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

Type Test	:				(-	See Instructi	ons on He	verse Side	)					
I	en Flov				Test Date	u:			API	No. 15				
<b>✓</b> Del	liverabi	lty			02/24/20					175-20421 - (	0001			
Company MERIT E		3Y (	COMPANY				Lease UNDER	RWOOD			A-2	Well N	umber	
County SEWARI	ounty Location EWARD 1980' FSL & 1980' FV				Section 23		TWP 34		RNG (E/W) 34W			Acres Attributed 640		
Field ADAMSON				Reservoir LOWER	MORROW			Gas Gathering Connecti APC		ction		RECEIV DEC 28		
Completion Date 08/20/1980				Plug Bac 6320'	k Total Depth			Packer Set at NA				DEC 28		
.5	ssing Size Weight 5 10.5#			Internal Diameter 4.05		Set at 6510'		Perforations 6070'		то 6097'	K	CC WICH		
Tubing Size 2.375			Weight 4.7#		Internal Diameter 1.995		Set at 6468'		Perforations NA Pump Unit or Traveling Pl		To NA			
Type Completion (Describe) SINGLE GAS				ÑO	d Production		PUN		ING UNIT	YES				
roducing CASINC	•	(Anr	nulus / Tubing)		% C	arbon Dioxid	de		% Nitrog	jen	Gas G	ravity -	G <sub>g</sub>	
Vertical Depth(H) 6084'					Pressure Taps FLANGE						(Meter 3	Run) (f	Prover) Size	
ressure	Buildup	o:	Shut in 02/24	4/2012 2	20 at 9	:00 AM	(AM) (PM)	Taken 02	2/25/20	12 20	at 9:00 A	λM	(AM) (PM)	
Well on Li	ine:	;	Started	2	0 at						al		(AM) (PM)	
						OBSERVE	D SURFAC	E DATA	7		Duration of Shut	t-in	Hours	
Static / lynamic roperty	namic Size		Circle ane: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature 1	Well Head Temperature t	Casing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Wellhe	Tubing ead Pressure or (P <sub>c</sub> ) psia	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	0.63		poig (i iii)	monos rigo			psig	33	paig	20	24			
Flow														
						FLOW STR	EAM ATTR	RIBUTES	-					
Plate Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circle one:  Meter or  Prover Pressure  psia		Press Grav Extension Fac ✓ P <sub>m</sub> x h F		tor T	Flowing emperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eel/	Flowing Fluid Gravity G <sub>m</sub>	
					(OPEN FI	OW) (DELIVI	FRABILITY	() CALCUI	ATIONS		(2)	13 0	003	
) <sup>2</sup> = .		. :	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>a</sub> =	, .		, P <sub>c</sub> - 14.4) <sub>1</sub>		<u> </u>		$)^2 = 0.$ $)^2 =$		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ wided by $P_c^2 - P_a$	LOG of formula 1, or 2, and divide	P <sub>c</sub> <sup>2</sup> · P <sub>w</sub> <sup>2</sup>	Backpressure Curve Slope = "n"orAssigned Standard Slope		n x	LOG	Antilog	De	Open Flow eliverability lls R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14	.65 psia		Deliverat	bility			Mcfd @ 14.65 ps	sia		
		_								he above repoi	rt and that he h		wledge of	
e tacts si	iated th	ierei	n, and that said	s report is tru	e and correc	i. Executed	ans the _		day UI	Me	7			
			Witness (if a	ny)	, , , , , , , , , , , , , , , , , , , ,		-			40	ompany			
			For Commiss	sion		-,-,,	-			Chec	ked by			

l doglara um	
	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request nder Rule K.A.R. 82-3-304 on behalf of the operator_MERIT ENERGY COMPANY
	egoing pressure information and statements contained on this application form are true and
	est of my knowledge and belief based upon available production summaries and lease records
	stallation and/or upon type of completion or upon use being made of the gas well herein named.
	uest a one-year exemption from open flow testing for the UNDERWOOD A- 2
	grounds that said well:
I further agre	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 ee to supply to the best of my ability any and all supporting documents deemed by Commission by to corroborate this claim for exemption from testing.
Date: 12/27/201	2
	Signature:

## 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.