KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instruct	ions on Rev	erse Side	;)			
	en Flow liverabilty	,		Test Date 11/25/20					No. 15 7-21720-00⊣	00	
Company Atlas Ope		LLC				Lease Green					Well Number 8
County Location Harper N2,N2,N		ion 2,NE,NW			TWP 31S		RNG (E/W) 9W		Acres Attributed		
Field Spivey-Grabs-Basil			Reservoir Mississi				Gas Gathering Conne Pioneer		ection		
Completio 12/14/20				Plug Bac 4538	k Total Dept	h		Packer S	Set at		
Casing Size Weight 10.5#		Internal Diameter 4.052		Set at 4590		Perforations 4414		то 4424			
Tubing Siz 2 3/8"	ubing Size Weight 4.7#		nt	Internal Diameter 1.995		Set at 4410		Perforations		То	
Type Com Casing	npletion ((Describe)			d Production	1	·· ·	Pump Ur Yes-P	nit or Traveling ump	Plunger? Yes	/ No
Producing Thru (Annulus / Tubing)					arbon Dioxi			% Nitrog		Gas Gravity - G	
ANNULUS Vertical Depth(H)			0.0727 Pressure Taps				14.9761 0.7080 (Meter Run)			0 Run) (Prover) Size	
	D. 34	Shut in11/	/25	. 13 2	:30pm	(ABA) (DBA)	11	1/26		13 at 2:30pr	n (22)
Pressure									•	at	
Well on Li	irie:	Started		al		(AW) (PW)	raken		20	ar	
		Circle ane:			OBSERVE	D SURFACE		,		Duration of Shut-	in 24 Hou
Static / Orifice Dynamic Size Property (inches		Meter Prover Press		Temperature Tempe	Well Head Temperature 1	Casi Wellhead I (P _w) or (P _c	Pressure Wellh		Fubing and Pressure (P _c) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In						150	polu	50	paid		-
Flow				<u> </u>				<u> </u>		<u></u>	<u> </u>
			1		FLOW STR	EAM ATTRI	BUTES				
Plate Coefficcion (F _b) (F _p Mcfd	ient _p) /	Circle one: Meter or Prover Pressure psia	Press Extension √ P _m x h	Grav Fac	tor Temperature		Deviation M Factor F _{pv}		Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrei)	Genuitu
				(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS	<u> </u>	(P.)	² = 0.207
(P _c) ² =		: (P _w) ² =	:	P _a =		% (P	14.4) +	14.4 = _			² =
(P _c) ² - (P or (P _c) ² - (P		(P _c) ² - (P _w) ² $(P_c)^2 - (P_w)^2$ 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a$		LOG of formula 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x log		Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)
				1							
Open Flov	w		Mcfd @ 14.	65 psia		Deliverabi	lity			Mcfd @ 14.65 ps	ia
The u	undersigr	ned authority, o	on behalf of the	Company, s	states that h	e is duly au				ort and that he ha	as knowledge of
he facts st	tated the	rein, and that s	said report is true	and correc	t. Executed	this the 31		day of	esember	1 /2016	, ₂₀ <u>13</u>
		Witness	(if any)					<u>. </u>	CIUL) I	Company Company	
		***********	(2.,,,		JAN 1	2 2014			rui	Sumpany	

Ιc	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request					
exemp	ot status under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC					
and th	at the foregoing pressure information and statements contained on this application form are true and					
correc	t to the best of my knowledge and belief based upon available production summaries and lease records					
-	ipment installation and/or upon type of completion or upon use being made of the gas well herein named.					
1 h	ereby request a one-year exemption from open flow testing for the Green # 8					
gas w	ell 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					
1 f	urther agree to supply to the best of my ability any and all supporting documents deemed by Commissio					
staff a	s necessary to corroborate this claim for exemption from testing.					
Date:_	12/31/2013					
	Signature: Liv Waruck					
	Title: Regulatory Coordinator					

Instructions:

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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. **KCC WICHITA**

JAN 02 2014

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