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

Type Test:					(See Instruc	ctions on Re	verse Sid	e)				
Open Fl				Test Dar 5-22	te:  -/ 2			API N 071-	lo. 15 <b>20022</b> 0	20 <b>,086</b> -0	000	
Company	Opera	tina Ina	······································	200	70	Lease	ъ	0/1-			Well Number	
Horseshoe Operating, Inc.				Section	Floyd B Section TWP			RNG (E/M	<u></u>	1	Acres Attributed	
Greeley C SE SE			12		198	•	41W	•		640		
Field Bradshaw				Winfie	Reservoir <b>Winfield</b>				Gas Gathering Connection DCP Midstream			
Completion Date 9/1975				Plug Ba 2944	Plug Back Total Depth 2944				t at			
Casing Size 5.5				Internal 5.12	Internal Diameter 5.12		Set at <b>2958</b>		Perforations 2882		то <b>292</b> 2	
ubing Size	Size Weight			Internal 1.995	lemal Diameter Set at .995 2880			Perfora	tions	То	То	
Type Completion (Describe) Single					Type Fluid Production				Pump Unit or Traveling Plunger? Yes / No			
roducing Thru	(Annulu	s / Tubing)		% (	Carbon Diox	ide		% Nitroger	<del></del>	Gas G	ravity - G <sub>g</sub>	
ertical Depth(i	H)					sure Taps	 2			,=	Run) (Prover) Size	
ressure Buildu	up: Shu	t in <u>5</u>	-21 2	10 <u>13</u> at_	0120	(AM) (PM)		5-22	20 /	13 at 9.	39 (AM)(PM)	
fell on Line: Started		2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)		
		Circle one:			OBSERVE	D SURFACE				Duration of Shut	t-in <u>24</u> Hour	
Static / Orifi ynamic Siz roperty (inch	ice re res)	Meter ver Pressure	Pressure Differential in	Flowing Well Her Temperature Temperat		i Walihaad Praesura		Tubling Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In ,50		sig (Pm)	Inches H <sub>2</sub> 0		+	psig psia		psig psia		24	<del> </del>	
Flow		···					<del>7</del> 0			97		
				<u></u>	FLOW STR	EAM ATTR	BUTES	·	L.			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Motd	Circle Mete Prover P ps	ressure	Press Extension ✓ P <sub>m</sub> ×h	Grav Fact F <sub>o</sub>	tor	Flowing Temperature Factor F <sub>f1</sub>		Deviation Metere Factor F F  F  (Mc		GOR Flowing (Cubic Feet) Graving G <sub>m</sub>		
						,						
) <sup>2</sup> =	_:_	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FLO	<b>DW) (DEL</b> IVI	•	CALCUL a - 14.4) +		:	(P <sub>a</sub>	) <sup>2</sup> = 0.207 ) <sup>2</sup> =	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P <sub>e</sub> )²- (	P <sub>w</sub> ) <sup>2</sup>	se formula 1 or 2:  P2-P2  LOG or formula  1. or 2: and divide by: P2-P2		P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpressure Curve Słope = "n"orAssigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
											,	
en Flow			Mcfd @ 14.6	5 psia		Deliverabi	lity		į.	lcfd @ 14.65 ps	ia	
The undersig							18		above report	t and that he ha	as knowledge of	
Statog un	vai, ain	- viet 381U	opon is inde	anu tonect.	. Exacnted (	a IIIV		day of Ancl	JR.	o Dois	VCO Mana	
	<del></del> _	Witness (if any	)	· · · · · · · · · · · · · · · · · · ·	<u></u>	_	1	anice	ForCo	hipany /	VCC MICI	
		For Commission	n		<del></del>	_		<del></del>	Check	ed by	JUN 2 0 20	
											RECEIVE	

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 Floyd B 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: $6-18-13$
Signature:

## 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.