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

ype Test:  Open Fl	ow				Joe manu	ctions on Re	+6136 3IU6	•1			
Deliverabilty Test Date: 11/02/2013						API No. 15 15-081-2 <del>133</del> 0 20, 370 - 0002					
Company Merit Energy	Company	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,			Lease HUNGA	NTE		•		Well Number #5-13
County Haskell	A			Section 13		TWP 29			:/W)	Acres Attributed 640	
Field Koeing				Reservoi Lansing/h		B/Marmaton/N	Gas Gat Marmaton/Morrow Pionee		thering Conn	ection	
Completion Date 5/11/1997				Plug Bac 5420	k Total De	oth	Packer Set at NA		Set at		
Casing Size Weight 15.5#			Internal (	Diameter		Set at 5520'		orations	то 5270		
ubing Size Weight				Internal Diameter					orations en End	То	
Gas + 0il)				Type Flui Crude	d Production	on	Pump Unit or Travelin Pump Unit		Plunger? (es	/ No	
Producing Thru (Annulus / Tubing)					Carbon Dio	kide		% Nitrogen			ravity - G <sub>g</sub>
Annulus /ertical Depth(H)				Unknown Pressure Ta			Taps			N/A (Meter Run) (Prover) Size	
- · · · · · · · · · · · · · · · · · · ·				Flange							r Run - 4"
Pressure Build	up: Shut in	11/01	/2013 20	at		_ (AM) (PM)	Taken 11	1/02/20	13 20	at	(AM) (PM)
Well on Line:	Started									at	
					OBSERV	ED SURFACI	E DATA			Duration of Shut-	-in Hour
Dynamic Si	namic Size Meter Prover Pressure		l in	Differential Flowing Temperature		Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	psig	(Pm)	Inches H <sub>2</sub> 0			psig	psia	psig	psia	0.4	1
Flow						50#				24	2 .
, low	<u>-</u>				FI OW ST	REAM ATTR	IRIITEE	<u> </u>			
Plate	Circle one	:	Press			Flowing					Flowing
Coeffictient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Coefficient Meter or Prover Pressure		Extension  P <sub>m</sub> xh	Gravity Factor		Temperature Factor	Factor Factor		Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrel)	eet/ Fluid
D \2					- '	VERABILITY	•				$r^2 = 0.207$
P <sub>c</sub> ) <sup>2</sup> =	: , (	P <sub>w</sub> ) <sup>2</sup> =	: ose formula 1 or 2:	$P_d =$			<sup>2</sup> <sub>c</sub> - 14.4) +		<del></del> ;	(P <sub>a</sub> )	)2 =
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub>	$ (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_w^2 $		LOG of formula 1. or 2. and divide by:  p ? - P 2 w		Slor As:	Backpressure Curve Slope = "n"or Assigned Standard Slope		LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
Open Flow	en Flow Mord @ 144		Mcfd @ 14.6	65 psia		Deliverab	Deliverability			Modd @ 14.65.55	ia
····	sinned author	rity on h			states that		<u> </u>	o malia f	ha ahaur	Mcfd @ 14.65 ps ort and that he ha	
ne facts stated									ne above repo lovember		as knowledge of, 20 _13
	w	itness (if an	v)						M	P	KCC WIC
77375									ror,	оопрану	
	Fo	r Commissio	on			_			Che	cked by	NOV 1 A

**RECEIVED** 

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request								
	ler Rule K.A.R. 82-3-304 on behalf of the operator <u>Merit Energy Compact</u>								
	poing pressure information and statements contained on this application form are true; and								
	of my knowledge and belief based upon available production summaries and lease records								
	allation and/or upon type of completion or upon use being made of the gas well herein named.								
	est a one-year exemption from open flow testing for the Hungate #5-13								
gas well on the gr	ounds that said well:								
(Check	one)								
755775)	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								
<b>V</b>	is not capable of producing at a daily rate in excess of 250 mc//D								
I further agree	e to supply to the best of my ability any and all supporting documents deemed by Commission								
	y to corroborate this claim for exemption from testing.								
otan do necessar	to correspond to this claim for exemption from testing.								
Date: 11/07/2013									
	Signature: Mcheye Patrice								
	Title:								
	*								

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.