KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Rev	erse Side)						
Open Flow				T1 D1	Test Date:				N- 48						
Deliverabilty					Test Date: 11/14/2015			API No. 15 15-187-21141-0000							
Company MERIT ENERGY COMPANY					Lease LEON							Well Number 4-A12-30-39			
County Location STANTON 1145 FNL & 426 FEL				Section 12		TWP 30S		RNG (E/W) 39W			Acres Attributed 640				
Field LITTLE BOW				Reservoir MORRO			Gas Gathering Co FRONTSTREET			ection			, "		
Completion Date 01/14/2009				Plug Bac 5716	k Total Dept	h	Packer Set at								
Casing Size Weight 5.5 17.0			Internal D	Internal Diameter 4.892		Set at 5853		Perforations 5318		то 5323					
Tubing Size Weight				Internal D)iameter	Set at		Perfor		To					
2.375 4.7			1.995		5372	?	·								
Type Completion (Describe) SINGLE-GAS				WATE	Type Fluid Production WATER			Pump Unit or Traveling Plunger YES - BEAM PUMP							
Producing Thru (Annulus / Tubing) TUBING				% 0 0.5587	arbon Dioxi %	de ,		% Nitrogen 15.0528%			Gas Gravity - G _g 0.670				
Vertical Depth(H) 5321					Pressure Taps FLANGE						(Meter R 3.068	un) (Pr	aver) Size		
			Shut in	4 2	15 at 1			Taken_11	/15	20	15 at_		И (AM) (PM)	
Well on Line: Started									20	at _					
					., .	OBSERVE	D SURFACE	DATA		a e	Duration	of Shut-i	24	Hours	
Static / Orifice Dynamic Size Property (inches)			Circle one: Meter	Pressure Differential	Flowing	Well Head	Casing Wellhead Pressure		Tubing Wellhead Pressure		Duration		Liquid Produced		
		Prover Pressure		e in Inches H₂0	t	Temperature t	(P _w) or (P,) or (P _c) psia	(P _w) or psig	(P ₁) or (P _c)	(Hot	urs) (Barrels)		Barrels)	
Shut-In	Shut-In								9.0		24				
Flow														:	
						FLOW STR	EAM ATTRI	BUTES							
Plate Coefficcient (F _b) (F _p) Mctd		Circle one: Meter or Pröver Pressure psia		Press Extension ✓ P _m xh	Extension Fa		Flowing emperature Factor F _H	Deviation Factor F _{pv}		Metered Flow Fl (Mcfd)	I .	GOR (Cubic Fee Barrel)		Flowing Fluid Gravity G _{in}	
L			"		(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS			(P.)²	= 0.20	07	
(P _c) ² =		_:_	(P _w) ² =_	<u> </u>	P. _d =		% (P	_c - 14.4) +	14.4 =			(P _d) ²			
(P _e) ² - (F or (P _e) ² - (F	P _a) ²	$(P_c)^2 - (P_w)^2$		1. P _c ² • P _n ² 2. P _c ² • P _d ²	LOG of formula 1, or 2, and divide	formula 1, or 2.		Backpressure Curve Slope = "n" or Assigned		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mold)	
	-			ivided by: P.2 - P.	2 by:		Standa	ard Slope						wicid)	
											1				
Open Flow		-	.	Mcfd @ 14,	.65 psia	5 psia		Deliverability		Mcfd @			14.65 psia		
		ianer	d authority, on			tates that h		•	make th					edae of	
		•	in, and that sa		• • •		-		day of No					15	
						Received KANSAS CORPORATION COMMISSION				Merit Energy Company					
			Witness (if			DEC 02		// ···	Ka	therine Mo	Company Clurkai cked by	1	· · · · · · · · · · · · · · · · · · ·		
			. 5. 65.1110	· · · • · · · ·		J U L	F010			J.160	·,				

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 Leon 4-A12-30-39 gas well on the grounds that said well:
gas well off 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.
Received Signature: Katherine McClurkan Yalhulul McLulul Title: Regulatory Analyst DEC 0 2 2015 CONSERVATION DIVISION WICHITA, KS

Instructions:

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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.