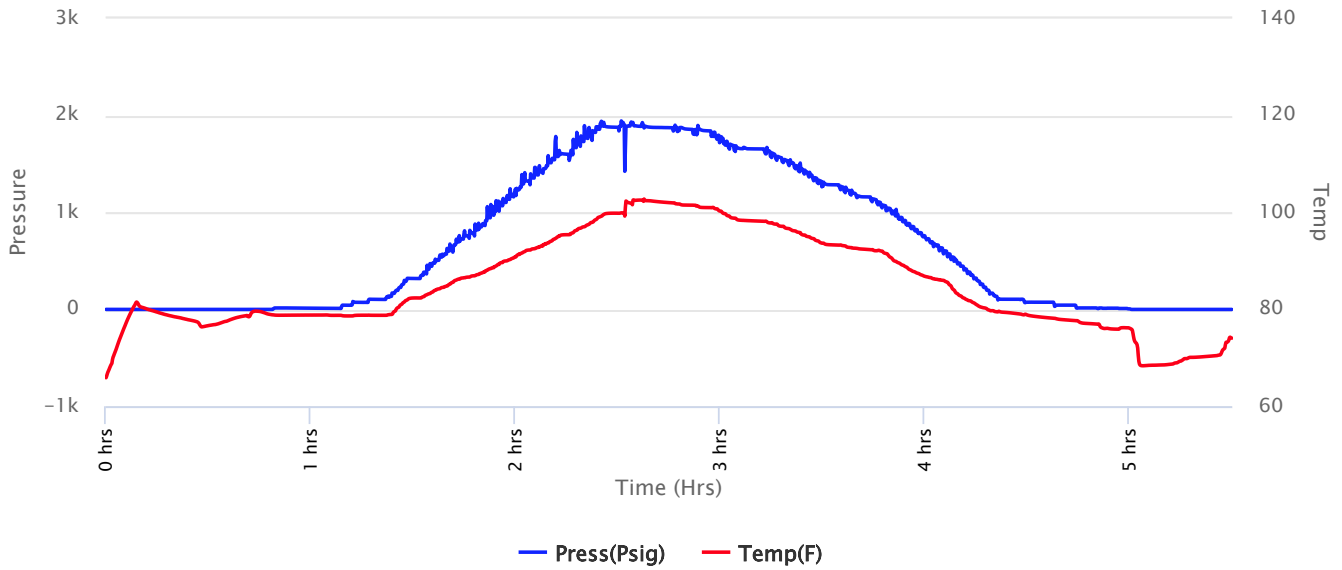
BUCKET MEASUREMENT:

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

REMARKS:

MISRUN!

Below Straddle Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #4 Formation: Arbuckle Test Interval: 3812 - 3824' Total Depth: 3955'

Time On: 11:33 04/08 Time Off: 16:55 04/08
Time On Bottom: 14:05 04/08 Time Off Bottom: 14:17 04/08

Down Hole Makeup

Heads Up: 15.54 FT	Packer 1: 3806.5 FT
Drill Pipe: 3613.79 FT <i>ID-3 1/2</i>	Packer 2: 3812 FT
Weight Pipe: FT	Packer 3: 3824 FT
Collars: 180.18 FT <i>ID-2 1/4</i>	Top Recorder: 3795.42 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Bottom Recorder: 3814 FT
Total Anchor: 12	Below Straddle Recorder: 3939 FT
	Well Bore Size: 7 7/8
	Surface Choke: 1"
	Bottom Choke: 5/8"

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): 11 FT
4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

Change Over: .5 FT

Drill Pipe: 125 FT
ID-3 1/2"

Change Over: .5 FT

Perforations (in tail pipe): 17 FT
4 1/2-FH



Company: Satchell Creek Petroleum, LLC

Lease: Worcester "A" #4-21

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #4 Formation: Arbuckle Test Interval: 3812 - 3824' Total Depth: 3955'

Time On: 11:33 04/08 Time Off: 16:55 04/08
Time On Bottom: 14:05 04/08 Time Off Bottom: 14:17 04/08

Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 50 **Filtrate:** 6.0 **Chlorides:** 2,600 ppm



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #4 Formation: Arbuckle Test Interval: 3812 - 3824' Total Depth: 3955'

Time On: 11:33 04/08 Time Off: 16:55 04/08
Time On Bottom: 14:05 04/08 Time Off Bottom: 14:17 04/08

Gas Volume Report

1st Open

2nd Open

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

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



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #5 Formation: Arbuckle Test Interval: 3768 - 3811' Total Depth: 3955'

Time On: 17:07 04/08 Time Off: 00:12 04/09
Time On Bottom: 20:44 04/08 Time Off Bottom: 21:44 04/08

Electronic Volume
Estimate:
0'

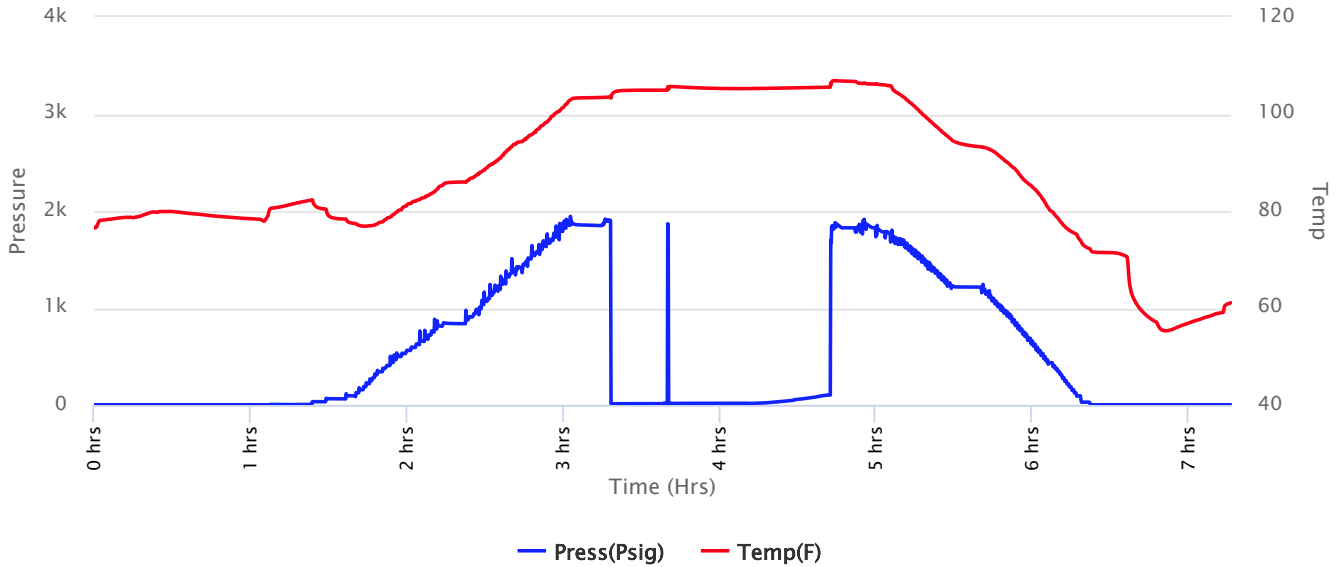
1st Open
Minutes: 30
Current Reading:
0" at 30 min
Max Reading: 0"

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: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #5 Formation: Arbuckle Test Interval: 3768 - 3811' Total Depth: 3955'

Time On: 17:07 04/08 Time Off: 00:12 04/09
Time On Bottom: 20:44 04/08 Time Off Bottom: 21:44 04/08

Recovered

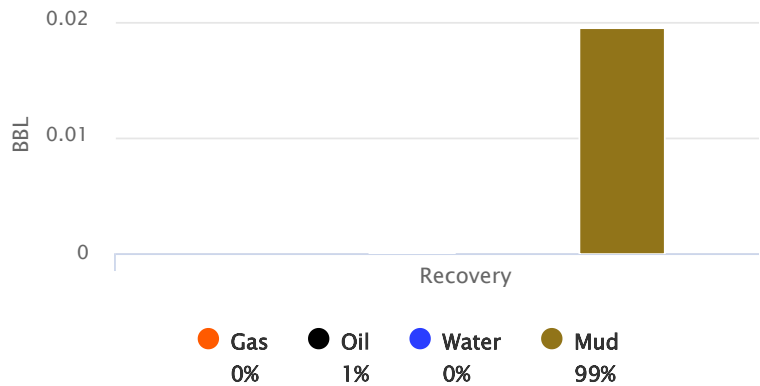
Foot	BBLs	Description of Fluid	Gas %	Oil %	Water %	Mud %
4	0.01968	SLOCM	0	1	0	99

Total Recovered: 4 ft
Total Barrels Recovered: 0.01968

Reversed Out
NO

Initial Hydrostatic Pressure	1898	PSI
Initial Flow	12 to 17	PSI
Initial Closed in Pressure	106	PSI
Final Flow Pressure	0	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1848	PSI
Temperature	106	°F
Pressure Change Initial Close / Final Close	0.0	%

Recovery at a glance



GIP cubic foot volume: 0



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #5 Formation: Arbuckle Test Interval: 3768 - 3811' Total Depth: 3955'

Time On: 17:07 04/08 Time Off: 00:12 04/09
Time On Bottom: 20:44 04/08 Time Off Bottom: 21:44 04/08

BUCKET MEASUREMENT:

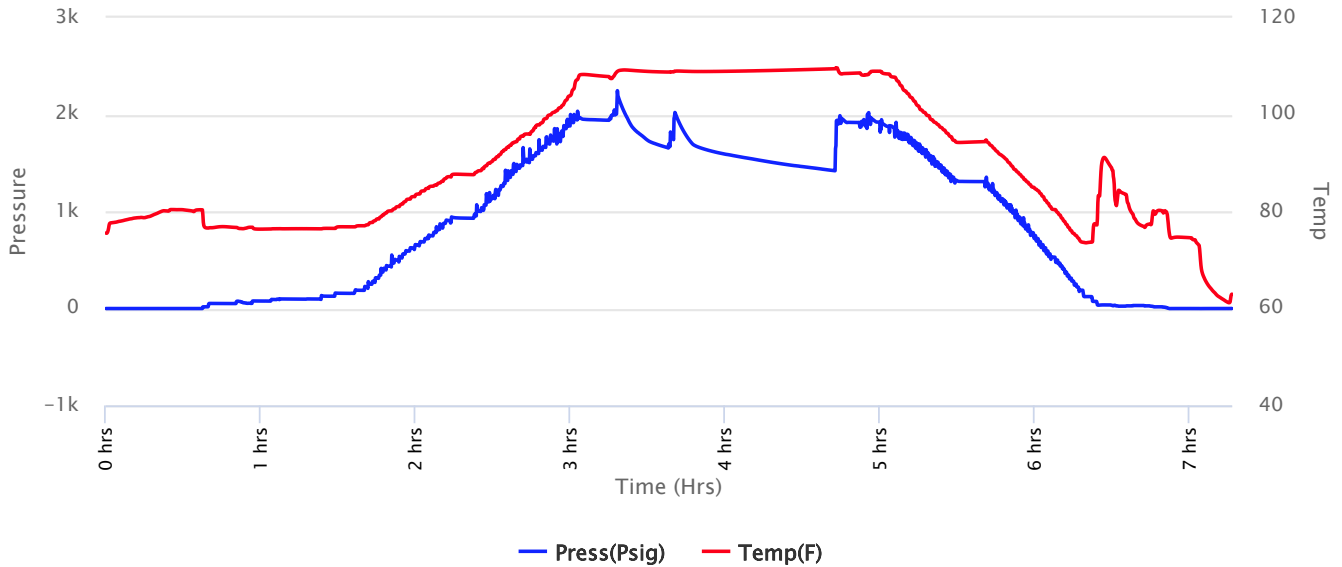
1st Open: Weak, surface blow. Died in 2 mins.
1st Close: No blow back.
2nd Open: N/A
2nd Close: N/A

REMARKS:

Flushed tool 15 mins. after initial blow died. Weak, surface blow. Died in 30 secs.

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

Below Straddle Recorder





**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #5 Formation: Arbuckle Test Interval: 3768 - 3811' Total Depth: 3955'

Time On: 17:07 04/08 Time Off: 00:12 04/09
Time On Bottom: 20:44 04/08 Time Off Bottom: 21:44 04/08

Down Hole Makeup

Heads Up: 15.91 FT	Packer 1: 3762.5 FT
Drill Pipe: 3570.16 FT <i>ID-3 1/2</i>	Packer 2: 3768 FT
Weight Pipe: FT	Packer 3: 3811 FT
Collars: 180.18 FT <i>ID-2 1/4</i>	Top Recorder: 3751.42 FT
Test Tool: 34.57 FT <i>ID-3 1/2-FH Jars Safety Joint</i>	Bottom Recorder: 3770 FT
Total Anchor: 43	Below Straddle Recorder: 3939 FT
<u>Anchor Makeup</u>	Well Bore Size: 7 7/8
Packer Sub: 1 FT	Surface Choke: 1"
Perforations: (top): FT <i>4 1/2-FH</i>	Bottom Choke: 5/8"
Change Over: FT	
Drill Pipe: (in anchor): FT <i>ID-3 1/2</i>	
Change Over: FT	
Perforations: (below): 42 FT <i>4 1/2-FH</i>	
<u>STRADDLE</u>	
Straddle Packer(s): 1 FT	
Change Over: .5 FT	
Drill Pipe: 125 FT <i>ID-3 1/2"</i>	
Change Over: .5 FT	
Perforations (in tail pipe): 17 FT <i>4 1/2-FH</i>	



**Company: Satchell Creek
Petroleum, LLC
Lease: Worcester "A" #4-21**

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation:
Well Complete

DATE
April
08
2023

DST #5 Formation: Arbuckle Test Interval: 3768 - Total Depth: 3955'
3811'
Time On: 17:07 04/08 Time Off: 00:12 04/09
Time On Bottom: 20:44 04/08 Time Off Bottom: 21:44 04/08

Mud Properties

Mud Type: Chemical **Weight:** 9.4 **Viscosity:** 50 **Filtrate:** 6.0 **Chlorides:** 2,600 ppm



Company: Satchell Creek

Petroleum, LLC

Lease: Worcester "A" #4-21

SEC: 21 TWN: 7S RNG: 22W
County: GRAHAM
State: Kansas
Drilling Contractor: Feature Drilling
LLC - Rig 2
Elevation: 2266 EGL
Field Name: Alda South
Pool: Infield
Job Number: 645
API #: 15-065-24232

Operation: Well Complete

DATE April 08 2023

DST #5 Formation: Arbuckle Test Interval: 3768 - 3811' Total Depth: 3955'

Time On: 17:07 04/08 Time Off: 00:12 04/09
Time On Bottom: 20:44 04/08 Time Off Bottom: 21:44 04/08

Gas Volume Report

1st Open

2nd Open

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

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



Conservation Division
266 N. Main St., Ste. 220
Wichita, KS 67202-1513

Phone: 316-337-6200
Fax: 316-337-6211
<http://kcc.ks.gov/>

Susan K. Duffy, Chair
Dwight D. Keen, Commissioner
Andrew J. French, Commissioner

Laura Kelly, Governor

August 01, 2023

Michael J. Hopson
Satchell Creek Petroleum, LLC
3032 N CORTINA STREET
WICHITA, KS 67205-7536

Re: ACO-1
API 15-065-24232-00-00
WORCESTER A 4-21
NE/4 Sec.21-07S-22W
Graham County, Kansas

Dear Michael J. Hopson:

K.A.R. 82-3-107 provides for all completion information to be filed within 120 days of the spud date. Subsection(e)(2) of that regulation states "All rights to confidentiality shall be lost if the filings are not timely."

The above referenced well was spudded on 3/29/2023 and the ACO-1 was received on July 28, 2023 (not within the 120 days timely requirement).

Therefore, your request for confidential treatment of data contained within the ACO-1 filing cannot be granted at this time.

If you should have any questions, please do not hesitate to contact me at (316)337-6200.

Sincerely,

Production Department



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

Customer:
 SATCHELL CREEK
 C/O FEATURE DRILLING LLC
 4320 VINE ST PMB 386
 HAYS, KS 67601

Invoice Date: 6/15/2023
 Invoice #: 0369217
 Lease Name: Worcester 'A'
 Well #: 4 (New)
 County: Graham, Ks
 Job Number: WP4404
 District: Pratt

Date/Description	HRS/QTY	Rate	Total
Raise Cement	0.000	0.000	0.00
Cement Class A	450.000	20.000	9,000.00
Calcium Chloride	100.000	0.750	75.00
Light Eq Mileage	30.000	2.000	60.00
Heavy Eq Mileage	150.000	4.000	600.00
Ton Mileage	3,173.000	1.500	4,759.50
Cement Blending & Mixing	450.000	1.400	630.00
Depth Charge 1001'-2000'	1.000	1,500.000	1,500.00
Cement Data Acquisition	1.000	250.000	250.00
Service Supervisor	1.000	275.000	275.00

Total 17,149.50

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

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

WE APPRECIATE YOUR BUSINESS!



Customer	SATCHEL CREEK			Lease & Well #	WORCESTER A-4		6/15/2023	
Service District	PRATT			County & State	GRAHAM KS		Legals S/T/R	
Job Type	RAISE CEMENT			<input checked="" type="checkbox"/> PROD <input type="checkbox"/> INJ <input type="checkbox"/> SWD	New Well?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> No	Job #	
Equipment #	Driver							Ticket #

Equipment #	Driver	Job Safety Analysis - A Discussion of Hazards & Safety Procedures					
912	MATTAL	<input checked="" type="checkbox"/> Hard hat	<input checked="" type="checkbox"/> Gloves	<input type="checkbox"/> Lockout/Tagout	<input type="checkbox"/> Warning Signs & Flagging		
179/521	CLIFTON	<input checked="" type="checkbox"/> H2S Monitor	<input checked="" type="checkbox"/> Eye Protection	<input type="checkbox"/> Required Permits	<input type="checkbox"/> Fall Protection		
182/534	JULIAN	<input checked="" type="checkbox"/> Safety Footwear	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Slip/Trip/Fall Hazards	<input type="checkbox"/> Specific Job Sequence/Expectations		
		<input checked="" type="checkbox"/> FRC/Protective Clothing	<input type="checkbox"/> Additional Chemical/Acid PPE	<input type="checkbox"/> Overhead Hazards	<input type="checkbox"/> Muster Point/Medical Locations		
		<input type="checkbox"/> Hearing Protection	<input type="checkbox"/> Fire Extinguisher	<input type="checkbox"/> Additional concerns or issues noted below			

Comments							

Product/ Service Code	Description	Unit of Measure	Quantity			Net Amount
CP010	Class A Cement	sack	450.00			\$9,000.00
CP100	Calcium Chloride	lb	100.00			\$75.00
MD015	Light Equipment Mileage	mi	30.00			\$60.00
MD010	Heavy Equipment Mileage	mi	150.00			\$600.00
MD20	Ton Mileage	tm	3,173.00			\$4,759.50
C050	Cement Blending & Mixing Service	sack	450.00			\$630.00
D012	Depth Charge: 1001'-2000'	job	1.00			\$1,500.00
C035	Cement Data Acquisition	job	1.00			\$250.00
R061	Service Supervisor	day	1.00			\$275.00

Customer Section: On the following scale how would you rate Hurricane Services Inc.?			Net:	\$17,149.50						
		Total Taxable	\$ -	Tax Rate:						
Based on this job, how likely is it you would recommend HSI to a colleague?		State tax laws deem certain products and services used on new wells to be sales tax exempt. Hurricane Services relies on the customer provided well information above to make a determination if services and/or products are tax exempt.		Sale Tax:	\$ -					
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Extremely Likely
Unlikely	1	2	3	4	5	6	7	8	9	10
		Total:	\$	17,149.50						
HSI Representative: <i>Mike Mattal</i>										

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

X _____ **CUSTOMER AUTHORIZATION SIGNATURE**



CEMENT TREATMENT REPORT

Customer:	SATCHEL CREEK	Well:	WORCESTER A-4-21	Ticket:	WP4404
City, State:	HILL CITY KS	County:	GRAHAM KS	Date:	6/15/2023
Field Rep:		S-T-R:		Service:	RAISE CEMENT

Downhole Information	
Hole Size:	in
Hole Depth:	ft
Casing Size:	5 1/2 in
Casing Depth:	ft
Tubing / Liner:	2 3/8 in
Depth:	ft
Tool / Packer:	
Tool Depth:	ft
Displacement:	bbbls

Calculated Slurry - Lead	
Blend:	CLASS A
Weight:	15.6 ppg
Water / Sx:	gal / sx
Yield:	ft ³ / sx
Annular Bbls / Ft.:	bbs / ft.
Depth:	ft
Annular Volume:	0.0 bbls
Excess:	
Total Slurry:	96.0 bbls
Total Sacks:	450 sx

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

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
8:00 AM			-	-	ON LOCATION
				-	PERFS AT 950'
10:10 AM			2.6	2.6	SPOT SAND AT 1200'
11:13 AM	5.0	40.0		2.6	PUMP POLYMER
11:15 AM	5.0	500.0	9.0	11.6	LOADED
11:27 AM			65.0	76.6	POLYMER IN
11:27 AM	50.0	500.0		76.6	PUMP MUD
			42.0	118.6	SMALL AMOUNT OF CIRCULATION
11:44 AM			80.0	198.6	MUD IN
11:44 AM	2.7	250.0	5.0	203.6	PUMP 5 BBL WATER
11:46 AM	4.0	300.0	48.0	251.6	MIX 225 SKS CLASS A
				251.6	WAIT 20 MINUTES
12:26 PM	3.3	250.0	38.0	289.6	MIX 180 SKS CLASS A
12:42 PM	1.4	150.0	10.0	299.6	MIX 45 SKS CLASS A WITH 2% CALCIUM CHLORIDE
				299.6	DO NOT WASH PUMP AND LINE PER COMPANY REP
12:48 PM	3.0	320.0		299.6	START DISPLACEMENT, MODERATE RETURNS
12:52 PM	2.8	400.0	10.0	309.6	
12:54 PM	2.7	420.0	15.0	324.6	LOST RETURNS, COOD RETURNS JUST PRIOR TO LOOSING THEM
12:56 PM		300.0	20.0	344.6	SHUT IN WELL
					NO CEMENT TO SURFACE
					-
					-
					-
					-
					JOB COMPLETE, THANK YOU!
					MIKE MATTAL
					SCOTTY, AUSTIN & KENNY

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	912	Average Rate	Average Pressure	Total Fluid
Pump Operator:	CLIFTON	179/521	8.0 bpm	312 psi	345 bbls
Bulk #1:	JULIAN	182/534			
Bulk #2:					

SATCHEL CREEK
WORCESTER A-4

