KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test ✓ Op	en Flow				(See Ins	tructio	ons on Re	verse Side	=)				
Deliverabilty				Test Date 10/23/26			API No. 15 15-055-22040-0000							
Company Atlas Operating LLC							Lease Garden	City			· · ·	Well Nun	nber	
County Location Finney SW-SW-NE-NE			Section 20			TWP 22S		RNG (E/W) 33W		Acres Attrib		tributed		
Field Hugoton			Reservoir Chase Group			Gas Gathering C ONEOK		-	ection					
Completion Date 03/02/2009				Plug Back Total Depth 2720				Packer Set at 2583						
4.5" 9.			ght		Internal Diameter 4.052"			Set at 2751'		Perforations 2554		то 2559	2559	
Tubing Si 2 3/8"		Wei 4.7		Internal Diameter 1.995"			Set at 2583'		Perforations 2565		To 2568	2568		
Type Completion (Describe) Single (Gas)				Type Flui Water			Pump Ur			-	/ No	,		
Producing Thru (Annulus / Tubing) Annulus				.0348	% Carbon Dioxide			32.1126		-	Gas Gravity - G _g 31.8			
Vertical Depth(H) 2752				Pressi Pipe				sure Taps			(Meter Run) (Prover) Size 4			
Pressure	Buildup:	Shut in 10)/23	2	0_14_at_4	:00	(AM) (PM)	Taken_10	0/24	20	14 at 4:00	(A	M)(PM)
Well on Li	ine:	Started		20	O at		((AM) (PM)	Taken		20	at	(/	M) (PM)
						OBSE	RVED	SURFAC		·		Duration of Shut-	in	Hours
Static / Dynamic Property	Orifice Size (inches	Meter Prover Pressure		Pressure Differential In nches H ₂ 0	Flowing Temperature t	Well Head Temperature t		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In					-			32	psia	38	psia		-	-
Flow					-									
						FLOW	STRE	AM ATTR	IBUTES					
Plate Coeffieci (F _b) (F Mcfd	ient p)	Cincle one: Meter or Prover Pressure psla		Press Extension ✓ P _m x h	Fac	Gravity Factor F _g		Flowing Temperature Factor F _{rt}		riation actor _{pv}	Metered Flor R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
											<u> </u>			
(P _o) ² =		: (P _w)²	· <u>-</u>		(OPEN FL	OW) (DE	LIVE %) CALCUL 2 _c - 14.4) +			(P _a) (P _d)	² = 0.20	7
(P _c) ² - (F	P _a) ²	(P _c) ² · (P _w) ²		P _c ² - P _s ² P _c ² - P _s ² P _c ² - P _s ²	LOG of formula 1. or 2.	P _c ² -P _w ²		Backpressure Curve Slope = "n" Assigned Standard Slope		, n x	LOG [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
-												-		
Open Flor	<u>w</u>	·	ħ.	Acfd @ 14.	65 psia			Deliverat	oility			Mcfd @ 14.65 ps	ia	
	-	ned authority, rein, and that						-			the above repo October	ort and that he ha		edge of
			N							, o ₁ _			R	eceived
		Witnes	s (if any)				_	-		····	For	Company KAN		ORATION COM!
		For Co	nmission				_	-			Che	cked by	VOV	0.3 201

I de	eclare 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 tha	t 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
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
Ih€	reby request a one-year exemption from open flow testing for the Garden City #13-20
gas we	l 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 fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as	necessary to corroborate this claim for exemption from testing.
Date: _1	0/23/2014
	Signature: Ris Wallech
	Signature:
	Title: Regulatory 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 conveying be signed and dated on the front side as though it was a verified report of annual test results. KANSAS CORPORATION COMMISSION