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

Type Tes	t:				(	See Instruct	tions on Reve	erse Side	)					
Open Flow														
Deliverabilty				Test Date 5/03/20		API No. 15 15-129-20753-0003				0003				
Company MERIT ENERGY COMPANY							Lease DUNKLE A				Well Number 2			
County Location MORTON 4030' FSL & 4030' FEL				Section 1			TWP 33S		W)	Acres Attributed 640				
Field DUNKLI	EBER	GER			Reservoir		CHEROKEE, TO	PEKA	Gas Gar APC	thering Conn	ection			
Completion Date 02/01/1986				Plug Bac 5247'	k Total Dept			Packer Set at NA						
Casing Size Weight 4.5 10.5#			Internal Diameter		Set at 5441		Perforations 3128		To 5292					
Tubing Size Weight				Internal Diameter		Set at		rations	То					
2.375 4.75			1.995		5116		NA		NA NA					
Type Completion (Describe) COMMINGLED GAS				Type Flui WATE	d Production	n			nit or Traveling ROD PUN	MP				
Producing CASING	•	(Anr	ulus / Tubin	g)	% C	arbon Dioxi	de		% Nitrog	jen	Gas Gr	avity - (	G <sub>a</sub>	
Vertical Depth(H) 4210					<del></del>	Pressure Taps FLANGE					(Meter	Run) (P	rover) Size	
Pressure	Buildu	p: :	Shut in 05/	03	15 at 9	:00 AM	(ÅM) (PM)	Taken_0	5/04 .	20	15 <sub>. at</sub> 9:00 A	M	(AM) (PM)	
Well on L	ine:	;	Started	2	0 at		(AM) (PM) 1	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24	Hours	
Static / Orific  Dynamic Size  Property (inche		е	Circle one: Meter Prover Pressi		Ftowing Well Head Temperature t t t		(P, ) or (P, ) or (P,		Tubing Wellhead Pressure $(P_w) \circ (P_1) \circ (P_2)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.63		psig (Pm)	Inches H <sub>2</sub> 0			psig 26	psia	_ psig	psia	24	<del> </del>		
Flow														
						FLOW STR	REAM ATTRIE	BUTES						
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mold		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Extension Facto		Flowing Femperature Factor F	Deviation Factor F <sub>pv</sub>		Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> )² ≃			(P <sub>w</sub> ) <sup>2</sup> =		(OPEN FL	• •	ERABILITY) % (P.	CALCUL - 14.4) +		•	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.2	207	
		<u> </u>		Chaose formula 1 or 2	:		7	ure Curve			<u>*' d/</u>		pen Flow	
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_g)^2$		(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. $P_{c}^{2} - P_{a}^{2}$ 2. $P_{c}^{2} - P_{d}^{2}$ divided by: $P_{c}^{2} - P_{d}^{2}$	LOG of formula 1, or 2, and divide by:	P.2 - P.2	Slope = "n" Assigned Standard Slope		n x LOG		Antilog	Del Equals	Deliverability Equals R x Anlilog (Mcfd)	
Open Flow Mcfd @ 14.65 psia					Deliverability			Mcfd @ 14.65 psia						
		_	-						. N	ne above repo lovember	rt and that he ha		ledge of 20 15 .	
ine lacts s	tated th	nereii	n, and that sa	aid report is true		Rece	eived		· ·		. Compos			
			Wilness (	if any)	KANS	AS CORPORA	TION COMMISS	ON		For C	y Company Ompany 4 - Olympia			
			For Comm	nission		DEC 0	2 2015—		Ka	at <u>nerine N</u>	/IcClurkan_ -ked 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									
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.									
Start as necessary to comborate this claim for exemption from testing.									
Date: November 30, 2015									
•									
$\sim 10^{-1}$									
Signature: Katherine McClurkan Youthulw 97 Cuu									
Received  KANSAS CORPORATION 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.