KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

	en Flow	,		Test Date		ions on Re	verse Side	API	No. 15			
Deliverability Company				08/12/2014 Lease				15-077-21720-00-00			Well Number	
Atlas Operating LLC				Green						8		
County Location Harper N2,N2,NE,NW			Section 32				RNG (E/W) 9W		•	Acres Attributed		
Field Spivey-Grabs-Basil				Reservoir Mississi	ppi		Pioneer		r	ection		
Completion Date 12/14/2010				Plug Back Total Depth 4538				Packer S	Set at			
Casing S 4 1/2	asing Size Weight 1/2 10.5#			Internal Diameter 4.052		Set at 4590		Perforations 4414		To 4424		
Tubing Si 2 3/8"	ubing Size Weight 3/8" 4.7#			Internal D 1.995	Diameter	Set at 4410		Perforations		То		
Type Completion (Describe) Casing				Type Flui	d Production		Pump Unit or Traveling Yes-Pump			Plunger? Yes	/ No	
	Producing Thru (Annulus / Tubing) ANNULUS				arbon Dioxid	de		% Nitrogen 21.5836		Gas Gravity - G _g . 730		
Vertical Depth(H)				Pressure Taps						Run) (Prover) Size		
Pressure Well on L	•	Snut in			:00					14 at 9:00	(AM) (PM) (AM) (PM)	
					OBSERVE					Duration of Shut-	n_24 Hours	
Static / Dynamic Property	Orifice Size (inches	ze Prover Pressure in		Flowing Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		/ psig (Pm)	Inches H ₂ 0			175	psia	75	psia			
Flow												
		<u>.</u>			FLOW STR	EAM ATTR	RIBUTES					
Plate Coeffiec (F _b) (F Mcfd	ent p)	Circle one Meter or Prover Pressure psia Press Extension ✓ P _m x h		Gravity Factor F _g		Flowing Temperature Factor F _{rt}	Fa	ation ctor Py	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Growty (
'D \2 _		· (D.)2.	_	•	OW) (DELIVI		•			-	² = 0 207	
$(P_c)^2 = $	P _a) ²	$\frac{(P_{w})^{2}}{(P_{c})^{2} - (P_{w})^{2}}$	Choose formula 1 or 2 1 P _c ² - P _a ² 2 P _a ² - P _a ²	P _d =		Backpre Slo	P _c - 14.4) + essure Curve pe = "n" - or	, n v	LOG	(P_d)	Open Flow Deliverability Equals R x Antilog	
(P _c) ² - (F	-d)-		divided by P _c ² - P _w ²	and divide by	P _c ² -P _w ²		ssigned lard Slope				(Mcfd)	
Open Flo	pen Flow Mcfd @ 14 65 psia					Deliverability				Mcfd @ 14.65 psia		
	_	•	on behalf of the			•			•		· ·	
ne facts s	tated the	rein, and that s	said report is true	and correc	t Executed	this the _3	131	day of <u></u>			, ₂₀ <u>13</u> Received	
		Witness	(if any)			-			ForC	ompany	CORPORATION COMMIS	
		For Com	mission			-			Chec	ked by	OCT 14 2014	

ιαe	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
	status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC
	the foregoing pressure information and statements contained on this application form are true and
correct t	o the best of my knowledge and belief based upon available production summaries and lease records
	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	reby request a one-year exemption from open flow testing for the Green # 8
gas wel	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
staff as	ther agree to supply to the best of my ability any and all supporting documents deemed by Commission necessary to corroborate this claim for exemption from testing.
Date:	2/31/2013
	Signature: Right Want Comments

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 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 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 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 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.