KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:				(See Instruct	ions on Reve	rse Side)						
Open Flow									4.50						
Deliverabilty				Test Date 10/12/20			API No. 15 15-175-00067-0001								
Company Merit Energy Company					10/12/20	Lease Boles					1-4	Well Number			
County Location Seward 1656' FNL & 1256' FEL				Section 4				RNG (EA	RNG (E/W) 34W		Acres Attributed 640				
Field Wideawake				Reservoir Toronto				Gas Gath	ection						
Completion Date 06/04/1954				Plug Back 4449'	k Total Dept	h		Packer S							
Casing Si 5.5	Casing Size 5.5				Internal C 5.012	Internal Diameter 5.012		Set at 4485'		Perforations 4396'		To 4426'			
Tubing Si 2.375	Tubing Size We 2.375 4.7				Internal D 1.995	Internal Diameter 1.995		Set at 4415'		Perforations NA		To NA			
Type Completion (Describe) Single Gas				Type Fluid Water/	d Production Cond	1	Pump Unit or Traveling Ple Pumping Unit				unger? Yes / No Yes				
Producing	Thru	(Anr	nulus / Tubing)	% C	% Carbon Dioxide				% Nitrogen			Gas Gravity - G		
Casing															
Vertical Depth(H) 4411'						Pressure Taps Flange					(Meter F 4	Run) (Pr	over) Size		
Pressure	Buildu	o:	Shut in _10/1	1/2014 _ 2	20 at	:00 AM	(AM) (PM) T	aken 10)/12/201	4 20	at_9:00 A	M (AM) (PM)		
Well on L	ine:		Started	2	0 at		(AM) (PM) 1	aken		20	at	(AM) (PM)		
			_			OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in_} 24	Hours		
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Heat Temperature Temperat t		Wollhood Proceure		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In	0.75		1 - 0 ()	2			32.0	рыа	paig _	рыа	24				
Flow									<u> </u>						
			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			FLOW STR	EAM ATTRIE	BUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension P _m x h	Grav Fac	tor 1	Flowing Femperature Factor F _{ft}	Deviation Factor F _{pv}		Metered Flow Fl (Mcfd)	(Cubic Fe Barrel)		Flowing Fluid Gravity G _m		
									ŀ						
(P _c) ² =	_	_:	(P _w) ² =	:	(OPEN FL	• •	ERABILITY) % (P		.ATIONS - 14.4 =	:	(P _a) (P _d)	² == 0.2 ² ==	07		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² - P _d ² 2. P _c ² - P _d ²	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpressure Curve Slope = "n"		n x LOG		Antilog	Del Equals	Open Flow eliverability als R x Antilog (Mcfd)		
				livided by: Pc2 - Pw	, J., Sy.	<u> </u>	Staridat	. s clopo	 				·		
Open Flo	w	Mcfd @ 14.65 psia					Deliverabil	Deliverability Mcfd			Mcfd @ 14.65 ps	@ 14.65 psia			
		_									rt and that he ha				
the facts s	tated t	here	in, and that sa	id report is tru	e and correc	t. Executed	this the 22	ND		ECEMBER			20 <u>14</u> .		
			Witness (if	any)	KANSA	Recei	ved —	.			GY COMPA	ANY			
						- CONFORMI	ON COMMISSIG	'ANNA	A BUR	TON	Jama B	wite			
			For Comm	ssion		DEC 29	3 2014			Che	цкич ру				

CONSERVATION DIVISION WICHITA, KS

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques 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	- d s
I hereby request a one-year exemption from open flow testing for the Boles 1-4	
gas well on the grounds that said well:	-
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 Commiss	sion
staff as necessary to corroborate this claim for exemption from testing.	
Date: DECEMBER 22, 2014	
Signature: JANNA BURTON Jame Burton 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.