## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test: (See Instructions on Reverse Side)														
Open Flow				Test Date:				ΔĐI	No. 15					
Deliverabilty					03/22/2015				API No. 15 15-175-21703-0000					
Company MERIT ENERGY COMPANY						Lease BLACKMER					A-3	Well Number A-3		
County SEWAR	.D		Location 1320' FNL & 1980' FWL		Section 31		TWP 34S		RNG (E/W) 32W		Acres Attributed		Attributed	
Field CONDIT					Reservoir CHESTER A				Gas Gat APC	hering Conn	ection			
Completion Date 09/27/03				··· *-	Plug Bac 6362'	k Total Dep	oth	Packer NA		Set at				
Casing Size 5.5			Weigl 15.5#		Internal Diameter 4.95			Set at , 6510		rations 9'	то 6331'			
Tubing Size 2.375			Weight 4.7#			Internal Diameter 1.995		Set at 6367'		rations	To NA			
Type Completion (			escribe)		Type Flui	d Productio	on .	Pump Unit		nit or Traveling	or Traveling Plunger? Yes / No IG UNIT			
Producing	•	(An	nulus / Tubin	g)	% C	% Carbon Dioxide			% Nitrogen Gas Gravity - G <sub>g</sub>				9 <sub>g</sub>	
Vertical Depth(H) 6087'					Pressure Taps							Run) (P	rover) Size	
03/22 15 9:00 AM 03/23 15 9:00 AM							AM) (PM)							
Well on Line: Started 20 at 20 at 20 at								AM) (PM)						
				<del></del>		OBSERVE	ED SURFACE	DATA		<del></del>	Duration of Shut-	24	Hours	
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Meter Prover Press psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well He Temperature Tempera t t		wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$		Tubing Wellhead Pressure $(P_w)$ or $(P_1)$ or $(P_c)$				d Produced Barrels)	
Shut-In	1.0		P***5 (* ***)	Nones rigo			42.0	psla	psig	psia	24			
Flow														
						FLOW ST	REAM ATTRI	BUTES			<del></del>			
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Grav Fac F <sub>e</sub>	tor	Flowing Temperature Factor Fn		ation ctor :	Metered Flov R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
			<u>-</u>		(OPEN FL	OW) (DELIV	/ERABILITY)	CALCUL	ATIONS	<del></del>	/D.V		0.7	
(P <sub>c</sub> ) <sup>2</sup> =	<del></del> ,	<u>-:</u> _	(P <sub>w</sub> ) <sup>2</sup> =	Chassa formula 1 or	P <sub>d</sub> =	, ,	•	- 14.4) +		<u></u> :	(P <sub>d</sub> ) <sup>2</sup>	= 0.2		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(F	$ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - P_w^2 $ $ (P_c)^2 - P_d^2 $ $ (P_c)^2 - P_d^2 $ $ (P_c)^2 - P_c^2 - P_w^2 $		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog Deliv		en Flow verability R x Antilog Mcfd)	
					_				-			_		
Open Flor	w			Mcfd @ 14	.65 psia		Deliverabil	lity			Mcfd @ 14.65 psi	 a		
The u	unders	igne	d authority, o	n behalf of the	Company, s	tates that h	ne is duly aut	horized to	make th	e above repo	rt and that he ha	s knowl	edge of	
the facts s	tated ti	herei	in, and that s	aid report is tru	e and correc	t. Executed	this the 30	th	day of N	ovember		, 2	20 15 .	
			,	,		Receive					y Company	—,		
Witness (if any)					D	DEC 0 2 2015			For Company Katherine McClurkan					
		_	For Comr	nission	CON	SERVATION D WICHITA, K					ked by			

exempt status under Rule K.A.R. 82-3-304 and that the foregoing pressure informat correct to the best of my knowledge and be of equipment installation and/or upon type	der the laws of the state of Kansas that I am authorized to request 4 on behalf of the operator Merit Energy Company  tion and statements contained on this application form are true and pelief based upon available production summaries and lease records a of completion or upon use being made of the gas well herein named. On from open flow testing for the Blackmer A-3
gas well on the grounds that said well:	
is on vacuum at the produce is not capable of produce. □	ft due to water  gas for injection into an oil reservoir undergoing ER  esent time; KCC approval Docket No  ucing at a daily rate in excess of 250 mcf/D  of my ability any and all supporting documents deemed by Commission
Received  KANSAS CORPORATION COMMISSION  DEC 0 2 2015  CONSERVATION DIVISION	Signature: Katherine McClurkan Yn Lhu wil M. Clurkan Title: Regulatory Analyst
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.