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

Type Test	t:				(	See Instruct	ions on Reve	erse Side	)		•	
Op	en Flo	w							4.51			
I Deliverabiles				Test Date 01/16/20	t Date: API No. 15 /16/2015 15-081-21601-					0000		
Company MERIT ENERGY COMPANY					Lease HICKMAN B					Well Number		
County Location HASKELL 465 FNL & 2500 FWL				Section 28				RNG (E/ 33W	W)		Acres Attributed 640	
				Reservoit MORRO	eservoir MORROW/CHESTER			Gas Gat ONEO	hering Conn	ection		
Completio 08/20/20		e		<del></del>	Plug Bac 5522	k Total Dept	h		Packer S	Set at		i
Casing S 4.5	Casing Size Weight 4.5 10.5			Internal C 4.052	Internal Diameter 4.052		Set at 5670		rations 2	то 5375		
Tubing Size Well 2.375 4.7			Weigh 4.7	ht Internal D 1.995		liameter Set at 5416		Perforations		То		
Type Con					Type Flui WATE	d Production	1			nit or Traveling BEAM PU	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing) % (ANNULUS 0.2891					Carbon Dioxide			% Nitrogen 8.9396%			Gas Gravity - G <sub>o</sub> 0.735	
Vertical Depth(H) 5354					Pressure Taps FLANGE					(Meter 3.068	Run) (Prover) Size	
Pressure	Buildu	p:	Shut in _01/	16 2	o 15 at 8	:30 AM "	(AM) (PM) 1	Jaken_01	1/17	20	15 at 8:30 A	M (AM) (PM)
Well on L	.ine:		Started	2	0 at		(AM) (PM) 1	Taken		20	at	(AM) (PM)
		_				OBSERVE	D SURFACE	DATA		<u> </u>	Duration of Shut-	in 24 Hours
Static / Orification  Dynamic Size  Property (inches		e	Meter Differ		Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Duration (Hours)	Liquid Produced (Barrels)
Shut-In			, = 9 (,,				26.0	psia	psig	, µsia	24	
Flow							<u> </u>	n	<u> </u>	<u> </u>		
						FLOW STR	EAM ATTRIE	BUTES		· '		
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Extension Factor		or Temperature		ation ctor	Metered Flow R (Mcfd)	y GOR (Cubic Fe Barret)	! Gravily
L								<u> </u>				
(P <sub>c</sub> )²		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO		ERABILITY) ·	CALCUL - 14.4) +		;	(P <sub>a</sub> ) (P <sub>d</sub> )	² = 0.207 ² =
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>		(P	P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. $P_c^2 - P_A^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$		P.2. P.2	Backpressure Curve Slope = "n" or Assigned Standard Slope		nxt	og [	Antilog .	Open Flow Deliverability Equals R x Antilog (Mcfd)
					-		_					
	,					· ·	·					
Open Flo				Mcfd @ 14.	<u> </u>		Deliverabili	<u> </u>			Mcfd @ 14.65 psi	
				n behalf of the						e above repo ovember	ort and that he ha	s knowledge of, 20 _15
						,	Received			Merit Ene	rgy Company	<u> </u>
- For Commission					KANSAS CORPORATION COMMISSION  DEC 0 2 2015				For Company Katherine McClurkan Checked by			

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 Hickman B 5
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
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: November 30, 2015
Signature: Katherine McClurkan Kathouné McLlukan Kansas corporation commission  Title: Regulatory Analyst
DEC 0 2 2015
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.