KOLAR Document ID: 1441945

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 #	API No.:
Name:	Spot Description:
Address 1:	
Address 2:	Feet from  North / South Line of Section
City: State: Zip:+	Feet from _ East / _ West Line of Section
Contact Person:	Footages Calculated from Nearest Outside Section Corner:
Phone: ()	□NE □NW □SE □SW
CONTRACTOR: License #	GPS Location: Lat:, Long:
Name:	(e.g. xx.xxxxx) (e.gxxx.xxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
	Producing Formation:
☐ Oil ☐ WSW ☐ SWD	Elevation: Ground: Kelly Bushing:
☐ Gas ☐ DH ☐ EOR	Total Vertical Depth: Plug Back Total Depth:
☐ OG ☐ GSW	Amount of Surface Pipe Set and Cemented at: Feet
CM (Coal Bed Methane) Cathodic Other (Core, Expl., etc.):	Multiple Stage Cementing Collar Used?
If Workover/Re-entry: Old Well Info as follows:	If yes, show depth set: Feet
•	If Alternate II completion, cement circulated from:
Operator:	•
Well Name:	feet depth to: sx cmt.
Original Comp. Date: Original Total Depth:	
☐ Deepening ☐ Re-perf. ☐ Conv. to EOR ☐ Conv. to SWD	Drilling Fluid Management Plan
Plug Back Liner Conv. to GSW Conv. to Producer	(Data must be collected from the Reserve Pit)
Commingled Permit #:	Chloride content: ppm Fluid volume: bbls
Dual Completion Permit #:	Dewatering method used:
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	·
GSW Permit #:	Operator Name:
	Lease Name: License #:
Spud Date or Date Reached TD Completion Date or	Quarter Sec. Twp. S. R. East West
Recompletion Date Recompletion Date	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 Approved by: Date:				

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#### Page Two

Operator Name: _				Lease Name:			Well #:	
Sec Twp.	S. R.	Ea	ast West	County:				
	flowing and shu	ıt-in pressures, w	hether shut-in pre	ssure reached st	atic level, hydrosta	tic pressures, bot		val tested, time tool erature, fluid recovery,
Final Radioactivity files must be subm						iled to kcc-well-lo	gs@kcc.ks.go\	. Digital electronic log
Drill Stem Tests Ta			Yes No		_	on (Top), Depth ar		Sample
Samples Sent to G	Geological Surv	ey	Yes No	Na	me		Тор	Datum
Cores Taken Electric Log Run Geologist Report / List All E. Logs Ru	_		Yes No Yes No Yes No					
		R			New Used	on, etc.		
Purpose of Strir		Hole	Size Casing Set (In O.D.)	Weight Lbs. / Ft.	Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
			ADDITIONAL	CEMENTING / S	QUEEZE RECORD	I		
Purpose:		epth Ty	pe of Cement	# Sacks Used		Type and F	Percent Additives	
Protect Casi								
Plug Off Zon								
<ol> <li>Did you perform a</li> <li>Does the volume o</li> <li>Was the hydraulic</li> </ol>	of the total base f	luid of the hydraulic	fracturing treatment	_	=	No (If No, sk	ip questions 2 an ip question 3) out Page Three (	,
Date of first Producti Injection:	ion/Injection or Re	esumed Production	/ Producing Meth	nod:	Gas Lift 0	Other (Explain)		
Estimated Production Per 24 Hours	on	Oil Bbls.					Gas-Oil Ratio	Gravity
DISPOS	SITION OF GAS:		N	METHOD OF COMP	LETION:			N INTERVAL: Bottom
	_	on Lease	Open Hole			mmingled mit ACO-4)	Тор	Bottom
,	, Submit ACO-18.)				· · · · · · · · · · · · · · · · · · ·			
Shots Per Foot	Perforation Top	Perforation Bottom	Bridge Plug Type	Bridge Plug Set At	Acid	Fracture, Shot, Cer (Amount and Kind	menting Squeeze  I of Material Used)	Record
TUBING RECORD:	Size:	Set /	At:	Packer At:				
. 5213 (1200) 10.	JIEG.			. 30.0.71				

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	BREWER 2-I
Doc ID	1441945

## Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight	Setting Depth	Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	41	portland	4	
Production	5.625	2.875	6.5	992	portland	125	



**Mound City, KS** 620.224.7406

27/8" 992.4 ' 5.875 " 12/14/2018

Sand / Core Detail

Slight odor.

Fair odor.

Core #1:

Core #2:

Good bleed, soft sand, good odor, laminated.

					 ,				
									620.224
		We	ell#				Ca	sing	
		BREW	ER #2-I				Surface		Longstring
	F	RJ ENEF	RGY, LL	С		Size:	7.0 "	Size:	2 7/8 "
						Tally:	41 '	Tally:	992.4 '
API #:	15031	L24294	S-T-R:	13-23-16E		Cement:	4 sx	Bit:	5.875 "
County:	Coffe	у	Date:	12/12/2018		Bit:	9.875 "	Date:	12/14/201
Тор	Base	Form	ation		Тор	Base	Formation		
0	2	Soil							
2	20	Clay							
20	30	Sand & g	gravel						

Shale

Lime

Sand

Lime

Shale

Sand

Shale

TD

Sandy Shale

Sand &sandy shale

**Total Depth:** 

### HAMMERSON CORPORATION

PO BOX 189 Gas, KS 66742

# Invoice

Date	Invoice #
12/17/2018	14000

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

P.O. No	Terms	Project
	Due on receips	

Quantity	Description	Rate	Amount
2 125 1 125 2 125	WELL MUD (\$8.00 PER SACK) Well-Murray 151 Ticket = 14000-14001 TRUCKING (\$50 PER HOUR) WELL MUD (\$8.00 PER SACK) Well-Brewer 11 Ticket # 14041-14042 TRUCKING (\$50 PER HOUR) WELL MUD (\$8.00 PER SACK) Well-Brewer 1A Ticket # 14052-14053 TRUCKING (\$50 PER HOUR) WELL MUD (\$8.00 PER SACK) Well-Brewer 2 I Ticket # 14070-14071 TRUCKING (\$50 PER HOUR) SALES TAX	8.00 50.00 8.00 50.00 8.00 50.00 8.00 50.00 6.50%	1,040.00 1,000.00 50.00 1,000.00 1,000.00 1,000.00 285.35
nk you for you	ir business.	Total	\$4,675.35