KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

type test					(Dee Hishaci	uons on nev	erse siut	-)					
	en Flow Hiverabilty			Test Date	12				I No. 15 ′ 1-20358 - ⊂	00-00			
Company		ating, Inc.		10.01		Lease Watson	Farms			1	Well Nu	mber	
County Greeley		Locatio C NE	n	Section 19		TWP 20 S		RNG (E/W) 39W		Acres Attribute		Attributed	
Field Bradshaw			Reservoir Winfield				Gas Gathering Con DCP Midstream		ection				
Completic 2-21-85	on Date			00001	k Total Dept	h		Packer	Set at	. A. Tropisco de la composición de la c	- 		
Casing Size 4.5		Weight 10.5		Internal Diameter 4.052		Set at 2949'		Perforations 2831'		To 2880'			
Tubing Size Weight 2-3/8 4.7		Internal Diameter 2.000			Set at 2809'		Perforations		То				
Type Completion (Describe) Single - Gas			Type Flui Water					r Traveling Plunger? Yes / No					
Producing	g Thru (A	nnulus / Tubing)			Carbon Dioxid	de		% Nitrog			Gravity - (3 ₉	
Annulus Vertical D				· · · · · · · · · · · · · · · · · · ·	Press	sure Taps			· · · · · · · · · · · · · · · · · · ·	(Mete	r Bun) (P	rover) Size	
			- /		Flang	ge				2"		ŕ	
Pressure	Buildup:	Shut in	7/21 2	0/2at_	8:35	(AM) (PM)	Taken	5/20	20	12 at 81.	35 C	AM) (PM)	
Well on Li		Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
158			.		OBSERVE	D SURFACE	DATA			Duration of Shu	ıt-in 2	4_ Hou	
Static / Dynamic Property	Orifice Size (inches)	Circle one: Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H ₂ 0	Temperature Tempera		Wellhead Pressure (P_w) or (P_l) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	4 .	Liquid Produced (Barrels)	
Shut-In	.625	.				psig	80.4	psig	psia	24			
Flow													
					FLOW STR	EAM ATTRI	BUTES	*	1				
Plate Coefficcie (F _b) (F _p Mcfd	ient	Circle one: Meter or rover Pressure psia	Press Extension ✓ P _m xh	Grav Fact	tor T	Flowing emperature Factor F _{II}	Fa	iation ctor pv	Metered Flov R (Mcfd)	y GOF (Cubic f Barre	eet/	Flowing Fluid Gravity G _m	
	l			(0.00)									
(P _c) ² =	:	(P _w) ² =	•		OW) (DELIVE	ERABILITY) 6 (P _e	- 14.4) +		:		$(a_1)^2 = 0.20$ $(a_2)^2 = 0.20$	07	
(P _c) ² - (P or (P _c) ² - (P		(P _c) ² - (P _w) ²	1. P _c ² - P _a ² 2. P _c ² - P _d ² ded by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide	P.2. P.2	Slope C Assi	sure Curve e = "n" or gned rd Slope	l n v	LOG	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)	
							· · · · · · · · · · · · · · · · · · ·						
Open Flow	<u> </u>		Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 p	sia		
	_	ed authority, on lein, and that said					/_	o make th	ne above repo	st	, 2	0/2	
•								anic	e Ru	Elein	REC	Elve	
		Witness (if a					7		F#C	Company	AUG	-IVED	
	-	For Commiss	ion						Chec	· K (CC W	EIVED 1 0 2012 ICHITA	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt	t status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and tha	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
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
l he	ereby request a one-year exemption from open flow testing for the Watson Farms #1
gas wel	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
	rther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
stan as	necessary to corroborate this claim for exemption from testing.
Date:	8/6/12
	Signature:Ripley
	Title: Production Assistant
	· A(V)

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.