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

Type Test	t:				(See Inst	ructions on Re	everse Side	e)				
= :	en Flow			Test Dat	e:			AP	l No. 15			
Deliverabilty				5-22-13				071-20358 - 0000				
Company Horsesh	oe Opera	ating, Inc.				Lease Watsor	n Farms			1	Well Number	
County Location Greeley C NE				Section 19		TWP 208			:/W)	Acres Attributed		d
Field Bradshaw					Reservoir Winfield			Gas Gathering Connection DCP Midstream				
Completion Date 2-21-85					Plug Back Total Depth 2939'				Set at		<del> </del>	<del></del>
	sing Size Weight			Internal I 4.052	Diameter		Set at 2949'		Perforations 2831'		To 2880'	
ubing Siz	ng Size Weight		Internal Diameter 2.000		Set at 2809'		Perforations		То			
Type Completion (Describe) Single - Gas					Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod				
roducing	Thru (An	nulus / Tubin	ng)		Carbon Di	oxide	,	% Nitrog			ravity - G <sub>g</sub>	—
innulus ertical D			· · · · · · · · · · · · · · · · · · ·	<del></del>		essure Taps	<del></del>	\*- '			Run) (Prover) Siz	ze
			5-21	12	Flange [AM] (PM) Taken_				22	2"	<u>, , , , , , , , , , , , , , , , , , , </u>	
ressure l						•						
Vell on Li	ne:	Started	20	) at		(AM) (PM)	Taken		20	at		<u> </u>
<del></del>		Circle one:	Pressure		OBSER	VED SURFAC			B.bl	Duration of Shut	-in_24_H	ours
Static / lynamic roperty	Orifice Size Prover Pressure in		Differential ure in	Flowing Well Heat Temperate t		I Wellhead Preceure		Tubing Welihead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)	Liquid Produce (Barreis)	id
Shut-In	.625		•			poig	95.9	paig	pola	24		$\dashv$
Flow												
			T	<del></del>	FLOW S	TREAM ATTR	IBUTES					_
Plate Coeffiecie (F <sub>b</sub> ) (F <sub>p</sub> Mcfd		Circle one: Promoter or External Prover Pressure Psia		Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>11</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	(Cubic Fe Barrel)	1 Growin	Ĭ
	l_		<u> </u>							\		
<sub>c</sub> ) <sup>2</sup> =	:	(P <sub>w</sub> ) <sup>2</sup> =	·:	(OPEN FLO	• •	% (F	) CALCUL <sup>2</sup> c - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	) <sup>2</sup> = 0.207 ) <sup>2</sup> =	
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>s</sub> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>c</sub>		$(P_c)^2 - (P_w)^2$ Choose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_a^2$		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" or Assigned Standard Slope		ואמ	og	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
<del>,</del>		-			•		7-1M74-12					
pen Flow			Mcfd @ 14.6	5 psia		Deliverabi	ility		<u> </u>	Mcfd @ 14.65 ps	ia	
The un	ndersigned	authority, or	n behalf of the	Company, s	tates that	he is duly au	thorized to	make th	e above repo	rt and that he ha	as knowledge of	
			aid report is true				クス	day of	Juli	T T	Kee√√ JUL 2:	#C
		Witness (i	fanyl						V (	omnam.		<del>5</del> 9:
								·		ompany		
		For Comm	ission						Chec	ked by	RECE	EIV

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 Watson Farms #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: <u>Januce Ripley</u> Title: <u>Production Assistant</u>

## 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.