KOLAR Document ID: 1515673

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 # 3728
Name: RJ Energy, LLC
Address 1: 22082 NE NEOSHO RD
Address 2:
City: GARNETT State: KS Zip: 66032 + 1918
Contact Person: Jason Kent
Phone: (785) 448-4101
CONTRACTOR: License # 3728
Name: RJ Energy, LLC
Wellsite Geologist: n/a
Purchaser:

Designate Type of Completion:
☑ New Well ☐ Re-Entry ☐ Workover
☐ Oil ☐ WSW ☐ SWD
☐ Gas ☐ DH ☑ EOR
☐ OG ☐ GSW
☐ CM *(Coal Bed Methane)*
☐ Cathodic ☐ Other *(Core, Expl., etc.)*:

If Workover/Re-entry: Old Well Info as follows:
Operator:
Well Name:
Original Comp. Date: Original Total Depth:
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD
☐ Plug Back ☐ Liner ☐ Conv. to GSW ☐ Conv. to Producer

☐ Commingled Permit #:
☐ Dual Completion Permit #:
☐ SWD Permit #:
☐ EOR Permit #:
☐ GSW Permit #:

2/12/2020	2/14/2020	2/14/2020
Spud Date or Recompletion Date	Date Reached TD	Completion Date or Recompletion Date

API No.: 15-031-24433-00-00
Spot Description:
SE - NW - NW - SW Sec. 11 Twp. 23 S. R. 16 ☑ East ☐ West
2056 Feet from ☐ North / ☑ South Line of Section
4791 Feet from ☑ East / ☐ West Line of Section
Footages Calculated from Nearest Outside Section Corner:
☐ NE ☐ NW ☑ SE ☐ SW
GPS Location: Lat: *(e.g. xx.xxxxx)* , Long: *(e.g. -xxx.xxxxx)*
Datum: ☐ NAD27 ☐ NAD83 ☐ WGS84
County: Coffey
Lease Name: BADER Well #: 20-I
Field Name: Neosho Falls-Leroy
Producing Formation: Squirrel
Elevation: Ground: 978 Kelly Bushing: 978
Total Vertical Depth: 1012 Plug Back Total Depth: 1000
Amount of Surface Pipe Set and Cemented at: 40 Feet
Multiple Stage Cementing Collar Used? ☐ Yes ☑ No
If yes, show depth set: Feet
If Alternate II completion, cement circulated from: 0
feet depth to: 1000 w/ 125 sx cmt.

Drilling Fluid Management Plan
(Data must be collected from the Reserve Pit)

Chloride content: ppm Fluid volume: bbls
Dewatering method used:
Location of fluid disposal if hauled offsite:
Operator Name:
Lease Name: License #:
Quarter Sec. Twp. S. R. ☐ East ☐ West
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:** Karen Ritter **Date:** 05/12/2020

Operator Name: RJ Energy, LLC Lease Name: BADER Well #: 20-I

Sec. 11 Twp. 23 S. R. 16 ☑ East ☐ West County: Coffey

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 ☐ Yes ☑ No
(Attach Additional Sheets)

Samples Sent to Geological Survey ☐ Yes ☑ No

Cores Taken ☐ Yes ☑ No

Electric Log Run ☐ Yes ☑ No

Geologist Report / Mud Logs ☐ Yes ☑ No

List All E. Logs Run:

☐ Log Formation (Top), Depth and Datum ☐ Sample

Name Top Datum

see log

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
Surface	9.875	7	17	40	portland	5	
Production	5.875	2.875	6.5	1000	portland	125	

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: Top	Bottom
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☑ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	969	975

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)*
1	969	975			

TUBING RECORD: Size: Set At: Packer At:

Mail to: KCC - Conservation Division, 266 N. Main, Suite 220, Wichita, Kansas 67202

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	BADER 20-I
Doc ID	1515673

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	1000	portland	125	

Invoice

HAMMERSON CORPORATION

PO BOX 189
Gas. KS 66742

Date	Invoice #
2/20/2020	15983

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 14I Ticket #15985 & #15986	8.00	1,000.00T
1	TRUCKING ($50 PER HOUR)	50.00	50.00T
140	WELL MUD ($8.00 PER SACK)Gleue Lease Ticket #15989 & #15990	8.00	1,120.00T
1.5	TRUCKING ($50 PER HOUR)	50.00	75.00T
140	WELL MUD ($8.00 PER SACK)Gleue Lease Ticket #15999 & #16000	8.00	1,120.00T
1.2	TRUCKING ($50 PER HOUR)	50.00	60.00T
125	WELL MUD ($8.00 PER SACK)Bader 28 Ticket #16007 & #16008	8.00	1,000.00T
1.5	TRUCKING ($50 PER HOUR)	50.00	75.00T
125	WELL MUD ($8.00 PER SACK)Bader 20I Ticket #16010 & #16011	8.00	1,000.00T
1	TRUCKING ($50 PER HOUR)	50.00	50.00T
	SALES TAX	6.50%	360.75

Thank you for your business.

Total $5,910.75

RJ Energy

22082 NE Neosho Rd Garnett, Kansas 66032

Bader 20-I

Start 2-12-20
Finish 2-14-20

3	soil	3	
19	clay/gravel	22	
105	shale	127	
15	lime	142	
10	shale	152	
67	lime	219	
68	shale	287	
15	lime	302	
8	shale	310	
104	lime	414	
42	shale	456	
66	lime	522	
8	shale	530	
53	lime	583	
184	shale	767	
10	lime	777	
67	shale	844	
33	lime	877	
11	shale	888	
5	lime	893	
16	shale	909	
7	lime	916	
6	shale	922	
6	lime	928	
32	shale	960	
9	sandy shale	969	odor
6	bkn sand	975	good show
37	shale	1012	T.D.

Set 40'of 7" w/5sxs
Ran 1000.4' of 2 ⅞
cemented to the surface
125sxs