KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				0	See Instruc	tions on Re	verse Side	e)				
Op	en Flo	N			Test Date				ADI	No. 15			
De	liverab	ilty			04/14/14				15-	159-20572 ·	- 0 000		
Company Gas Cha		inc.					Lease Kottma	n			1	Well Number	
County Location Rice C NE SW			Section 35				RNG (E/W) 8W			Acres Attributed			
Field Lyons			<u> </u>		Reservoir Chase (hering Conn ation Energy			
Completic 10/14/19		9			Plug Back 1293	k Total Dep	th		Packer S NA	Set at			
Casing Size Weight 4 1/2 10.5			Internal D	Diameter	Set at 1310			Perforations 1242		то 1264			
Tubing Size 2 3/8			Weight			Internal Diameter		Set at 1267		Perforations 1267		То	
Type Con	npletio	ı (De	escribe)			d Production				nit or Traveling	Plunger? Yes	/ No	
	g Thru	(Anr	nulus / Tubing	i)		arbon Dioxi	de		% Nitrog		Gas G 0.670	ravity - G _g	
Vertical D	Depth(H)			0.0210		sure Taps		20.70		(Meter	Run) (Prover) Size	
Pressure	Buildu	o:	Shut in 04/	14 ,	14 _{at} 10	0:30 AN	(AM) (PM)	Taken 04	4/15		14 at 10:30	h meter run AM (AM) (PM)	
Well on L												(AM) (PM)	
						OBSERVE	D SURFAC	E DATA		·	Duration of Shut		
Static / Dynamic Property	Orifi Siz (inch	Ð	Circle one: Meter Prover Pressu	Meter Differential Flowing Well Head		Wellhead			Tubing ad Pressure (P ₁) or (P ₂)	Duration (Hours)	Liquid Produced (Barrels)		
Shut-In	(psig (Pm)	Inches H ₂ 0	<u> </u>	`	psig 40	psta 55	psig 10	psia 55	24	0	
Flow	 			<u> </u>								-	
·			-		•	FLOW STE	REAM ATTE	RIBUTES				,	
Coeffied (F _b) (F	Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or over Pressure psia	Press Extension Pmxh	Grav Fact	tor	Temperature . F		viation Metered Flow actor R F _{pv} (Mcfd)		w GOR (Cubic Fe	eet/ Fluid	
								_					
(P _c) ² =		:	(P _w) ² =	:	(OPEN FLO	OW) (DELIV		/) CALCUL P _c - 14.4) +		:	(P _a) (P _d))² = 0.207)² =	
(P _c) ² - (l or (P _c) ² - (l	•	(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2. and divide		Slo As	essure Curve ppe = "n" or ssigned dard Slope	l n x	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					_								
Open Flo	w			Mcfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 ps	ila	
The	unders	gned	d authority, or	behalf of the	Company, s	states that h	ne is duly a	uthorized t	o make th	ne above repo	ort and that he he	as knowledge of	
the facts s	stated t	nerei	n, and that sa	id report is true	e and correc	_	this the Received		day of		==	, 20	
			Witness (i	fany)		KANSAS COR	PORATION CO	DMMISSION -	<u>.</u>	For	Company		
			For Comm	ission		NO/	/ 2 1 20	014		Che	cked by		

_	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 Gas Chasers, Inc.
	It the foregoing pressure information and statements contained on this application form are true and
	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. Freby request a one-year exemption from open flow testing for the Kottman #1
	If on the grounds that said well:
jas wei	Ton 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
staff as	necessary to corroborate this claim for exemption from testing.
Date:_0	04/15/14
	\mathcal{L}
	Signature: Pur Shalle

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.