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

Type Test	:				(	See Instruc	tions on Rev	verse Side	)				
□ Ор	en Flov	,			Total Bala								
Deliverabilty					Test Date 06/07/20			API No. 15 15-175-21648-0000					
Company MERIT ENERGY COMPANY						Lease HAR DEN						Well Number A-3	
County Location SEWARD 660' FNL & 1980' FWL				Section 34				RNG (E/			Acres Attributed		
Field				Reservoir CHESTI			Gas Gathering Conn APC		ction				
Completion Date 09/27/1997				Plug Bac 5960'	k Total Dept	th		Packer S NA'	et at				
Casing Size Weight 5.5 15.5#				Internal D 4.95	Diameter			Perfor 5839	ations )'	то 5860'			
Tubing Si 2.375	ze		Weight 4,7		Internal D 1.995	Diameter	eter Set at 5790'		Perforations NA		To NA		
Type Completion (Describe) SINGLE GAS				Type Flui- NONE	Type Fluid Production NONE			Pump Un	it or Traveling	Plunger? Yes / No			
Producing	•	(Anr	nulus / Tubing)		% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	g
Vertical D		)				Pres	sure Taps				(Meter F	Run) (Pro	over) Size
5849'						FLAI					3		
Pressure	Buildup			6/2014 2							at 9:30 A		AM) (PM)
Well on L	ine:	:	Started	2	0 at		(AM) (PM)	Taken		20	at	(/	AM) (PM)
					, <del></del>	OBSERVE	D SURFACE	DATA		-11	Duration of Shut-	in 24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Temperature Temperature		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>o</sub> )		ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	,	
Shut-In	.50		poig (i iii)	Inches (1 <sub>2</sub> 0			50.0	psia	psig	psia	24		
Flow					İ								
L <del></del>				<u> </u>	·	FLOW STR	REAM ATTR	IBUTES					
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Extension Fact		tor Temperature		iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
										· ·			
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> )² ≃	:	(OPEN FLO		'ERABILITY' % (F	CALCUL ( - 14.4) +		:	(P <sub>a</sub> ) <sup>*</sup>	<sup>2</sup> = 0.20	7
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		hoose formula 1 or 2 1. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_d$	LOG of formula 1. or 2, and divide		Backpressure Cur Slope = "n" or				Antilog	Op Deli	
					-							<u> </u>	
Open Flow Mcfd @ 14.65				.65 osia	5 psia Deliv			ability		Mcfd @ 14.65 psia			
		100	l authority on			statos that h			o make #	-	t and that he ha		odae ef
			n, and that said							ECEMBER	t and mat no na		o <u>14</u> .
						Receive	od _		MER		GY COMPA	ANY	
			Witness (if a	eny)	KANSAS	CORPORATION	COMMISSION	IANNA	A BURT		ompany B.	, to	
			For Commis	sion	D	EC 29	2014	<u> </u>	· DOIL	CIP	ked by	<del>,,,,,,,,,</del>	•

CONSERVATION DIVISION WICHITA, KS

exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator MERIT ENERGY COMPANY oing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. Lest a one-year exemption from open flow testing for the HAR DEN A-3 ounds that said well:
staff as necessary	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 mct/D eto supply to the best of my ability any and all supporting documents deemed by Commission of to corroborate this claim for exemption from testing.
Date: DECEMBE	Signature: JANNA BURTON Jama Bunton 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.