KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruci	tions on Re	verse Side)				
Open Flow								4.51	N- 45				
Deliverabilty				Test Date 10/02/20		API No. 15 15-187-20992 0 000							
Company		BIE E	NERGY, LI		TOTOLIA		Lease REED-I	BRAMLE				Vell Number	Г
County Location STANTON SE SE NW			Section 30		TWP 30S		RNG (E/W) 41W		Acres Attributed		ıted		
Field SPARKS	SEAS	 3T			Reservoir					hering Conni ENERGY	ection	_	
Completion Date 11/18/2002				 -	k Total Dept	Depth			Set at			_	
Casing Size 5 1/2"			Weight 15.5#		Internal Diameter 4.995"		Set at 5313"		Perforations 5133		то 516 0		
Tubing Size 2 3/8"			Weight	-	Internal E 2.00"	Diameter	Set at 4806'		Perforations NONE		То		
Type Completion (Describe) SINGLE GAS WELL			Type Flui WATE	d Production	n			nit or Traveling	ng Plunger? Yes / No T				
Producing		(Anı	rulus / Tubing)	% C	arbon Dioxi	de		% Nitrog 14.0	en	Gas Gra	ıvity - G _g	
Vertical D 5160		1)				Pres	sure Taps			<u>-</u>	(Meter F 2" FL/	tun) (Prover NGE) Size
Pressure	Buildu	ıp:	Shut in)2 2	15 at 9	:00	(AM) (PM)	Taken_10)/03	20	15 at 9:00	(AM)	(PM)
Well on Li	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM)	(PM)
						OBSERVE	D SURFAC				Duration of Shut-i	24	Hours
Static / Orif Dynamic Siz Property (inch		Ze Prover Pressure		Pressure Differential In Inches H ₂ 0	Flowing Temperature t	Well Head Temperature	Wallhaad Praceura		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In							15#	29.5#	paig	рыа	24 hrs.		
Flow											·		
<u>_</u> _		_				FLOW STR	REAM ATTR	IBUTES	<u></u>		, -		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle ane: Meter or Prover Pressure psla		Press Extension P _m xh	Extension Fac		Flowing Temperature Factor F ₁₁	Deviation Factor F _{pv}		Metered Flov R (Mcfd)	GOR (Cubic Fee Barrel)	el√ Gı	owing fluid ravity G _m
(D.)3			/D \2		•	OW) (DELIV		•			(P _a) ² (P _d) ²	= 0.207	
(P _c)² ≈		:_	(P _w) ² = _	hoose formula 1 or 2	P _d =			2 _c - 14.4) +	<u> </u>				
(P _c) ² - (P _a) ²		(P ₀) ² - (P _w) ²		1. P ₀ - P ₄ 2			Backpressure Curve Slope = "n"		n x LOG		8 421	Open Flow Deliverability	
or (P _c) ² - (P _d) ²				2. P _c ² - P _d ² livided by: P _c ² - P _w	2. P _c ² - P _d 1. or 2. and divide		As	Assigned Standard Slope			Antilog	Equals R x Antilog (Mcfd)	
						, -		 _	-		!		
Open Flor				Mcfd @ 14.	.65 psia		Deliverat	oility			Mcfd @ 14.65 psi	a	
		igne	d authority, or	behalf of the	Company, s	states that h	ne is duly a				ort and that he ha		
the facts st	tated t	herei	n, and that sa	id report is tru	and correc	t. Executed	this the 1	4th	day of D	ecember	1	, 20 _1	<u>5</u> .
		•	Witness (if	any)		KCC V	VICHI	* • • • • • • • • • • • • • • • • • • •	Han	1 Mio	company		
						DEC 1	5 2015 -		<i>V</i>				
			For Commi	ssion			י ביוט	_		Che	cked by		

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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 ABERCROMBIE ENERGY, LLC							
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 REED-BRAMLETT #1-30							
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							
To the dapase of producing at a daily rate in excess of 200 mens							
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: December 14, 2015							
Date: December 14, 2013							
KCC WICHITA Signature: Jany Mint							
DEC 1 5 2015 Title: Operations Manager							
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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.