Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(See Instruct	ions on Reve	rse Side)				
Op	en Flo	w											
De	liverab	ilty			Test Date 03/12/20					No. 15 21098000	·		
Company MERIT E		GY	COMPANY			•	Lease KANSAS	UNIVE	RSITY A	1	5	Well Nu	ımber
County MORTON			Location 660' FNL & 990' FW		Section 6		TWP 32S		RNG (E/W) 39W		Acres Attributed 640		Attributed
Field KINSLE	R, EA	ST			Reservoit MORRO				Gas Gat	thering Conn	ection		
Completic 01/30/19		е			Plug Bac 5953'	k Total Dept	h		Packer S	Set at			
Casing Size We		Weight 15.5#			ernal Diameter 950"		at Perfe 99' 543		rations	To 5758'	то 5758'		
Tubing Size 2.375"		Weight 4.7#			Internal D 1.995"	Dlameter			Perforations		Ţo		
Type Con					Type Flui	d Production				nit or Traveling		/ No	
SINGLE			nulus / Tubing)	WATE	arbon Dioxid	de		% Nitrog	BEAM PU		ravity - (
ANNUL	.US				0.5510	1%			2.855	0 <u>%</u> _	0.697	7	
Vertical E	epth(F	l)		£ 5		Press FLAN	sure Taps VGE				(Meter 3.068		rover) Size
Pressure	Buildu	p:	Shut in 03/1	2 2	15 at 1	2:00 PM	(AM) (PM) T	aken 03	3/13	20	15 _{at} 12:00	PM_	(AM) (PM)
Well on L	.in e :		Started	2	0 at		(AM) (PM) T	aken		20	at		(AM) (PM)
						OBSERVE	D SURFACE				Duration of Shut	-in 24	Hours
Static / Dynamic Property	Orifi Siz (inch	е	Circle one; Meter Prover Pressui		Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P,)	ressure or (P _c)	Wellhe	Tubing ad Pressure r (P _t) or (P _c)	Duration (Hours)		d Produced Barrels)
Shut-tn			psig (Pm)	Inches H ₂ 0			25.0	psia	psig	psia	24		
Flow													
						FLOW STR	EAM ATTRIE	UTES	***				1
Plate Coeffiec (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meler or ver Pressure psia	Press Extension ✓ P _m x h	Grav Fact	tor T	Flowing emperature Factor F _{II}	Fac	ation ctor	Metered Flow R (Mcfd)	w GOR (Cubic Fe Barrel)	eet/	Flowing Fluid Gravity G _m
					J								
(P _c)² ≈		,	(P _w)² =_	•	(OPEN FLI	, ,	ERABILITY) (P.	CALCUL - 14.4) +		:	(P _a ; (P _d)) ² = 0.2) ² =	:07
(P _c) ² - (i	B*.	(F		1. P _c ² - P _a ² 2. P _c ² - P _c ²	LOG of formula 1, or 2.		Backpress Slope	ure Curve = "n"	n x	LOG	Antilog	Op Del	pen Flow iverability is R x Antilog
	d)	•	j	ivided by: P _c ² - P _w	and divide by:	P _c ² - P _c ²	Standar						(Mcfd)
<u> </u>													
Open Flo)A/			Mcfd @ 14.	65 nsia		Deliverabili				Mcfd @ 14.65 ps	ia	
		ianea	authority on			states that h		<u>.</u>	make th		ort and that he ha		ledge of
			n, and that sai							lovember			20 15 .
						Rec	eived ATION COMMIS	SION	Ме	rit Energy (
			Witness (if		KA				k	Katherine M			
			For Commi	ssion		UEC	0 2 2015			Che	cked by		

	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company
	foregoing pressure information and statements contained on this application form are true and
correct to th	e best of my knowledge and belief based upon available production summaries and lease records
	request a one-year exemption from open flow testing for theKansas University A 5
	the grounds that said well:
(4	Check one)
	is a coalbed methane producer
	is cycled on plunger lift due to water
	is a source of natural gas for injection into an oil reservoir undergoing ER
	is on vacuum at the present time; KCC approval Docket No.
	is not capable of producing at a daily rate in excess of 250 mcf/D
	agree to supply to the best of my ability any and all supporting documents deemed by Commission essary to corroborate this claim for exemption from testing.
Date: Nove	mber 30, 2015
	Received KANSAS CORPORATION COMMISSION Signature: Katherine McClurkan & Churk MCClurk
	DEC 0 2 2015 Title: Regulatory Analyst
	ONSERVATION DIVISION
	CONDENSITA KE

Instructions:

If a gas well meets one of the eligibility criteria set out in KCC regulation K.A.R. 82-3-304, the operator may complete the statement provided above in order to claim exempt status for the gas well.

At some point during the current calendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/buildup time and shall be reported on the front side of this form under **OBSERVED SURFACE DATA**. Shut-in pressure shall thereafter be reported yearly in the same manner for so long as the gas well continues to meet the eligibility criterion or until the claim of eligibility for exemption **IS** denied.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than December 31 of the year for which it's intended to acquire exempt status for the subject well. The form must be signed and dated on the front side as though it was a verified report of annual test results.