## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(	See Instru	ctions on Rev	erse Side	9)						
<b>√</b> Op	en Flow				T> D				4 D1	No. 45		_			
Deliverabilty			Test Date 11/01/20				No. 15 007-01375 ~	00	abla 0						
Company Atlas Op		LLC					Lease BOGGS	S ESTA	ATE			2	Well Nu	mber	
County Location BARBER 330 FSL, 990 FEL			Section 9		TWP 33			RNG (E/W) 12W			Acres A	ttributed			
Field CHASE				Reservoir MISSISSIPPI			Gas Gathering Connection AMERICAN PIPELINE								
Completion Date 06/09/48			Plug Bac 4866	Plug Back Total Depth 4866			Packer S	Set at							
Casing Size Weight 1/2 14			Internal E 5.012	Diameter		Set at <b>4846</b>		Perforations 4412			To 4866				
Tubing Si 2 7/8			Internal D 1.995			t )	Perforations		——— .	То					
Type Con		(Describe)				d Production	on		Pump Ur PUMP	nit or Traveling UNIT	Plunger?	Yes	/ No		
Producing Thru (Annulus / Tubing) ANNULUS				% C	% Carbon Dioxide			% Nitrogen 7.114			Gas Gravity - G				
Vertical Depth(H) 4412				Pressure Taps PIPE						(Meter F	Run) (Pr	over) Size			
Pressure	Buildup:	Shut in	/01	2	0 10 at		_ (AM) (PM)	Taken 11	1/02	20	10 at		(/	AM) (PM)	
Well on L	ine:	Started		2	0 at		_ (AM) (PM)	Taken		20	at		(/	AM) (PM)	
						OBSERV	ED SURFACE	DATA			Duration o	of Shut-i	<sub>in</sub> _24	Hours	
Static / Dynamic Property	Orifice Size (inches	Size Prover Pressur		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperatur t	e Wellhead F	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In				•			40	poid	parg	psia					
Flow									<u> </u>						
			1			FLOW ST	REAM ATTRI	BUTES	T		1			<del></del> 1	
Plate Coeffica (F <sub>b</sub> ) (F Mofd	ient ,)	Circle one:  Meter or  Prover Pressure  psia		Press Extension ✓ P <sub>m</sub> xh	Grav Fact F <sub>c</sub>	tor	Flowing Temperature Factor F <sub>I</sub> ,	Fa	Deviation Metered Factor R F <sub>pv</sub> (Mcto		low GOR (Cubic F Barre		ot/	Flowing Fluid Gravity G <sub>m</sub>	
		(B.)2			•	OW) (DELI	VERABILITY)						= 0.20	7	
P <sub>c</sub> ) <sup>2</sup> =	<del></del> -	: (P <sub>*</sub> ) <sup>2</sup>		oose formula 1 or 2	P <sub>d</sub> =			- 14.4) +		:		(P <sub>d</sub> ) <sup>2</sup>			
(P <sub>c</sub> ) <sub>5</sub> - (I	•	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> ²-P <sub>s</sub> ² 2. P <sub>c</sub> ²-P <sub>s</sub> ² ded by: P <sub>c</sub> ²-P <sub>s</sub> ;	LOG of formula 1. or 2. and divide	P.º - P.º	Slope  Ass	Backpressure Curve Slope = "n" Assigned Standard Slope		n x ŁOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
			31410												
Open Flow Mcfd @ 14.65 psia						Deliverability Mcfd @ 14.65 psia									
							he is duly aut			e above repor ovember	t and tha	t he has		edge of 0 10	
		,		-F3 <b></b>					, •·			•		ECEIVE	
		Wilness	(it an	y)	· · · · · · · · · · · · · · · · · · ·		_			For Co	ompany				
		For Con	nmissi	on			_			Check	ed by		N	DV 12	

exempt sta and that th	tre under penalty of perjury under the laws of the state of Kansas that I am authorized to request tus under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC reforegoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records
of equipme I hereb	ent installation and/or upon type of completion or upon use being made of the gas well herein named.  by request a one-year exemption from open flow testing for the BOGGS #2  in 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
	er agree to supply to the best of my ability any and all supporting documents deemed by Commission cessary to corroborate this claim for exemption from testing.
Date: 11/0	4/2010
	Signature: Ramy 1 To mas  Title: Production Coordinator

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.