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

Type Tes	t:					(See Inst	ructions on	Reve	erse Side,	)				
Open Flow				Total Balance										
Deliverabilty				4-3-14				API No. 15 <b>071-20805-00-00</b>						
Company Horseshoe Operating,		erating, Inc	inc.				Lease , Foster				Well Number 3-7			
County Greeley			Locat SW		Section 07	TWP 20S	TWP 20S		RNG (E/W)			Acres	Attributed	
Field Bradshaw					Reservoir Winfield		<u></u>			Gas Gathering Connection		ection		
Completion Date		te			Plug Bac 2889	epth	h		Packer Set at		_		_	
Casing Size 4.5			Weight 10.5		Internal Diameter 4.052		Set at 2890			Perforations 2805-2819		To 2864-2870		
Tubing Size 2.375			Weight <b>4.7</b>		Internal Diameter 2.000		Set at <b>2871</b>			Perforations		То		
Type Con Single	npletio	n (Do	escribe)		Type Flui Water	d Produc	tion			Pump Un	it or Traveling	Plunger? Ye	s / No	
Producing Thru (Annulus			nulus / Tubin	g)	% (	oxide	te		% Nitrogen		Gas	Gas Gravity - G <sub>g</sub>		
Vertical D	epth(F	1)		• •		P	ressure Tap	<del></del>				(Met	er Run) (	Prover) Size
Pressure	Buildu	p:	Shut in	4-2 2	20 <u>/4</u> at	8:00	(AM) (P	—— М): Т	aken	4-3	20	14 <sub>at</sub> 8	,00	(AM)(PM)
Well on L	ine:		Started	2	0 at		(AM) (P	M) Ti	aken		20	at		(AM) (PM)
•		_				OBSER	VED SURF	ACE 1	DATA			Duration of Sh	ut-in	24 Hours
Static / Dynamic Property	Dynamic Size		Citcle one: Meter Prover Pressu	Pressure Differential tre in	Flowing Well He Temperature Tempera		1 Wallhand Praceura		essure	Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)		uld Produced (Barrels)
Shut-In	-		psig (Pm)	Inches H <sub>2</sub> 0	,	<u> </u>	psig	İ	psia 6.9	psig	psia	24		
Flow		_	-						<u>v. 1</u>		<b></b>			
						FLOW S	TREAM AT	TRIB	UTES					
Coeffiect	Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or over Pressure psla	Press Extension Pmxh	Gravity Factor F <sub>a</sub>		Flowing Temperature Factor F <sub>II</sub>		Devia Fac F	tor	Metered Flow R , (Mcfd)	GC (Cubic Bar	Feet/	Flowing Fluid Gravity G <sub>m</sub>
<u></u>					OPEN EL	OWO (DEI			L. Cill (	ATIONS	<u> </u>			<u> </u>
(P <sub>c</sub> ) <sup>2</sup> =		_:`	(P <sub>w</sub> ) <sup>2</sup> =	:	$P_d =$	J17) (DEE	_%	-	- 14.4) +		<u>·</u> _:		o. o.)2 =	.207
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F	-	(P	(P <sub>w</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula, 1. or 2.	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>		Slope : Oor Assig	r	nxl	.00	Antilog	De	Open Flow aliverability ds R x Antilog (Mcfd)
				<del></del>			<del>                                     </del>			_				
Open Flow				Mcfd @ 14.	55 osia	1	Delive	rabilit	tv			Mcfd @ 14.65	psia	
The u	ındersi			n behalf of the	Company, s		t he is duly	_	orized to	make the day of L	a above report			, 20 <u>/4</u> . 
							_	_				-KANEAS CO		'EU <del>ON PONNICCI</del> O

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exempt state	e under penalty of perjury under the laws of the state of Kansas that I am authorized to request us under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.  foregoing pressure information and statements contained on this application form are true and
of equipmen	e best of my knowledge and belief based upon available production summaries and lease records at installation and/or upon type of completion or upon use being made of the gas well herein named.  The request a one-year exemption from open flow testing for the Foster 3-7
	the grounds that said well:
(0	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
	agree to supply to the best of my ability any and all supporting documents deemed by Commission essary to corroborate this claim for exemption from testing.
Date: <u>8-4</u>	<u>'1-14</u>
	Signature:

## 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.