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

Type Test:	(See	Instruc	tions on Re	verse Side	;)				
Open Flow Deliverabilty	Test Date:					lo. 15			
Company	08/16/2014		Lease		1292	11100000		Well Number	
MERIT ENERGY COMPANY			RENSH	AW B			4		
County Location MORTON 662' FNL & 696' FEL	Section 8	TWP 32S	- ( ,				Acres Attributed 640		
Field KINSLER, EAST	Reservoir MORROW			Gas Gathering Co ONEOK		ection			
Completion Date 02/10/1992	Plug Back Tota 5955'	th		Packer Set at					
Casing Size Weight 5.5" 15.5#	Internal Diame 4,950"	Set at 5999'		Perforations 5490'		то 5494'			
Tubing Size Weight 2.375" 4.7#	Internal Diame	Set at F 5579'		Perfora	Perforations		То		
Type Completion (Describe) SINGLE-GAS	Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes / No						/ No		
Producing Thru (Annulus / Tubing)	•	% Carbon Dioxide			% Nitrogen			Gas Gravity - G	
ANNULUS  Vertical Depth(H)	0.6122%	0.6122%  Pressure Taps			1.0474%			1.177 (Meter Run) (Prover) Size	
5492'		FLAI					3.068		
Pressure Buildup: Shut in AUG 15	14 at 11:00	AM	(AM) (PM)	Taken_Al	JG 16	20	14 at 11:00	AM (AM) (PM)	
Well on Line: Started2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
	OB	SERVE	D SURFAC	E DATA			Duration of Shut-	inHours	
Static / Orifice Circle one: Pressure Dynamic Size Property (inches)		remperature Temperature		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>I</sub> ) or (P <sub>c</sub> )		bing d Pressure P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In psig (Pm) Inches H <sub>2</sub> 0	-		98.0	psia 52.4	psig	psia	24		
Flow				_					
	FLO	W STR	LEAM ATTR	IBUTES					
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd  Circle one:  Meter or Press Extension  Prover Pressure psta  Pmxh	Gravity Factor F <sub>g</sub>	7	Temperature Factor		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		w GOR (Cubic Fe Barrel)	l Gravity L	
	(OPEN FLOW)	DELIV	ERABILITY	) CALCUL	ATIONS		— (P_)	<sup>2</sup> = 0.207	
(P <sub>c</sub> ) <sup>2</sup> ⇒: (P <sub>w</sub> ) <sup>2</sup> =:	P <sub>d</sub> =		% (F	P <sub>c</sub> - 14.4) +	14.4 =	:		<sup>2</sup> =	
$ \begin{array}{c cccc} (P_c)^2 - (P_a)^2 & (P_c)^2 - (P_w)^2 & 1. \ P_c^2 - P_a^2 \\ \text{or} & 2. \ P_c^2 - P_d^2 \\ (P_c)^2 - (P_d)^2 & \text{divided by: } P_c^2 - P_w \\ \end{array} $	LOG of formula 1. or 2. and divide p 2.	- P <sub>#</sub> 2	Backpressure Curve Slope = "n"				Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow Mcfd @ 14	65 peia		Deliverab	sititu			Mcfd @ 14.65 psi		
·		that !-		-	a make sk-	ahere			
The undersigned authority, on behalf of the the facts stated therein, and that said report is tru	• •		•			•		, 20 <u></u> .	
						RIT ENER	GY COMPAN	Υ	
Witness (if any)	NO	)V 2	6 2014	JANN	NA BURT		Company  Ama But  ked by	tán	
For Commission			EIVED			<b>O</b> (6)	cked by		

exempt status und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY going pressure information and statements contained on this application form are true and
correct to the bes	t of my knowledge and belief based upon available production summaries and lease records
of equipment inst	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the _RENSHAW B 4
gas well on the g	rounds that said well:
_	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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: NOVEMBE	ER 21, 2014
	Signature: JANNA BURTON James 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.