KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	it:					(See Instruc	tions on Re	verse Side	9)					
= .	pen Flor					Test Date	9:			API I	No. 15		rack		
De	eliverab	ilty								15-0	97-20162	<u>- 00</u>	<u> </u>		
Company Abercro		Energ	y, LLC					Lease Bertran	1			#1		Number	
County Kiowa			Loca NE	ation		Section 14		TWP 28S		RNG (EA	V)		Acres 640	Attributed	
Field Hardy						Reservoii Misissip				Gas Gath Oneok	ering Conn	ection			
Completion 4/14/73	on Date	е			•	Plug Bac 4834'	k Total Dep	th		Packer Se None	et at				
Casing S	Size		Wei			Internal E 4.995"	Diameter	Set 4		Perfora		To 47	790		
Tubing S	ize		Wei	ght		Internal E	Diameter	Set a	at	Perfor	ations	То			
Type Cor Single							d Productio				t or Traveling	Plunger?	Yes / No		
Producing			ılus / Tub	ina)			arbon Diox	ide		% Nitroge		Ga	as Gravity -	G	
Casing	_	(,		9/		0.13				2.28	•••		614	-g	
Vertical D		I)					Pres	sure Taps		-			eter Run) (' pipe	Prover) Size	
Pressure	Buildu	p: S	hut in _5/	4	· · _ 2	0 11 at 9	:00	(AM) (PM)	Taken_5/	5	20	11 at 9:0		(AM) (PM)	
Well on L	ine:	S	tarted		2	0 at		(AM) (PM)	Taken		20	at		_ (AM) (PM)	
							OBSERVE	D SURFAC	E DATA			Duration of S	Shut-in_24	4 Hour	
Static / Dynamic Property	Orific Size (inche	ع ا	Circle one Meter Prover Pres	sure	Pressure Differential in	Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (F	Pressure	Wellhea	bing d Pressure (P,) or (P _c)	Duration (Hours)		id Produced Barrels)	
Shut-In	(mont	-	psig (Pm	1)	Inches H ₂ 0	`	`	psig 90#	psia 104.4#	psig	psia	24 hrs			
Flow														·.	
							FLOW STF	REAM ATTR	IBUTES						
Plate Coeffiec (F _b) (F Mcfd	eient	M	ircle one: feter or er Pressure psia		Press Extension P _m x h	Grav Fact F _g	or	Flowing Temperature Factor F _{ft}	Fa	eation ctor : pv	tor R		w GOR (Cubic Feet/ Barrel)		
											<u>-</u>				
(P _c) ² =		;	(P _w) ²	=	:	•		ERABILITY % (F	•	ATIONS 14.4 =	:		$(P_a)^2 = 0.$ $(P_d)^2 =$	207	
(P _c) ² - (F or (P _c) ² - (F	P _a) ²		² - (P _w)²	Choc 1	ose formula 1 or 2: $ P_c^2 - P_a^2 $ $ P_c^2 - P_d^2 $ $ P_c^2 - P_d^2 $ $ P_c^2 - P_c^2 $	LOG of formula 1. or 2.	P _c ² - P _w ²	Backpre Slop As	ssure Curve De = "n" Or Signed ard Slope	n v 10	ГЛ	Antilog	C De	Open Flow eliverability als R x Antilog (Mcfd)	
O Fl		* *			N-4-1 @ 44.	05		Deliverab				M-44 @ 44 C		 	
Open Flor		anod i	outhority		Mcfd @ 14.		tates that h	Deliverab		make the		Mcfd @ 14.6	•	wledge of	
		-	-		report is true			•		day of Jai	-			_	
										Jusa	Muss				
			Witness	if any)			_			For C	Company	KE(CEIVED	
			For Con	nmissio	n			_			Cher	cked by	JAN	3 0 2012	

KCC WICHITA

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 Bertram #1
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
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: 1/27/2012
Signature: Jary mul
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.

JAN 3 0 2012

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