KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			(See Instruct	tions on Reve	erse Side)					
Op	en Flow			Toot Date				4 D.I	No. 15				
Deliverabilty					Test Date: 06/08/2014				API No. 15 15-175-20838-0000				
Company MERIT		Y COMPANY			•	Lease HEADRI	CK A			1	Well Nu	mber	
County Location SEWARD 1980' FSL & 330' FEL			Section 11		TWP 35S			W)	Acres Attributed 640		Attributed		
Field WIDEAWAKE			Reservoir LOWER	MORROV	N		Gas Gathering Cor APC		ection				
Completion Date 08/13/1982			Plug Bac 6430'	Plug Back Total Depth 6430'			Packer S NA'	Set at					
Casing S 4.5	ize	Weigh 11.6#		Internal Diameter 4.0		Set at 6439 '		Perforations 6260'		^{То} 6276'			
Tubing Size We 2.375 4.7			ht Interna 1.995		Diameter	Set at 6225'		Perforations NA		To NA			
Type Cor SINGLE		(Describe)		Type Flui WATE	d Production	n			nit or Traveling		/ No		
Producing	•	Annulus / Tubin	9)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - (ag .	
Vertical Depth(H) 6329'			Pressure Taps FLANGE						(Meter I	Run) (P	rover) Size		
Pressure	Buildup:	Shut in 06/	07/2014 2	0 at	0:30 AM	(AM) (PM) 1	aken_06	6/08/20	14 20	at10:30 /	AM (AM) (PM)	
Well on L	.ine:	Started	2	0 at		(AM) (PM)	aken		20	at	(AM) (PM)	
	,				OBSERVE	D SURFACE	DATA	,		Duration of Shut-	in_24	Hours	
Static / Dynamic Property	Orifice Size (inches	Meter Provet Pressi	Meter Differential .		Flowing Well Head Temperature t Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		fubing ad Pressure r (P ₁) or (P _c)	Duration Liq (Hours)		d Produced Barrels)	
Shut-In	.875		2			38.0	háis	psig	psia	24			
Flow													
					FLOW STR	EAM ATTRIE	BUTES	-		<u> </u>		I	
Plate Coeffice (F _b) (F Mcfd	ient p)	Circle one: Meter or Prover Pressure psia Press Extension Pmxh		Gravity Factor F _g		Flowing Deviatement Factor Factor For Free Factor Factor For Free Factor For Factor For Factor For Factor F		ctor R		(Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
							<u></u>						
(P _c) ² =		; (P)² =	:	(OPEN FL	• •	ERABILITY)		ATIONS 14.4 =	:	(P _a)	²= 0.2 ²=	07	
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d	LOG of formula 1. or 2.	P _c ² - P _w ²	Backpressure Curve Slope = "n"			LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
			wanted by: 1'c Tw	, , , , , , , , , , , , , , , , , , ,	<u> </u>	Charitan						· ·	
Open Flo	w		Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 psi	a		
	_	-				•			•	ort and that he ha		_	
ine facts s	iated the	rein, and that s	aiu report is trui	and correc						RGY COMPA		₂₀ <u>14</u> .	
		Witness (if any)	KAN	Rece	eived — ATION COMMISS	IGN			Company	NIN I		
		For Comm	nission		በድር ን	ATION COMMISS	ANNA	4 BUR	ION A	ama Bus	tion		
					DEC Z	9 2014				*			

exempt status u	der penalty of perjury under the laws of the state of Kansas that I am authorized to request or nder Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY egoing pressure information and statements contained on this application form are true and st of my knowledge and belief based upon available production summaries and lease records
	stallation and/or upon type of completion or upon use being made of the gas well herein named. uest a one-year exemption from open flow testing for the HEADRICK A-1
gas well on the	grounds that said well:
I further agr	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 ee to supply to the best of my ability any and all supporting documents deemed by Commission ary to corroborate this claim for exemption from testing.
	Signature: JANNA BURTON Jama 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.