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

Type Test	t:				(	See Instruc	tions on Rev	erse Side	)					
Op	en Flo	w			Test Date	··			API	No. 15				
✓ De	liverat	ilty			02/22/20				15-	175-30014 -	$\infty$ - $\infty$			
Company MERIT E		GY (	COMPANY	,			Lease MCAHR	EN			A-1	Well Nu	mber	
			Locat 4620' F	ion SL & 660' FEL	Section 24	TWP '34			RNG (E/W)			Acres Attributed 640		
Field ARCHER				Reservoir	CHESTE	 R	Gas Ga		hering Conn	ection				
Completion Date 07/29/1965			Plug Back 6410'	k Total Dep	th	Packer NA'		Set at	· •					
Casing Size 4.5			Weigh 9.5#	nt	Internal Diameter 4.09		Set at 6410'		Perforations 5982'		то 5994'			
Tubing Size 2.375		Weight 4.7#		Internal Diameter		Set at 5963'		Perforations NA		To NA				
Type Completion (Describe) SINGLE GAS					d Production		Pump Unit or Tri							
Producing	g Thru		nulus / Tubin	g)		arbon Dioxi	de		% Nitrog			iravity - (	€,	
Vertical C		<del>1</del> )					sure Taps				•	Run) (P	rover) Size	
5988'				(00	44 0		NGE		./00		4	A A 4		
Pressure	Buildu	ıp:	Shut in U2/	22 2	0 11 at 0	9:00 AM	(AM) (PM)	Taken_U2	2/23	20	11 at 9:00 /	4M 	AM) (PM)	
Well on L	_ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shu	l-in	Hou	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Press psig (Pm)		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure $(P_w) \text{ or } (P_t) \text{ or } (P_d)$		Tubing Wellhead Pressure $(P_*)$ or $(P_1)$ or $(P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.50		paig (i iii)	mones tr <sub>2</sub> 0			psig	psia 110	psig	55	24	<del>-  </del> -		
Flow														
						FLOW STE	REAM ATTRI	BUTES		<u>,                                     </u>				
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Grav Fact F <sub>e</sub>	tor	Flowing Temperature Factor F <sub>11</sub>		iation ctor	Metered Flow R (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>m</sub>	
									4-10110					
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>*</sub> )² =	:	•	• •	'ERABILITY) % (P	CALCUL - 14.4) +		:		$)^2 = 0.2$ $)^2 = $		
(P <sub>e</sub> ) <sup>2</sup> - ( or (P <sub>e</sub> ) <sup>2</sup> - (				1. P <sup>2</sup> -P <sup>2</sup> 2. P <sup>2</sup> -P <sup>2</sup> divided by: P <sup>2</sup> -P <sup>2</sup>	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slop	sure Curve e = "n" or igned ird Slope	n x	og [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flo	)w			Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 p	sia		
The	unders	igne	d authority, c	on behalf of the	Company, s	states that h	ie is duly au	thorized to	o make ti	ne above repo	ort and that he h	as know	ledge of	
the facts s	stated 1	herei	in, and that s	aid report is true	and correc	RECE!	VED 20	TH	day of	ECEMBER 1/1/	$\overline{}$	······································	20 11	
Witness (if eny)					DEC 2 1 2011			For Company						
			For Come	mission					-	Che	cked by			
					K	CC WI	CHITA							

l declare ι	Inder 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						
	regoing pressure information and statements contained on this application form are true and						
correct to the b	est of my knowledge and belief based upon available production summaries and lease records						
	nstallation and/or upon type of completion or upon use being made of the gas well herein named.						
I hereby re	quest a one-year exemption from open flow testing for the MC AHREN A-1						
gas well on the	grounds that said well:						
101							
(Chi	is a spalled methods producer						
	is a coalbed methane producer is cycled on plunger lift due to water						
Ļ	is a source of natural gas for injection into an oil reservoir undergoing ER						
L	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						
L.'	is not capable of producing at a daily rate in excess of 200 their b						
I further ag	ree to supply to the best of my ability any and all supporting documents deemed by Commission						
staff as necess	sary to corroborate this claim for exemption from testing.						
Date: 12/21/20	011						
Date.							
	Signature: MPatrice						
	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.