KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:				(See Instruc	tions on Re	everse Side)					
o	pen Flo	W			Took Date				A D	No 15				
☐ De	eliverab	ilty			Test Date 11/15/2					1 No. 15 -097-20203 -	-0000			
Compan ABERC		IE ENERGY,	LLC				Lease MINKS	,			#1	Well N	lumber	
County Location KIOWA NE NW				Section 13		TWP 28S		RNG (E/W) 18W			Acres Attribut 320			
Field HARDY				Reservoi MISSIS	r SIPPIAN		Gas Gathering Co ONEOK			ection				
Completion Date 3/25/74					Plug Back Total Depth				Packer Set at NONE					
Casing Size Weight 5 1/2" 15.5#			Internal Diameter 4.995"			Set at 4829'		Perforations 4770'		то 479	1'			
Tubing Size Weight 2 3/8" 4.7#				Internal Diameter 2.00"			Set at 4484'		Perforations NONE		То			
Type Completion (Describe) SINGLE GAS WELL					Type Fluid Production WATER				Pump Unit or Traveling Plunger? Yes / No PUMPING UNIT					
Producing Thru (Annulus / Tubing)					% Carbon Dioxide			% Nitrogen			Gas Gravity - G			
CASING					0.15			1.97			0.613			
Vertical E 4791	Depth(H	-				Pres	sure Taps			· · · · ·		er Run) (I FLANG	Prover) Size E	
Pressure Buildup:		p: Shut in 11	/15	20 15		:00	(AM) (PM) Taken 11		1/16 20		15 at 9:00		(AM) (PM)	
Well on Line:		Started		20 at		(AM) (PM)		Taken	en2		at	(AM) (PM)		
						OBSERVE	D SURFAC	E DATA			Duration of Sh	ut-in24	l Hou	
Static / Dynamic	Orific Size	Meler Prover Pres	Differe	intial	Flowing Temperature	Well Head Temperature	Temperature Weilhead		- 1		Duration (Hours)			
Property	(inche	psig (Pm) Inches	H⁵0		<u> </u>	psig psia		psig psia		<u></u>			
Shut-In Flow				_			180#	194.4#			24 hrs.			
FIOW						FLOW STR	FAM ATTE	BUITES						
Plate		Circle one:	Pre		1 _		Flowing						Flowing	
Coefficient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia	Exten	sion	Grav Fact	tor	Factor	Fa	ation ctor : pv	Metered Flov R (Mcfd)	w GC (Cubic Barr	Feet/	eet/ Fluid	
						<u></u>							<u> </u>	
					(OPEN FL	OW) (DELIV	ERABILITY	') CALCUL	ATIONS			$P_a)^2 = 0.$	207	
(P _c) ² =	 	_: (P _w) ²	Choose formu	ia 1 oz 7:	P ₀ =			P _c - 14.4) +		: _	(j	² _d) ² =		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _e) ² - (P _w) ²	1. P _c ² - 2. P _c ² -	P _c ² -P _d ² D _c		Slop 		ssure Curve ne = "n" or signed ard Slope		rog	 Antilog	De	open Flow Hiverability Is R x Antilog (Mcfd)	
· ,			arvided by. 1	c		<u> </u>			+		_	 		
	ļ													
Open Flow Mcfd @ 14			<u> 14.6</u>	.65 psia Delive			rability N			Mcfd @ 14.65	Mcfd @ 14.65 psia			
The	undersi	gned authority,	on behalf o	f the	Company, s	tates that h	e is duly a	uthorized to	make th	ne above repo	ort and that he	has know	wledge of	
he facts s	tated th	erein, and that	said report	is true	and correc	t. Executed	this the 1	4th	day of _D	ecember		,	20 15	
		Witness	(it any)		— K(ec Wi	CHITA		Jan	Miss.	Сотралу	_		
	-										-ladbu			
		For Con	mission		L	DEC 15	ていり			Che	cked by			
						RECE	IVED							

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to require exempt status under Rule K.A.R. 82-3-304 on behalf of the operator ABERCROMBIE ENERGY, LLC and that the foregoing pressure information and statements contained on this application form are true correct to the best of my knowledge and belief based upon available production summaries and lease recommendate installation and/or upon type of completion or upon use being made of the gas well herein nated thereby request a one-year exemption from open flow testing for the MINKS #1	and cords
(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 Comr staff as necessary to corroborate this claim for exemption from testing.	mission
Date: December 14, 2015	
Signature: Hary Mich	
KCC WICHITA Title: Operations Manager	
DEC 1,5 2015	
RECEIVED	

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.