## SIPTEST

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

Type Tes	t:				(	See Instruc	tions on Re	verse Side	e)					
Open Flow				Test Date: API No. 15 - 17:						5 - 20. <b>5</b> 67 - <i>0</i>	000			
hr"	eliverabili	У			11-13-1	3								
Company H & C O		ING CO.					Lease FRAZIE	R			1	Weli Nu	mber	
County SEWARD			Location SE SE				TWP 35S		RNG (E/W) 32W		Acres Attributed		Attributed	
Field		-			Reservoir MISSIS	SIPPI/CHE			Gas Gathering Conne DCP MIDSTREAM			***************************************	Millionia, i Millionia a secupa appay a	
Completion Date		TO DECEMBER OF CONTRACTOR OF THE PROPERTY OF T			Plug Bac	k Total Dep	th	Packer Set at NONE		Set at				
Casing Size 4.5		Weight 10.5			Internal Diameter 4.052		Set at 6240		Perforations . 6083		То 6212			
Tubing Size 2.375		We 4.7	ght		Internal Diameter 1.995		Set at 6195		Perforations		То			
Type Completion (COMINGLED					Type Flui NONE	d Production	n	Pump Unit or Trav NO		nit or Traveling	ng Plunger? Yes / No			
Producing TUBING		Annulus / Tut	ing)		% C	arbon Dioxi	ide		% Nitrog	en	Gas Gi .638	avity - (	3,	
Vertical D 6148	,				Pressure Taps FLANGE						(Meter Run) (Prover) Size 3.068"			
Pressure	Buildup	Shut in	1-12	2-13	20at_0	945	(AM) (PM)	Taken 1	1-13-13	20	at_0945	(	(AM) (PM)	
Well on t					0at		(AM) (PM)	Такөл		20	at	(	AM) (PM)	
<del></del> -	<del></del> -	1		,	,	OBSERVE	D SURFACE	DATA	,		Duration of Shut	in 24.	0 Hour	
Static / Orific  Dynamic Size  Property (inches		Meter Prover Pre	Circle and Meter Prover Pressure psig (Pm)		Flowing Well Head Temperature 1 t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)	1 '	Liquid Produced (Barrels)	
Shut-in	****			inches H <sub>2</sub> 0			416.9	431.3	416.9	431.3	24.0			
Flow														
				· · · · · · · · · · · · · · · · · · ·	<del></del>	FLOW STE	REAM ATTR	BUTES					<del></del>	
Plate Coefficeient (F <sub>b</sub> ) (F <sub>p</sub> ) Mofd		Circie ane Meter or Prover Pressuri psia	Meter or rover Pressure		Grav Fact	tor	Flowing Temperature Factor F <sub>ii</sub>	Deviation Factor F <sub>pv</sub>		Metered Fto R (Mcfd)	w GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
			<u>.                                    </u>	<del></del>										
(P <sub>c</sub> ) <sup>2</sup> =		: (P <sub>w</sub> )	² <u></u>	<u> </u>			'ERABILITY) % (P	CALCUL - 14.4) +		:		<sup>2</sup> = 0.2	07	
(P <sub>e</sub> ) <sup>2</sup> - (I	·	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		iose larmula 1 or 2 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_s^2$ ded by: $P_c^2 - P_s$	LOG of formula 1, or 2, and divide	P <sub>2</sub> -P <sub>2</sub>	Sloc	ssure Curve be = "n" or signed ard Slope	nxt	LOG	Antilog	Deli Equals	en Flow verability R x Antilog Mold)	
			-			<del></del>								
Open Flo			<u> </u>	Mcfd @ 14	65 psia		Deliverab	ility		,	Mcfd @ 14.65 ps	 ia		
		ned authority	on h	-		itates that h			o make #	ne above rec	ort and that he ha		ledge of	
		erein, and that								OVEMBER			20 13	
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Cop	0.y_7	to KCC Witnes	s (il an	JiChit	<b>R_</b>	_KCC	WICH	Are	ci5ian	Wiley	M + TESI	פעד.		
** * * * *		For Co	mmissi	on		DEC	0 2 2013	}	رب	Mark	Cked by	2		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator H & C OPERATING CO.
and that 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 equipment installation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year exemption from open flow testing for the FRAZIER 1
gas well 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 further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date:
Signature: MMWRRAME.  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.