

Form	ACO1 - Well Completion
Operator	RH Capital-Beets, LLC
Well Name	LAWSON 9
Doc ID	1850772

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	9.875	7	15	40	OWC	19	n/a
Production	5.875	2.875	6	732	OWC	88	n/a

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.

ftv: 15-2021/01/25
mplv: 497-2025/04/03

**CEMENT TREATMENT REPORT**

Customer:	RH Capital-Beets	Well:	Lawson 9, I-4	Ticket:	EP17146
City, State:	Jefferson City, MO	County:	DG, KS	Date:	4/16/2025
Field Rep:	Zach Devorss	S-T-R:	15-14-20	Service:	LS & Surface

Downhole Information					Calculated Slurry - Lead					Calculated Slurry - Tail				
Hole Size:	5 7/8 in				Blend:					Blend:				
Hole Depth:	739 ft				Weight:	ppg				Weight:	ppg			
Casing Size:	2 7/8 in				Water / Sx:	gal / sk				Water / Sx:	gal / sk			
Casing Depth:	734.45 ft				Yield:	ft ³ / sk				Yield:	ft ³ / sk			
Tubing / Liner:	in				Annular Bbls / Ft.:	bbs / ft.				Annular Bbls / Ft.:	bbs / ft.			
Depth:	ft				Depth:	ft				Depth:	ft			
Tool / Packer:					Annular Volume:	0.0 bbls				Annular Volume:	0 bbls			
Tool Depth:	ft				Excess:					Excess:				
Displacement:	4.25 bbls				Total Slurry:	bbls				Total Slurry:	0.0 bbls			
					Total Sacks:	0 sks				Total Sacks:	0 sks			

TIME	RATE	PSI	STAGE	TOTAL	REMARKS
			BBLs	BBLs	
2:00 PM			-	-	on location, held safety meeting
				-	
				-	#9
	4.5			-	established circulation
	4.5			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.5			-	mixed and pumped 88 sks OWC cement w/ 1/2# PS per sk, cement to surface
	4.5			-	flushed pump clean
	1.5			-	pumped 2 7/8" rubber plug to casing TD w/ 4.25 bbls fresh water
	1.5			-	pressured to 900 PSI, well held pressure
				-	released pressure to set float valve, float held
				-	washed up equipment
				-	
				-	#1-4 - 7" - 35'
	4.5			-	established circulation
	4.5			-	mixed and pumped 16 sks OWC cement w/ 1/2# PS per sk, cement to surface
	3.0			-	displaced cement w/ 1.2 bbls fresh water
				-	shut in casing
	4.5			-	washed up equipment
				-	
3:00 PM				-	left location
				-	
				-	
				-	
				-	
				-	
				-	
				-	

CREW			UNIT			SUMMARY		
Cementer:	Casey Kennedy		931			Average Rate	Average Pressure	Total Fluid
Pump Operator:	Wes Callahan		207			3.8 bpm	- psi	- bbls
Bulk:	Logan Walter		248					
H2O:	Doug Gipson		303					

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ftv: 15-2021/01/25
mplv: 497-2025/04/03

**CEMENT TREATMENT REPORT**

Customer:	RH Capital-Beets	Well:	Lawson 12, 9	Ticket:	EP17139
City, State:	Jefferson City, MO	County:	DG, KS	Date:	4/15/2025
Field Rep:	Zach Devorss	S-T-R:	15-14-20	Service:	LS & Surface

Downhole Information		Calculated Slurry - Lead		Calculated Slurry - Tail	
Hole Size:	5 7/8 in	Blend:	OWC 1/2# PS	Blend:	
Hole Depth:	737 ft	Weight:	14.70 ppg	Weight:	ppg
Casing Size:	2 7/8 in	Water / Sx:	6.77 gal / sk	Water / Sx:	gal / sk
Casing Depth:	731.85 ft	Yield:	1.45 ft ³ / sk	Yield:	ft ³ / sk
Tubing / Liner:	in	Annular Bbls / Ft.:	bbs / ft.	Annular Bbls / Ft.:	bbs / ft.
Depth:	ft	Depth:	ft	Depth:	ft
Tool / Packer:		Annular Volume:	0.0 bbls	Annular Volume:	0 bbls
Tool Depth:	ft	Excess:		Excess:	
Displacement:	4.24 bbls	Total Slurry:	22.47 bbls	Total Slurry:	0.0 bbls
		Total Sacks:	87 sks	Total Sacks:	0 sks

TIME	RATE	PSI	BBLs	TOTAL BBLs	REMARKS
3:00 PM			-	-	on location, held safety meeting
				-	
				-	#12 - well was flowing prior to cementing
	4.5			-	mixed and pumped 200# Bentonite Gel followed by 4 bbls fresh water
	4.5			-	mixed and pumped 87 sks OWC cement w/ 1/2# PS per sk, cement to surface
	4.5			-	flushed pump clean
	1.5			-	pumped 2 7/8" rubber plug to casing TD w/ 4.24 bbls fresh water
	1.5			-	pressured to 900 PSI, well held pressure
				-	released pressure to set float valve, float held
	4.5			-	washed up equipment
				-	
				-	
				-	#9 - surface - 7" - 38'
	4.5			-	established circulation
	4.5			-	mixed and pumped 19 sks OWC cement w/ 1/2# PS per sk, cement to surface
	3.0			-	displaced cement w/ 1.2 bbls fresh water
				-	shut in casing
	4.5			-	washed up equipment
				-	
4:00 PM				-	left location
				-	
				-	
				-	
				-	
				-	
				-	
				-	

CREW		UNIT	SUMMARY		
Cementer:	Casey Kennedy	931	Average Rate	Average Pressure	Total Fluid
Pump Operator:	Wes Callahan	207	3.8 bpm	- psi	- bbls
Bulk:	Drew Beckwith	248			
H2O:	Doug Gipson	303			

McGOWN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #					Casing			
RH Capital Lawson #9					Surface		Longstring	
					Size:	7 "	Size:	2 7/8 "
					Tally:	40.0 '	Tally:	732.0 '
API #:	045-22320	S-T-R:	15-14S-20E		Cement:	8 sx	Bit:	5 7/8 "
County:	Douglas	Date:	4/15/2025	Bit:	9 7/8 "	Date:	4/16/2025	
Top	Base	Formation		Top	Base	Formation		
0	2	soil		399	406	shale		
2	18	clay		406	412	lime		
18	20	gravel		412	457	shale		
20	37	shale		457	458	lime		
37	48	lime		458	564	shale		
48	58	shale		564	591	lime		
58	75	lime		591	595	shale		
75	83	shale		595	597	lime		
83	91	lime		597	609	shale		
91	98	shale		609	612	lime		
98	115	lime		612	627	shale		
115	116	shale		627	631	lime		
116	118	lime		631	650	shale		
118	151	shale		650	655	lime		
151	170	lime		655	679	shale		
170	229	shale		679	680	lime		
229	235	lime		680	691	shale		
235	239	shale		Float Equipment				
239	252	lime		Qty	Size			
252	254	shale		1	2 7/8	Float Shoe		
254	256	lime						
256	271	shale		3	2 7/8	Centralizers		
271	286	lime		1	2 7/8	Casing clamp		
286	298	shale						
298	300	lime		Sand / Core Detail				
300	315	shale		Core #1:		Core #2:		
315	320	lime		Core #3:		Core #4:		
320	327	shale		691	694	sand		
327	329	lime		694		shale		
329	336	shale						
336	345	lime		691	694	good odor, good bleed, solid sand		
345	355	shale						
355	364	lime						
364	371	shale						
371	394	lime						
394	398	shale						
398	399	lime						
		Total Depth:		737				