## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Open Fl	low		<b>75</b>	(aee instruc	tions on He	everse Sia		<b>81</b> . 4.**				
Delivera	7-/8	Test Date: 7-18-12				API No. 15 075-20596 - OO - OO						
Company Horseshoe Operating, Inc.				Lease Sinsbaugh					1	Well Number		
County Location  Hamilton C SW		Section 17			TWP 22\$		RNG (E/W) 41W		Acres Attributed			
Field Bradshaw			Reservo Winfield				Gas Gath Oneok	nering Connec	ction			
Completion Da 5-20-96	Plug Bad <b>2700'</b>	Plug Back Total Depth 2700'			Packer S	et at			<del></del>			
Casing Size 4.5	e Weight 11.6		Internal 4.000	Internal Diameter 4.000		Set at <b>2732</b> '		Perforations 2674'		то <b>2688'</b>		
Tubing Size 2-3/8			Internal 2.000	Internal Diameter 2.000		Set at <b>2690'</b>		Perforations		То		
Type Completic Single - Gas	Type Flu Water	Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod							
Producing Thru Annulus	% (	% Carbon Dioxide			% Nitroge		Gas G	Gas Gravity - G <sub>g</sub>				
Vertical Depth(	H)				sure Taps		· · · · · · · · · · · · · · · · · · ·			Run) (Pr	over) Size	
Pressure Buildu	up: Shutin	7-17	20/2at/	Flan: 7:15	<del>-</del>	Taken	7-18	20/	2" 2 at ///	15,	ÁM) (PM)	
Well on Line:									at	`	AM) (PM)	
				OBSERVE	D SURFACI	E DATA			ouration of Shut	-in Z	24_Hour	
Static / Orif Oynamic Siz Property (Inch	ze Prover P	er Differenti	al Temperature	Well Head Temperature t	(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Weilhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquio	Produced	
Shut-In .50	00	113	29		psig	 5/./	psig	psia	24			
Flow			:									
				FLOW STR	EAM ATTR	BUTES			<del> </del>		·	
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd	Meter or	Prover Pressure		rity tor	Temperature Factor		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
	71172		(OPEN FL	OW) (DELIVE	FRARII ITY)	CALCIII	ATIONS				<del></del>	
P <sub>c</sub> ) <sup>2</sup> =	_: (P	)2 =:	$P_d =$	- •	•	- 14.4) +		<u></u>	(P <sub>a</sub> )	2 = 0.20 2 =	 	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_a)^2$	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 of 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	I. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> LOG of formula 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 1. or 2. and divide		P <sub>2</sub> P <sub>2</sub> P <sub>3</sub> Standar		n x LC	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
pen Flow	4.65 psia	psia Deliverability			Mctd @ 14.65 psia							
The undersi	gned authority	, on behalf of th	e Company, si	lates that he	is duly aut	thorized to	make the	above report	and that he ha	ıs knowle	edge of	
facts stated th	nerein, and tha	t said report is tr	ue and correct.	. Executed t	this the	8 (	tay of _D • ANCL	cloud	D	RE(	) 2 ZEIVEL	
	Witne	ss (if any)					wille	FCom	pany	OCT	1 1 20	
	For C	ommission			·			Checked	t by	(CC)	MICHI	

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 Sinsabaugh #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: $10-8-12$									
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.