## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(	See Instruct	lions on Reve	erse Side	)			
Op	en Flo	w			T D4				ATO	No de		
De	liverat	oilty			Test Date 03/08/20					No. 15 9 <b>211100</b> 000		
Company MERIT E		GY	COMPANY				Lease RENSHA	WB			4	Well Number
County Location MORTON 662' FNL & 696' FEL			Section 8				RNG (E/W) 39W			Acres Attributed 640		
Field KINSLE	R, EA	ST			Reservoir MORRO				Gas Gar ONEO	thering Conn	ection	
Completion Date			Plug Baci 5955'	k Total Dept	h	Packer Set at		Set at	<u> </u>			
Casing Size Weight 5.5" 15.5#			Internal Diameter 4,950"				Perfo	rations O'	то 5494	.1		
Tubing Size W			Weigh 4.7#			Internal Diameter 1.995"		Set at Pe 5579'		rations	То	
Type Con				prop		d Production				nit or Traveling	g Plunger? Yes	s / No
Producing Thru (Annulus / Tubing) ANNULUS					arbon Dioxi	de		% Nitrogen 1.0474%		Gas Gravity - G <sub>g</sub>		
Vertical D		H)			V.V.22	• -	sure Taps					r Run) (Prover) Size
5492'		•	<u></u>			FLA	-			·	3.06	
Pressure	Buildu	p:	Shut In _03/	08 2	20 15 at 1	1:00 AM	(AM) (PM)	<sub>Taken</sub> _03	3/09	20	15 at 11:00	(AM) (PM)
Well on L	.ine:		Started		at		(AM) (PM) 1	aken		20	at	(AM) (PM)
				-	·1···	OBSERVE	D SURFACE	DATA	,		Duration of Shu	it-in 24 Hours
Static / Dynamic Property	Orifi Siz (inch	e	Circle one: Meter Prover Presso		Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P <sub>w</sub> ) or (P <sub>1</sub> )	ressure or (P <sub>c</sub> )	Wellhe	Tubing ead Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			36.0	psia	psig	psia	24	
Flow												
						FLOW STR	EAM ATTRIE	BUTES				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Motd		Pro	Circle one: Meter or over Pressure psia	Press Extension P <sub>m</sub> xh	Extension Factor		Temporalura I		Deviation Meter Factor F <sub>pv</sub> (M		w GOF (Cubic F Barre	Fluid Gravity
<b>(D.</b> 13)			<i>(</i> = 3.5		•		ERABILITY)					(a) <sup>2</sup> = 0.207
(P <sub>c</sub> ) <sup>2</sup> ≈		:	(P <sub>w</sub> ) <sup>2</sup> =	Choose formula 1 or 2	$P_d = \frac{1}{2}$		T	- 14.4) +		<u>:</u>	(P	<sub>a</sub> ) <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	•	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	<ol> <li>P<sub>c</sub><sup>2</sup> - P<sub>s</sub><sup>2</sup></li> <li>P<sub>c</sub><sup>2</sup> - P<sub>d</sub><sup>2</sup></li> <li>divided by: P<sub>c</sub><sup>2</sup> - P<sub>s</sub></li> </ol>	LOG of lermula 1. cr 2. and divide	P <sub>2</sub> - P <sub>w</sub> 2			n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
										•		
						uno di u					-//	
Open Flo	<u>w</u>		<u>_</u>	Mcfd @ 14	.65 psia		Deliverabil	ty		<u> </u>	Mcfd @ 14.65 p	sła
		-	•				•			ne above repo lovember	ort and that he h	nas knowledge of
tne tacts s	tated t	nerei	n, and that s	aid report is tru	e and correct		this the Bived	<del>-</del>	-	rit Energy (	Company	, 20
	.—		Witness (	if any)	KAN	SAS CORPORA	ATION COMMISS	ION	1410	For	Company	<del></del>
For Commission				-	DEC-0 2 2015			Katherine McClurkan Checked by				

exempt status under Rule K.A.R. 82-3-30 and that the foregoing pressure informa correct to the best of my knowledge and of equipment installation and/or upon typ	inder the laws of the state of Kansas that I am authorized to request 04 on behalf of the operator Merit Energy Company ation and statements contained on this application form are true and belief based upon available production summaries and lease records be of completion or upon use being made of the gas well herein named.							
	ion from open flow testing for the Renshaw B 4							
gas well on the grounds that said well:								
(Check one)								
is a coalbed methane	e producer							
is cycled on plunger lift due to water								
<u>-</u>	gas for injection into an oil reservoir undergoing ER							
is on vacuum at the present time; KCC approval Docket No								
<b>-</b>	ducing 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 d	aim for exemption from testing.							
Date: November 30, 2015								
Suic.								
	1							
Received KANSAS CORPORATION COMMISSION	Signature: Katherine McClurkan Kathorine McClurkan							
	Title: Regulatory Analyst							
DEC 0 2 2015	•							
CONSERVATION DIVISION WICHITA, KS								

## 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.