KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:					٠	(See Instruc	ctions on R	Reverse Side	e)				•	
Open Delive		•			Test Dat	e:				I No. 15 -097-20202 :	- 9900			
ompany bercromb	ie Ene	ergy, LLC		1			Lease Gambl	le			#1	Well N	lumber	
ounty iowa			Section 11			TWP 28S		RNG (E/W) 18W		Acres Attributed 640		Attributed		
eld I lstott				,	Reservoi Misissip			77.77.1.2	Gas Ga Oneok	thering Conr	ection		,	
ompletion I 2/74	Date				Plug Bac 4816'	ck Total Dep	oth .		Packer none	Set at			·	
asing Size Weight 1/2" 15.5#			Internal 4.995"	Diameter	Set at 4849'		Perforations 4772		то 4802					
oing Size Weight 3/8" 4.7#			Internal I 2.00"	Diameter	Set at 4789'		Perforations None		То					
pe Comple					Type Flui water	id Productio	n			nit or Traveling	Plunger? Yes	; / No		
	nru (Ar	nnulus / Tubi	ng)			Carbon Diox	ide		% Nitro	gen	Gas G	Gravity -	G _g	
Casing Vertical Depth(H)			0.15				2.01			0.614 (Meter Run) (Prover) Size				
302							ssure Taps	THE RESIDENCE AND ADDRESS OF THE PARTY OF TH			3" pi	ре	²rover) Size	
essure Bui	dup:	Shut in	1/01	2	0_13_at_9	:00	(AM) (PM)	Taken_11	1/02	20	13 at 9:00		(AM) (PM)	
ell on Line:		Started		20	0 at		(AM) (PM)) Taken		20	at		(AM) (PM)	
		Circle one	 1			OBSERVE	D SURFAC		1		Duration of Shu	t-in24	Hour	
namic :	rifice Size iches)	e Prover Pressu		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	emperature Wellhead		Wellhe	Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	, ,	Liquid Produced (Barrels)	
hut-In		poig (, iii	,	mones ri ₂ 0			psig 160#	psia 174.4#	psig	psia	24 hrs	-		
Flow											-			
	1		- 1			FLOW STR	REAM ATT	RIBUTES						
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or rover Pressure psia		Press Grav Extension Fact √ P _m x h F _g		or Temperature		Fa	Deviation Factor F _{pv}		w GOR (Cubic F Barrel	bic Feet/ Fluid		
										,				
)² =	:	(P _w) ²	=		(OPEN FLO	OW) (DELIV 。		/) CALCUL. P _c - 14.4) +				$)^2 = 0.2$ $)^2 =$	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(1	P _c) ² - (P _w) ²	Choo 1	Propose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ and by: $P_c^2 - P_a^2$	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Backpre Slo 	essure Curve ope = "n" orssigned dard Slope	n x	LOG	Antilog	O De Equal:	pen Flow liverability s R x Antilog (Mcfd)	
						W-14								
oen Flow				Mcfd @ 14.6			Deliverat				Mcfd @ 14.65 ps			
The unde	rsigne	d authority, e	on be	ehalf of the	Company, s	tates that h	e is duly a				rt and that he ha	as know	ledge of	
facts stated	l there	in, and that s	aid r	eport is true	and correct	t. Executed	this the _1	2th (day of N	ovember	Philade .		20 13	
		Witness	(if any)				S	Jary	Minh.	ompany K	CC	WICH	
		. For Com	missior	1			_				•	NNV	1 3 201	
										Cried	account of			
												RE	ECEIVE	

	jury under the laws of the state of Kansas that I am authorized to reque
	2-3-304 on behalf of the operator Abercrombie Energy, LLC formation and statements contained on this application form are true ar
	e and belief based upon available production summaries and lease record
	on type of completion or upon use being made of the gas well herein name
	emption from open flow testing for the Gamble #1
as well on the grounds that said w	
(Check one)	
is a coalbed met	thane producer
	nger lift due to water
is a source of na	atural gas for injection into an oil reservoir undergoing ER
	the present time; KCC approval Docket No
is not capable of	of producing at a daily rate in excess of 250 mcf/D
I formation in manage to account to the state of	
	best of my ability any and all supporting documents deemed by Commis
an as necessary to corroborate tr	his claim for exemption from testing.
ate: November 12, 2013	
	Signature: Aary Minch

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.

NOV 13 2013