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

Type Test:						(See İnstruc	tions on Re	everse Sid	'e)				
Open F					Test Date	e:				No. 15 18 <b>7-209</b> 92 -	0000		
Company Abercrombie	e Ene	rgy, LLC					Lease Reed-E	Bramlett			#1-30	Well N	umber
County Stanton					Section 30			TWP 30S		/W)	Acres Attributed 160		Attributed
Field Sparks East	,			•	Reservoi Morrow		·		Gas Gat Duke E	hering Conn nergy	ection		
Completion D 11/18/2002				Plug Bac <b>5266'</b>	Plug Back Total Dept 5266'		ih		Set at			·	
Casing Size 51/2"			Weight 15.5#		Internal Diameter 4.995"		Set at <b>5313'</b>		Perforations 5133		то 5160		The state of the s
Tubing Size 2 3/8"			Weight 4.7#		Internal Diameter 2.00"		Set at '4806'		Perforations None		То ,		
Type Complet Single Gas				:	Type Flui water	d Productio	n			nit or Traveling	Plunger? Yes	/ No	
Producing The Annulus	ru (An	nulus / Tubi	ng)		% C	Carbon Dioxi	ide		% Nitrog		Gas G	ravity -	G <sub>g</sub>
Vertical Depth 5160	(H)					Pres	sure Taps				(Meter <b>2" fla</b>		Prover) Size
Pressure Build	dup:	Shut in _10	)/04		13 at 9	:00	(AM) (PM)	Taken_1	0/05	20	13 <sub>at</sub> 9:00		(AM) (PM)
Well on Line:					0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVE	D SURFAC	E DATA		٠	Duration of Shut	-in_24	Hours
Dynamic S	ifice lize ches)	Circle one:  Meter  Prover Pressure  psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	perature Wellhead		essure Wellhead Pressure.		· ·		id Produced (Barrels)
Shut-In							15#	29.5#	paig	paia	24 hrs		
Flow													
					<del></del>	FLOW STR	REAM ATTR	RIBUTES		•			
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Press Extension P <sub>m</sub> xh	Fact	Gravity Te		Flowing Deviation Factor Fit Frequency Factor Fit Frequency Factor Fit Frequency Frequ		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
	1												
P <sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup>	=	. :	P <sub>d</sub> =	OW) (DELIV		') CALCUL P <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	$a^2 = 0.2$	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Cho	ose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ fied by: $P_c^2 - P_w^2$	LOG of formula 1. or 2.	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpre Slo 	essure Curve pe = "n" - or signed lard Slope	1	.og [ ]	. Antilog	O Del Equals	pen Flow iverability s R x Antilog (Mcfd)
										· W.Ut.			
													i
Open Flow		•		Mcfd @ 14.			Deliverab				Mcfd @ 14.65 ps		
The under ne facts stated						·*			o make th day of <u>N</u> o	· ·	rt and that he ha		ledge of
									An	ing m	A		O WICH
	•	Witness	(if any	/)		4				For C	ompany		
		For Com	missio	n .			100			Chec	ked by		<del>/ 1 3 20</del> 13 RECEIVEI

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized tatus under Rule K.A.R. 82-3-304 on behalf of the operator Abercrombie Energy, LLC	to request
	the foregoing pressure information and statements contained on this application form a	re true and
	the best of my knowledge and belief based upon available production summaries and lea	
	nent installation and/or upon type of completion or upon use being made of the gas well her	
	by request a one-year exemption from open flow testing for the Reed-Bramlett #1-30	
	on the grounds that said well:	·
<b>J</b>		
	(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	
1	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	
l furth	ner agree to supply to the best of my ability any and all supporting documents deemed by	/ Commission
	ecessary to corroborate this claim for exemption from testing.	
Data No	vember 12, 2013	
Date:	veriber 12, 2013	
	Signature: Aery Minh	
	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. Signed and dated on the front side as though it was a verified report of annual test results.

NOV 1 3 2013