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

Type Tes	t:					(	(See Instru	ctions on Re	everse Side	9)				
Open Flow						Toot Date	<b>.</b>			۸DI	No. 15			
Deliverabilty					Jest Date	14		API No. 15 071-2 <del>00200</del> 20,086 - 0000						
Company		Ope	rating, In	C.		<b>,</b>	· ·	Lease Floyd	В			1	Well Nu	ımber
County Loca Greeley C SE						Section 12	•		TWP 19S		RNG (E/W)		Acres Attributed 640	
Field Bradshaw						Reservoi Winfie			Gas Gathering (DCP Midstrea					
Completic 9/1975		е					k Total De	pth		Packer \$	Set at (			
Casing Size 5.5			Weight 14				Diameter		Set at 2958		Perforations 2882		то 2922	
Tubing Size			Weight			Internal I	Diameter	Set	Set at 2880		Perforations			
Type Con Single	npletion	ı (De					d Production				Pump Unit or Traveling Plu		unger? Yes / No	
Producing	Thru	(Ann	olus / Tubir	ıg)			Carbon Dio	xide	·	% Nitrog	gen	Gas G	ravity - (	<del>]</del> ,
Tubing	\ac 20			_		_		<del> </del>		_			Du-1 /-	
Vertical Depth(H) 2960			-64 -				Pre	ssure Taps	ure Taps angl				(Meter Run) (Prover) Size	
Pressure	Buildu	o; \$	Shut in	4-2	2	/ <u>H</u> at_	8,00	(PM)	Taken	4-	<u>ろ</u> _20	14 at 87	00 (	(AM) (PM)
Well on L	ine:		Started		2	0 at		_ (AM) (PM)	) Taken		20	at	(	(AM) (PM)
							OBSERV	ED SURFAC	E DATA			Duration of Shut	.in <u>2</u>	4 Hours
Static / Dynamic Property	Orifice Size (Inches)		Meter Difference In		ssure rential in es H <sub>2</sub> 0	Flowing Well Head Temperature t t		e Wellhead (P <sub>w</sub> ) or (	(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing ad Pressure r (P <sub>t</sub> ) or (P <sub>c</sub> )	1 '		d Produced Barrels)
Shut-In	.500		psig (Pm)	THERE	≈ π <sub>2</sub> υ		1	pskg	102	psig	psia	24		
Flow										_				
	<del> ,</del>					<del></del> -	FLOW ST	REAM ATT	RIBUTES			<del></del>		<del>\-</del>
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Gircle one: Meter or Prover Pressure psia		Exte	Press Extension ✓ P <sub>m</sub> xh		Gravity Factor F		Fa	eviation Metered Fi Factor R F <sub>pv</sub> .(Mcfd)		W GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
						400000					-	_		
(P <sub>c</sub> ) <sup>2</sup> =		:	(P <sub>w</sub> ) <sup>2</sup> =	:	:	(OPEN FLO	OM) (DEL)	VERABILIT % (	Y) CALCUL  P <sub>e</sub> - 14.4) +			(P <sub>a</sub>	) <sup>2</sup> = 0.2 ) <sup>2</sup> =	07
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> -P <sub>s</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> -P <sub>c</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide by:		Backpressure Cu Slope = "n"		э п х	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
				assubu by, I	c - ' w	-	<u> </u>	Can					,	
								_	•		•			
Open Flow Mcfd @ 14.65 psia						Delivera	bility	Mcfd @ 14.65 psia						
			_			Company, s		•	authorized t	day of	ne above repo	ort and that he h	as know	eledge of 20 <u>14</u> .
			Witness (	if any)					//		For	Company	1	RECEIVED
	_	-	For Comm	ission							Che	cked by KANS	AS COR	PORATION COM

	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exemp	t status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and th	at the foregoing pressure information and statements contained on this application form are true and
correc	t 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.
۱h	ereby request a one-year exemption from open flow testing for the Floyd B 1
gas we	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
l fu	rther 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: _	8-4-14
	•
	Signature: Janice Ripley
	Title: Production 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.