RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	t: pen Flov eliverabi				Test Date		ions on Rev	erse Side	, API I	No. 15	0008			
Company	у				12/11/20	013	Lease GAUG		15-0	77-21264 -		Well Nun	nber	
Atlas operating LL County HARPER			Location NE-NE-SE		Section 1		TWP 31		RNG (E/W) 9W			Acres Attributed		
Field SPIVEY GRABS			INE-INE-SE		Reservoir MISSISSIPPI		G		Gas Gathering Conne ONEOK			-1 0		
Completion 03/19/9	on Date					k Total Dept	h	2	Packer Se				- ,	
Casing Size 5 1/2			Weight 14		Internal Diameter 5		Set at 4562		Perforations 4418		то 4510			
Tubing Size 2 7/8			Weight 6.5		Internal Diameter 2.5		Set at		Perforations		То	 ,-		
Type Cor		(Describe	9)	· · · · · · · · · · · · · · · · · · ·		d Production	1		Pump Uni PUMP	t or Traveling UNIT	Plunger? Yes	/ No		
Producing	•	(Annulus	Tubing)		% c .15	arbon Dioxi	de		% Nitroge	n	Gas Gr .737	avity - G	9	
Vertical D	Depth(H)				Pres:	sure Taps				(Meter	Run) (Pro	over) Size	
Pressure	Buildup	: Shut i	12/1	20	13 at_		(AM) (PM)	Taken_12	2/12	20	13 _{at}	(<i>f</i>	AM) (PM)	
Well on L	ine:	Starte	d	20) at		(AM) (PM)	Taken		20	at	(/	NM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut-	_{in} _24	Hours	
Static / Dynamic Property	Orific Size (inche	Prove	_{cle one:} Meter r Pressure g (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead I (P _w) or (P _t	Pressure) or (P _a)	Wellhea (P _w) or t	bing d Pressure (P ₁) or (P _c)	Duration (Hours)		Produced arrels)	
Shut-In		, po.	s (· ···/	mones H ₂ s			psig 105	psia	psig 80	psia				
Flow														
	1	Circle or				FLOW STR	EAM ATTRI	BUTES	T				<u></u>	
Plate Coeffied (F _b) (F Mcfd	ient	Meter Prover Pre psia	ог	Press Extension P _m xh	Grav Fac F	tor	Flowing Femperature Factor F _{f1}	Fa	iation etor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	T I	Flowing Fluid Gravity G _m	
			,					<u> </u>						
(P _c) ² =			(P _w) ² =	:	•	OW) (DELIV	•		ATIONS 14.4 =	•		² = 0.20	7	
(P _c) ² - (P _a)²	(P _c) ² · (P	(m) ²	oose formula 1 or 2: 1. P _c ² - P _n ² 2. P _c ² - P _d ² ided by: P _c ² - P _n ²	LOG of formula 1, or 2. and divide		Backpres Slop Ass	ssure Curve e = *n" or signed ard Slope	n x 1:	ГЛ	Antilog	Ope Deliv Equals	en Flow verability R x Antilog Mcfd)	
			<u>.</u>											
Open Flo	ıw			Mcfd @ 14.0	55 psia		Deliverab	lity		<u>_</u>	/lcfd @ 14.65 ps	<u>I</u> ia		
The	undersi	gned auth	ority, on	behalf of the	Company, s	states that h	e is duly au	thorized to	o make the	e above repor	t and that he ha	as knowle	edge of	
the facts s	stated th	erein, and	I that saic	I report is true	and correc	t. Executed	this the 6t	<u>h</u>	day of <u>J</u> á	nuary /1	(/ ₂	, 2	0 14 .	
-			Witness (if a	ny)			-			(M) L	MULLICO DE PROPERTO DE PROPERT	C W	ICHIT	
			For Commiss	ion	·			 .		Chec	ked by	4N 0 9	2014	

l de	eclare 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							
	t the foregoing pressure information and statements contained on this application form are true and							
orrect	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. ereby request a one-year exemption from open flow testing for theGAUG #4							
	Il 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							
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissi							
	necessary to corroborate this claim for exemption from testing.							
Data: (01/06/14							
)ale. <u> </u>	1700717							
	Signature: Ris Wanch							
	Signature: 1CM NUMCIC							
	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 must be signed and dated on the front side as though it was a verified report of annual test results.

JAN 09 2014