KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:					(8	See Instr	ructi	ons on Re	verse Si	de)							
Open Flow						Tost Data	est Date: API No. 15											
De	liverab	ilty				08/19/20							11910000					
Company MERIT E		GY (COMPANY						Lease KEPNE	R A					3 V	Vell Nu	mber	
County Location MORTON 1350' FSL & 1100' FWL					Section 14		TWP 33S			RNG (E/W) 42W			Acres Attributed 640					
Field BOEHM						Reservoir MORRO	w		**************************************			Gas Gath	ering Conne	ection	า			
Completic 11/05/19		е				Plug Back 4578'	Total D	epth	1		i	Packer Se	t at					
Casing Size Weight					Internal D 5.012"	iameter	Set at 4649'			Perforations 4525'			то 4549'					
Tubing Size Weight 2.375" 4.7#				Internal D 1.995"	iameter	Set at 4575'			Perforations			То						
Type Con						Type Fluid		tion					or Traveling		nger? Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS					% c	arbon Di	le				Nitrogen 9.3330%			Gas Gravity - G _g 0.783				
Vertical Depth(H) 4537'					Pressure Taps FLANGE									(Meter Run) (Prover) Size 3.068"				
	Buildu	D	Shut in AU	G 18	20	14 _{at} 12				Taken [/]	ΑU	IG 19		14		-NA	(AM) (PM)	
	Pressure Buildup: Shut in20 Well on Line: Started20															, , , ,		
							OBSER	IVE	SURFAC	E DATA				Dura	ation of Shut-i	n_24	Hours	
Static / Dynamic	Dynamic Size		Circle one: Meter Prover Press	Pressur Different ure in	rential Flowing		Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c)			Tubing Wellhead Pressure (P_w) or (P_c) or (P_c)		Duration (Hours)		Liquid Produced (Barrels)		
Property	Shut-In		psig (Pm)	Inches H	I ₂ 0	,			psig 175.0	psia 189.4		psig	psia 24					
Flow									170.0	100.4				24				
	<u> </u>		1				FLOW S	STRI	EAM ATTR	IBUTES			<u></u>			l		
Plate Coefficcient (F _b) (F _p) Mofd		Pro	Circle one: Meter or over Pressure psla	Extension	Press Extension P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{rt}		Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
111010	•						 -		FL					1				
						OPEN FLO	OW) (DEI	LIVE	ERABILITY) CALCI	JL#	ATIONS			(P.)2	= 0.2	207	
(P _c) ² =		_:	(P _w) ² =		:	P _d =		%	6 (_c - 14.4)	+	14.4 =	:		(P _d) ²			
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	1. P _e ² -P _e 2. P _e ² -P _e	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ded by: $P_c^2 - P_w^2$		LOG of formuta 1. or 2. and divide by:		Backpressure Slope # "r or Assigned Standard Slo		n x 1		LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
_																		
							-							ļ				
Open Flo	w			Mcfd @	14.65	5 psia			Delivera	oility				Mefe	l @ 14.65 psi	a	-	
		-	•						•						nd that he ha		viedge of 20 <u>14</u> .	
the facts s	stated	here	in, and that s	aid report is	true a						_ c				COMPANI		20	
because of the			Witness	(if any)					(ICHIT		IN	A BURT	Fore	Compa		.+=-	_ 	
			For Com	mission			TAUA	∠ t	2014	O, ti			Che	Sed b	y	war	·	
							RE	CE	IVED									

	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY
and that the foregoin correct to the best of of equipment installa I hereby request	ng pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records tion and/or upon type of completion or upon use being made of the gas well herein named. a one-year exemption from open flow testing for the KEPNER A 3
gas well on the groun	
is i	a coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER con vacuum at the present time; KCC approval Docket No a not capable of producing at a daily rate in excess of 250 mcf/D a supply to the best of my ability any and all supporting documents deemed by Commission of corroborate this claim for exemption from testing.
	Signature: JANNA BURTON Jama Buton Title: REGULATORY ANALYST

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.