KOLAR Document ID: 1457137

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:	SecTwpS. R East
Address 2:	Feet from North / South Line of Section
City:	Feet from
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.xxxxxx)
Wellsite Geologist:	Datum: NAD27 NAD83 WGS84
Purchaser:	County:
Designate Type of Completion:	Lease Name: Well #:
New Well Re-Entry Workover	Field Name:
□ Oil □ WSW □ SWD	Producing Formation:
Gas DH EOR	Elevation: Ground: Kelly Bushing:
	Total Vertical Depth: Plug Back Total Depth:
CM (Coal Bed Methane)	Amount of Surface Pipe Set and Cemented at: Feet
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
Operator:	If Alternate II completion, cement circulated from:
Well Name:	feet depth to: w/ 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)
	Chloride content: ppm Fluid volume: bbls
Commingled Permit #:	Dewatering method used:
Dual Completion Permit #:	, and the second
SWD Permit #:	Location of fluid disposal if hauled offsite:
EOR Permit #:	Operator Name:
GSW Permit #:	Lease Name: License #:
	Quarter Sec TwpS. R
Spud Date or Date Reached TD Completion Date or 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:					

KOLAR Document ID: 1457137

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.gov	. 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	ed Type and Percent Additives				
Protect Casi									
Plug Off Zon									
 Did you perform a Does the volume o Was the hydraulic 	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 11-A
Doc ID	1457137

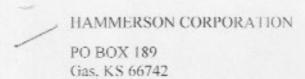
Casing

Purpose Of String	Size Hole Drilled	Size Casing Set	Weight		Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	42	portland	4	
Production	5.625	2.875	6.5	971	portland	125	



Mound City, KS

					``	110, 11				620.224.7406
		We	II #						asing	020.224.7400
		BREWE	R #11-	Α				Surface		Longstring
		RJ ENER					Size:	7.0 "	Size:	2 7/8 "
	•	NJ LIVEIN	O1, LL				Tally:	42 '	Tally:	971.05 '
API #:	15031	124292	S-T-R:	13-23-16E			Cement:	4 sx	Bit:	5.875 "
County:	Coffe		Date:				Bit:	9.875 "	Date:	12/24/2018
				, .		Ton			_	, , .
Top 0	Base 2	Form:	ation			Тор	Base	Formation		
2	23	Clay								
23	31	Sand & gi	ravel							
31	96	Shale	avei							
96	107	Lime								
107	133	Sand		White						
133	178	Lime								
178	278	Shale								
278	288	Lime								
288	294	Shale								
294	305	Lime								
305	312	Shale								
312	316	Lime								
316	328	Shale								
328	385	Lime								
385	392	Shale								
392	397	Lime								
397	431	Shale								
431	504	Lime								
504	513	Shale								
514	552	Lime								
552	747	Shale								
747	753	Lime								
753	812	Shale								
812	826	Lime				2 114		Sand / Core		
826	842	Shale				Core #1:	0.45	Core #		
842	846	Lime				942	945	Sandy shale and	sand. Sligh	it bleed.
846	882	Shale						Fair odor.		
882	891	Lime				0.45	054		المالية الممالة	No la maio e t e d
891	938 939	Shale				945	951	Good odor, fair	vieea, siight	uy iaminated.
938 939	939	Lime Sandy sha	مام							
939	945	Sandy sna	aie .							
951	331	Sandy sha	ale							
978		TD	aic .							
3,3		15								
				Total Depth:		978				
				Total Deptili.		370				



Invoice

Date	Invoice #
12/29/2018	14142

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) Well- Brewer 11A Ticket # 14142-14143 TRUCKING (\$50 PER HOUR) SALES TAX	8.00 50.00 6.50%	1,000,00 50,00 68,25
ink you for you	ur business.	Total	\$1.118.25