KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

L Op	en Flow			_										
Deliverability				Test Date: 5/31/2011				API No. 15 15-081-20370 - CC- CC						
Company MERIT ENERGY COMPANY				Lease HUNGATE								Well Nu	mber	
County Location HASKELL Y2 SW NW			Section TWP 13 29				RNG (E/W) 34W			Acres Attribute				
Field			Reservoir				Gas Gathering Connec							
KOENIG Completion Date			KANSAS CITY B', LANSING B', MARMATON, MORROW Plug Back Total Depth				PIONE!							
5/11/1997			5420'				N/A							
Casing Size 5 1/2"		Weight 15,5#		Internal Diameter		Set at 5520'		Perforations 4114'		то 527 0'				
Tubing Size 2 7/8"		Weight 6.4#		Internal Diameter					Perforations OPEN END		To			
Type Con	naletion i	(Describe)			id Production	۸		Pump Un	it or Traveling	Plunge	r? Yes	/ No		
		Gas + Oi			E/SALTV Carbon Dioxi			PUMP % Nitrogo			Gas Gr	avity - (à	
Producing Thru (Annulus / Tu ANNULUS			UNKNOWN					% Nitrogen Gas Gravity - G, UNKNOWN N/A				- 0		
Vertical D	epth(H)	-			Pres FLA	sure Taps NGE				,	(Meter F	, .	•	
Pressure	Builden	Shut in 5/3	02	0 11 ,, 9			Taken 5/	31	20	11 ,,			AM) (PN	
Well on L	•		2									-	• •	
			<u> </u>	·				··· •				24		
Static / Orifice Cacte one: Pressure			OBSERVED SURF			ACE DATA Casing Tubing			Duration of Shut-in 27 1					
Static / Orlfice Dynamic Size Property (inches		Meter Differen		Temperature	Temperature t	Wellhead Pressure (P _w) or (P ₁) or (P ₂) psig psis		Wellhead Pressure (P _w) = (P _t) = (P _c) psig paia		Ouration (Hours)		Liquid Produce (Barrels)		
Shut-In		1				58#	рыя	psag	para	24	4		8	
Flow														
					FLOW STR	EAM ATTR	BUTES							
Plate Coeffica (F _a) (F Mcfd	ent	Circle one: Meter or Prover Pressure psia	Press Extension P _m x h	Gravity Factor F _g		Flowing Femperature Factor F _{II}	ature Factor		Metered Flow R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowtr Fluid Gravit G	
						· · · · · · · · · · · · · · · · · · ·	<u> </u>							
		495. 14			OW) (DELIV							= 0.20	07	
(P _e)² =	:		Ghoose formule 1 or 2:	1	<u>,</u>	· • · · · ·	14.4) + sure Curve	14.4 =	: :		(P _a)²		an Flow	
(P _e) ³ - (P		(P _e) ² - (P _u) ²	1. P ₂ · P ₃ ·	LOG of formula 1. or 2.		Slope = "h"or Assigned		n x LOG		Antilog		Open Flow Deliverability Equals R x Antil		
(P ₆) (P	B) .		alvided by: P. 2 - P. 2	and divida by:	P.2 . P		rd Slope		LJ				Mcfd)	
				ļ				1						
			····	<u> </u>		<u></u>								
Open Flow			Mcfd @ 14.6			Deliverabi					14.65 psia			
	_	ed authority, or		• •		•		make the tay of	•	rt and th	at he has		edge of ₁₀ 11	
HE TACTS SU	ated thef	ein, and that sa	au report is true	ano correct	. Executed	uns (ne <u>J</u>		ray of	m	0/2		2	<u></u>	
		Witness (II	and a						ForCompany					
		A1153628 (II	any)						Horc	ambany				

DEC 2 2 2011

KCC WICHITA

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 HUNGATE #5-13 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. Date:/2/////
Signature: M. Chery Patrice Title: Regulatory

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.