KCC WICHITA

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(-	See Instruc	tions on Rev	rerse Side)					
	en Flow liverabil				Test Date	: :			API N 15-0	lo. 15 97-20162	- 0000			
Company Abercror		nergy, LLC					Lease Bertram				#1	Well Nu	mber	
County Location Kiowa NE			ation	Section 14			TWP 28S		RNG (E/W) 18W			Acres Attributed 640		
Field Hardy				Reservoir Misissippian				Gas Gath	ection					
Completion Date 4/14/73				Plug Bac 4834'	k Total Dep	th	Packer S None		t at					
Casing Size Weight 5 1/2" 15.5#				Internal Diameter 4.995"			Set at 4860'.		Perforations 4780		то 4790	то 4790		
Tubing Size Weight 2 3/8" 4.7#			ight	Internal Diameter 2.00"			Set at 4785 '		Perforations None		То	То		
		(Describe)				d Productio				or Traveling	Plunger? Yes	/ No		
		Annulus / Tut	oing)			arbon Diox	ide		% Nitroge		Gas G	ravity - 0		
Casing					0.13			2.28				0.614		
Vertical D 4790	epth(H)					Pres	sure Taps				(Meter 3" pip	, ,	rover) Size	
Pressure	Buildup	: Shut in	/10	2	0_10_at_9	:00	(AM) (PM)	Taken_8/	11 ,	20	10 at 2:00	(AM) (PM)	
Well on L	ine:	Started		20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	ED SURFACI	DATA			Duration of Shut	-in _24	Hours	
Static / Dynamic Property	Dynamic Size		ssure	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			,	2	,		96#	110.4#	paig	psia	24 hrs			
Flow														
						FLOW STE	REAM ATTR	IBUTES						
Plate Coefficient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	ه ا	Press Extension P _m xh	Grav Fac F _s	tor	Temperature Fa		riation Metered Flow R = (Mcfd)		w GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
				4	(ODEN EL	OW) (DELIN	/ERABILITY	CALCIII	ATIONS				L	
(P _c) ² =		: (P _w)	² =		•	, ,			14.4 =			$)^2 = 0.2$ $)^2 = $		
$(P_c)^2 - (P_k)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²	1.	by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide by: P 2 - P 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x 10	og .	Antilog	Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
													,	
Open Flo	w		N	lcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 p:	sia		
The	undersiç	ned authority	, on bel	nalf of the	Company, s	states that h	ne is duly au	uthorized t	o make the	above repo	ort and that he h	as know	ledge of	
the facts s	stated th	erein, and tha	t said re	port is true	and correc	t. Executed	this the _2:	3rd	day ofFe	bruary			20 11 .	
and the same of th			ss (if any)				-		H	any for	Mill Company	REC	EIVED	
							-			Cha	cked by	CED-	2 5 2011	
		ror G	ommission							Jile	,	LD	L J ZUII	

I declare und	er penalty of perjury under the laws of the state of Kansas that I am authorized to request									
	der Rule K.A.R. 82-3-304 on behalf of the operator Abercrombie Energy, LLC									
and that the fore	going 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										
• •	allation and/or upon type of completion or upon use being made of the gas well herein named.									
I hereby requ	est a one-year exemption from open flow testing for the Bertram #1									
gas well on the gr	rounds that said well:									
(Chool	v anal									
(Check	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									
, V	to that dupuble of producing at a daily rate in oxecos or 250 meno									
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commission									
_	y to corroborate this claim for exemption from testing.									
	·									
n : 2/22/2011										
Date: 2/23/2011										
	Signature: Many Must									
	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. **RECEIVED**

FEB 2 5 2011