KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruct	tions on Rev	erse Side)						
Open Flow				T. 18.											
Deliverabilty					Test Date: 9/20/2015				No. 15 081-20367-0	0004					
Company MERIT B		Y CC	MPANY				Lease CHARLE	S				2-12	Vell Nu	mber	
County Location HASKELL 600 FSL & 810 FWL				Section 12		TWP 29S	, ,			<u></u>	Acres Attributed 640				
Field KOENIG				Reservoir MARMATON			Gas Gathering Connection PIONEER								
Completion Date 10/09/1985			Plug Bac 5100	Plug Back Total Depth 5100			Packer Set at NA								
Casing Size 5.5			Weight 15.5		Internal D 4.950	Diameter	Set at 5310		Perfo 469	rations 0		то 504 2			
Tubing Si	ize		Weight 6.5		Internal Diam 2.441		Set at 5072		Perfo	rations		То			
Type Completion (Describe) SINGLE-GAS					Type Fluid Production SALTWATER			Pump-Unit or Traveling Plunge YES - PUMP UNIT			er? Yes / No				
Producing ANNUL		Annuli	us / Tubing)	% C	arbon Dioxi	de		% Nitrog	en		Gas Gra	vity - C) ₀	
Vertical Depth(H) 4866				Pressure Taps FLANGE				- 4 - 5 - 4			(Meter R METE		over) Size N - 3"		
Pressure	Buildup	: Shi	ut in _09/2	20 2	0 15 at 1	0:00 AM	(AM) (PM)	Taken 09	/21	20	15 at_	10:00 A	<u>M</u> (AM) (PM)	
Well on L	ine:	Sta	rted	2	0 at		(AM) (PM)	Taken		20	at _	· · · · · ·	(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration	of Shut-in	24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter over Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Tubing Wellhead Pressure (P_w) or (P_t) or (P_o) psig psia		Duration (Hours)		Liquid Produced (Barrels)		
Shut-In							20	psia	26	paid	24				
Flow															
						FLOW STR	EAM ATTRI	BUTES							
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter ot Prover Pressure psia		Press Extension ✓ P _m x h	nsion Factor		' Tomporatura		ation clor	Metered Flow R (Mcfd)		GOR (Cubic Feet Barrel)		Flowing Fluid Gravity G _m	
			45. 17		•	, ,	ERABILITY)					_	= 0.2	07	
(P _c) ² =		.:	(P _w) ² =	Choose formula 1 or 2	P ₄ =			, - 14.4) +	14.4 =	- i		(P _d)²			
(P _c) ² - (I or (P _c) ² - (I	"	(P _c) ²	- (P _w)²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_g^2$	LOG of formula 1, or 2, and divide	P _c ² - P _w ²	Slop	sure Curve e = "n" or igned rd Slope	n x	rog	Antil	log	Deli Equals	en Flow verability R x Antillog (Mcfd)	
							•								
							<u> </u>								
Open Flow				Mcfd @ 14.65 psia				Deliverability Mcfd @ 14.65 psia							
	_		_	behalf of the					N	ne above repo lovember	ort and the	at he has		ledge of 20 15 .	
ine facts s	ialeo th	erein, i	anu mat sa	id report is true	_		ans are	'	uay 01	RIT ENER	GY COI	MPAN'		_V <u>,, , , , , , , , , , , , , , , , , , </u>	
	<u> </u>		Witness (il	any)		Received PORATION CO	MMISSION -	ĸ			Company				
For Commission DEC 0 2 2015								Checked by -							

CONSERVATION DIVISION WICHITA, KS

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to 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 correct to the best of my knowledge and belief based upon available production summaries and lease of equipment installation and/or upon type of completion or upon use being made of the gas well herein.	true and
I hereby request a one-year exemption from open flow testing for the Charles 2-12 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 C staff as necessary to corroborate this claim for exemption from testing.	 Commission
Date: November 30, 2015 Signature: Katherine McClurkan Walhumi McC	Clurk
Received	-
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.