KOLAR Document ID: 1459692

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: Roger Kent
Phone: (785) 448-6995
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 #:

3/6/2019 Spud Date or Recompletion Date
3/8/2019 Date Reached TD
3/8/2019 Completion Date or Recompletion Date

API No.: 15-031-24361-00-00
Spot Description:
NW - NW - NE - SW Sec. 13 Twp. 23 S. R. 16 ☑ East ☐ West
2475 Feet from ☐ North / ☑ South Line of Section
3767 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: BREWER Well #: 10-A
Field Name:
Producing Formation: Squirrel
Elevation: Ground: 975 Kelly Bushing: 975
Total Vertical Depth: 1002 Plug Back Total Depth: 1000
Amount of Surface Pipe Set and Cemented at: 41 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:** 05/08/2019

Operator Name: RJ Energy, LLC Lease Name: BREWER Well #: 10-A

Sec. 13 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 *(Attach Additional Sheets)*	☐ Yes	☑ No	☐ Log	Formation (Top), Depth and Datum ☐ Sample
Samples Sent to Geological Survey	☐ Yes	☑ No	Name	Top Datum
Cores Taken	☑ Yes	☐ No	see log	
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
Surface	9.875	7	17	41	portland	3	
Production	5.625	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:
☐ Vented ☐ Sold ☐ Used on Lease *(If vented, Submit ACO-18.)*	☐ Open Hole ☐ Perf. ☐ Dually Comp. *(Submit ACO-5)* ☐ Commingled *(Submit ACO-4)*	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:

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

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	BREWER 10-A
Doc ID	1459692

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	41	portland	3	
Production	5.625	2.875	6.5	1000	portland	125	

HAMMERSON CORPORATION

PO BOX 189
Gas, KS 66742

Invoice

Date	Invoice #
3/15/2019	14301

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)Brewer 10A Ticket # 14301 & 14302	8.00	1,000.00T
1	TRUCKING ($50 PER HOUR)	50.00	50.00T
125	WELL MUD ($8.00 PER SACK) Murray 7I Ticket # 14303 & 14304	8.00	1,000.00T
2.75	TRUCKING ($50 PER HOUR)	50.00	137.50T
	SALES TAX	6.50%	142.19

Thank you for your business.

Total $2,329.69

McGOWN DRILLING, INC.

Mound City, KS
620.224.7406

Well #			
Brewer #10-A RJ ENERGY, LLC			
API #:	15-031-24361	S-T-R:	13-23-16E
County:	Coffey	Date:	3/6/2019

Casing			
Surface		Longstring	
Size:	7.0 "	Size:	2 7/8 "
Tally:	41 '	Tally:	1000.15 '
Cement:	3 sx	Bit:	5.875 "
Bit:	9.875 "	Date:	3/8/2019

Top	Base	Formation
0	2	Soil
2	18	Clay
18	29	Sand & gravel
29	98	Shale
98	109	Lime
109	135	White Sand
135	177	Lime
177	274	Shale
274	279	Lime
279	292	Shale
292	303	Lime
303	310	Shale
310	314	Lime
314	326	Shale
326	384	Lime
384	394	Shale
394	399	Lime
399	435	Shale
435	499	Lime
499	509	Shale
509	553	Lime
553	728	Shale
728	736	Lime
736	748	Shale
748	754	Lime
754	811	Shale
811	825	Lime
825	841	Shale
841	845	Lime
845	882	Shale
882	891	Lime
891	939	Shale
939	956	Sand
956	959	Sandy shale
959	962	Sand
962	968	Bk Sand
968		
1002		

Total Depth: 1002

Sand / Core Detail		
Core #1:		Core #2:
939	946	Sandy shale & sand, laminated, mostly shale,
		slight odor.
946	953	Good odor, fair bleed to pit, laminated.
953	956	Good odor, good bleed, soft sand, slightly
		laminated.
956	959	Sandy shale
959	962	Good, good, good, bleed in samples.
962		Blk. Sand, no odor.