## Form G-2 (Rev. 7/03)

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

Type Test:  Open Flow Deliverability			(See Instructions on Reverse Side)  Test Date:  API No. 15 15-097-20203								TR			
Company	/						Lease		15-0	97-20203		Well N	lumber	
Abercrombie Energy, LLC County Location				Minks Section TWP				RNG (E/		#1 Acres Attributed				
Kiowa NE NW			13 28S Reservoir				18W Gas Gath	nering Conn	ection	320	RECO			
Hardy			Misissip	Misissippian			Oneok				PEIV			
Completion Date 3/25/74			Plug Bac	Plug Back Total Depth			Packer S none	et at		<i>V</i> -	CC 04 2			
Casing Size Weight 5 1/2" 15.5#			Internal ( 4.995"	Diameter		Set at <b>4829'</b>		ations )	320 RECE/V DEC 0 4 20 4791 To To					
Tubing Size Weight				Internal Diameter		Set at 4484'		Perforations		То		7/42/		
2 3/8" 4.7# Type Completion (Describe)			2.00" 4 Type Fluid Production			94"		it or Traveling	Plunger? Yes	s / No				
Single (			nulus / Tubing		water	Di	.!!		Pumpir % Nitroge					
Casing	y miu	(AIII	idias / Tabing	,	0.15	% Carbon Dioxide 0.15				∌⊓		Gas Gravity - G <sub>e</sub> 0.613		
Vertical D 4791	epth(H	)				Pre	ssure Taps		•		•	r Run) (f ange	Prover) Size	
Pressure	Buildur	v .	Shut in 2/5	2	12 <sub>at</sub> 9	:00	(AM) (PM)	Taken 2/	6		12 <sub>at</sub> 9:00		/AM) (PM)	
Well on L	,										at			
<del></del>												24	1	
Static /	Orific	Circle one:		Pressure	Flowing	Well Head	Ca	Casing Wellhead Pressure (P <sub>*</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		bing	Duration of Shu	<u>it-in _===</u>	n _ <del></del> Hours	
Dynamic Property	Size Prover Press		Prover Pressu		Temperature t	1	Wellhead			d Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H <sub>2</sub> 0		<u> </u>	psig 135#	psia 149,4#	psig	psia	24 hrs	-		
Flow										<del>                                     </del>		+	<del>-</del> -	
		1			l	FLOW ST	REAM ATTE	RIBUTES			I	L		
Ptate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P <sub>m</sub> x h	Grav Fact F <sub>c</sub>	tor	Flowing Temperature Factor F <sub>11</sub> F <sub>2</sub> F <sub>3</sub>		ctor R		w GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
					(ODEN EL	OW) (DELI)	VERABILITY	/\ CALCUL	ATIONS					
(P <sub>c</sub> )² =		_:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =			P <sub>e</sub> - 14.4) +		:		$_{d})^{2} = 0.3$ $_{d})^{2} = _{d}$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> LOG form  2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> 1. or and divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> by.		P <sub>c</sub> <sup>2</sup> .P <sub>c</sub> <sup>2</sup>	Backpressure Curve Slope = "n" or Assigned Slandard Slope		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Ones 5				Matalogic	05 - : : -			-1014.						
Open Flor				Mcfd @ 14.	,		Deliverat	•			Mcfd @ 14.65 p			
				behalf of the					_	e above repo	ort and that he h		wledge of 20 <u>12</u> .	
	- Junua		Witness (if	any)	The same of some of page or the	The state of the s	=	<del>-</del>		ForC	Company			
			For Commis	sion						Chec	rked by			

## DEC 04 2012

	KCC WICHITA
	enalty of perjury under the laws of the state of Kansas that I am authorized to request rule K.A.R. 82-3-304 on behalf of the operator Abercrombie Energy, LLC
	pressure information and statements contained on this application form are true and
correct to the best of r	ny knowledge and belief based upon available production summaries and lease records
	on and/or upon type of completion or upon use being made of the gas well herein named. one-year exemption from open flow testing for the Minks #1
gas well on the groun	
is a list of the	a coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER on vacuum at the present time; KCC approval Docket No not capable of producing at a daily rate in excess of 250 mcf/D supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
Date: December 3, 2	012
	Signature: Aug Much  Title: Operations Manager

## 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.