

Sec. _____ Twp. _____ S. R. _____ ☐ East ☐ West County: _____

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 <i>(Attach Additional Sheets)</i>	☐ Yes	☐ No	☐ Log	Formation (Top), Depth and Datum	☐ Sample
Samples Sent to Geological Survey	☐ Yes	☐ No	Name	Top	Datum
Cores Taken	☐ Yes	☐ No			
Electric Log Run	☐ Yes	☐ No			
Geologist Report / Mud Logs	☐ Yes	☐ No			
List All E. Logs Run:					

CASING RECORD ☐ New ☐ 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
☐ Perforate				
☐ Protect Casing				
☐ Plug Back TD				
☐ 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: ☐ Flowing ☐ Pumping ☐ Gas Lift ☐ Other (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
☐ Vented ☐ Sold ☐ Used on Lease <i>(If vented, Submit ACO-18.)</i>	☐ Open Hole ☐ Perf. ☐ Dually Comp. ☐ Commingled <i>(Submit ACO-5)</i> <i>(Submit ACO-4)</i>	Top	Bottom

Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid, Fracture, Shot, Cementing Squeeze Record (Amount and Kind of Material Used)

TUBING RECORD:	Size:	Set At:	Packer At:	
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Form	ACO1 - Well Completion
Operator	Rockhound Petroleum, LLC
Well Name	LUCAS 2
Doc ID	1853444

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	257	Common	220	N/A
Production	7.875	5.5	15.5	4135	Common	550	N/A

[illegible]

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 1/4% 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.

ftv: 7-2020/11/30
mply: 509-2025/06/09

TREATMENT REPORT

Customer: ROCKHOUND PETROLEUM LLC

City, State: **MACKSVILLE KS**

Field Rep: KETON JONES

Well: LUCAS 2

County: STAFFORD KS

S-T-R: 4-24S-15W

Ticket: WP6454

Date: 7/31/2025

Service: SQ

Downhole Information

Hole Size: in

Hole Depth: _____ ft

Casing Size:	5 1/2 in
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Casing Depth: ft

Tubing / Liner: 2 3/8 in

Depth: ft**Tool / Packer:**

Tool Depth: _____ **ft**

Displacement:	16.2 bbl
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Calculated Slurry - Lead

Blend: **CLASS A**

Weight: 15.3 ppg

Water / Sx:	5.6 gal / sx
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Yield: 1.23 ft³ / sx

Annular Bbls / Ft.: **bbs / ft.**Depth: ft**Annular Volume: 0.0 bbls**

Excess:

Total Slurry: 10.5 bbls

Total Sacks: 50 sx

Calculated Slurry - Tail

Blend: **CLASS A**

Weight: 15.6 ppg

Water / Sx:	5.2 gal / sx
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Yield: **1.18 ft³ / sx**

Annular Bbls / Ft.: bbs / ft.

Depth: _____ ft

Annular Volume: 0 bbls

Excess:

Total Slurry:	15.7 bbls
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Total Sacks:	75 sx
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			STAGE	TOTAL	T
TIME	RATE	PSI	BBLs	BBLs	REMARKS

10:15 AM			-	-	ON LOCATION
11:03 AM		500.0	5.0	5.0	LOAD BACKSIDE AND PRESSURE TO 500 PSI
11:07 AM	3.3	700.0	8.5	13.5	INJECTION RATE
11:29 AM	3.2	60.0	10.5	24.0	MIX 50 SKS CLASS A WITH FLUID LOSS
11:33 AM	3.1	700.0	15.7	39.7	MIX 50 SKS CLASS A
11:40 AM	3.0	25.0	7.0	46.7	WASH PUMP AND LINE
11:44 AM	3.0	580.0		46.7	START DISPLACEMENT
11:50 AM		960.0	15.5	62.2	PACKER CLEARED BY 1 BBL, SHUT DOWN
				62.2	STAGING
2:15 PM		2,500.0	16.2	78.4	HOLDING 2500 PSI
2:17 PM					RELEASED AND HELD
				-	RIG IS PULLING ALL JOINTS OUT OF WELL, TOOL MAN SAID THERE IS NO NEED TO REVERSE OUT
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	
				-	JOB COMPLETE, THANK YOU!
				-	MIKE MATTAL
				-	SCOTT, BRIAN,& MIKE
				-	

CREW		UNIT	SUMMARY		
Cementer:	MATTAL	955	Average Rate	Average Pressure	Total Fluid
Pump Operator:	CALLAWAY	539/521	3.1 bpm	753 psi	78 bbls
Bulk #1:	WHITFIELD	176/532			
Bulk #2:	M MCGRAW				



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ftv: 16-2022/08/12
mply: 509-2025/06/09

AD TREATMENT REPORT

Customer: ROCKHOUND PETROLEUM

City, State:

Field Rep:

Well: LUCAS #2

County: STAFFORD, KS

S-T-R: 4-24S-15W

Ticket: WP 6474

Date: 7/14/2025

Service: **BREAK /SQUEEZE**

WELL DATA

SIZE	WEIGHT	DEPTH	VOLUME
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TUBING: 2 3/8

CASING: 5 1/2

ANNULUS:

OPEN HOLE: AK- BREAKDOWN WITH ACID THEN SQUEEZE KC PERFS

BRIDGE PLUG:	3965'	PACKER:	3853'
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PERFORATIONS

SHOTS FT.

FROM: 3869'

FROM:

FROM:

FROM:

FROM:

TO: 3873'

TO:

TO:

TO:

TO:

TREATMENT

MAX PRESSURE:	2,500.0
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AVG. INJ. RATE:	1.2
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AVG. INJ. PRESSURE:	971.4
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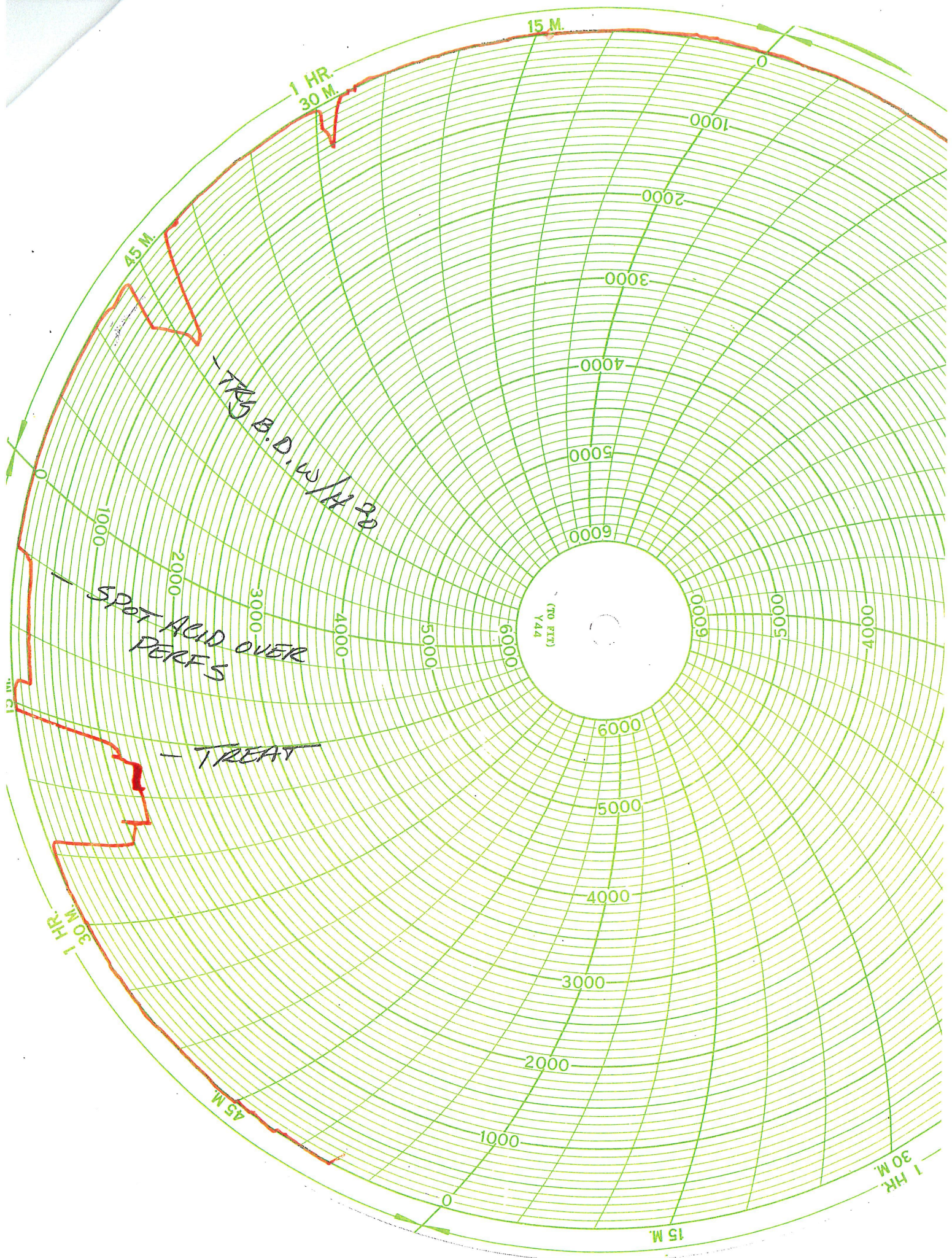
SHUT IN PRESSURE: _____

TOTAL FLUID PUMPED:	16.0
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TREATMENT INSTRUCTIONS

!00 GAL- 15% HCL + AHIB - BREAKDOWN SLOW LEAK @ KC PERFS AND THEN SQUEEZE THEM OFF

[illegible]



1 HR.
30 M.

15 M.

45 M.

TRG B.D.W. / 12 20

SPOT ACID OVER
PERFS

TREAT

1 HR.
30 M.

45 M.

15 M.

1 HR.
30 M.

(TO FIT)
Y44



Customer:	ROCKHOUND PETROLEUM	Well:	LUCAS #2	Ticket:	WP 6474
City, State:		County:	STAFFORD, KS	Date:	7/14/2025
Field Rep:		S-T-R:	4-24S-15W	Service:	BREAK /SQUEEZE

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	7 in	Blend:	CLASS A + FLUID LOSS	Blend:	CLASS A
Hole Depth:	ft	Weight:	15.2 ppg	Weight:	15.6 ppg
Casing Size:	5 1/2 in	Water / Sx:	5.7 gal / sx	Water / Sx:	5.2 gal / sx
Casing Depth:	ft	Yield:	1.25 ft ³ / sx	Yield:	1.18 ft ³ / sx
Tubing / Liner:	TIGHT LE in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:	3761'	Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	16.5 bbls	Total Slurry:	5.6 bbls	Total Slurry:	10.5 bbls
		Total Sacks:	25 sx	Total Sacks:	50 sx
STAGE	TOTAL				

[illegible]

CREW			UNIT		SUMMARY		
Cementer:	LESLEY	936		Average Rate	Average Pressure	Total Fluid	
Pump Operator:	MARTINEZ	523-324		1.4 bpm	1,199 psi	73 bbls	
Bulk #1:	M. McGRAW	271					
Bulk #2:	JULLIAN	206					