KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	:				ſ	aee ins	tructions on P	everse side	7)	,				
,	en Flow				Test Date	ı:				l No. 15				
✓ Del	liverabili ————	ty			05/20/20	13 to 0	5/24/2013		07′	1-20846-0000	0			
Company H orsesh e		eratir	ng, Inc.				Lease Chest	er .	. :		#4	Well N	umber	
County Greeley	· · · · · · · · · · · · · · · · · · ·			Section 19		TWP 17S			/W)		Acres	Attributed		
Field Bradshaw				Reservoir Lower Winfield, Upper Ft. Riley				Gas Gathering Connection DCP Midstream						
Completion Date 9/28/06				Plug Back Total Depth 3030				Packer :	Set at					
Casing Si	ng Size Weight 10.5				Internal [Diamete		Set at 3034		Perforations 2920-37 2941-66		To 2982-94		
Tubing Size			Weight ,		Internal Diameter			Set at 2935		Perforations		То		
Type Completion (Describe) Single (Gas)				Type Fluid Production Salt Water				Pump Unit or Traveling Plunger?			Yes / No			
_ `		Annı	ulus / Tubing)			arbon [Dioxide		% Nitrog	gen	Gas	Gravity -	G _g	
Tubing Vertical D	epth(H)						Pressure Taps						Prover) Size	
							lange Taps		=			nch		
Pressure	Buildup	: S	hut in05/20)2	0_13_at_6	00 AN	<u>//</u> (АМ) (РМ	1) Taken <u>0</u> :	5/24	20	13 at 8:00	MA C	(AM) (PM)	
Well on L	ine:	s	tarted	2	0 at		(AM) (PN	f) Taken		20	at		(AM) (PM)	
						OBSE	RVED SURFA	CE DATA			Duration of S	hut-in 98	Hours	
Static / Dynamic Property	nic Size erty (inches)		Circle one: Meter Prover Pressure		Flowing Wei		ead Wellhea	asing ad Pressure (P _t) or (P _c)			Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (Pm)	Inches H ₂ 0			psig 145	psia 158.4	psig	psia	98	n/a	n/a	
Flow				1										
·· ·				- 		FLOW	STREAM ATT	RIBUTES						
Coeffied (F _b) (F	Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: Meter or er Pressure psia	Press Grav Extension Fact √P _m xh F _g		or Temperature		F	viation actor F _{pv}	Metered Flov R (Mcfd)	(Cubi	OR lc Feet/ irrel)	Flowing Fluid Gravity G _m	
					(OPEN FL	OW) (DI	ELIVERABILI1	(Y) CALCUI	LATIONS			(D.)2 0		
(P _c) ² =		_;	(P _w)² =_		P _e =			(P _o - 14.4) +		:		$(P_{a})^{2} = 0.$ $(P_{d})^{2} = $		
$(P_{o})^{2} - (P_{a})^{2}$ or $(P_{c})^{2} - (P_{d})^{2}$			$ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - (P_w)^2 $ $ (P_c)^2 - P_c^2 - P_d^2 $ $ (In the local formula 1 or 2 or$		LOG of formula 1. or 2. and divide P 2 P		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				- "										
Open Flo	w			Mcfd @ 14.	65 psia	·	Deliver	ability			Mcfd @ 14.65	psia psia		
							nat he is duly uted this the		to make t	he above repo lune	ort and that he			
)ani	• //	pley		CC¹WI(UL 05	
			Witness (if a	ıny)			_		//	ntor (winpany (
		·	For Commis	sion						Che	cked by		RECEI	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request t status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	pment 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 Chester #4
	ell 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
	To the capable of producing at a daily rate in excess of 250 mens
l fu	irther agree to supply to the best of my ability any and all supporting documents deemed by Commissi
staff as	s necessary to corroborate this claim for exemption from testing.
Data: (06/04/2013
пате: ч	
Date:	
Date: _C	
Date: _C	
Date:	Signature: Janua Ripley
Date: _c	Signature: Ganice Ripley Title: Froduction Assistant

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.