KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes						((See Instruct	tions on Rev	erse Side))					
Open Flow Deliverabilty				Test Date	12			15	-015 -	2066	9-00	J- 00			
Company		ега	ting, Inc.					Lease Lewis				1	4	lumber	
County Hamilton			Loca C SW		Section 7		and the second second second	TWP 22S		RNG (E/W) 41W			Acres	Attributed	
Field Bradshaw						Reservoir Winfield				Gas Gathering Connection Oneok		ection		· .	
Completion Date 5-13-1998						Plug Back Total Depti 2746 TD		ih	Packer Set at None		et at		in the second	en alle age e et la estado en el arres	
Casing Size 4.5			Weig 10.5		Internal D 4.000		Diameter	2745		Perforations 2702		то 27 1	7		
Tubing Size			Weight			Internal Diameter		Set at		Perfora	ations	To			
Type Completion (Describe) Single - Gas					Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod						
Producing Thru (Annulus / Tubing)				% Carbon Dioxide				% Nitroge	Gas	Gas Gravity - G _g					
Annulus								 -				(8.8.1			
Vertical D	eptn(H	i) 					Flan			······································	·	2"	•	Prover) Size	
Pressure	Buildu	p: -	Shut in	9	<u>-/0 </u>	0/2 at 4	1:45	(AM) (PM)	Taken	9-1	20/	12 at 9.	<u>'45</u>	(AM) (PM)	
Well on L	ine:		Started		20) at		(AM) (PM)	Taken	•	20	at		(AM) (PM)	
							OBSERVE	D SURFACE	DATA			Duration of Sh	ut-in <u> </u>	24 Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressure psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t Casir Wellhead F (P _w) or (P ₁		Pressure) or (P _c)) (P _w) or (P _t) or (P _c)		Duration Liqu (Hours)		uid Produced (Barrels)	
Shut-In	Shut-In .62				mones + 1 ₂ 0			psig	49	psig	psia	24			
Flow									, 						
	·						FLOW STR	EAM ATTRI	BUTES						
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P _m xh		rity T	emperature Fac		riation Metered Flow lector R = (Mcfd)		GC (Cubic Ban	Feet/	Flowing Fluid Gravity G _m	
(P _c) ² =		_:	(P _w) ²	=	:			ERABILITY)	CALCUL - 14.4) +		:		$(P_a)^2 = 0.5$ $(P_d)^2 =$	207	
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² · (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _d ² 2. P _c ² - P _d ² divided by: P _c ² - P _d ²		LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpresst Slope		n x LC	og [Antilog	O De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow	<u> </u>				Mcfd @ 14.6	S5 psia	•	Deliverabil	itv			Mcfd @ 14.65	nsia		
The u	ındersi			on b	ehalf of the	Company, s		e is duly aut	horized to			t and that he	·	vledge of	
he facts st	ated th	ereii	and that s	said	report is true	and correct	t. Executed	this the	<u>o</u> (day of	nioue	interior	, 	20/A	
			Witness	(If any	/)			_		Juniur	Ford	ompany (<u>_</u>	RECEIVED CT 1 1 20	
			For Com	mlssio	on					,	Check	red by	0	CT 1 1 20	

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 Horseshoe Operating, Inc.
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 Lewis 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: 10-8-12
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.