KANSAS CORPORATION COMMISSION
SIPTESE ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= :	pen Flo eliveral				Test Date 12-29-1				Α					
Company H & C OPERATING CO.						Lease FRAZIER					1	Well N	umber	
County Location SEWARD SE SE				Section 4		TWP 35S		RNG (E/W) 32W			Acres Attributed			
Fleid					Reservoir MORROW /CHESTER			Gas Gathering Connection DCP MIDSTREAM						
					Plug Back Total Depth			Packer Set at NONE						
asing S	ing Size Weight 10.5			Internal 6 4.052	Diameter		Set at 6240		rations	To 6212				
	bing Size Weight			nt	Internal (Diameter	Set at 6195		Perforations		То			
			escribe)			d Production		,,,	Pump Ur	nit or Travelin	g Plunger? Ye	s / No		
Producing Thru (Annulus / Tubing) TUBING						% Carbon Dioxide			% Nitrog	en		Gas Gravity - G		
/ertical Depth(H)						Pressure Taps FLANGE					(Mete	r Run) (P	rover) Size	
148 ressure	- Duilde		Shut In 12-	28-11	0	·		Takon 12	2-29-11		3.06 0800 at		/AAA) /DAA)	
ell on L) at		(AM) (PM) (AM) (PM)	
						 		 -				24		
Static / Orifice size		8	Circle one: Meter Prover Pressi	Pressure Differential are in	Flowing Well Hea		Wallhood Draceura		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration of Shu Duration (Hours)	Liqu	Diquid Produced (Barrels)	
roperty	(inches)		psig (Pm)	Inches H ₂ 0	<u> </u>	l t	psig	psia	psig	psia		- familiary		
hul-in		····				<u> </u>	596.1	610.5	599.6	614.0	24.0	\bot		
Flow	<u> </u>		<u> </u>			51.004.030			<u></u>		<u></u>			
Plate Coeffictient (F _b) (F _p) Mold		Circle one: Meter or Prover Pressure pala		Press Extension	Grav Fac F	vity tor	Flowing Temperature Factor Fit		dation ctor :	Metered Flo R (Mcfd)	w GOR (Cubic I Barre	eeV	Flowing Fluid Gravity G _m	
				<u> </u>	(OPEN FL	OW) (DELIV	ERABILITY	/) CALCUL	ATIONS		(P) ² = 0.2	207	
e)2 =	1	<u>-</u> :	(P _w) ² =	Choose formula 1 or 2:	P _d =	9	% (F	P _c · 14.4) +	14.4 =	<u></u> :) ² =		
(P _e) ² - (I	P _a) ²	(P _c) ² - (P _w) ²		1. P _c ² · P _s ² 2. P _c ² · P _d ² divided by: P _c ² · P _s ²	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Backpressure Curv Slope = "n"or Assigned Standard Slope		nxl	.og [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
						· · · · · · · · · · · · · · · · · · ·		····						
pen Flo	ıw		<u> </u>	Mcfd @ 14.6	55 psia		Deliverat	bility			Mcfd @ 14.65 p	sia		
The	unders	igned	authority, o	n behalf of the	Company, s	tates that h	e is duly a	uthorized t	o make th	e above repo	ort and that he h	nas knov	rledge of	
				aid report is true						ECEMBER			20 11	
Co	PU		b Ka	C Wic	bita		_	Į,	recisi	in le	Company /	9	Testi	
			Wiltenson I	(anv)			•							

	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 H&C OPERATING CO.
	at 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
of equi	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
l h	reby request a one-year exemption from open flow testing for the FRAZIER 1
gas we	ll 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: _	12-29-11
	Charles P Dannes
	Signature:
	Title: PRESIDENT

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.