KOLAR Document ID: 1677938

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from North / South Line of Section
City: State: Zip: +	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane)	
Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
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)
Described	Chloride content: ppm Fluid volume: bbls
☐ Commingled Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Location of fluid disposal if flauled offsite.
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec TwpS. R
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 Approved by: Date:

KOLAR Document ID: 1677938

Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	E	ast West	County:				
	flowing and shu	ut-in pressures, v	vhether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.gov	v. Digital electronic log
Drill Stem Tests Ta			Yes No			on (Top), Depth ar		Sample
Samples Sent to 0	Geological Surv	/ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		B	CASING eport all strings set-c		New Used	ion, etc.		
Purpose of Strir		Hole illed	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / SO	UEEZE RECORD			
Purpose:		epth T Bottom	ype of Cement	# Sacks Used	ed Type and Percent Additives			
Perforate Protect Casi Plug Back T								
Plug Off Zor								
Did you perform a Does the volume Was the hydraulic	of the total base f	fluid of the hydrauli		_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three	,
Date of first Product Injection:	tion/Injection or R	esumed Production	Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			DN INTERVAL: Bottom
	Sold Used	I on Lease	Open Hole			mmingled mit ACO-4)	Тор	BOROTT
,	,			Bridge Plug				
Shots Per Foot	Shots Per Perforation Perforation Bridgi Foot Top Bottom Ty				Acid,	Fracture, Shot, Cer (Amount and Kind	menting Squeeze I of Material Used)	Record
TUBING RECORD:	: Size:	Set	Δ+-	Packer At:				
TODING RECORD:	. 3126.	Set	n.	i donei Al.				

Form	ACO1 - Well Completion
Operator	Satchell Creek Petroleum, LLC
Well Name	CATHEDRAL A-2
Doc ID	1677938

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	12.25	8.625	23	218	common	175	2% gel; 3% cc
Production	7.875	5.5	15	3651	class H- BT		50% F; .1% FL; 3% salt
Production	7.875	5.5	15	1221	Tall class H	270	50% F; .1% FL; 3% salt

MUD LOG

WellSight Systems

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

Well Name: Cathedral A-2

API: 15-051-27050-00-00

Location:

Spud Date:

License Number:

Region:

Drilling Completed:

Surface Coordinates:

Bottom Hole

Coordinates: Ground Elevation (ft): 2029

K.B. Elevation (ft): 2035

Logged Interval (ft): To: TD Total Depth (ft): 3655

Formation: Conglomerate

Type of Drilling Fluid: Chemical

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

OPERATOR

Company: Satchell Creek Petroleum

Address:

ROCK TYPES



///

Clyst Coal Congl Dol

Gyp lane Lmst Meta

Mrlst Salt Shale Shcol Shgy SItst Ss Till

Sitstra

Ssstrg

ACCESSORIES

	ERAL
//	Anhy
/	Arggrn
	Arg
В	Bent
\setminus	Bit
ß	Brecfrag
_	Calc
•	Carb
_	Chtdk
\triangle	Chtlt
∠	Dol
+	
•	Feldspar
	Ferrpel
	Ferr
~~	Glau

Gyp • Hvymin Κ Kaol п Marl * Minxl Θ Nodule ** **Phos** Ρ Pyr \blacksquare Salt · Sandy Silt \wedge Sil S Sulphur Tuff

FOSSIL • Р \circ • Ψ B Α \odot 8 ∞ 8 F B φ

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

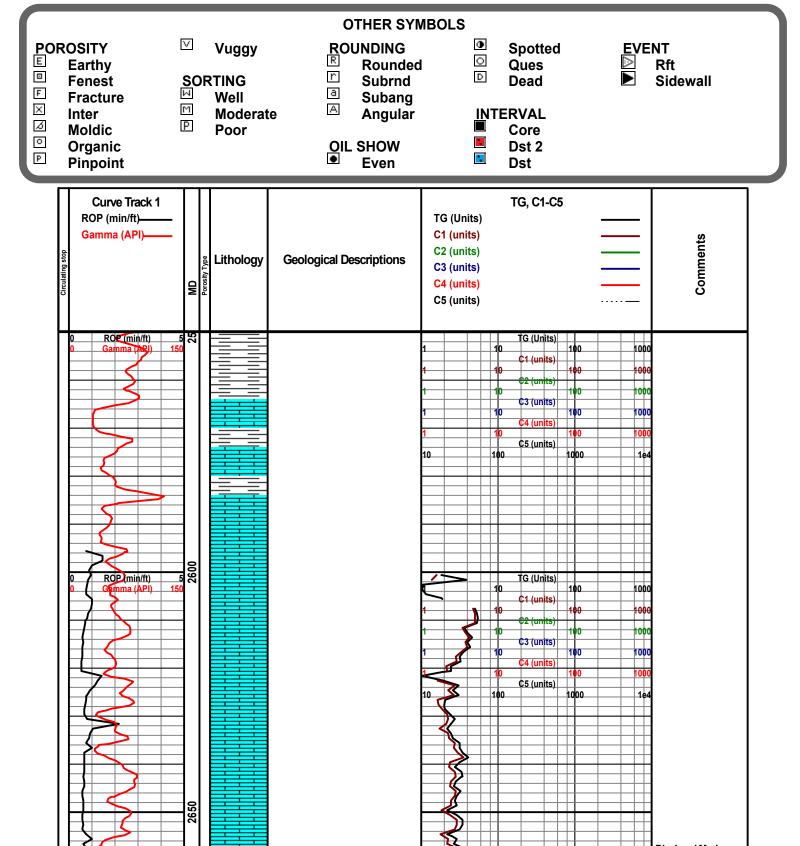
Ostra ∇ Pelec ø Pellet o **Pisolite** Ø Plant Strom STRINGER Anhy Arg $\Pi_{\Pi_{\Pi_{\Pi}}}$ **Bent** Coal Dol Gyp Ls Mrst

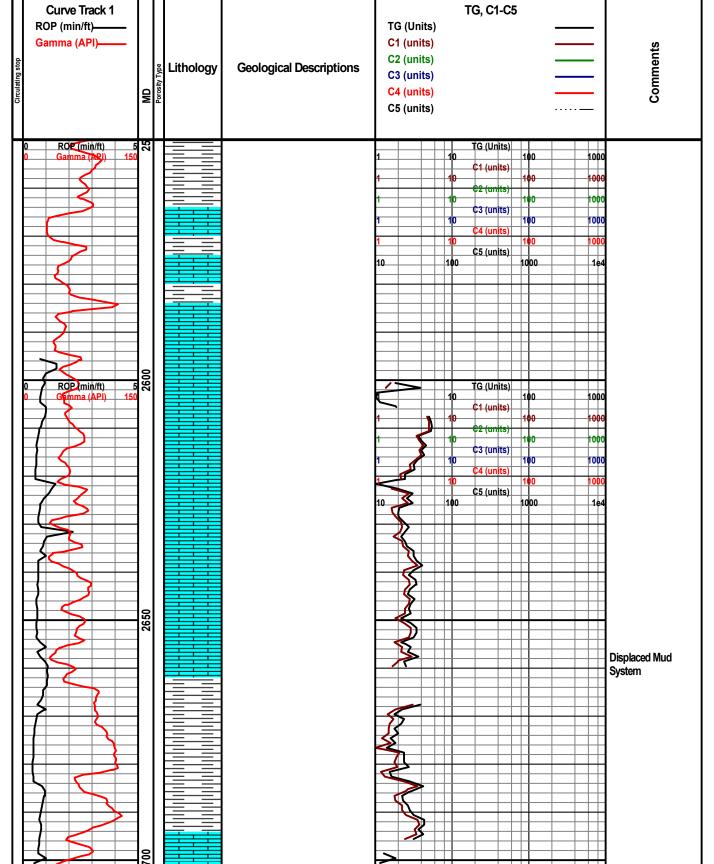
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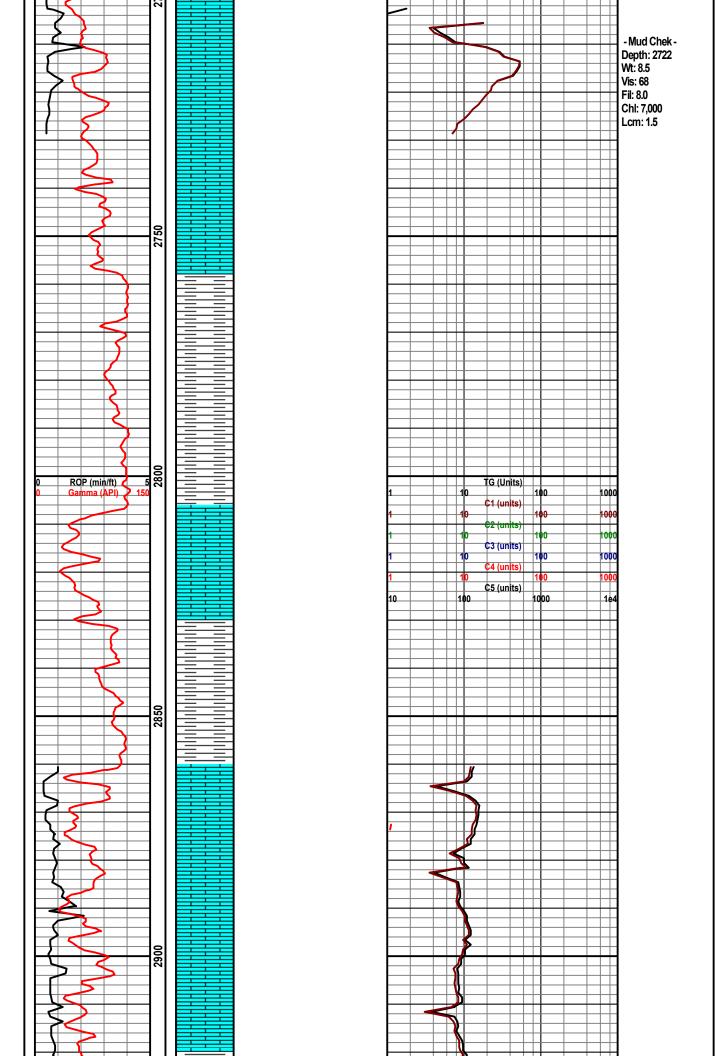
TEXTURE Boundst С Chalky cxCryxIn 9 **Earthy** FΧ FinexIn GS Grainst L Lithogr MXMicroxIn MS Mudst PS **Packst**

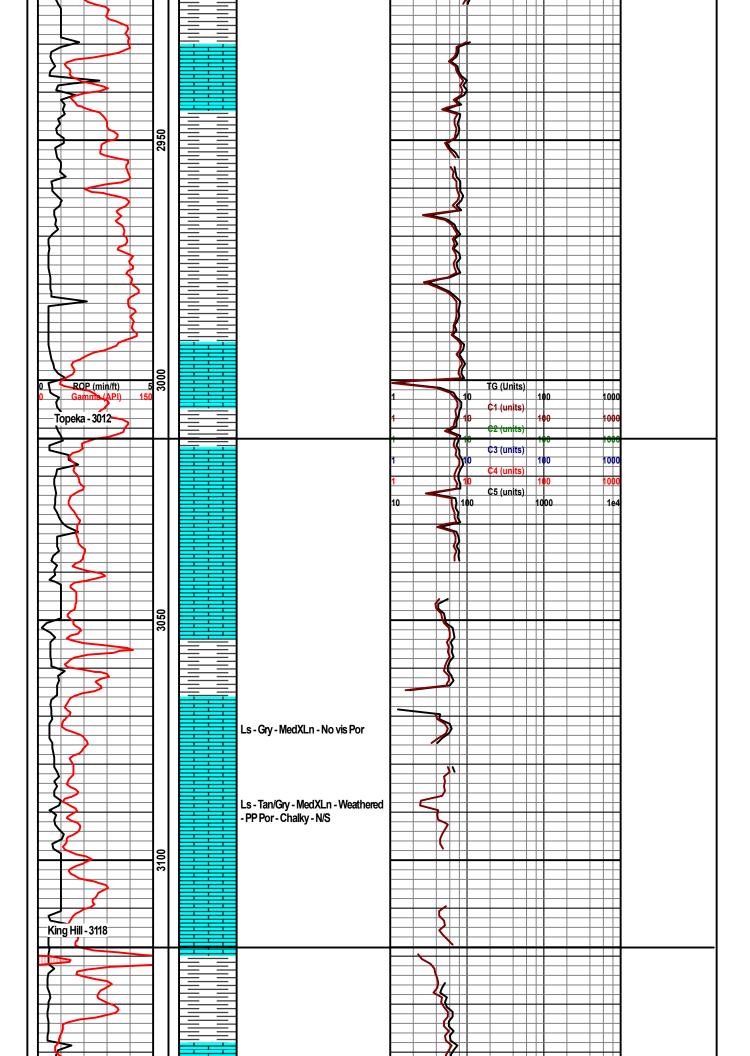
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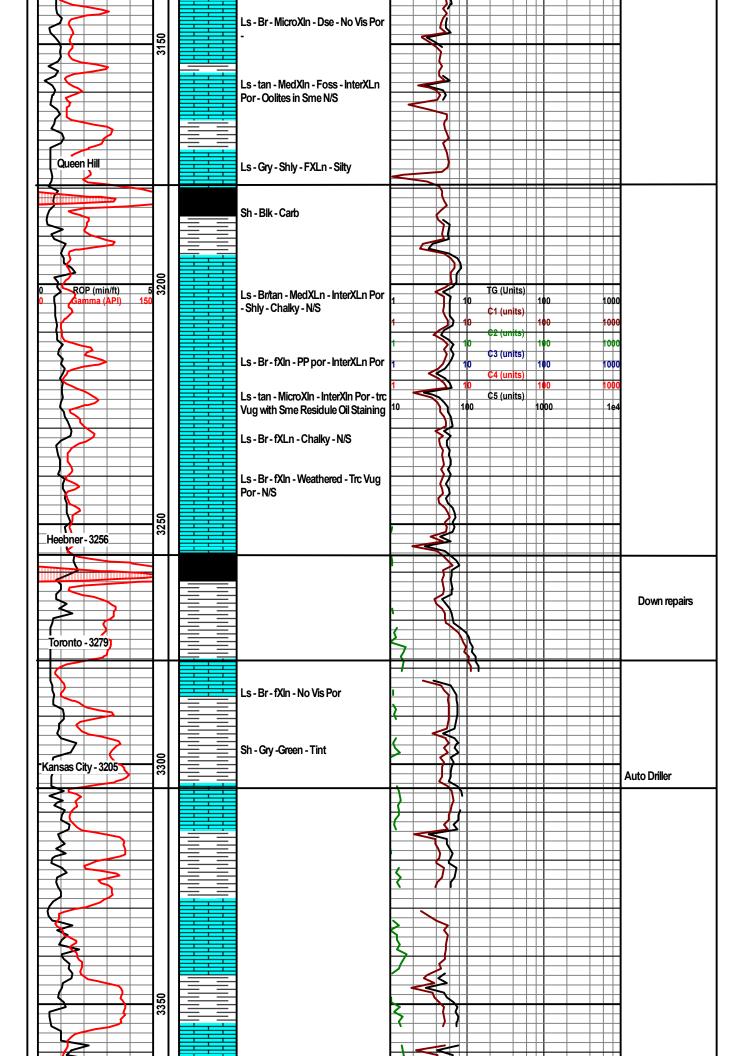
MS

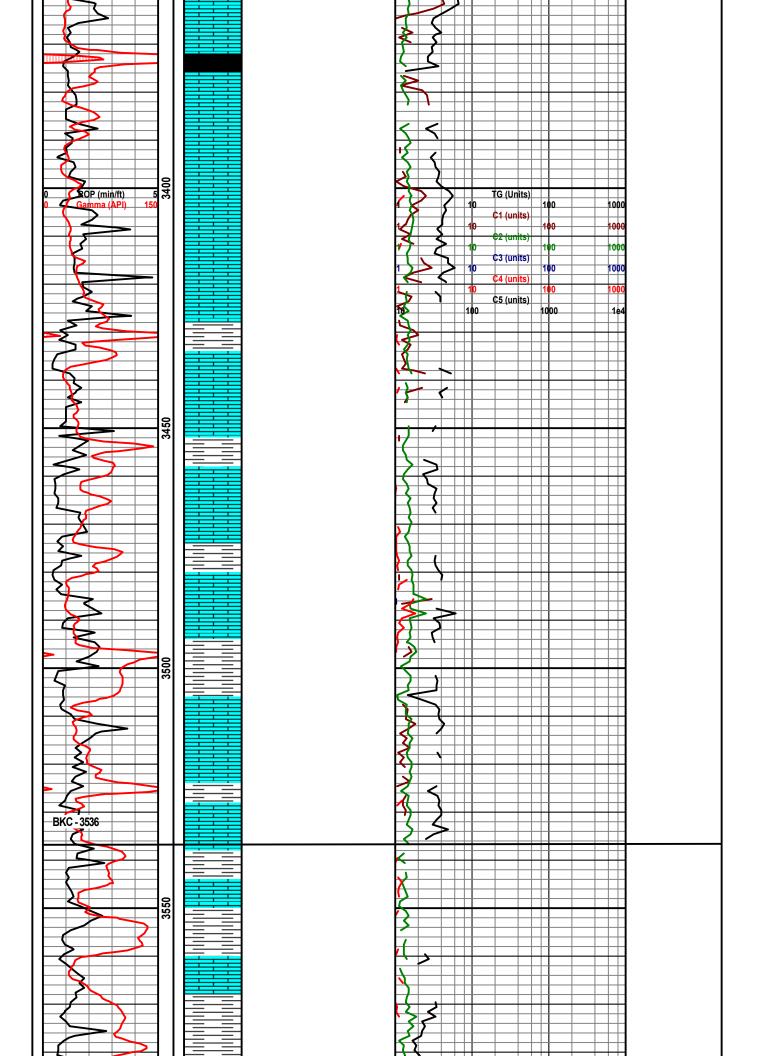


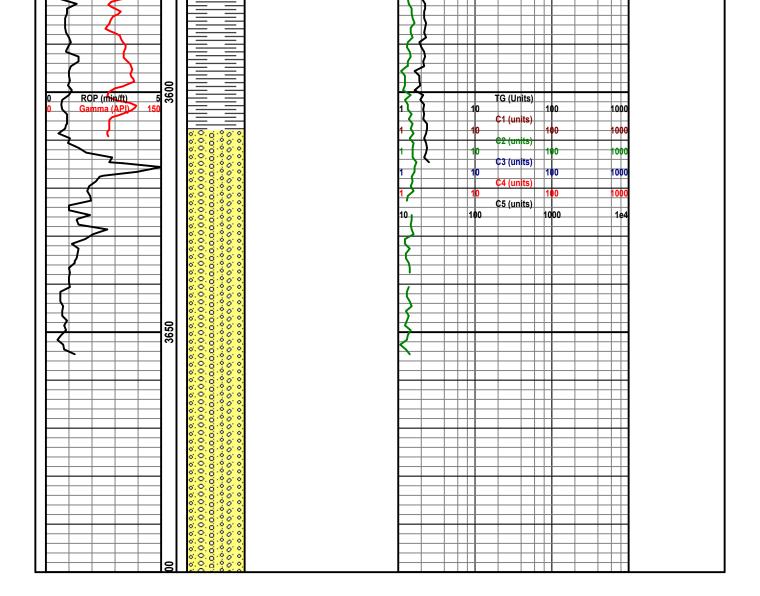












Jesse Dinkel

1029 E 7th Russell, KS 67665

Phone # 7854839146

Date	Invoice #
10/24/2022	1193

Bill To
Satchell Creek Petroleum LLC PO Box 2399
Wichita, KS 67202

Terms Lease

Cathedral A2

Description		Amount	
10/7/2022 10/11/2022 10/12/2022 10/13/2022		1,200.0 1,200.0 1,200.0 1,200.0	00
10/25/2022		1,200.6	00
Thank you for your business.			
, , , , , , , , , , , , , , , , , , , ,	Total	\$6,000.00	

Satchell Creek Petroleum LLC

Cathedral A2

Ellis County

Sec 11 T13S R17W

10/7/22

Schecks backfilled cellar and leveled location. MIRU HWS, unloaded 2 7/8 tbg from sunrise. RIH w/4 7/8 Varel L1 bit, tagged DV tool @ 1215'. RU PPS mud pump and swivel and started drilling on DV tool. SD @ 3:00 due to rain.

10/10/22

Finished drilling DV tool out, reamed threw dv till it was smooth. COOH with tbg and bit. RU Log-Tech and ran bond log. SD

10/11/22

Swabbed CSG down to 3500', RU Kansas Acid and dumped 600 gal acetic down the csg. RU log-tech and perforated J 3487-89, A 3306-09, Toronto 3279-82, Topeka 3077-78, Topeka 3044-50. RIH w/tools to 2700' SD.

10/12/22

Finished running tools to bottom located csg cl and started PPI with 600 gal 15% INS. 3487-89 we couldn't break down. Moved up to 3077-78 and put 1 bbl in it. Moved up to 3044-50 and put 2 bbl per ft in. Fished valves and started swabbing. Recovered 11bbl

1 hr pull 250' with a show. Recovered 1.4 bbl.

SD

10/13/22

Had 5# on tbg, tagged FL @ 1800' all water. Recovered 5.22 bbl, let sit 15 min and it was dry.

Released tools and moved down and straddled Topeka 3077-78. Swabbed down and recovered 9.28 bbl.

15 min - 100' water

15 min - 120' water

Recovered 1.16 bbl.

Released tools and moved down and straddled Toronto 3279-82, swabbed down and recovered 9.28 bbl. 15 min test was dry. Released tools and moved down and straddled A 3306-08. Swabbed down recovered 3.48 bbl. 15 min test – dry. Released tools and moved down and straddled the J 3487-89. Swabbed down recovered 5.58 bbl. 15 min test – dry. Released PKR ran down to spot acid. Treated with 500 gal 15% INS. Treated @ 6.8 bpm 1500#. ISIP-100#, 15 seconds to 0#, vac in 3 min. total load was 32 bbl. Started swabbing, tagged fluid 200' from surface. Recovered 18 bbl on swab down. 15 min test – 200' slight show. Released tools and moved up to the A zone to treat w/3000gal. Communicated up to the Toronto @ 24 bbl. Pumped 48 bbl water down BS. Pulled pkr up above Toronto and treated @ 7 bpm 1200#, broke back to 1050#. ISIp – 0# Total load 97 bbl. Let sit 30 min and started swabbing. Swabbed for 1.5 hrs and recovered 35.96 bbl with slight show of oil. SD

10/14/22

Had 35# on tbg. Tagged Fl @ 1150' had a scum of oil. Swabbed for 1 hr, last pull was 450' with a slight show. Recovered 23.2 bbl for the hr. Swabbed steady and pulled it down to 250' a pull, recovered 7 bbl. Released PKR and made 4 pulls. RDMO

10/24/22

MIRU HWS, RU swab. Tagged fluid @ 1600' from surface, all water. Ran down released plug and went down to 3513'. Started swabbing. Recovered 30.16 bbl of water. SD

10/25/22

Tagged Fluid @ 1750', no oil. Swabbed steady for 4 hrs and recovered 48 bbl, no oil. Pulled tools and RDMO



Custon	ner: S	Satchell	Creek F	etroleum	Well:	Cathedral A #2	Ticket:	WP 3407
City, St	ate: \	/ictoria	KS		County:	Ellis KS	Date:	9/20/2022
Field F					S-T-R:	11-13S-17W	Service:	Surface
rieiu r	(G)A	ay	_		3-1-K.	11-100-1747	J. S. M. S.	
Downh	ole In	formatio	n	ì	Calculated SI	lurry - Lead	Calcu	ılated Slurry - Tail
Hole S	ize:	12 1/4	in		Blend:	H-325	Blend:	
Hole De	pth:	220	ft		Weight:	14.8 ppg	Weight:	ppg
Casing S	ize:	8 5/8	in		Water / Sx:	6.9 gal / sx	Water / Sx:	gal / sx
asing De		218	ft		Yield:	1.41 ft ³ / sx	Yield:	ft ³ / sx
ıbing / Li	Plant.		in		Annular Bbls / Ft.:	0.0735 bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
	pth:		ft		Depth:	218 ft	Depth:	ft
ool / Pac	534.5				Annular Volume:	16.0 bbls	Annular Volume:	0 bbls
Tool De			ft		Excess:		Excess:	
splacem	ent:	12.7	AND DESCRIPTION OF THE PERSON	granding program of the	Total Slurry:	56.5 bbls	Total Slurry:	0.0 bbls
IME R	ATE	PSI	STAGE BBLs	TOTAL BBLs	Total Sacks:	225 sx	Total Sacks:	0 sx
:57 PM	.112	1.01	211125	BBL5	Arrived on location	24次至90年7年以上50年7日,中国共和国共和国共和国共和国	ENCYCLE PROPERTY OF THE PARTY OF THE PARTY.	
:07 PM	+		-		Safety meeting			
1:17 PM					Rigged up			
:32 AM	-				Casing on bottom			
:39 AM	$\neg \dagger$				Circulated mud	*		
1:51 AM 3.	5	150.0	5.0	5.0	Water ahead			
:53 AM 4.		300.0	56.5	61.5	Mixed 225 sacks H-325	cement @ 14.8 ppg		
2:06 AM 4.		200.0	12.7	74.2	Begin displacement	3,		
2:09 AM		125.0		74.2		with 5 bbls cement circulated to pit		
2:11 AM				74.2	Washed up and rigged	down		
2:33 AM				74.2	Left location			
				9				
					Left surface swedge or	location		
	_							
	\dashv							
	-					0		
	\dashv							
-								
	-							***************************************
-+								***
	S SAME	CREW			UNIT		SUMMAR'	Y
Come	enter:	John	STATE OF THE PARTY		73	Average Rate	Average Pressure	Total Fluid
Ceme	2.23				208	4.2 bpm	194 psi	74 bbls
Pump Oper	rator	Jose	v		208			



CEMENT TRE	ATMEN	T REP	ORT					
Customer:	Satchell	Creek	Petroleum	Well:	Cathe	dral A #2	Ticket:	WP 3368
City, State:	Victoria KS		County:	FII	s KS	Date:	9/13/2022	
	Taylor Leiker		S-T-R:		S-17W	Service:	2 Stage	
	Taylor L						OCI IIICE.	
Downhole I	nformatio	on		Calculated S	lurry - Lead		Calcu	ılated Slurry - Tail
Hole Size:	7 7/8	in		Blend:	Н-ВТ		Blend:	H-Con
Hole Depth:	3655	ft		Weight:	15.5 ppg		Weight:	12 ppg
Casing Size:	5 1/2	in		Water / Sx:	3.8 gal / sx		Water / Sx:	15.5 gal / sx
Casing Depth:	3644	ft		Yield:	1.04 ft ³ / sx		Yield:	2.56 ft ³ / sx
Tubing / Liner:		in		Annular Bbls / Ft.:	0.0309 bbs / ft.		Annular Bbls / Ft.:	0.0309 bbs / ft.
Depth:		ft		Depth:	3644 ft	_	Depth:	1221 ft
Tool / Packer:	DV T			Annular Volume:	112.6 bbls	-	Annular Volume:	37.7289 bbls
Tool Depth:	1221			Excess:		-	Excess:	
Displacement:	85.7		COLVE	Total Slurry:	29.6 bbls	-	Total Slurry:	136.7 bbls
TIME RATE		STAGE BBLs	TOTAL BBLs	Total Sacks:	160 sx		Total Sacks:	300 sx
6:10 AM	3.		-	Arrived on location				
6:20 AM		-		Safety meeting				
6:30 AM				Rigged up			-	
11:37 AM			_	Set DV Tool between jo	ints 57-58 @ 1221'			-
12:18 PM				Casing on bottom				
12:44 PM			-	Dropped ball and circul	ated mud 1 hour			
1:56 PM 3.5	150.0	10.0	10.0	Water ahead				
1:59 PM 3.5	200.0	12.0	22.0	Pumped 500 gallons mu	ud flush			
2:04 PM 3.5	200.0	10.0	32.0	Water behind				
2:17 PM 3.8	250.0	29.6	61.6	Mixed 160 sacks Lead I	H-BT cement @ 15.5 pp	g mud scale ve	erified	
2:29 PM			61.6	Shut down, loaded plug	, cleared pump and lin	es		
2:36 PM 6.2	200.0	50.0		Begin water displaceme	ent with 2% KCL in first	40 bbls		
2:46 PM 6.2	300.0	35.7		Begin mud displacemen	nt			
2:52 PM	1,300.0			Plug down with 550 lan	ding psi and 1300 bum	psi		
2:55 PM				Released pressure plug		to tank		
3:01 PM				Dropped bomb and wai				
3:24 PM 2.0	1,000.0	0.5		Opened tool 2 bpm @ 1	000 psi with .5 bbl muc	and circulate	d for 2 hours	
5:29 PM 3.4	100.0	10.0		Water ahead	- le plus			
5:35 PM 2.7	100.0	13.6		Mixed 30 sacks for rat h		mud so-l-	orified	
5:42 PM 5.5 6:04 PM	250.0	123.1		Mixed 270 sacks Tail H- Shut down, loaded plug			ermeu	
6:04 PM 6.2	250.0	29.0		Begin displacement	, created pullip and IIII	,,,		
6:14 PW 6.2 6:21 PM	1,450.0	23.0		Plug down with 450 lan	ding psi and 1450 hum	psi. cement	was spotted in cellar	
6:23 PM	1,400.0			Released pressure plug			opottod in condi	
6:25 PM				Washed up and rigged				
7:00 PM				Left location				
	CREW			UNIT			SUMMARY	
Cementer:	John			73	Aver	ge Rate	Average Pressure	Total Fluid
Pump Operator:	Jose	V		208	4.	2 bpm	442 psi	324 bbls
Bulk #1:	Tyler			527-235				
Bulk #2:	Kale			180-250		***		

ftv: 15-2021/01/25 mplv: 337-2022/09/12



Operation:

Uploading recovery & pressures

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

Rig #1

Elevation: 2029 Sur Field Name: Catharine East

Pool: Infield Job Number: 603

API #: 15-051-27050-00-00

DATE September

Septembe 12 2022 DST #1 Formation: LKC I - L Test Interval: 3359 - Total Depth: 3655'

3550'

Time On: 00:27 09/12 Time Off: 07:58 09/12

Time On Bottom: 03:51 09/12 Time Off Bottom: 05:51 09/12

Electronic Volume Estimate:

45'

1st Open Minutes: 30 Current Reading:

4.1" at 30 min

Max Reading: 4.1"

1st Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"

2nd Open Minutes: 30 Current Reading:

1" at 30 min

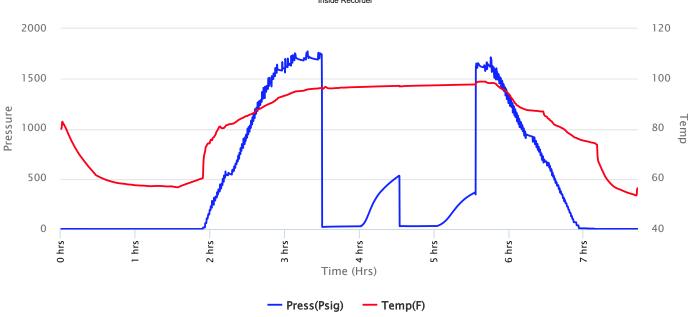
Max Reading: 1"

2nd Close Minutes: 30 Current Reading:

0" at 30 min

Max Reading: 0"

Inside Recorder





Company: Satchell Creek Petroleum, LLC Lease: Cathedral #A-2

Operation:

Uploading recovery & pressures

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

Rig #1

Elevation: 2029 Sur

Field Name: Catharine East

Pool: Infield Job Number: 603

API#: 15-051-27050-00-00

DATE September

12 2022 **DST #1** Formation: LKC I - L Total Depth: 3655' Test Interval: 3359 -

3550'

Time Off: 07:58 09/12 Time On: 00:27 09/12

Time On Bottom: 03:51 09/12 Time Off Bottom: 05:51 09/12

Recovered

Foot BBLS 40 0.5692 **Description of Fluid SLOCM**

Gas % Oil % 0 1

Water % 0

Mud % 99

Total Recovered: 40 ft

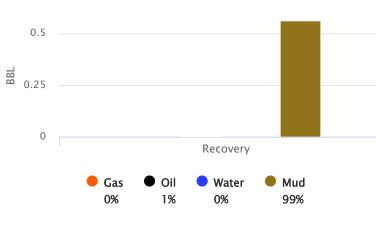
Total Barrels Recovered: 0.5692

Reversed Out NO

Initial Hydrostatic Pressure	1745	PSI
Initial Flow	21 to 28	PSI
Initial Closed in Pressure	533	PSI
Final Flow Pressure	29 to 30	PSI
Final Closed in Pressure	368	PSI
Final Hydrostatic Pressure	1655	PSI
Temperature	98	°F
Pressure Change Initial	31.0	%
Close / Final Close		

GIP cubic foot volume: 0

Recovery at a glance





Operation:

Uploading recovery & pressures

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

Rig #1

Elevation: 2029 Sur

Field Name: Catharine East

Pool: Infield Job Number: 603

API #: 15-051-27050-00-00

DATE

September

12

2022

DST #1 Formation: LKC I - L

Test Interval: 3359 -

Total Depth: 3655'

3550'

Time On: 00:27 09/12

Time Off: 07:58 09/12

Time On Bottom: 03:51 09/12 Time Off Bottom: 05:51 09/12

BUCKET MEASUREMENT:

1st Open: 1.75 built to 3.5 1st Close: No return

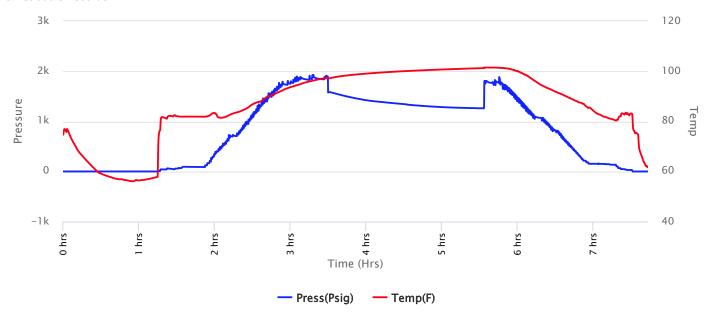
2nd Open: Surface blow built to .5

2nd Close: No return

REMARKS:

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

Below Straddle Recorder





Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

Rig #1

Elevation: 2029 Sur

Field Name: Catharine East

Pool: Infield Job Number: 603

API#: 15-051-27050-00-00

pressures

Operation:

Uploading recovery &

DATE September

່ 12

2022

DST #1 Formation: LKC I - L Test Interval: 3359 - Total Depth: 3655'

3550'

Time On: 00:27 09/12 Time Off: 07:58 09/12

Time On Bottom: 03:51 09/12 Time Off Bottom: 05:51 09/12

Down Hole Makeup

Heads Up: 23.21 FT Packer 1: 3354.42 FT

Drill Pipe: 3350.06 FT **Packer 2:** 3359.42 FT

ID-3 1/2

Packer 3: 3550 FT

Weight Pipe: FT Top Recorder: 3343.84 FT

Collars: 0 FT Bottom Recorder: 3522 FT

ID-2 1/4

Test Tool: 33.57 FT Below Straddle Recorder: 3647 FT

ID-3 1/2-FH Well Bore Size: 7 7/8

Jars
Safety Joint
Safety Surface Choke: 1"

Bottom Choke: 5/8"

_ _ _ _

Anchor Makeup
Packer Sub: 1 FT

190.58

Perforations: (top): 3 FT

Total Anchor:

4 1/2-FH

Change Over: .5 FT

Drill Pipe: (in anchor): 156.58 FT

ID-3 1/2

Change Over: .5 FT

Perforations: (below): 29 FT

4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

Change Over: 1 FT

Drill Pipe: 93.71 FT

ID-3 1/2"

Change Over: 1 FT

Perforations (in tail pipe): 9 FT

4 1/2-FH



Operation:

Uploading recovery & pressures

Company: Satchell Creek

Petroleum, LLC

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

Rig #1

Elevation: 2029 Sur

Field Name: Catharine East

Pool: Infield

Job Number: 603

API#: 15-051-27050-00-00

DATE

September

12

2022

DST #1

Formation: LKC I - L

Test Interval: 3359 -

Total Depth: 3655'

3550'

Time On: 00:27 09/12

Time Off: 07:58 09/12

Time On Bottom: 03:51 09/12 Time Off Bottom: 05:51 09/12

Mud Properties

Mud Type: Chem Weight: 9.6 Viscosity: 49 Filtrate: 8.8 Chlorides: 12000 ppm



Operation:

Uploading recovery & pressures

Company: Satchell Creek

Petroleum, LLC

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

Rig #1

Elevation: 2029 Sur

Field Name: Catharine East

Pool: Infield

Job Number: 603

API #: 15-051-27050-00-00

DATE

September

12

2022

DST #1 Formation: LKC I - L Test Interval: 3359 -

Total Depth: 3655'

3550'

Time On: 00:27 09/12 Time Off: 07:58 09/12

Time On Bottom: 03:51 09/12 Time Off Bottom: 05:51 09/12

Gas Volume Report

1st Open 2nd Open

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



Operation:

Well Complete

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

LLC - Rig 1

Elevation: 2029 GL

Field Name: Catharine East

Pool: Infield Job Number: 603

API #: 15-051-27050-00-00

DATE September

12 2022 **DST #2** Formation: Topeka Test Interval: 3030 -

Total Depth: 3655'

2nd Close

N/A

3072'

Time On: 10:15 09/12 Time Off: 16:02 09/12

Time On Bottom: 12:35 09/12 Time Off Bottom: 13:45 09/12

Electronic Volume Estimate:

0'

1st Open Minutes: 30 **Current Reading:**

0" at 30 min

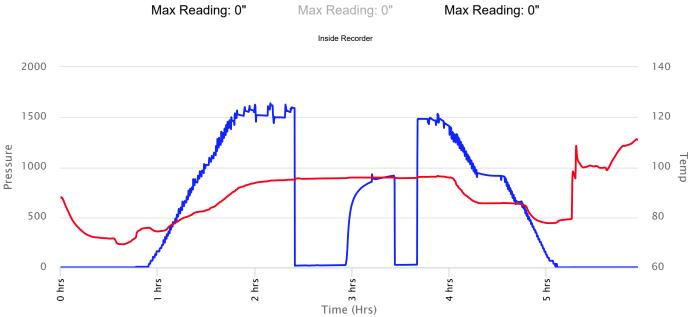
1st Close Minutes: 30 **Current Reading:**

0" at 30 min

2nd Open Minutes: 10

Current Reading:

0" at 10 min



Press(Psig)

Temp(F)



Company: Satchell Creek Petroleum, LLC Lease: Cathedral #A-2

Operation:

Well Complete

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

LLC - Rig 1

Elevation: 2029 GL

Field Name: Catharine East

Pool: Infield Job Number: 603

API#: 15-051-27050-00-00

DATE

September

12

2022

DST #2 Formation: Topeka

Test Interval: 3030 -Total Depth: 3655'

0

3072'

Time On: 10:15 09/12 Time Off: 16:02 09/12

Time On Bottom: 12:35 09/12 Time Off Bottom: 13:45 09/12

Recovered

<u>Foot</u> **BBLS** 10 0.1423 **Description of Fluid** Μ

Gas % Oil % 0

Water % 0

Mud % 100

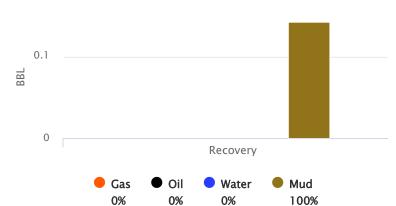
Total Recovered: 10 ft

Total Barrels Recovered: 0.1423

Reversed Out NO

Initial Hydrostatic Pressure	1590	PSI
Initial Flow	18 to 24	PSI
Initial Closed in Pressure	913	PSI
Final Flow Pressure	25 to 28	PSI
Final Closed in Pressure	0	PSI
Final Hydrostatic Pressure	1483	PSI
Temperature	96	°F
Pressure Change Initial	0.0	%

Pressure Change Initial Close / Final Close



Recovery at a glance

GIP cubic foot volume: 0



Operation:

Well Complete

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

LLC - Rig 1

Elevation: 2029 GL

Field Name: Catharine East

Pool: Infield Job Number: 603

API #: 15-051-27050-00-00

DATE

September

12

2022

DST #2 Formation: Topeka Total Depth: 3655' Test Interval: 3030 -

3072'

Time On: 10:15 09/12 Time Off: 16:02 09/12

Time On Bottom: 12:35 09/12 Time Off Bottom: 13:45 09/12

BUCKET MEASUREMENT:

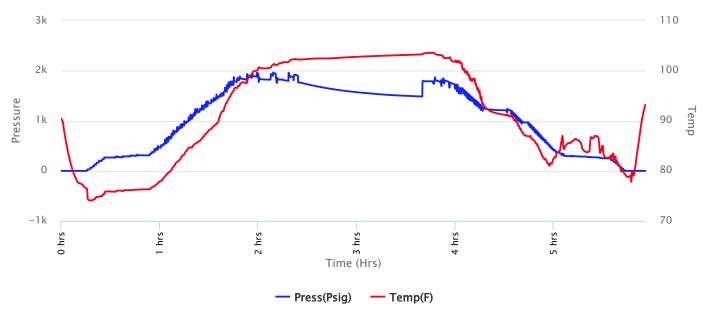
1st Open: 1/2 in. blow. Died in 3 mins.

1st Close: No blow back. 2nd Open: No blow. 2nd Close: N/A

REMARKS:

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

Below Straddle Recorder





Operation:

Well Complete

Company: Satchell Creek Petroleum, LLC

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

LLC - Rig 1

Elevation: 2029 GL

Field Name: Catharine East

Pool: Infield

Job Number: 603

API #: 15-051-27050-00-00

3641 FT

DATE

September

12

2022

DST #2 Formation: Topeka Test Interval: 3030 -Total Depth: 3655'

3072'

Time On: 10:15 09/12 Time Off: 16:02 09/12

Time On Bottom: 12:35 09/12 Time Off Bottom: 13:45 09/12

Down Hole Makeup

Heads Up: 37.65 FT Packer 1: 3025 FT

Drill Pipe: 3035.08 FT Packer 2: 3030 FT

ID-3 1/2 Packer 3: 3072 FT

Weight Pipe: FT Top Recorder: 3014.42 FT

Collars: 0 FT **Bottom Recorder:** 3032 FT

ID-2 1/4 **Below Straddle Recorder:**

Test Tool: 33.57 FT

Well Bore Size: 7 7/8 ID-3 1/2-FH

Surface Choke: 1" Safety Joint

Bottom Choke: 5/8" **Total Anchor:** 42

Anchor Makeup

Jars

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): 41 FT

4 1/2-FH

STRADDLE

Straddle Packer(s): 1 FT

> **Change Over:** 1 FT

> > **Drill Pipe:** 565.57 FT

ID-3 1/2"

Change Over: 1 FT

Perforations (in tail pipe): 15 FT

4 1/2-FH



Operation:

Well Complete

Company: Satchell Creek

Petroleum, LLC

DST #2

Lease: Cathedral #A-2

SEC: 11 TWN: 13S RNG: 17W

County: ELLIS State: Kansas

Drilling Contractor: Feature Drilling

LLC - Rig 1

Elevation: 2029 GL

Field Name: Catharine East

Pool: Infield Job Number: 603

API#: 15-051-27050-00-00

DATE

September

12 2022

Formation: Topeka Test Interval: 3030 - Total Depth: 3655'

3072'

Time On: 10:15 09/12 Time Off: 16:02 09/12

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Mud Properties

Mud Type: Chemical Weight: 9.6 Viscosity: 49 Filtrate: 8.8 Chlorides: 12,000 ppm



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LLC - Rig 1

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DATE September

Well Complete

12 2022

DST #2 Formation: Topeka Test Interval: 3030 - Total Depth: 3655'

3072'

Time On: 10:15 09/12 Time Off: 16:02 09/12

Time On Bottom: 12:35 09/12 Time Off Bottom: 13:45 09/12

Gas Volume Report

1st Open 2nd Open

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