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

Type Tes	t:				(	See Instruct	tions on Rev	erse Side	?)		ı			
Open Flow														
Deliverability									l No. 15 -17 <b>5-22170-</b> 1	0001				
Company MERIT ENERGY COMPANY						Lease ARDITH				Well Number 4-E11-31-33				
County Location SEWARD SE NW SW NW				Section 11				RNG (E	<del>2</del> W)		Acres Attributed 640			
Field					Reservoir MORROW			Gas Gathering Connection DCP MIDSTREAM						
Completion Date 01/20/2009				Plug Bac 5707	Plug Back Total Depth 5707			Packer	Set at		_			
Casing Size Weight 4.5 10.5			Internal D 4.052	Internal Diameter 4.052		Set at <b>5751</b>		rations 8	то 5431					
Tubing Size Weig 2.375 4.7			Weigh	t Internal I 1.995		Diameter	iameter Set at 5466		Perforations		То			
Type Cor SINGLE			escribe)							Pump Unit or Traveling Plunger? Yes / No				
Producing Thru (Annulus / Tubing) ANNULUS				% C					gen	Gas Gi	Gas Gravity - G			
ANNULUS         %           Vertical Depth(H)         Pressure Taps         (Meter Run) (Prover)										rover) Size				
5410 FLANGE 3.068														
Pressure	Buildu	ip:	Shut in 04/	01 2	20 15 at 1	1:00 AM	(AM) (PM)	Taken_04	/02	20	15 at 11:00	AM_	(AM) (PM)	
Well on L	.ine:		Started	2	.0 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in_24	Hours	
Static / Orifi Dynamic Size Property (inchi		Meter Prover Pressure		Pressure Differential in	Flowing Well Head Temperature t t		Casing Wellhead Pressure $(P_w)$ or $(P_+)$ or $(P_c)$		Tubing Wellhead Pressure $(P_w) \text{ or } (P_1) \text{ or } (P_c)$		Duration (Hours)		d Produced Barrels)	
Shut-In	(		psig (Pm)	Inches H <sub>2</sub> D		`	psig 38.0	psia	psig -	psia	24			
Flow														
	L					FLOW STR	EAM ATTRIE	BUTES		i		<u>.</u>		
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension	Grav Fact	rity T	Flowing Temperature Factor F <sub>1</sub> , Devial		ctor R		W GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
					(OPEN FLO	OW) (DELIV	ERABILITY)	CALCUL	ATIONS		(P.)	² - 0 2	07	
(P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =	9	% (P <sub>c</sub>	- 14.4) +	14.4 =	:	(P <sub>d</sub> )	²= 0.2 ²=		
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2  1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	LDG of fermula 1. or 2.	formula 1. or 2. and divide   p 2 p 2		Backpressure Curve Slope = "n" Assigned Standard Slope		LOG	Antilog	Open Antilog Equals R (M		
								F-						
			_											
Open Flor	w			Mcfd @ 14.	.65 psia		Deliverabili	ty			Mcfd @ 14.65 ps	ia		
		-	•		•		•			•	ort and that he ha		-	
the facts s	tated t	herei	n, and that sa	aid report is true	e and correc	t. Executed Rece	_			lovember		, \$	<u>15</u> .	
			Witness (	fany)	KANS		TON COMMISSI	N	Me	rit Energy (	Company Company			
For Commission						DEC_0 2 2015				Katherine McClurkan				
			. 5. 601111	,	_	01/0=m				One				

CONSERVATION DIVISION WICHITA, KS

exempt status under Rule K.A.R. 82-3-304 on behalf of and that the foregoing pressure information and stat correct to the best of my knowledge and belief based	tements contained on this application form are true and upon available production summaries and lease records on or upon use being made of the gas well herein named.									
gas well on the grounds that said well:										
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										
Received Kansas corporation commission Received Received	Katherine McClurkan 4 1 100 MC MC MC Markan									
11 <sup>e</sup>	Regulatory Analyst									
CONSERVATION DIVISION WICHITA, KS	Regulatory Allalyst									

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.