KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instru	ictions on Re	verse Side	<i>)</i>				
Open Flow			Test Date:				۸DI	No. 15					
Deliverabilty				09/12/2015					077-21490-0	000			
Company ATLAS (ATII	NG LLC				Lease B & A S	mith			,	Well Nu 4-	
County Location HARPER NE NW NE				Section 8		TWP 31			/W)	,	Acres Attributed		
Field SPIVEY GRABS				Reservoir MISSIS				Gas Gas ONEC	thering Conne	ection		TC-	
Completion Date 09/21/2004				Plug Back Total Depth 4483				Packer	Set at		To JAN 08 20 To To CE/VED		
Casing Size Weight 4 1/2 10.5				nt	Internal D)iameter	Set a		Perforations 4356		то 4372		08 20
Tubing Size 2 3/8			Weight 4.7		Internal Diameter		Set at 4492.05		Perforations		То	<u> </u>	CELLA
Type Con	npletic	n (D				d Producti		2.05	Pump U	nit or Traveling	Plunger? Yes	/ No	
CASING		/A==	nulus / Tubis	~\		WATER				UNIT	Con Co		
Producing Thru (Annulus ANNULUS			nuus 7 Tubin	9)	01957	% Carbon Dioxide		% Nitrogen 1.3527		•	Gas Gravity - G _g .7780		
Vertical D 4501	epth(I	 				Pre	essure Taps				(Meter i	Run) (P	rover) Size
Pressure	Buildi	 ip:	Shut in 09/	12 2	0_15_at_1	1:45 AM	(AM) (PM)	Taken 09	9/13	20	15 _{at} 11:45	AM	(AM) (PM)
Well on L	ine:		Started	2	0 at		_ (AM) (PM)	Taken		20	at	((AM) (PM)
						OBSERV	/ED SURFACI	E DATA			Duration of Shut-	_{in_24}	Hours
Static / Dynamic Property	Oril Siz (inch	e e	Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Differential Temperature Temperature		Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c)		Duration (Hours)	Duration Liquid Produ	
Shut-In			paig (i iii)	TICKIOS 11 ₂ 0			300	psia	90	psia		<u> </u>	
Flow													
						FLOW ST	REAM ATTR	IBUTES					
Plate Coefficcient (F _b) (F _p) Mcfd		Pro	Circle one: Meter ot over Pressure psla	Press Extension √ P _m xh	Grav Fact F _c	or	Tomoscobus		fation actor Fpv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
			,										
					•	OW) (DELI	VERABILITY					²= 0.2	.07
(P _c) ² =		<u> </u>	(P _w) ² =	Choose formula 1 or 2	P _a =		_ %(F	P _c - 14.4) +	14.4 =	:	(P _d)	<u>'=</u>	 ,
(P _c) ² - (I or (P _c) ² - (I	-	(F	P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²	LOG of formula 1, or 2, and divide	P.2 - P.2	Slop As	ssure Curve pe = "n" - or signed ard Slope	n x	rog	Antilog	Del Equals	oen Flow iverability : R x Antilog ((Mcfd)
					 						· -		
						.!							
Open Flow Mcfd @ 14.65 psia						Deliverab	eliverability Mcfd @ 14.65 psia						
		-	-	n behalf of the			•			-	rt and that he ha		ledge of 20 <u>15</u> .
			Witness (f any)			_			For C	отрапу		
			For Comm	nission			_			Chec	ked by		

I declare under penalty of perjury under the laws of the state of Kansas that I am authori exempt status under Rule K.A.R. 82-3-304 on behalf of the operator ATLAS OPERATING LLC	zed to request
and that the foregoing pressure information and statements contained on this application for correct to the best of my knowledge and belief based upon available production summaries and	
of equipment installation and/or upon type of completion or upon use being made of the gas well I hereby request a one-year exemption from open flow testing for the B&A Smith #4-8	
gas well on the grounds that said well:	KCC WICLIN JAN 08 2016 RECEIVED
(Check one)	08 30 M
is a coalbed methane producer	RECEN CUIE
is cycled on plunger lift due to water	VED
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 deeme staff as necessary to corroborate this claim for exemption from testing.	ed by Commission
Date: 12/30/2015	
Signature:	
Title: ENGINEER (

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.