

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>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Log	Formation (Top), Depth and Datum	<input type="checkbox"/> Sample
Samples Sent to Geological Survey	<input type="checkbox"/> Yes	<input type="checkbox"/> No	Name	Top	Datum
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:					

<div style="text-align: center;"> CASING RECORD <input type="checkbox"/> New <input type="checkbox"/> Used Report all strings set-conductor, surface, intermediate, production, etc. </div>							
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 (Explain) _____			
Estimated Production Per 24 Hours	Oil Bbls.	Gas Mcf	Water	Bbls.	Gas-Oil Ratio Gravity

DISPOSITION OF GAS:	METHOD OF COMPLETION:	PRODUCTION INTERVAL:	
<input type="checkbox"/> Vented <input type="checkbox"/> Sold <input type="checkbox"/> Used on Lease <i>(If vented, Submit ACO-18.)</i>	<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>	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	RJ Energy, LLC
Well Name	BADER 13I
Doc ID	1515953

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	17	40	portland	5	
Production	5.875	2.875	6.5	1005	portland	125	

HAMMERSON CORPORATION

PO BOX 189
Gas, KS 66742

Invoice

Date	Invoice #
3/11/2020	16074G

Bill To
R.J. ENERGY LLC 22082 NE NEOSHO RD GARNETT, KS 66032

P.O. No.	Terms	Project
	Due on receipt	

Quantity	Description	Rate	Amount
125	WELL MUD (\$8.00 PER SACK) Bader 27 Ticket #16062 & #16063	8.00	1,000.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
125	WELL MUD (\$8.00 PER SACK) Bader 131 Ticket #16064 & #16065	8.00	1,000.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
125	WELL MUD (\$8.00 PER SACK) Bader 25 Ticket #16078 & #16079	8.00	1,000.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
125	WELL MUD (\$8.00 PER SACK) Bader 26 Ticket #16085 & #16086	8.00	1,000.00T
1.25	TRUCKING (\$50 PER HOUR)	50.00	62.50T
125	WELL MUD (\$8.00 PER SACK) Bader 131 Ticket #16095 & #16096	8.00	1,000.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
125	WELL MUD (\$8.00 PER SACK) Bader 24 Ticket #16100 & #16101	8.00	1,000.00T
1	TRUCKING (\$50 PER HOUR)	50.00	50.00T
	SALES TAX	6.50%	410.31
Thank you for your business.		Total	\$6,722.81

McGOWAN

DRILLING, INC.

Mound City, KS

620.224.7406

Well #					Casing			
Bader #13-I RJ ENERGY, LLC					Surface		Longstring	
					Size:	7.0 "	Size:	2 7/8 "
					Tally:	40 '	Tally:	1005.35 '
					Cement:	5 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	3/5/2020					
API #:	15-031-24452	S-T-R:	11-23-16E					
County:	Coffey	Date:	3/4/2020					
Top	Base	Formation		Top	Base	Formation		
0	4	Soil						
4	28	Clay & Gravel						
28	125	Shale						
125	140	Lime						
140	158	Sand White						
158	227	Lime						
227	291	Shale						
291	302	Lime						
302	314	Shale						
314	416	Lime						
416	451	Shale						
451	527	Lime						
527	534	Shale						
534	583	Lime						
583	748	Shale						
748	751	Lime						
751	768	Shale						
768	779	Lime						
779	844	Shale						
844	872	Lime						
872	887	Shale						
887	896	Lime						
896	909	Shale						
909	915	Lime						
915	961	Shale		Sand / Core Detail				
961	970	Sand		Core #1:		Core #2:		
970		Sandy Shale		961	966	Slight bleed, good odor, laminated, mostly shale.		
1008		TD						
				966	970	Good odor, good bleed, slightly laminated.		
				970		Sandy Shale.		