KOLAR Document ID: 1463468

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 Nam	ne:			Well #:	
Sec Tw	pS. F	R [East	West	County:					
open and closed and flow rates if	, flowing and sh gas to surface t ty Log, Final Lo	nut-in pressurest, along wit	es, whe h final c ain Geo	ther shut-in pre hart(s). Attach physical Data a	essure reached extra sheet if r and Final Electr	station more : ric Loc	level, hydrosta space is needed	tic pressures, d.	bottom hole tempe	val tested, time tool rature, fluid recovery, Digital electronic log
Drill Stem Tests (Attach Addit			Ye	es No		Lo	og Formatio	n (Top), Deptl	n and Datum	Sample
Samples Sent to	Geological Sur	vey	Ye	es 🗌 No		Name)		Тор	Datum
Cores Taken Electric Log Run Geologist Repor List All E. Logs F	t / Mud Logs		Y€ Y€	es No						
			Repo		RECORD [Nev	w Used rmediate, producti	on. etc.		
Purpose of St		ze Hole Orilled	Siz	e Casing (In O.D.)	Weight Lbs. / Ft.		Setting Depth	Type of Cement	# Sacks Used	Type and Percent Additives
				ADDITIONAL	OF MENTING /					
Purpose:	[Depth	Typo	of Cement	# Sacks Use		EEZE RECORD	Typo a	nd Percent Additives	
Perforate Protect Ca Plug Back	Top	Bottom	туре	or cement	# Sacks Use	,u		туре а	ia Percent Additives	
Plug Off Z										
Did you perform Does the volum Was the hydraul	e of the total base	fluid of the hyd	draulic fra	cturing treatmen		•	Yes ns? Yes	No (If No	, skip questions 2 an , skip question 3) , fill out Page Three o	,
Date of first Produ	ction/Injection or	Resumed Produ	uction/	Producing Meth			Coolift 0	thor (Fundain)		
Estimated Produc	otion	Oil Bb	le.	Flowing Gas	Pumping Mcf	Wate		ther <i>(Explain)</i> bls.	Gas-Oil Ratio	Gravity
Per 24 Hours		Oli Bb	15.	Gas	IVICI	vvale	ı Di	JIS.	Gas-Oil Hallo	Gravity
DISPO	OSITION OF GAS	S:		N	METHOD OF CO	MPLE.	TION:		PRODUCTIO	N INTERVAL:
Vented	Sold Use	d on Lease		Open Hole				nmingled	Тор	Bottom
(If vente	ed, Submit ACO-18	.)			(5	SUDITIIL I	ACO-5) (Subi	mit ACO-4)		
Shots Per Foot	Perforation Top	Perforation Bottom	on	Bridge Plug Type	Bridge Plug Set At		Acid,		Cementing Squeeze Kind of Material Used)	Record
TUBING RECOR	D: Size:		Set At:		Packer At:					

Form	ACO1 - Well Completion
Operator	RJ Energy, LLC
Well Name	DENNIS CROTTS 4-I
Doc ID	1463468

Casing

Purpose Of String	Size Hole Drilled	Size Casing Set			Type Of Cement		Type and Percent Additives
Surface	9.875	7	17	42	portland	5	
Production	5.625	2.875	6.5	1034	portland	130	



Core #1:

Lime

Sand

Shale

TD

Sandy shale & Blk S

Sand / Core Detail Core #2:

pit, good bleed in samples.

Sandy shale, slight odor, blk. Sand.

bleed in samples.

Very laminated, mostly shaley, slight

Soft sand, slightly laminated, slight bleed to

Mound City, KS 620.224.7406

										620.224.
		We	ell#					Ca	sing	
	D	ennis C	rotts #4	4-I				Surface		Longstring
	ſ	RJ ENEF	RGY, LL	C			Size:	7.0 "	Size:	2 7/8 "
							Tally:	42 '	Tally:	1031.2 '
API #:	1503	124384	S-T-R:	28-22-16E			Cement:	5 sx	Bit:	5.875 "
County:	Coffe	у	Date:	4/3/2019			Bit:	9.875 "	Date:	4/5/2019
					1					
Тор	Base	Form	nation			Top	Base	Formation		
0	2	Soil				950	952	Lime		
2	18	Clay				952	994	Shale		

Sand & gravel

Shale

Lime

Shale

Lime

Shale

Shale

Lime

Shale

Lme

Shale

Lime

Shale

Total Depth:

HAMMERSON CORPORATION

PO BOX 189 Gas. KS 66742

Invoice

Date	Invoice #
4/4/2019	14377

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

P.O. No.

Terms

=-0,801

Dae of severt

Quantity	Description	Rate	Amount
160 3 160 3.25 130	WELL MUD (\$8.00 PER SACK)Brewer 31 Ticket # 14377 & 14378 TRUCKING (\$50 PER HOUR) WELL MUD (\$8.00 PER SACK)Murray 121 /Ticket # 14383 & 14384 TRUCKING (\$50 PER HOUR) WELL MUD (\$8.00 PER SACK)Dennis Crotts 41 /Ticket # 14387 & 14388 TRUCKING (\$50 PER HOUR) SALES TAX	8.00 50.00 8.00 50.00 8.00 50.00 6.50%	1,280.00 150.00 1,280.00 162.50 1,040.00 125.00 262.44
hank you for	your business.	Total	\$4,299