KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:				(See Instruct	ions on Re	verse Side)				
Open Flow Deliverability				Test Date: API No. 15									
			<u> </u>		02/28/2	015			15-	129-20606-0		Well Number	
Company MERIT ENERGY COMPANY				Lease BARKER B							1-22		
County Location MORTON 660' FNL & 660' FEL			Section TWP 22 33S				RNG (E/W) 41W			Acres Attributed 640			
Field BERRYMAN				Reservoir WABAUNSEE				Gas Gathering Connection APC					
Completion Date 12/01/1987					Plug Back Total Depti 2975'		h	Packer Set at NA		Set at			
Casing S 4.5	ize		Weight 10.5#		Internal Diameter 4.0		Set at 3365'		Perforations 2712'		то 2932'		
Tubing Size 2.375			Weight 4.7#		Internal Diameter 1.995		Set at 2962'		Perforations NA		To NA		
Type Completion (Describe) SINGLE GAS			Type Fluid Production WATER					nit or Traveling ROD PUM		/ No			
Producing	_	(Anr	nulus / Tubing)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - G _g	
Vertical Depth(H) 2822'			Pressure Taps FLANGE						(Meter 3	Run) (Prover) Si			
Pressure	Buildu	o: :	Shut in02/2	282	0 15 at 9	:00 AM	(AM) (PM)	Taken 03	3/01	20	15 at 9:00 A	M (AM) (PM	
Well on L	.ine:		Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM	
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in_24H	
Static / Orifice Dynamic Size Property (inches)		9	Prover Pressure in		Flowing Well Hear		1 Wellhead Pressure 1		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c) psig psia		Duration (Hours)	Liquid Produce (Barrels)	
Shut-In	0.88						36	poid	poig	рэга	24_		
Flow													
Γ			Cinta		-	FLOW STR	EAM ATTR	IBUTES				mtla	
Plate Coetfiecient (F _b) (F _p) Mcfd		Meter or Extens		Press Extension ✓ P _m xh	Gravity Factor F _g		Flowing Temperature Factor F _I ,	ature Factor		Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	Gravit	
l <u> </u>								<u> </u>					
(P) ² =			(P _w)² ≔_		(OPEN FL	OW) (DELIV) CALCUL ⁾ 。- 14.4) +			(P _a) (P _d)	² = 0.207 ² =	
$(P_c)^2 = \frac{(P_c)^2 - (P_a)^2}{\text{or} (P_c)^2 - (P_d)^2}$		$ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - P_c^2 - P_c^2 $ $ (P_c)^2 - P_c^2 - P_c^2 $ $ (D_c)^2 - P_c^2 - P_c^2 $ $ (D_c)^2 - P_c^2 - P_c^2 - P_c^2 $ $ (D_c)^2 - P_c^2 - P_c^2$		LOG of formula 1. or 2. and divide p 2 p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Anti (Mcfd)		
				widea ay. 1 e - 1 w		<u></u>			-				
Open Flow Mcfd @				Mcfd @ 14.	65 psia		Deliverability			Mcfd @ 14.65 psia			
		-	•	behalf of the						ne above repo lovember	rt and that he ha	s knowledge of	
						_	eived			erit Energ	y Company	<u>, </u>	
			Witness (if	any)					Ka	therine M	ompany IcClurkan		
			ForCommi	ssion		DEC 1	2 2015-			Chec	ked by		

	•							
, , , , ,	der the laws of the state of Kansas that I am authorized to request on behalf of the operator Merit Energy Company							
	ion 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 Baker B 1-22								
gas well on the grounds that said well:								
(Check one)								
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								
	f my ability any and all supporting documents deemed by Commission							
staff as necessary to corroborate this clai	m for exemption from testing.							
	•							
Date: November 30, 2015								
)							
	10 1001							
	Signature: Katherine McClurkan Hahrund MClurk							
Received KANSAS CORPORATION COMMISSION								
DEC 0 2 2015	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.