KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				6	See Instructi	ions on Rev	verse Side,)				
 ✓ Op	en Flo	w			·								
De	liverab	ilty			Test Date 7/24/201					No. 15 007-22545-0	0000		
Company Atlas Op		ıg, L	LC			· -	Lease Boggs B	Estate			5-9	Vell Number	
County Barber	County Location						TWP RNG (E/\ 33 12W			W)	Acres Attributed		
Field Medicine	Loda	ie-Bo	oaas		Reservoir Mississi				Gas Gat Atlas P	hering Conni		<u></u>	
Completic 01/14/19	on Dat					k Total Depti	h		Packer S	`			
	Casing Size Weight				Internal D	Internal Diameter 4.950		Set at Po 4990 4		rations	To	то 4464	
Tubing Si	ubing Size Weight			Internal [Internal Diameter		Set at		rations	То			
2 3/8 Type Con		- /D	4.7		1.995	d Production	4470	<u> </u>	D 11-	ala au Tanasiin -	- Di	/ NI-	
Casing					ÖIL & 1	Water			Pump				
Producing Thru (Annulus / Tubing)						% Carbon Dioxide			% Nitrog		Gas Gravity - G		
Annulus Vertical E	_	4)			.1510	Press	sure Taps		3.479	U	.710 (Meter F	Run) (Prover) Size	
4990		,				Pipe	•				4	idily (i Totoly Ciza	
Pressure	Buildu	ıp:	Shut in	.4	15 at 1	1:48 AM	(AM) (PM)	Taken_7/2	25	20	15 at 11:48 /	AM (AM) (PM)	
Well on L	ine:		Started	2	20 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					,	OBSERVE	D SURFAC	E DATA			Duration of Shut-	n_24Hou	
Static / Dynamic Property	mamic Size		Circle one: Meter Prover Press psig (Pm)	1	Flowing Temperature t	Temperature Temperature		(P _a) or (P ₁) or (P _c)		Tubing ad Pressure r (Pt) or (Pc)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			paig (r iii)	Inches H ₂ 0			psig 45	psia	psig 15	psia			
Flow													
	ī				1	FLOW STR	EAM ATTR	IBUTES				<u> </u>	
Plate Coeffiecient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Gravity Factor F _g		Flowing Devia Temperature Fact Factor F _p		tor R		w GOR (Cubic Fe- Barrel)	Flowing Fluid Gravity G_m	
		1											
(P _c) ² =		•	(P)²:	=;	(OPEN FL P _d =	OW) (DELIV		") CALCUL P _a - 14.4) +			(P _a);	e = 0.207	
			ı	Choose formula 1 or	2:			ssure Curve					
$(P_c)^2 - (P_u)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	 P_c² - P_a² P_c² - P_d² divided by: P_c² - P_d 	LOG of formula 1, or 2, and divide by:	P _c ² -P _w ²	Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)	
					<u>' </u>								
										· ·			
Open Flo	w			Mcfd @ 14	.65 psia		Deliverat	oility			Mcfd @ 14.65 psi	a	
		-	•		•		•			-	ort and that he ha	_	
the facts s	stated t	there	in, and that s	aid report is tru	e and correc	t. Executed	this the 3		day of	ecember		, 20 <u></u>	
			Witness	(if any)		_	ORPORATION	LCOMMISSIC	M	For	Company		
			For Com-	mission		J,	AN 11-	2015		Che	cked by		

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_Atlas Operating, 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 Boggs Estate #5 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: 12/31/2015
Signature:

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.