Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	:		•		(5	See Instruc	tions on Rev	erse Side)					
Open Flow				Test Date: API No. 15										
Deliverability				lest Date: 4/8/2015)95-10053-0	000				
Company Atlas Operating LLC					Lease MESSENGER					2	Well Nur	nber		
County KINGMAN				Location C SE SE		Section 31				RNG (E/W) 8W		Acres Attributed		
Field Spivey-Grabs-Basil				Reservoir MISSISSIPPI				Gas Gathering Connecti ONEOK			ction	To: 4371 RECEIVED		
Completion Date 18/12/1959				Plug Back Total Depth			thi		Packer S	et ati		nec Dec	WICH	
Casing Sizel 4 1/2			Weight 10.5		Internal: Diameter 4		Set_ati 4415'		Perforations) 4328		то; 4371 ,	Re-	1 2015	
Tubing Size 2 3/8			Weight 4.7		Internal Diame 2		Set at 4406		Perforations 4389		Tö: 4392	~CE	IVED	
Type Completion (Desc CASING			escribe)			d Productio WATER	n	Pump Unit o PUMP U		it or Traveling UNIT	Plunger? Yes	/ No		
Producing	-	(Anr	nulus / Tubing	Tubing) % Carbo			on Dioxide			% Nitrogen		Gas Gravity - G _g		
Vertical D	Depth(H)				Pres	sure Taps				(Meter I	Run) (Pr	over) Size	
Pressure	Buildup	o: :	Shut in 4/8	2	0 15 at 5	:15 PM	(AM) (PM)	Taken_4/	9	20	15 _{at} 5:15 P	М (AM) (PM)	
Well on L	.ine:		Started	2	0 at		. (AM) (PM)	Taken		20	at	(AM) (PM)	
						OBSERVE	ED SURFACE	DATA		-	Duration of Shut-	in_24	Hours	
Static / Dynamic Preperty	ynamic Size		Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H.0	lemperature Temperatu		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Wellhead Pressure (P _♥) or (P _t) or (P _c) psig psia		Duration (Hours)	,	Liquid Produced (Barrels)	
Shut-In			, , ,				24	psia	psig	μsia				
Flow			<u> </u>											
						FLOW STI	REAM ATTR	BUTES						
Plate Coefficient (F _b) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psia	Press Extension P _m x h	Gravity Factor F		Temperature F		eviation Metered Flow factor R F _{pv} (Mcfd)		(Cubic Fe Barrel)		Flowing Fluid Gravity G _m	
(P)2 ==			(P _w) ² =		•		/ERABILITY) % (F		_ATIONS - 14.4 =			² = 0.2 ¹	07	
$(P_c)^2 = \frac{(P_o)^2 - (P_a)^2}{\text{or}}$ $(P_c)^2 - (P_d)^2$		(P _o) ² -(P _w) ²		Choose formula 1 or 2 1. $P_a^2 \sim P_a^2$ 2. $P_c^2 - P_a^2$ divided by: $P_c^2 - P_a^2$	LOG of		Backpressure Cun Slope = "n" oror Assigned		ve n x l CG		Antilog	Open Flow Deliverability Equals R x Antilog		
-				livided by: P_c^2 - P_w^2	² by:	<u> </u>	Stand	ard Slope		د ـ			(Mcfd)	
Open Flow		Mcfd @ 14.65 psia					Deliverab	verability Mcfd @ 14.65 psia						
		_	•	behalf of the			•			ne above repo ECEMBER	rt and that he ha		ledge of 20 15 .	
			Witness (il	any)			-			For C	Company			
			For Comm	ission			-			Chai	cked by	-		

I declare under penalty of perjury under the laws of the state of hexempt status under Rule K.A.R. 82-3-304 on behalf of the operator Atland that the foregoing pressure information and statements contained correct to the best of my knowledge and belief based upon available proof equipment installation and/or upon type of completion or upon use be I hereby request a one-year exemption from open flow testing for the gas well on the grounds that said well:	as Operating LLC ed on this application form are true and roduction summaries and lease records eing made of the gas well herein named.
(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 res is on vacuum at the present time; KCC approval Do is not capable of producing at a daily rate in excess I further agree to supply to the best of my ability any and all suppostaff as necessary to corroborate this claim for exemption from testing	cket Nos of 250 mcf/D orting documents deemed by Commission
Date: 12/29/2015 Signature: Title: ENGINEER	RECEIVED

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.