KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:					(See Insti	ructions on l	Reverse	Side)						
✓ Op	en Flo	w				Test Date					A DI	No 15 AA	G A1	and a	444		
De	liverab	ilty				12/11/20					AFI	No. 15 – 🔑 🥱	3- <i>01</i> ,	814-0	000		
Company		ATII	NG LLC					Lease HAG	EMAN					2	Well Nu	mber	
County CINGM	IAN		Location NE-SW-NE			Section 6		TWP 30			RNG (EA	N)			Acres A	Attributed	
Field SPIVEY GRABS				Reservoir MISSIS			Gas Gathering Conn ONEOK				ection						
Completion Date 03/23/58				Plug Bac 4311	k Total D	epth				et at							
Casing Size Weight 4 1/2 9.5				Internal E 4.09	Diameter		Set at 4314			ations		To 4260		· · · · · · · · · · · · · · · · · · ·			
ubing Si		Weig 4.7	Weight			Diameter		Set at 4270		Perfor			То				
Type Completion (Describe) CASING				2 Type Flui OIL & 1		tion				t or Traveling	Plung	er? Yes	/ No				
	g Thru	(Anr	nulus / Tubir	ıg)			arbon Di	<u>.</u>			% Nitroge			Gas G 0.803	iravity - (3 ၞ	
Vertical Depth(H) 4255					Pressure Taps PIPE									rover) Size			
ressure	Buildu	p: :	Shut in 12	/11	2	0_13_at		(AM) (PN	/I) Taken	12	/12	20	13 ,	at	((AM) (PM)	
Well on Line: Start			Started		2	at		(AM) (PN	(AM) (PM) Taken		20		at		(AM) (PM)		
							OBSER	VED SURFA	CE DAT	A			Durat	ion of Shul	24	Hours	
Static / Oynamic	namic Size		Circle one: Meter Prover Pressure		Pressure Differential in	Flowing Temperature	Well Hea	Wellhe	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		1 '	Liquid Produced (Barrels)	
Property Shut-In	(incn	es)	psig (Pm)		Inches H ₂ 0	t	t	psig 90	psia		psig 75	psia	1				
Flow								30			73				-		
			<u> </u>		······		FLOW S	TREAM AT		S		<u> </u>					
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or Prover Pressure psia		Press Gra Extension Fac ✓ P _m xh F		or	Flowing Temperature Factor F ₁₁	emperature Factor		viation Metered Flor actor R F _{pv} (Mcfd)		w GOR (Cubic Fe Barrel)		eet/	Flowing Fluid Gravity G _m	
		• • •															
D 12 _			(B.\2.			•		LIVERABILI	•) ² = 0.2) ² =	07	
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_o)^2$		_ · (P	(P _e) ² - (P _w) ² 1.		: P _d = to tormula 1 or 2: P _c ² - P _c ² P _c ² - P _d ² P _c ² - P _d ² to viz. P _c ² - P _w ² to viz. P _c ²		P.2 - P.2	Backr S	Backpressure Curve Slope = "n"		n x 106		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
Open Flor	w				Mcfd @ 14.	65 psia		Deliver	ability				Mcfd 6	2 14.65 ps	sia	····	
								it he is duly				·	ort and	that he h		•	
e facts st	tated th	nerei				and correc	t. Execut	ted this the	ou i		day of da	<u>iis h</u>)au	w	KCC	20 <u>14</u> .	
			Witness	(if any	n 							For	Company		1/00		
			For Comi	missio	on			-				Che	cked by	•	JAN	1 0 9 20	
															R	ECEIVE	

	lare under penalty of perjury under the laws of the state of Kansas that I am authorized to request tatus under Rule K.A.R. 82-3-304 on behalf of the operator Atlas Operating LLC
and that correct t of equipi	the foregoing pressure information and statements contained on this application form are true and of 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. The eby request a one-year exemption from open flow testing for the HAGEMAN #2
gas weii	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
	her agree to supply to the best of my ability any and all supporting documents deemed by Commissic secessary to corroborate this claim for exemption from testing.
Date: <u>0</u>	/06/2014
	Signature: Pais Wanch

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