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

Type Test	: en Flov	<b>v</b>			(-	See Instruct	ions on Reve	erse Side	)					
Deliverability				Test Date: API No. 15 08/19/2014 129217990000										
Company MERIT E		3Y (	COMPANY				Lease AUSTIN	A			5	Vell Num	ber	
County Location MORTON 2230' FNL & 2160' FEL				Section 9		TWP 33S		RNG (E/W) 42W			Acres Attributed 640			
Field MUSTANG, EAST				Reservoir MORROW			Gas Gathering ONEOK		•	ection				
Completic 08/03/20		•			Plug Back 4750'	Total Dept	h		Packer S	et at				
Casing Size 5.5"			Weight 17.0#		Internal Diameter 4.892"		Set at <b>5150'</b>		Perforations 4535'		то 4547'			
Tubing Size 2.375"			Weight 4.7#		Internal Diameter 1.995"		Set at 4610'		Perforations		То			
Type Con SINGLE	-GAS	3			Type Fluid WATE	d Production R	<b>1</b>			it or Traveling BEAM PUN	MP	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C 0.168%	arbon Dioxi	de	% Nitrogen 14.815%			Gas Gravily - G 0.729				
Vertical Depth(H) 4541'			Pressure Taps FLANGE					(Meter F 3.068		ver) Size				
Pressure	Buildup	o: :	Shut in AUC	3 18 <sub>2</sub>	0_14_at_8	.00 AM	(AM) (PM)	Taken_Al	JG 19	20	14 at 8:00 A	M (A	M) (PM)	
Well on L	ine:	:	Started	2	0 at		(AM) (PM)	Taken		20	at	(A	M) (PM)	
	_					OBSERVE	D SURFACE	DATA			Duration of Shut-	24 in_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle ans: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Well Head Temperature t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Produced irrels)	
Shut-In	Shut-In		, , ,		_			594.4	paig	paid	24			
Flow														
	1	<u> </u>	<b>8</b> 1 <b>1</b> 1 <b>1</b> 1 <b>1</b> 1		1	FLOW STR	EAM ATTRI	BUTES	— т			1		
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	ension Facto		Flowing Temperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	(Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
				<u> </u>	_									
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	• •	'ERABILITY) % (P.	CALCUL - 14.4) +		:	(P <sub>a</sub> ) <sup>(</sup>	²= 0.207 ²=	7	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup>	1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> LOG of formula 2. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> 1. or 2.		Backpres Slop		n v l	.og	Antilog	Ope Defive	n Flow erability R x Antilog	
(1 6) - (1	' d/			divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		rd Slope		ا اد حا		(N	lcfd)	
							+				<del></del>			
Open Flow Mcfd @ 14.65				.65 psia		Deliverabi	eliverability			Mcfd @ 14.65 psia				
											rt and that he ha			
the facts s	stated ti	nerei	in, and that sa	id report is true	e and correc			41	•	OVEMBER	GY COMPAN	, 20 <b>V</b>	)	
			Witness (i	алу)		KANSAS COF	Received RPORATION COI	MOISSIMN		For C	Company			
			For Comm	isslon		NO'	v 12 20	14	IA BUR	1014	ama Bui	<del></del>		

exempt	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
of equip	oment installation and/or upon type of completion or upon use being made of the gas well herein named.  ereby request a one-year exemption from open flow testing for theAUSTIN A 5
	Il on the grounds that said well:
staff as	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  rther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
	Signature: JANNA BURTON Jama 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.