Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:				(See Instruct	ions on Reve	erse Side)				
Open Flow					Tout Date				A DI	No. 15			
Deliverabilty					Test Date 05/30/20			API No. 15 129219370000					
Company MERIT ENERGY COMPANY							Lease HENTSC	HEL B			2	Well Number	
County Location MORTON 1565' FNL & 330' FEL				Section 8			TWP 33S		/W)	Acres Attributed 640			
						Reservoir MARMATON			Gas Gathering Conn REGENCY		ection		
•					Plug Bac 3850'	k Total Dept	h	Pac		Set at			
Casing Size Weight . 5.5" 17.0#				Internal E 4.892"	Internal Diameter 4.892"		Set at 3893'		rations 9'	то 3699'			
Tubing Size Weight 2.375" 4.7#				Internal Diameter		Set at 3656'		Perforations		То			
Type Completion (Describe)						d Production			Pump Unit or Traveli NO		ng Plunger? Yes / No		
Producing Thru (Annulus / Tubing) TUBING					% C	arbon Dioxid	de		% Nitrogen 25.9340%		Gas Gravity - G _g 0.773		
Vertical Depth(H)					3.1000	Pressure Tap						Run) (Prover) Size	
3674'						FLAN	NGE					3.068"	
Pressure	Buildu	p; ;	Shut in _05/	30 2	0_15 at 9	:00 AM	(AM) (PM)	raken_05	5/31	20	15 at 9:00 A	.M (AM) (PM)	
Well on L	ine:	;	Started	2	0 at		(AM) (PM) 1	Taken		20	at	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic			Circle one: Meter Prover Pressu	1	Flowing Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _I) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _o)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0	-			psla	psig	psia .	24	<u> </u>	
Flow					_				1		-		
					<u> </u>	FLOW STR	EAM ATTRIE	BUTES		 '	_ _		
Ptate Coeffiecient (F _b) (F _p) Mcfd			Circle one: Meter or ver Pressure psia	Press Extension ✓ P _m xh	Gravity Factor F _g		Flowing emperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flow R (McId)	(Cubic Fe Barrel)	l Gravitu	
							·	<u>L</u>			<u> </u>	_ <u></u>	
(P _c) ² =		_:	(P _w) ² =		(OPEN FLO		ERABILITY) 6' (P _o	CALCUL - 14.4) +		:	(P _a)	² = 0.207 ² =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide	P _c ² -P _w ²	Backpressure Cu Slope = "n" or		пх	rog	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
							_						
<u> </u>]				<u> </u>				<u> </u>				
Open Flow Mcfd @ 14.65 psia						Deliverabil	ity	Mcfd @ 14.65 psia					
		_	•	n behalf of the			-			ne above repo lovember	rt and that he ha	as knowledge of, 20 15	
						Ŕ	eceived PORATION COM		Mer	it Energy C	_ <u></u>		
			Witness (i	fany)				_	ŀ	_{F⊶} o Katherine M	ompany IcClurkan		
For Commission						DEC 0 2 2015			Checked by				

l declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Merit Energy Company and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Hentschel B 2 gas well on the grounds that said well:
(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 I further agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary to corroborate this claim for exemption from testing. Date: November 30, 2015
Received KANSAS CORPORATION COMMISSION DEC 0 2 2015 CONSERVATION DIVISION WICHITA, KS Signature: Katherine McClurkan Latherine McClurkan Katherine McClurkan Latherine McClurkan Katherine McClur

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.