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

Type Test	:				(	See Instruct	ions on Revo	erse Side,	)					
Ор	en Flo	N			Test Date	<b>,.</b>			ΔPI	No. 15				
Deliverabilty				07/02/201			15-175-21216-00				0000			
Company MERIT E		GY (	COMPANY				Lease LIBERAL				2-6	Well Nu	mber	
County SEWARD			Location NE NE	1	Section 6		TWP 35S		RNG (E/W) 33W			Acres Attributed 640		
Field SALLEY					Reservoir CHESTER			Gas Gathering CONEOK			ection		PH to the helder decreases and branch habites	
Completion Date 01/28/1992		•			Plug Back Total Depth 6847		h		Packer Set at					
Casing Size			Weight 10.5		Internal Diameter 4.052		Set at <b>6925</b>		Perforations 6492		то 6650			
Tubing Size 2.375			Weight		Internal Diameter		Set at 6678		Perforations		То			
Type Completion SINGLE-GAS						d Production					veling Plunger? Yes / No			
		(Anı	(Annulus / Tubing)			arbon Dioxi	de	% Nitrogen			Gas Gravity - G <sub>g</sub>			
ANNUL			<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>									<del> </del>		
Vertical Depth(H)		ł) 				Press FLAI	sure Taps NGE	•			(Meter Run) (Prover) Size 3.068			
Pressure	Buildu	p:	Shut in	1/2014 2	0 at	:00 PM	(AM) (PM)	Taken_07	/02/201	4 20	at_1:00 P	<u>M</u> (	AM) (PM)	
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(	AM) (PM)	
						OBSERVE	D SURFACE	DATA		"	Duration of Shut-	<sub>in</sub> 24	Hours	
Static / Dynamic Property	amic Size <sub>Pr</sub>		Circle one:  Meter  Prover Pressure	1	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0			35.0	psia	psig 0.0	psia	24			
Flow														
						FLOW STR	EAM ATTRI	BUTES	1					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Pro	Circle one:  Meter or  over Pressure  psia	Press Extension P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Femperature Factor F <sub>ft</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	y GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =			(P <sub>w</sub> )² =_		(OPEN FL	• •	ERABILITY) % (P.	CALCUL + 14.4) +				<sup>2</sup> = 0.2	07	
$(P_c)^2 - (P_c)^2$		· (F		1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup>			Backpres Slope	sure Curve e = "n" origned	n x L	.og	Antilog	Op Deli Equals	en Flow verability R x Antilog	
			di	vided by: $P_c^2 - P_w^2$		' c ' w	Standa	rd Slope		L .J		. '	Mcfd)	
							-							
Open Flow		Mcfd @ 14.65 psia				Deliverability			Mcfd @ 14.65 psia					
The	unders	igne	d authority, on	behalf of the	Company,	states that h	e is duly aut			•	ort and that he ha	ıs know	ledge of	
the facts s	tated t	here	in, and that sai	d report is true	and correc	t. Executed	this the 22	ND	day of D	ECEMBER		, 2	20 14 .	
			Witness (if	any)	<b>K</b> A	Red NSAS CORPOR	Ceived RATION COMMIS	SSION	ME		GY COMPAN			
•			For Commis	slon			9 2014		A BUR	TON	Jama Bu	erton		

I declare under 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 and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the LIBERAL 2-6 gas well on the grounds 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  I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: DECEMBER 22, 2014
Signature: JANNA BURTON Jonna Button  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.