KOLAR Document ID: 1717315

Confiden	tiality Re	quested:
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	
WELL HISTORY - DESCRIPTION OF WELL & LEASE	

OPERATOR: License #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from Dorth / South Line of Section
City: State: Zip:+	Feet from East / West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	
CONTRACTOR: License #	GPS Location: Lat:, Long:, (e.gxxx.xxxxx)
Name:	Datum: NAD27 NAD83 WGS84
Wellsite Geologist:	County:
Purchaser:	Lease Name: Well #:
Designate Type of Completion:	
New Well Re-Entry Workover	Field Name:
	Producing Formation:
🗌 Gas 🗌 DH 🔄 EOR	Elevation: Ground: Kelly Bushing:
🗌 OG 🔤 GSW	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used? Yes No
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to:w/sx cmt.
Original Comp. Date: Original Total Depth:	
Deepening Re-perf. Conv. to EOR Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Commingled Permit #: Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R East West
Recompletion Date Recompletion Date	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:			

KOLAR Document ID: 1717315

Operator Name:	Lease Name: Well #:
Sec TwpS. R East 🗌 West	County:

Page Two

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 (Attach Additional Sh	acate)	Y	′es 🗌 No			og Formatio	n (Top), Depth a	and Datum	Sample
Samples Sent to Geolo			⁄es 🗌 No	1	Name	Э		Тор	Datum
Cores Taken Electric Log Run Geologist Report / Mud List All E. Logs Run:		□ Y □ Y	Yes ☐ No Yes ☐ No Yes ☐ No						
		Rep	CASING ort all strings set-c] Ne	w Used rmediate, productio	on. etc.		
Purpose of String	Size Hole Drilled	Siz	ze Casing et (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
[ADDITIONAL	CEMENTING /	SQU	EEZE RECORD			
Purpose:	Depth Top Bottom	Туре	e of Cement	# Sacks Use	d		Type and Percent Additives		
Protect Casing Plug Back TD Plug Off Zone									
 Did you perform a hydra Does the volume of the Was the hydraulic fracture 	total base fluid of the	hydraulic fr	acturing treatment		-	☐ Yes ns? ☐ Yes ☐ Yes	No (If No, s	kip questions 2 ar kip question 3) ill out Page Three	
Date of first Production/Inj Injection:	jection or Resumed Pr	oduction/	Producing Meth	iod:		Gas Lift 🗌 O	ther <i>(Explain)</i>		
Estimated Production Per 24 Hours	Oil	Bbls.	Gas	Mcf	Wate	er Bb	ls.	Gas-Oil Ratio	Gravity
DISPOSITIO	N OF GAS:		Ν	IETHOD OF COM	MPLE	TION:		PRODUCTIC Top	DN INTERVAL: Bottom
Vented Sold (If vented, Subn	Used on Lease		Open Hole		-	·	nit ACO-4)	юр	Bollom
TUBING RECORD:	Size:	Set At:		Packer At:					

Form	ACO1 - Well Completion			
Operator	Satchell Creek Petroleum, LLC			
Well Name	WORCESTER A 3-21			
Doc ID	1717315			

All Electric Logs Run

DUCP	
DIL	
MEL	
BHCS	

Form	ACO1 - Well Completion		
Operator	Satchell Creek Petroleum, LLC		
Well Name	WORCESTER A 3-21		
Doc ID	1717315		

Perforations

Shots Per Foot	Perforation Top	Perforation Bottom	BridgePlugTyp e	BridgePlugSet At	Material Record
4	3644	3652			500 gal; 15% HCI
4	3466	3470			500 gal; 15% HCI
4	3499	3504			500 gal; 15% HCI
4	3516	3519			500 gal; 15% HCI
4	3538	3542			500 gal; 15% HCI
4	3549	3552			500 gal; 15% HCI

Form	ACO1 - Well Completion		
Operator	Satchell Creek Petroleum, LLC		
Well Name	WORCESTER A 3-21		
Doc ID	1717315		

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement	Number of Sacks Used	Type and Percent Additives
Surface	12.25	8.625	23	266	class H	175	2% gel; 3% cc
Production	7.875	5.5	15	3762	class H- LD		50% F; .1% FL; 3% salt
Production	7.875	5.5	15	1846	class H- Con	450	50% F; .1%; FL; 3% salt



Invoice

Date	Invoice #			
2/20/2023	0870			
Remit P 416 Main Stra Victoria Billing Questic (785)	om this Invoice. Payment to: eet PO BOX 225 , KS 67671 ons-Call Tianna at 639-3949 Ifield@yahoo.com			
	ense Number 5469			

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

Bill To

	County/State	Lea	ise/Well#		Terms	Job Type
	Graham County, KS	Worce	ester A 3-21		Net 30	Surface
Description		Quantity		Rate	Amount	
Pump Charge Mileage 8.58 tons at 47 miles Surface Blend Salt Sugar Standby time - per employee after 4 hours			4	1 47 03.26 175 100 28 8	1,500.0 6.5 1.5 25.5 0.5 2.0 100.0	0 305.50 0 604.89 0 4,462.50 0 50.00 0 56.00

Accounts Due Net 10th. 1-1/2% Per Month on all Past Due Accounts. 18% Annual Rate.	Subtotal	\$7,778.89
We appreciate your business and look	Sales Tax (7.5%)	\$402.64
forward to serving you again!	Balance Due	\$8,181.53

FRANKS Oilfield Service ♦ 815 Main Street Victoria, KS 67671 ♦ 24 Hour Phone (785) 639-7269

TICKET NUMBER 0870

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			d@yahoo.com	FOREMAN	lam (11	cm3
		FIELD TICKET & TI	REATMENT REP	PORT		
DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
	1.100	cester A 3.	-71			
USTOMER						Sec. 1
	Satuhell Crea	ek	TRUCK #	DRIVER	TRUCK #	DRIVER
	_00		103	TomW		
CITY	STATE	ZIP CODE	201	JackT		
	on the					
	LIQUE O	IZE HOLE	2/1'			
	A /					
		YIPE TUBIN Y VOL WATEF				1.4
		CEMENT PSI MIX PS				
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ACCOUNT	QUANTITY or UNITS	S DESCRIPT			T	
CODE			ION OT SERVICES OF PRI	ODUCT	LINIT PRICE	ΤΟΤΑΙ
			TON of SERVICES or PR	ODUCT	UNIT PRICE	TOTAL
PLars	l	PUMP CHARGE	Surfac		4150000	\$150000
Pcars marl	47	PUMP CHARGE	Surfac		4150000	\$150000
PCOFS MOOI MOO2	47 5.5820,	PUMP CHARGE MILEAGE ns Ton M: here	E Dyliwory		4150000 \$1,500 \$1,500 \$1,004 \$9	\$150000 \$305 50 \$1054 89
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Pcars mor Mor CB004 CP005 CP018	47 5.5820, 1755K 100105 28165	PUMP CHARGE MILEAGE ns Tan Mi heog L)455 A 399 56/4 Bangar	E Dyliwory	(41500°0 \$1,500°0 \$1,004 89 \$25 50 \$.50 \$.50 \$2.00	\$1500 °° \$305 °° \$404 89 \$44422 ° \$50 °° \$52 °°
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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. . . t

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

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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.

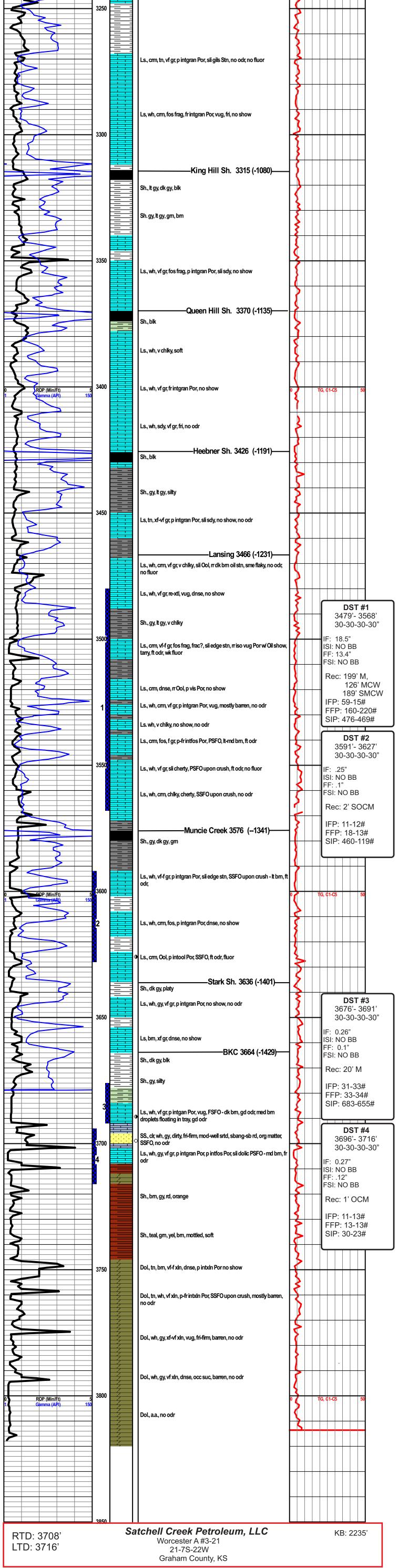
WARRANTIES - LIMITATION OF LIABILITY

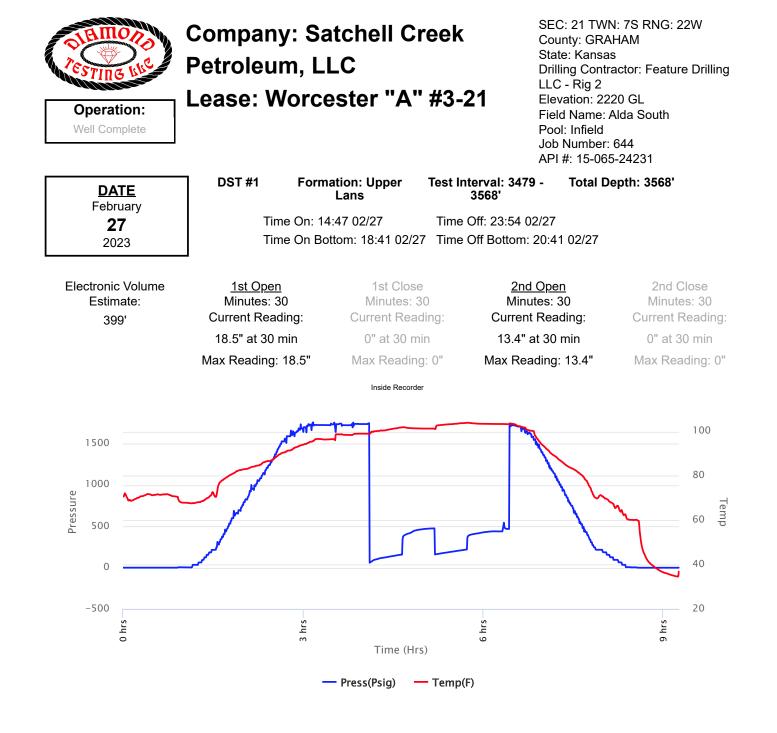
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FOS warrants title to the products, supplies and materials, and that the same are free from defects in workmanship and materials. THERE ARE NO OTHER WARRANTIES EXPRESS OR IMPLIED; NOR ANY WARRAN-TY OF MERCHANTABILITY OR FITNESS FOR PURPOSE WHICH EXTEND 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.

Heebner Sh. 3426 (-1191) Lansing 3466 (-1231) Stark Shale 3636 (-1401) BKC 3664 (-1429) Optimized 3664 (-1429) Image: Stark Shale 3664 (-1429) Image: Stark Shale 3664 (-11429) Image: Stark Shale 3664 (-1429) Image: Stark Shale 1 Image: Stark Shale 21 Image: Stark Shale 1 Image: Stark Shale 21 Image: Stark Shale 1 Image: Stark Shale 1 Image: Stark Shale 21 Image: Stark Shale 1 Image: Stark Shale 1 <th>Formation Sample Tops E-log Tops Struct</th> <th>GEOLOGICAL SUPERVISION FROM 3100 MIC/SON REFERENCE WELL MIC/SON</th> <th></th> <th>TO RTD</th> <th>SAMPLES SAVED FROM 3100' TO RTD PRODUCTION 5.5"</th> <th>MUD UP 3100' TYPE MUD Chemical SURFACE 8-5/8" at 263'</th> <th>3708' LTD 3716'</th> <th>SPUD 2/19/23 COMP 3/2/23 From Kelly Bushing</th> <th>raham STATE Kansas</th> <th>21</th> <th>FION 60</th> <th>Wildcat</th> <th>Worcester A #3-21</th> <th>COMPANY Satchell Creek Petroleum, LLC ELEVATIONS</th> <th>DRILLING TIME AND SAMPLE LOG</th> <th>GEOLOGIST'S REPORT</th> <th></th> <th>-065-2 Petroleum Geologist</th> <th>Sean Deenihan</th>	Formation Sample Tops E-log Tops Struct	GEOLOGICAL SUPERVISION FROM 3100 MIC/SON REFERENCE WELL MIC/SON		TO RTD	SAMPLES SAVED FROM 3100' TO RTD PRODUCTION 5.5"	MUD UP 3100' TYPE MUD Chemical SURFACE 8-5/8" at 263'	3708' LTD 3716'	SPUD 2/19/23 COMP 3/2/23 From Kelly Bushing	raham STATE Kansas	21	FION 60	Wildcat	Worcester A #3-21	COMPANY Satchell Creek Petroleum, LLC ELEVATIONS	DRILLING TIME AND SAMPLE LOG	GEOLOGIST'S REPORT		-065-2 Petroleum Geologist	Sean Deenihan
REMARKS The Wor The deci KB Eleva	sion	was m	ad	e to c	omp	lete	this	well	for c	omr	ner Resp	cial ectf	oil	Sub		ed,		essur	e
Curve Track 1 ROP (Min/Ft) Gamma (API)	MD	Lithology	Oil Shows		(Geolo	gical I	Descri	iption	S				TG (L C2 (u C3 (u C4 (u	ngine Jnits) nits) nits) nits) nits)		Data		
0 Camme (API) 5 Camme (API) 5 5 5 5 5 5 5 5 5 5 5 5 5	3150		Ls	n., gy, dk g s., wh, chll s., wh, cm	ky soft				eka 3	220 (- 9 85)				3, C1-C5			





resting the	Company: Petroleum, Lease: Wor	LLC		Cour State Drilli LLC Elev Field Pool Job	2: 21 TWN: 7S R nty: GRAHAM e: Kansas ng Contractor: F - Rig 2 ration: 2220 GL d Name: Alda So l: Infield Number: 644 #: 15-065-24231	eature Drilling
DATE	DST #1 Fo	ormation: Upper Lans	Test Interv 356		Total Depth: 3	568'
February	T			-		
27		n: 14:47 02/27 n Bottom: 18:41 02		23:54 02/27 3ottom: 20:41	02/27	
2023		1 Dottom. 10.41 02		50110111. 20.41	02/21	
<u>Recovered</u>						
Foot BBLS	<u>Descriptic</u>	on of Fluid	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
199 2.8317	7 1	Λ	0	0	0	100
126 1.7929	98 MC	CW	0	0	80	20
189 0.99523	62 SLM	1CW	0	0	99	1
Total Recovered: 51 Total Barrels Recove		Reversed Out NO		Recovery	y at a glance	
Initial Hydrostatic Pres	sure 1738	PSI	2			_
Initial I		PSI	BBL			
Initial Closed in Press	sure 476	PSI				
Final Flow Pres	sure 160 to 220	PSI				
Final Closed in Pres	sure 469	PSI	0		Recover	V
Final Hydrostatic Pres	sure 1727	PSI				1
Tempera	ature 104	°F		● Gas ● 0%	Oil • Water 0% 43.059	Mud 6 56.95%
Pressure Change I		%	GIP cubic foot	volume [.] 0		
Close / Final C	1026					

Coperation: Well Complete	Petroleu	y: Satchell C m, LLC Vorcester "A'	геек ' #3-21	Cour State Drillin LLC Eleva Field Pool Job I	: 21 TWN: 7S RNG: 22W hty: GRAHAM e: Kansas ng Contractor: Feature Drilling - Rig 2 ation: 2220 GL I Name: Alda South : Infield Number: 644 #: 15-065-24231
DATE February	DST #1	Formation: Upper Lans	Test Interval: 3479 3568'	-	Total Depth: 3568'
27 2023		ne On: 14:47 02/27 ne On Bottom: 18:41 02/2	Time Off: 23:54 02 7 Time Off Bottom: 2	· — ·	02/27

BUCKET MEASUREMENT:

1st Open: 1/2 in. blow building. BOB in 17 1/4 mins. 1st Close: No blow back. 2nd Open: 3/4 in. blow building. BOB in 26 mins. 2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 2% Oil 95% Water 3% Mud

Ph: 7

Measured RW: .9 @ 48 degrees °F

RW at Formation Temp: 0.445 @ 104 °F

Chlorides: 40,000 ppm



Operation: Well Complete

Company: Satchell Creek Petroleum, LLC

Lease: Worcester "A" #3-21

SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231

Total Depth: 3568'

DAT Februa	
27 2023	-

DST #1 Formation: Upper Test Interval: 3479 -Lans Time On: 14:47 02/27

3568' Time Off: 23:54 02/27

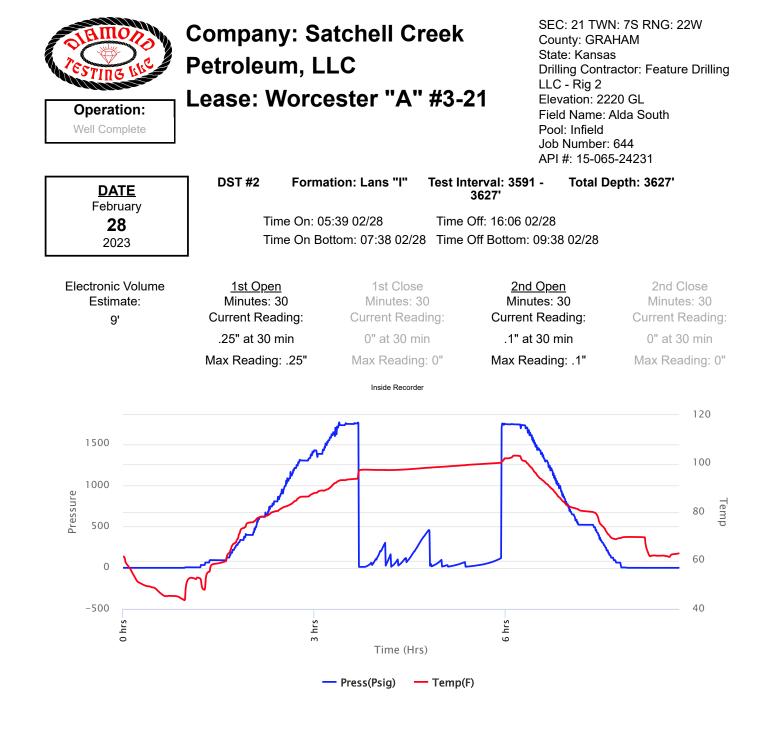
Time On Bottom: 18:41 02/27 Time Off Bottom: 20:41 02/27

Heads Up:	33.32 FT	Packer 1:	3473.13 FT
Drill Pipe:	3296.4 FT	Packer 2:	3478.63 FT
ID-3 1/2		Top Recorder:	3462.05 FT
Weight Pipe:	FT	Bottom Recorder:	3546 FT
Collars:	181.98 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	34.57 FT	Bottom Choke:	5/8"
Jars		2	0,0
Safety Joint			
Total Anchor:	89.37		
	<u>Makeup</u>		
Packer Sub:	1 FT		
Perforations: (top): 4 1/2-FH	1 FT		
Change Over:	1 FT		
Drill Pipe: (in anchor): ID-3 1/2	62.37 FT		
Change Over:	1 FT		
Perforations: (below): 4 1/2-FH	23 FT		

Operation: Well Complete	Petroleu	y: Satchell Cr m, LLC /orcester "A"		County: GR State: Kans	as tractor: Feature Drilling 220 GL : Alda South r: 644
DATE February	DST #1	Formation: Upper Lans	Test Interval: 3479 3568'	- Total I	Depth: 3568'
27	Tim	ne On: 14:47 02/27	Time Off: 23:54 0	2/27	
2023	Tim	ne On Bottom: 18:41 02/27	Time Off Bottom:	20:41 02/27	
	_	Mud Prope	rties		
Mud Type: Chemical	Weight: 9.3	Viscosity: 38	Filtrate: 8.8	i	Chlorides: 4,000 ppm

Operation: Well Complete	Petroleur	v: Satchell C n, LLC orcester "A'	rеек ' #3-21	SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231
DATE February	DST #1	Formation: Upper Lans	Test Interval: 3479 - 3568'	- Total Depth: 3568'
27	Time	e On: 14:47 02/27	Time Off: 23:54 02/	/27
2023	Time	e On Bottom: 18:41 02/2	7 Time Off Bottom: 2	0:41 02/27
	_	Gas Volume	Report	

	1st Op	ben		2nd Open				
Time	Orifice	PSI	MCF/D	Time	Orifice	PSI	MCF/D	



Company: Satchell Creek Petroleum, LLC Lease: Worcester "A" #3-21SEC: 21 TWN: 7S RNG: 2 County: GRAHAM State: Kansas Drilling Contractor: Featur LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231	
DST #2 Formation: Lans "I" Test Interval: 3591 - Total Depth: 3627' 3627'	
February Time On: 05:39 02/28 Time Off: 16:06 02/28	
28 Time On: 05:39 02/28 Time Off: 16:06 02/28 2023 Time On Bottom: 07:38 02/28 Time Off Bottom: 09:38 02/28	
Recovered	1
Foot BBLS Description of Fluid Gas % Oil % Water % M 2 0.00984 SLOCM 0 1 0	<u>/lud %</u> 99
	55
Total Recovered: 2 ft Reversed Out Reversed Out Recovery at a glance	
NO 0.01	
Initial Hydrostatic Pressure 1754 PSI	
Initial Closed in Pressure 460 PSI Final Flow Pressure 18 to 13 PSI	
Final Closed in Pressure 119 PSI	
Final Hydrostatic Pressure 1751 PSI	
Temperature 100 °F Gas Oil Vater	Mud
0% 1% 0%	99%
Pressure Change Initial 74.3 %	
Close / Final Close GIP cubic foot volume: 0	

Operation: Well Complete	Petroleu	y: Satchell Cr m, LLC Vorcester "A"		Cour State Drillin LLC Eleva Field Pool: Job N	: 21 TWN: 7S RNG: 22W hty: GRAHAM e: Kansas ng Contractor: Feature Drilling - Rig 2 ation: 2220 GL Name: Alda South : Infield Number: 644 #: 15-065-24231
DATE February	DST #2	Formation: Lans "I"	Test Interval: 3591 3627'	-	Total Depth: 3627'
28	Tin	ne On: 05:39 02/28	Time Off: 16:06 02	/28	
2023	Tin	ne On Bottom: 07:38 02/28	3 Time Off Bottom: ()9:38	02/28
BUCKET MEASUREMENT	-	/4 in. in 30 mins.			
1st Close: No blow back.					

2nd Open: Weak, surface blow. Blow didn't build.

2nd Close: No blow back.

REMARKS:

Hit 9 ft. of fill.

Charts look the way they do because there was nothing there & plugging.

Tool Sample: 0% Gas 2% Oil 0% Water 98% Mud



Operation: Well Complete

Company: Satchell Creek Petroleum, LLC

Lease: Worcester "A" #3-21

SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231

DATE	
February	
28	
2023	

DST #2 Formation: Lans "I"

Test Interval: 3591 -3627' Total Depth: 3627'

 Time On: 05:39 02/28
 Time Off: 16:06 02/28

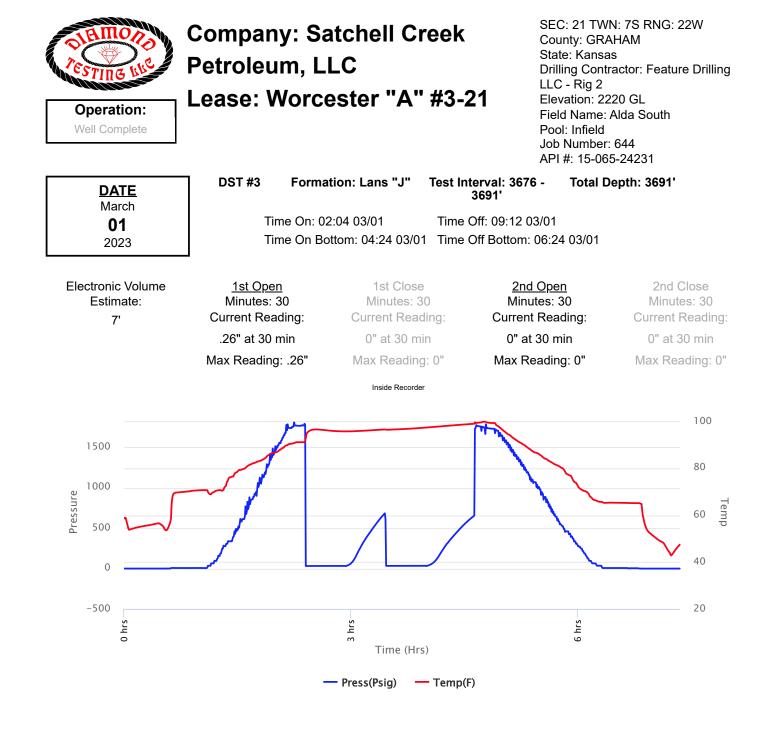
 Time On Bottom: 07:38 02/28
 Time Off Bottom: 09:38 02/28

Heads Up:	11.6 FT	Packer 1:	3585.5 FT
Drill Pipe:	3387.05 FT	Packer 2:	3591 FT
ID-3 1/2		Top Recorder:	3574.42 FT
Weight Pipe:	FT	Bottom Recorder:	3593 FT
Collars:	181.98 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool:	34.57 FT		
ID-3 1/2-FH		Bottom Choke:	5/8"
Jars			
Safety Joint			
Total Anchor:	36		
	36 <u>Makeup</u>		
Anchor	<u>Makeup</u>		
<u>Anchor</u> Packer Sub:	<u>Makeup</u> 1 FT		
<u>Anchor</u> Packer Sub: Perforations: (top):	<u>Makeup</u> 1 FT		
<u>Anchor</u> Packer Sub: Perforations: (top): <i>4 1/2-FH</i>	<u>Makeup</u> 1 FT FT		
Anchor Packer Sub: Perforations: (top): <i>4 1/2-FH</i> Change Over:	<u>Makeup</u> 1 FT FT FT		
Anchor Packer Sub: Perforations: (top): 4 1/2-FH Change Over: Drill Pipe: (in anchor):	<u>Makeup</u> 1 FT FT FT		
Anchor Packer Sub: Perforations: (top): 4 1/2-FH Change Over: Drill Pipe: (in anchor): ID-3 1/2	<u>Makeup</u> 1 FT FT FT FT		

Operation: Well Complete	Petroleur	v: Satchell Cr n, LLC orcester "A"	еек #3-21 е г	SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231
DATE February	DST #2	Formation: Lans "I"	Test Interval: 3591 - 3627'	• Total Depth: 3627'
28	Tim	e On: 05:39 02/28	Time Off: 16:06 02/	28
2023	Tim	e On Bottom: 07:38 02/28	Time Off Bottom: 09	9:38 02/28
		Mud Proper	ties	
Mud Type: Chemical	Weight: 9.3	Viscosity: 38	Filtrate: 8.8	Chlorides: 4,000 ppm

Operation: Well Complete	Petroleu	y: Satchell C m, LLC Vorcester "A'		Cou Stat Drilli LLC Elev Field Poo Job	2: 21 TWN: 7S RNG: 22W nty: GRAHAM e: Kansas ing Contractor: Feature Drilling - Rig 2 vation: 2220 GL d Name: Alda South I: Infield Number: 644 #: 15-065-24231
DATE February	DST #2	Formation: Lans "I"	Test Interval: 3591 3627'	-	Total Depth: 3627'
28	Tir	ne On: 05:39 02/28	Time Off: 16:06 02	2/28	
2023	Tir	ne On Bottom: 07:38 02/2	8 Time Off Bottom:	09:38	3 02/28
	_	Gas Volume	Report		





resting the P	ompany: S etroleum, ease: Wore	LLC		Cou Stat Drill LLC Elev Field Poo Job	inty: GRAHA e: Kansas	tor: Feature Drilling GL la South 14	
DATE	DST #3 For	mation: Lans "J"	Test Interva 369		Total Dep	th: 3691'	
March	Time On	02:04 03/01	Time Off. ()9:12 03/01			
01 2023	-	Bottom: 04:24 03/		ottom: 06:24	4 03/01		
2020	-						
<u>Recovered</u>							
Foot BBLS	<u>Descriptio</u>		<u>Gas %</u>	<u>Oil %</u>	<u>Water</u>		
20 0.0984	N		0	0	0	100	
Total Recovered: 20 ft Total Barrels Recovered		Reversed Out		Recover	y at a glan	ice	
		NO	0.1				
Initial Hydrostatic Pressu		PSI	표 8 0.05				
Initial Flo Initial Closed in Pressu		PSI PSI					
Final Flow Pressu		PSI					
Final Closed in Pressu		PSI	0				
Final Hydrostatic Pressu	re 1769	PSI			K	ecovery	
, Temperatu		°F		e Gas	• Oil •	Water 🗕 Mud	
				0%	0%	0% 100%	
Pressure Change Initi		%					
Close / Final Clos	se .		GIP cubic foot v	volume: 0			

Operation: Well Complete	Petroleu	iy: Satchell Cr im, LLC Vorcester "A"		Cou Stai Drill LLC Elev Fiel Poo Job	C: 21 TWN: 7S RNG: 2 unty: GRAHAM te: Kansas ling Contractor: Feature C - Rig 2 vation: 2220 GL d Name: Alda South bl: Infield Number: 644 #: 15-065-24231	
DATE March	DST #3	Formation: Lans "J"	Test Interval: 3676 3691'	6 -	Total Depth: 3691'	
01	Ті	me On: 02:04 03/01	Time Off: 09:12 0	3/01		
2023	Ті	me On Bottom: 04:24 03/01	Time Off Bottom:	06:24	4 03/01	
BUCKET MEASUREMENT 1st Open: Weak, surface		1/4 in. in 30 mins.				

1st Close: No blow back.

2nd Open: No blow.

2nd Close: No blow back.

REMARKS:

Hit a bridge 4 ft. off bottom. Had to open the tool on the bridge & slid to bottom. Took 3 ft. of mud in the process of sliding.

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



Operation: Well Complete

Company: Satchell Creek Petroleum, LLC

Lease: Worcester "A" #3-21

SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231

DATE
March
01
2023

DST #3 Formation: Lans "J"

Test Interval: 3676 - 3691'

Total Depth: 3691'

 Time On: 02:04 03/01
 Time Off: 09:12 03/01

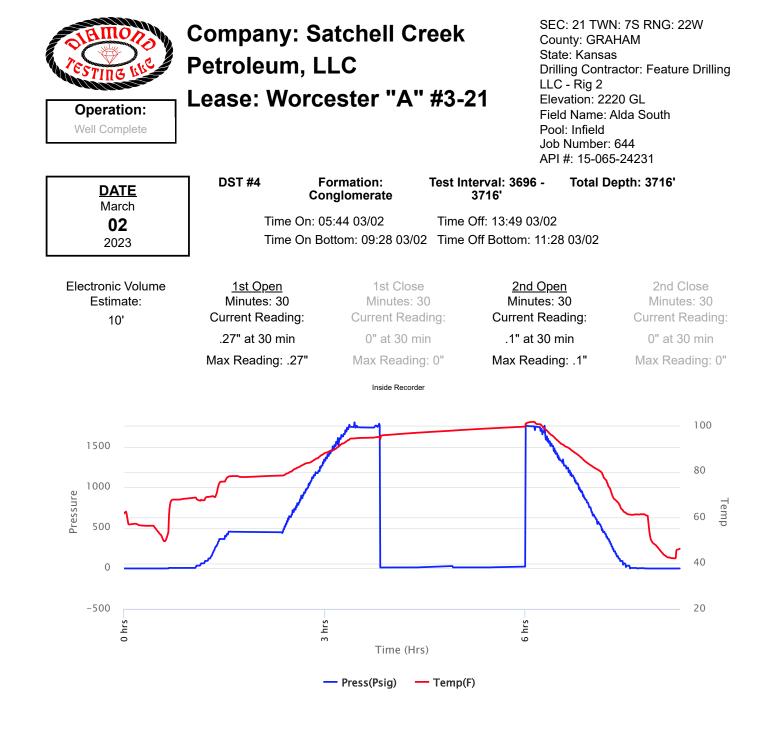
 Time On Bottom: 04:24 03/01
 Time Off Bottom: 06:24 03/01

Heads Up:	20.02 FT	Packer 1:	3670.5 FT
Drill Pipe:	3480.47 FT	Packer 2:	3676 FT
ID-3 1/2		Top Recorder:	3659.42 FT
Weight Pipe:	FT	Bottom Recorder:	3678 FT
Collars:	181.98 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool:	34.57 FT		
ID-3 1/2-FH		Bottom Choke:	5/8"
Jars			
Safety Joint			
Total Anchor:	15		
Anchor	<u>Makeup</u>		
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		
Change Over: Perforations: (below):	FT 14 FT		

Operation: Well Complete	Petroleur	/: Satchell Cr n, LLC /orcester "A"	eek c """"""""""""""""""""""""""""""""""""	GEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield ob Number: 644 API #: 15-065-24231
DATE March	DST #3	Formation: Lans "J"	Test Interval: 3676 - 3691'	Total Depth: 3691'
01	Tim	e On: 02:04 03/01	Time Off: 09:12 03/	01
2023	Tim	e On Bottom: 04:24 03/01	Time Off Bottom: 06	6:24 03/01
		Mud Proper	ties	
Mud Type: Chemical	Weight: 9.3	Viscosity: 45	Filtrate: 7.6	Chlorides: 3,000 ppm

Operation: Well Complete	Petroleu	y: Satchell Ci m, LLC Vorcester "A"		SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231
DATE March	DST #3	Formation: Lans "J"	Test Interval: 3676 3691'	5 - Total Depth: 3691'
01	Ti	me On: 02:04 03/01	Time Off: 09:12 03	3/01
2023	Tiı	me On Bottom: 04:24 03/0	1 Time Off Bottom: (06:24 03/01
	_	Gas Volume	Report	





resting the	Petroleum	: Satchell (), LLC prcester "A		Cou Sta Dril LLC Ele Fiel Poc Job	C: 21 TWN: 7S unty: GRAHAM te: Kansas ling Contractor: C - Rig 2 vation: 2220 GL d Name: Alda S ol: Infield Number: 644 #: 15-065-2423	Feature Drilling - South
DATE	DST #4	Formation: Conglomerate	Test Interv 371		Total Depth:	3716'
March 02	Time	On: 05:44 03/02	Time Off:	13:49 03/02		
2023	Time	On Bottom: 09:28 0	3/02 Time Off E	Bottom: 11:2	8 03/02	
Recovered						
Foot BBLS	<u>Descrip</u>	otion of Fluid	<u>Gas %</u>	<u>Oil %</u>	<u>Water %</u>	<u>Mud %</u>
1 0.0049	2 S	LOCM	0	10	0	90
Total Recovered: 1 f Total Barrels Recove	-	Reversed Out NO		Recover	ry at a glance	
Initial Hydrostatic Press	sure 1739	PSI	<u> </u>			
Initial F	Flow 11 to 13	PSI	니 0.0025 — 명명			
Initial Closed in Press	sure 30	PSI				
Final Flow Press			0			
Final Closed in Press		PSI	0		Rec	overy
Final Hydrostatic Press		PSI				
Tempera	ture 100	°F		Gas 0%	Oil Water 10% 09	ater – Mud % 90%
Pressure Change Ir		%				
Close / Final C	lose		GIP cubic foot	volume: 0		

Operation: Well Complete	Petroleun	r: Satchell C n, LLC orcester "A		Coun State Drillin LLC - Eleva Field Pool: Job N	21 TWN: 7S RNG: 22W hty: GRAHAM :: Kansas ng Contractor: Feature Drilli - Rig 2 ation: 2220 GL Name: Alda South Infield Number: 644 4: 15-065-24231	ing
DATE March	DST #4	Formation: Conglomerate	Test Interval: 3696 3716'	i -	Total Depth: 3716'	
02	Time	On: 05:44 03/02	Time Off: 13:49 03	3/02		
2023	Time	On Bottom: 09:28 03/	02 Time Off Bottom:	11:28	03/02	
BUCKET MEASUREMEN	 F:					

Diesel in Bucket

1st Open: Weak, surface blow building to 1/4 in. in 30 mins.

1st Close: No blow back.

2nd Open: Weak, surface blow. Blow didn't build.

2nd Close: No blow back.

REMARKS:

Tool Sample: 0% Gas 10% Oil 0% Water 90% Mud



Company: Satchell Creek Petroleum, LLC

SEC: 21 TWN: 7S RNG: 22W County: GRAHAM State: Kansas Drilling Contractor: Feature Drilling LLC - Rig 2 Elevation: 2220 GL Field Name: Alda South Pool: Infield Job Number: 644 API #: 15-065-24231

Оре	eration:	
Well	Complete	

Lease: Worcester "A" #3-21

DST #4

DATE	
March	
02	
2023	

 Formation: Conglomerate
 Test Interval: 3696 -3716'
 Total Depth: 3716'

 Time On: 05:44 03/02
 Time Off: 13:49 03/02
 Time Off: 13:49 03/02

 Time On Bottom: 09:28 03/02
 Time Off Bottom: 11:28 03/02

Heads Up:	30.6 FT	Packer 1:	3690.5 FT
Drill Pipe:	3511.05 FT	Packer 2:	3696 FT
ID-3 1/2		Top Recorder:	3679.42 FT
Weight Pipe:	FT	Bottom Recorder:	3698 FT
Collars:	181.98 FT	Well Bore Size:	7 7/8
ID-2 1/4		Surface Choke:	1"
Test Tool: ID-3 1/2-FH	34.57 FT	Bottom Choke:	5/8"
Jars		Bottom Choke.	5/0
Safety Joint			
Total Anchor:	20		
	-		
<u>Anchor</u> Packer Sub:	<u>Makeup</u> 1 FT		
Perforations: (top): 4 1/2-FH	FT		
4 1/2-FN			
Change Over:	FT		
Drill Pipe: (in anchor):	FT		
ID-3 1/2			
Change Over:	FT		
Perforations: (below):	19 FT		
4 1/2-FH			

Operation: Well Complete	Petroleun	: Satchell Cr n, LLC orcester "A"		Coul State Drilli LLC Elev Fielc Pool Job	2: 21 TWN: 7S RNG: 22W nty: GRAHAM e: Kansas ing Contractor: Feature Drilling - Rig 2 ration: 2220 GL d Name: Alda South I: Infield Number: 644 #: 15-065-24231
DATE March	DST #4	Formation: Conglomerate	Test Interval: 3696 3716'	-	Total Depth: 3716'
02	Time	On: 05:44 03/02	Time Off: 13:49 03	3/02	
2023	Time	On Bottom: 09:28 03/02	Time Off Bottom: 7	11:28	3 03/02
	-	Mud Proper	ties		

Viscosity: 45

Filtrate: 6.4

Chlorides: 4,000 ppm

Mud Type: Chemical

Weight: 9.3

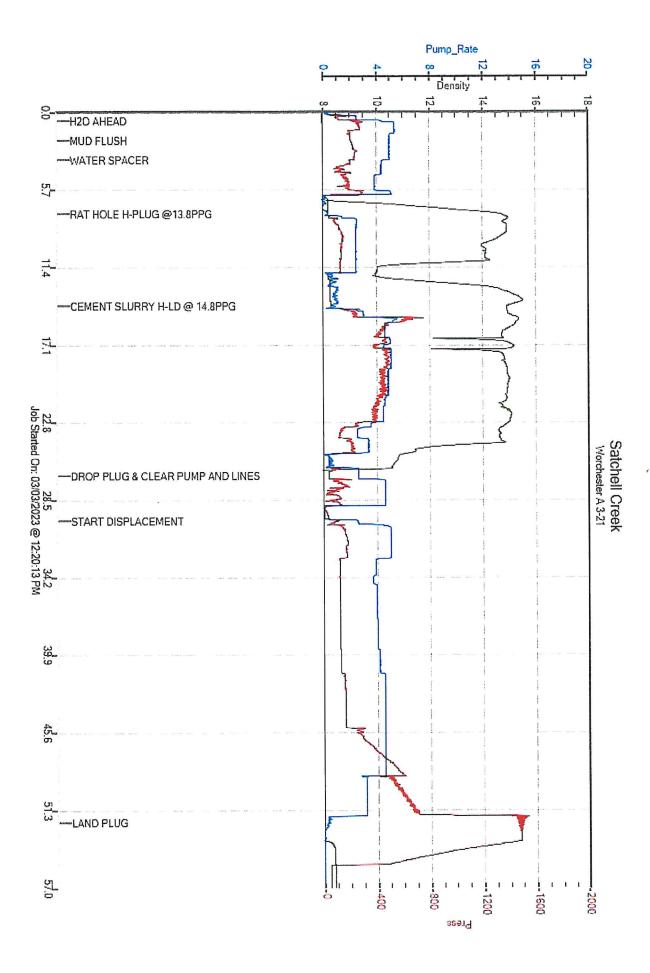
Operation: Well Complete	Petroleum	: Satchell C , LLC prcester "A"		County: GRA State: Kansa	as ractor: Feature Drilling 220 GL Alda South : 644
DATE March	DST #4	Formation: Conglomerate	Test Interval: 3696 3716'	- Total D	Depth: 3716'
02	Time	On: 05:44 03/02	Time Off: 13:49 03	3/02	
2023	Time	On Bottom: 09:28 03/0	2 Time Off Bottom:	11:28 03/02	
		Gas Volume	Report		

	1st Op	ben				2nd O	pen	
Time	Time Orifice PSI MCF/D					Orifice	PSI	MCF/D



					-		
EMENT TR	EATMEN	IT REP	ORT				
Customer	Satchel	I Creek		Well:	Worchester A 3	-21 Ticket:	WP4015
City, State				County:	Graham,KS	Date:	3/3/2023
Field Rep				S-T-R:	21-7S-22W	Service:	Longstring
Downhole	Informati	1000年1月					
Hole Size	Contraction of the local distance of the loc	the state of the state of		Calculated Slu			ulated Slurry - Tail
Hole Depth				Blend:	H-LD	Blend:	H-Plug
Casing Size				Weight:	14.8 ppg	Weight:	13.8 ppg
Casing Depth				Water / Sx:	6.5 gal / sx	Water / Sx:	6.9 gal/sx
Tubing / Liner		in		Yield:	1.51 ft ³ /sx	Yield:	1.42 ft ³ /sx
Depth		ft		Annular Bbis / Ft.:	bbs / ft.	Annular Bbis / Ft.:	bbs / ft.
Tool / Packer				Depth: Annular Volume:	0.0 bbls	Depth: Annular Volume:	0 bbls
Tool Depth				Excess:	0.0 0015	Excess:	U BDIS
Displacement		bbis		Total Slurry:	41.7 bbls	Excess: Total Slurry:	12.6 bbls
		STAGE	TOTAL	Total Sacks:	155 sx	Total Sacks:	50 sx
TIME RAT	PSI	BBLs	BBLs	REMARKS		Interformerse	
600am		-	-	Arrive On Location			
1000am			-	Begin Running Casing Tu	urbos On Joints 1,3,5,7,9,11,13,	15,47,75 , Baskets On 1&46 Por	t Collar On top Of 46
1230pm				Cement Trucks Arrive			
130pm			-	Rig Up Head and CasIng	Swivel to Circulate Mud and Ro	otate	
145pm				Begin Circulating			
200pm			-	Safety Meeting			
235pm			-	Rig Up Cement Pump to	Head		
241pm 5.3	260.0	10.0	10.0	H2O ahead			
243pm 5.3	210.0	12.0	22.0	Mud Flush			
245pm 4.4	120.0	10.0	32.0	Water Spacer			
248pm 2.6	200.0	12.6	44.6	Rat Hole H-Plug @ 13.8			
255pm 5.0	450.0	41.7		Cement Slurry H-LD @ 14	4.8		
306pm				Drop Plug and Clear Pum	p and Lines		
311pm 4.5	500.0	79.0		Displace			
332pm 3.0	670.0	10.3		Land Plug Bump Pressur	re to 1480psi		
340pm				Wash Up			
350pm				Rig Down			
400pm				Leave Location			
	CREW	the property and provide and the		UNIT		SUMMAR	
Cementer	1			943	Average Rate	Average Pressure	Total Fluid
Pump Operator Bulk #1				230 180/254	4.3 bpm	344 psl	176 bbls

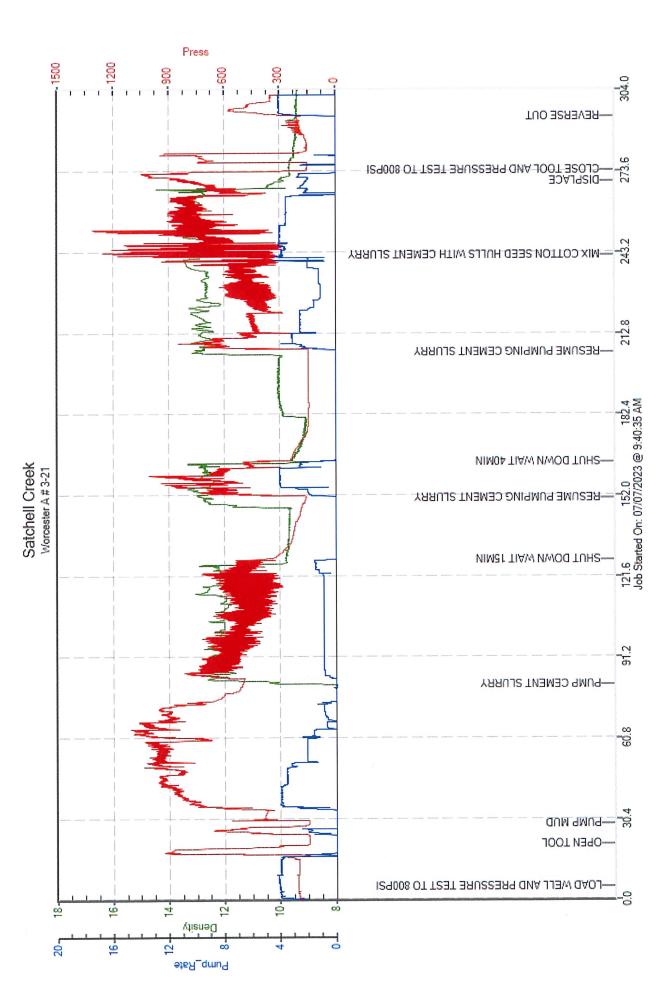
WP 4015 IMP.accdb 1



Page 1



Bulk #				194/235				
Pump Operato				937/520	2.6 b		693 psi	399 bbls
Cemente				945	Average	Rate	Average Pressure	Total Fluid
	CREW			UNIT			SUMMAR	1
300pm				Leave Location				
250pm				Rig Down				
240pm				Wash Up				
2000111 4.0								
230pm 4.0	400.0	25.0		Reverse Out				
205pm 2.6 216pm	1,090.0	0.5		Close Port Collar and Pr	essure Test to 800psi			
149pm 3.5 205pm 2.6	400.0	32.0 10.0		Displace	uns in Gement Dienu			
139pm 3.5	400.0	35.0		Dump 75#cotton Seed H				
119pm 1.5	420.0	30.0		Cement Slurry	ulls In Coment Bland			
103pm 3.0	700.0	20.0		Resume Pumping Ceme	nt Siurry			
1221pm				Shut down Wait 40min				
1208pm 4.0	800.0	43.0		Resume Pumping Ceme	nt Slurry			
1143am 0.9	530.0	15.0	203.2		12ppg , Shut down and w	ait 15min		
1059am 0.8	760.0	30.0	188.2	Cement Slurry H-Con @				
1045am 0.8	950.0	5.2	158.2	Flush Water				
1041am 0.6	1,000.0	70.0	153.0					
1010am 4.0	650.0	20.0	83.0	Pump Mud				
1000am			63.0	Open Port Collar				
936am 4.0	800.0	63.0	63.0	Load Well and Presure to	est to 800psi			
			-					
900am			-	Rig Up				
845am			-	Safety Meeting				
830am		-	-	Arrive On Location				
IME RAT	E PSI	BBLs		REMARKS				
ispiacement	10.0	STAGE	TOTAL	Total Sacks:	450 sx		Total Sacks:	0 sx
isplacement		bbls		Excess: Total Slurry:	205.2 bbls		Total Slurry:	0.0 bbls
Tool Depth				Excess:	פומת סיס		Excess:	• • • • • • • • • • • • • • • • • • • •
Depth Tool / Packer		ft		Depth: Annular Volume:	ft 0.0 bbls		Annular Volume:	0 bbls
ubing / Liner		in 4		Annular Bbls / Ft.:	bbs / ft.		Depth:	bbs / n ft
asing Depth		ft		Yield:	2.56 ft ³ / sx		Yield: Annular Bbls / Ft.:	bbs / ft.
Casing Size				Water / Sx:	15.5 gal / sx		Water / Sx:	gal / sx ft ³ / sx
Hole Depth		ft		Weight:	12.0 ppg		Weight:	ppg
Hole Size		in		Blend:	H-Con		Blend:	
Downhole		on		Calculated Slu				lated Slurry - Tail
						1000 20		
Field Rep	Jessie			S-T-R:	21-7S-2	2W	Service:	Port Collar
City, State	:			County:	Graham	,KS	Date:	7/7/2023
		Creek		Well:	Worcester	A 0-21	Ticket:	WP4486



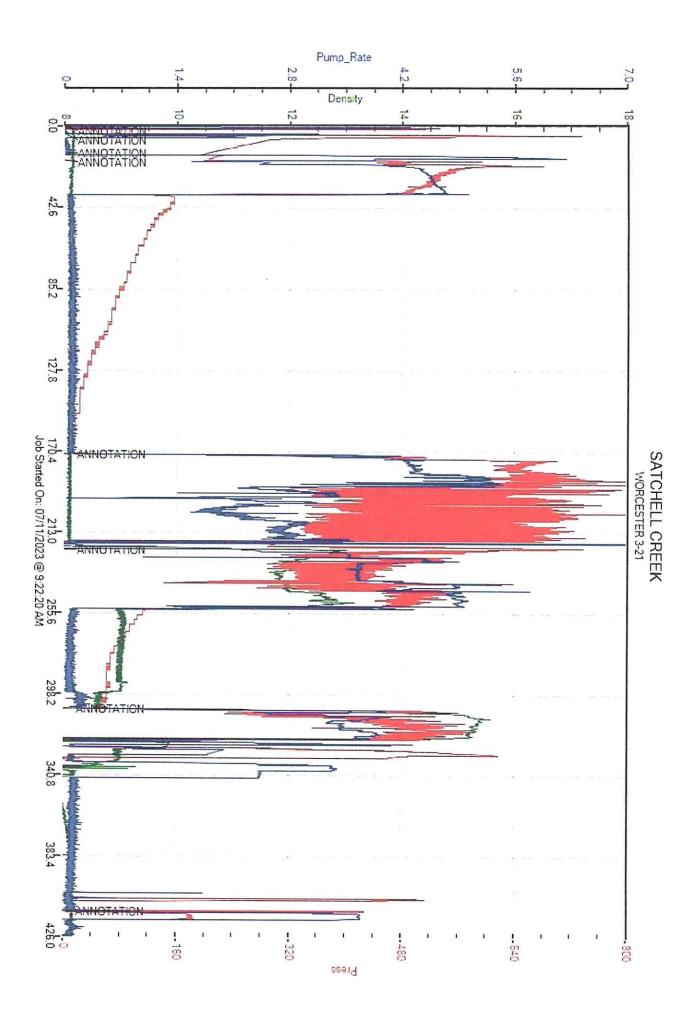
WP4486 IMP.accdb 1

Page 1



EMENT	TRE	ATMEN	T REP	ORT					
Cust	omer:	SATCHE	LL CR	EEK OPERA	TING Well:	WORCESTER A	3-21 Ticket:	WP4493	
City. S	itate:	HILL CI	TYKS		County:	GRAHAM K		7/11/2023	
	Rep:			4120-00-00	S-T-R:	21-075-22			
Field	кера			Service and service	5-1-64	21-073-220	Service:	JQUEEZE	
Down	hole li	nformatio	on.	1	Calculated Slu	irry - Lead	Cal	culated Slurry - Tail	
Hole	Size:		in		Blend:	H-CON	Blend:	CLASS A	
Hole D	epth:		ft		Weight:	12.0 ppg	Weight:	15.6 ppg	
Casing	Size:	5 1/2	in		Water / Sx:	14.5 gal / sx	Water / Sx:	5.2 gal / sx	
Casing D	epth:		ft		Yield:	2.50 ft ³ / sx	Yield:	1.18 ft ³ / sx	
Tubing / I	iner:	2 7/8	in		Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.	
D	epth:		ft		Depth:	ft	Depth:	ft	
Tool / Pa	cker:	95	0		Annular Volume:	0.0 bbis	Annular Volume:	0 bbls	
Tool D			ft		Excess:	C	Excess:		
Displace	nent:		bbls		Total Slurry:	110.0 bbls	Total Slurry:	51.0 bbls	
TIME	RATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks:	250 sx	Total Sacks:	250 sx	
8:35 AM	KATE	151	BBLS	BBLS	REMARKS				
10:29 AM		500.0			ON LOCATION SQUEZ	E HOLE AT 1050"	an a		
10:33 AM	2.0	500.0			INJECTION RATE	a de la substantia de la compañía d		an a	
10:47 AM	4.4	550.0	80.0	80.0	PUMP 80 BBL MUD	n na harring and a second		and a second	
		000.0	00.0	80.0	WAIT ON MORE MUD	Nor reveal			
1:20 PM	4.0	490.0	80.0	160.0	PUMP HEAVY MUD WITH	COTTON SEED HULLS			
2:12 PM	4.9	450.0	110.0	270.0		H 200 LBS COTTON SEED HU	LLS		
2:43 PM				270.0	H-CON PUMPED, WAIT 3				
3:36 PM	4.0	450.0	10.0	280.0	MIX 50 SKS CLASS A			······································	
4:40 PM	4.0	400.0	41.0	321.0	MIX 200 SKS CLASS A W	ITH 2% CALCIUM CHLORIDE			
3:53 PM	4.0	25.0	4.0	325.0	WASH PUMP AND LINE				
3:56 PM	2.0	450.0	6.5	331.5	START DISPLACEMENT				
4:00 PM				331.5	WAIT 1 HOUR				
5:16 PM		500.0	0.1	331.6	PRESSURE UP TO 500,	HOLDING			
				331.6	RELEASED AND HELD				
5:23 PM	3.0	200.0	12.0	343.6	REVERSE OUT, WELL CI	LEAN			
					na tha an an Artan Artan				
				•				en to a state and a state and a state of the	
						a an			
				-			- and the shift of the second s	and to a second s	
		6		-	IOR COMPLETE THANK	VOUI			
					JOB COMPLETE, THANK MIKE MATTAL				
		÷			AUSTIN & KENNY	and an	and the second	and a construction of the second second	
					AUGTIN & AEIVINT				
		CREW			UNIT		SUMMAR	۲Y	
Cem	enter:	MAT	Section and the section		912	Average Rate		Total Fluid	
Pump Ope		CLIF			179/521	3.6 bpm	410 psi	344 bbis	
	ilk #1:	JULI			526/532		<u></u>		
	lk #2:								







CEM	ENT	TREA	TME	NT R	EPO	DRT

					Well:	Worcester 3-21 Ticket:		wp 4502
City, State: Hill city Kansas					County:	GrahamKansas Date:		7/13/2023
Field Rep: Jesse Dinkle					S-T-R:	21-07s-22w Service:		raise cement
Dow	nhole I	nformatic	on		Calculated Slur	ry - Lead	Calc	ulated Slurry - Tail
Hole Size:		7 7/8	in		Blend:	A	Blend:	
Hole Depth:		450 ft			Weight:	15.6 ppg	Weight:	ppg
Casing Size:		5 1/2 in			Water / Sx:	5.2 gal / sx	Water / Sx:	gal / sx
Casing Depth:		450 ft			Yield:	1.18 ft ³ / sx	Yield:	ft ³ / sx
Tubing / Liner:		1 in			Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:		450 ft			Depth:	ft	Depth:	ft
Tool / Packer:					Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:		ft			Excess:		Excess:	
Displacement:		bbis			Total Slurry:	31.0 bbls	Total Slurry:	0.0 bbls
TIME	RATE	PSI	STAGE	TOTAL	Total Sacks:	150 sx	Total Sacks:	0 sx
8:30 AM	Accession of the second	PSI	BBLs		REMARKS		2004年1月2日日本 1月1日日 1月11日 1月111日 1月111日 1月111日 1月111日 1月111日 1月111日 1月111日 1月1111 1月1111 1月1111 1月1111 1月1111 1月11111 1月11111 1月1111 1月11111 1月111111	
8:30 AM				-	on location job and safety			
0.45 AM				•	spot trucks and rig up			
9:40 AM	07	100.0	1.0	- 10	1 inch ran into 450 ft		10 - 10 - 10 - 10 - 10 - 10 - 10 - 10 -	
0.40 MW	0.1	100.0	1.0	1.0	pump capicity of 1 inch	1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 - 1997 -		
9:45 AM					start cement			······
V-TV AW					mix 150 sacks to surface			
10:05 AM					cement in and shut down		11	
					coment in and shut down			
						1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 / 1 /		
			-					
					- <u>8,000</u>			(1965)(19.6)
								a contraction of the second
							1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 - 1999 -	
					and the second			
						All the second sec	and construction of the first second s	
		CREW			UNIT		SUMMARY	
Cementer:		M Bru	M Brungardt		916	Average Rate	Average Pressure	Total Fluid
Pump Operator:		A Clif	ton		179/521	0.7 bpm	100 psi	1 bbls
Bulk #1:		B Wh	B Whitfeild		526/532			
	ulk #2:		10.1					

