KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type les						(See msnuc	nions on He	verse Siui	=)					
	Open Flow Deliverability					14		.		API No. 15 071-20147 - 0000				
Company Horsesh	у		ting, inc.		4-3-1		Lease Pringle	•	- 07	1-20141 - 01	C-1	Well N	umber	
County Location Greeley C SW/4				Section 30		TWP 18S		RNG (E/W)			Acres 640	Attributed		
Field Bradshaw				Reservoi Chase	r		Gas Gathering ODCP Midst							
Completi- 2-12-78		te			Plug Bac 2920	k Total Dep	th		Packer	Set at				
Casing Size Weight 4.5 10.5				internal 1 4.04	Diameter	Set at 2969		Perforations 2894		то 2910	то 2910			
Tubing Size Weight 2-3/8 4.7				Internal I 1.995		Set at 2916		Perforations		То	То			
Type Completion (Describe) Single Gas				Type Flui Water	d Productio	n	Pump Unit or Tra Pump - Rod			Plunger? Ye	s / No			
Producing	-	(Anı	nulus / Tubin	g)	% (arbon Diox	ide	•	% Nitrog	en	Gas	Gravity -	G _q	
Vertical D	Depth()				Pres Flan	sure Taps				(Mete	r Run) (F	rover) Size	
Pressure	Buildu	ıp:	Shut in	4-2 20	0/4 at_0	7: 6 0	(PM)	Taken	4	- <u>3</u> 20	14 at 9	100	(AM) (PM)	
Well on L	_ine: 		Started	20	o at	<u> </u>	(AM) (PM)	Taken		20	at	_	(AM) (PM)	
			,			OBSERVE	D SURFACE	DATA			Duration of Shi	ut-in	24 Hour	
Static / Dynamic Property	ynamic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential In Inches H ₂ 0	Flowing Well Head Temperature Temperatur		Casing Wellhead Pressure (P;) or (P,) or (Pc) psig psia		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		_					40	psia	psig	psia	24			
Flow	<u> </u>					T. 6111 6-11			<u> </u>					
			Circle one:	<u></u>	T	FLOW STE	REAM ATTRI	BUTES					Τ	
Plate Coeffiecient (F _b) (F _p) Mofd		Meter or Prover Pressure psla		Press Extension P _m x h	Grav Fac F _t	tor	Tomasana		Deviation Meterec Factor R F _p (Mcd		w GO (Cubic Barr	Feet/	Flowing Fluid Gravity G _m	
				<u> </u>	(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS					
(P _o) ² =	<u> </u>	<u>_:</u>	(P _w)² =	<u> </u>	P _d =			- 14.4) +		:		$(a)^2 = 0.2$ $(a)^2 = $		
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		Choose formula 1 or 2: 1. P _c ² - P _s ² 2. P _c ² - P _s ² divided by: P _c ² - P _w ²	LOG of formula 1. or 2. and divide by:	P _a ² - P _w ²	Backpressure Cun Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						,								
Opp. Fla				Mcfd @ 14.6	SE polo		Dalinanahi			·	11-61 6 41 07			
Open Flor							Deliverabi				Mcfd @ 14.65	_		
			•	n benair of the laid report is true		t. Executed	I this the	16	day of	LINE	ort and that he		dedge of 20 <u>14</u> .	
			Witness (if any)			WICH		Ja	nucl For	Kiple	1		
·			For Comm	nission			1 2 0 201		<i>V</i>	Che	cked by	<u>/</u>	-	
						Ŗ	RECEIVE	D						

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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 Pringle C #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
is not capable of producing at a daily rate in excess of 250 members
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.
stall as hecessary to corroborate this deal for exemption from testing.
Date: 6-16-14
$oldsymbol{\cdot}$
Signature:anice Ripley
Title: Production Assistant
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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.