KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Týpe Test	t:			Ġ	See Instruct	ions on Reve	rse Side,)				
Open Flow			Test Date:				4 D1	N. 45				
De	liverabilty	,		Test Date 03/11/20					No. 15 1102690000			
Company MERIT ENERGY COMPANY					Lease GROVES A			no in interest of the second		2	Well Number	
County Location MORTON 1960' FNL & 2000' FWL			Section 3			TWP 35S		W)	Acres Attributed 640			
Field WILBUR	RTON			Reservoir MORRO				Gas Gat	hering Conn	ection		
Completic 05/08/19				Plug Back 5500'	k Total Dept	h		Packer S	Set at		· · · · · ·	
Casing Size Weight 5.5" 14.0#			Internal D 5.012"	Internal Diameter 5.012"		Set at 5550'		rations 5'	то 5245'			
Tubing Size Weight 2.375" 4.7#			Internal Diameter 1.995"		Set at 5248'		Perforations		То			
Type Completion (Describe) SINGLE-GAS					Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / YES - BEAM PUMP			/ No	
Producing Thru (Annulus / Tubing) ANNULUS				% C 0.3270	arbon Dioxi	de	% Nitrogen 3.2270%			Gas Gravity - G _g 0.742		
Vertical Depth(H) 5230'				,	Press	sure Taps NGE ,				(Meter Run) (Prover) Size 3.068"		
Pressure	Buildup:	Shut in _03/	11 2	0_15_at_9:	:00 AM	(AM) (PM) T	aken 03	3/12		15 _{at} 9:00 A	M (AM) (PM)	
Well on L	ine:			0 at		(AM) (PM) T	aken		20	at	(AM) (PM)	
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours	
Static / Dynamic Property	Orifice Size (inches)	Meter Prover Pressu	Pressure Differential in Inches H _o 0	Flowing Temperature t	Well Head Temperature t	Casin Wellhead P (P _w) or (P _I) psig	ressure	Weilhe	Fubing ad Pressure $P_{1} = P_{2} = P_{2}$ psia	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		1,00,3 (1,00)	2			40.0	psia	psig	psia	24		
Flow												
					FLOW STR	EAM ATTRIE	UTES					
Plate Coeffiec (F _b) (F Mcfd	ient	Circle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _g	tor T	Flowing remperature Factor F ₁₁	Fac	ation ctor	Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G	
(P _c) ² =	:	(P _w) ² =	:	(OPEN FLO		ERABILITY)	CALCUL - 14.4) +		;	(P _a)	² =. 0.207 ² =:	
(P _c) ² - (I	P _a) ²	(P _c) ² - (P _w) ²	Chaose formula 1 or 2. 1. $P_c^2 - P_d^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1: or 2. and divide	P _c ² -P _w ²	Backpress Slope o Assig Standar	ure Curve = "n" r	n x	LOG	Antilog	Open Flow Deliverability Equals R x Ant∎og (Mcfd)	
Open Flow Mcfd @ 14.65				65 psia					Mcfd @ 14.65 psia			
	-	•	n behalf of the						ne above repo lovember	rt and that he ha	s knowledge of, 20	
		, , , , , , , , , , , , , , , , , , , ,	, · · · · · ·					•	rit Energy (Company		
		Witness (i	f any)	K	ANSAS CORPO	PCeived PRATION COMM	ISSION	Ka	For C therine Mc	Company Clurkan		
		ForComm	nission	·	DEC	U 5 5048			Che	cked by		

DEC UZ ZUID

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 Groves A 2 has well on the grounds that said well: (Check one) (Check one) (I 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. (I 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 traff as necessary to corroborate this claim for exemption from testing. Received KANDAR CORPORATION COMMISSION DEC 0 2 2015 Title: Regulatory Analyst Title: Regulatory Analyst			
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CONSERVATION DIVISION	!	DEC 0 2 2015	Title: Regulatory Analyst
AMOUTH'VO	ÇO	NSERVATION 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.