## July 2014

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

Type Test	:				(:	See Instruct	ions on Reve	erse Side	)						
Open Flow Deliverabilty				Test Date: 08/26/2014				API No. 15 15-129-21235-0001							
Company MERIT ENERGY COMPANY				Lease WACKER B			 R В			Well Number					
County				Section 10				RNG (E/W) 42W			Acres Attributed 640		ttributed		
Field BOEHM				Reservoir		EKA/MARMA	Gas Gathering MARMATON ONEOK			ection					
Completion Date 03/14/1994					Plug Back Total Depth 4430		h	Packer Set at		et at					
Casing Size 5.5			Weight 14.0		Internal Diameter 5.012		Set at 4625		Perforations 2674		то 3674				
Tubing Size 2.375			Weight	t	Internal Diameter 1.995		Set at 3315		Perforations		То				
Type Completion (Describe) COMMINGLED-GAS			Type Fluid Production WATER			Pump Unit or Traveling Pl YES - BEAM PUMF									
Producing Thru (Annulus / Tubing) ANNULUS				% c	arbon Dioxi %	de	% Nitrogen 21.3470%			Gas Gravity - G <sub>g</sub> 0.871					
Vertical Depth(H) 3174				Pressure Taps FLANGE						(Meter Run) (Prover) Size 3.068					
			25/2014 2	at 11:00 AM (AM) (PM)			Taken 08/26/2014 20			at_1	at11:00 AM(AM) (PM)				
Well on L	ine:		Started	20	0 at		(AM) (PM)	Taken		20	at		(	AM) (PM)	
						OBSERVE	D SURFACE	DATA	1		Duration o	of Shut-i	_24	Hours	
Static / Dynamic Property	ynamic Size		Circle one: Pressu Meter Differen Prover Pressure in psig (Pm) Inches h		Flowing Well Head Temperature 1 Temperatu		I Wallhaari Pracciira		Tubing Wellhead Pressur (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub>		Duration (Hours)		Liquid Produced (Barrets)		
Shut-In			P=0 (1 m)				57.0	psia	psig psia		24	24			
Flow															
			Circle one:		·	FLOW STR	REAM ATTRI	BUTES		<del></del> -					
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Meter or over Pressure psia	Press Extension ✓ P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>II</sub>	Fa	iation etor = PY	Metered Flo R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> ) <sup>2</sup> =			(P )2=		(OPEN FL	, ,	<b>'ERABILITY)</b> % (P.		.ATIONS - 14.4 ==	•		(P_)² (P_)²	= <b>0.2</b>	07	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> - P <sub>s</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>d</sub> <sup>2</sup> LOG of tormula 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> 1. or 2. and divide		Backpres Slope 		, n x		Antijo	Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
				divided by: $P_c^2 - P_w^2$	by:		Standa	rd Slope					'	, Molay	
Open Flow Mcfd @ 14.6					65 psia	55 psia Del			verability			Mcfd @ 14.65 psia			
		_	-	n behalf of the			-					t he ha		ledge of 20 14 .	
ule lacis s	siate0 I	ı təre	iii, and mat Sa	aid report is true	16484	Receiv	ea			RIT ENEF		/PAN		.v	
			Witness (i	f any)		CORPORATIO	ON COMMISSION		NA BUR	Foi	Company			<del></del>	
			For Comm	nission		<del>JAN 0</del> -2	2015 -	DAINI	NA DUK	Ch	eckdyby	۸ا	Burt	<b>M</b>	

exempt status under Rule K.A.R. 82-3-304 on behalf of and that the foregoing pressure information and state	tements contained on this application form are true and								
· -	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 WACKER B 4									
	How testing for the								
gas well on the grounds that said well:									
is on vacuum at the present time; I	tion into an oil reservoir undergoing ER KCC approval Docket No aily rate in excess of 250 mcf/D any and all supporting documents deemed by Commission								
	JANNA BURTON Jame Burton 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.