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

Type Test: (5						(See Instruc	ctions on Re	verse Sid	e)		-		
_ o	pen F	low											
Deliverabilty				Test Date: 3-11-12			API No. 15 075-20098 - 🔾 🗸 🗢						
Compar			·				Lease	<del></del> -			<del></del>	Well Number	
Horseshoe Operating, Inc.			<del>·</del>	Dotts						1			
County Hamilton			Loca C SW		Section 28		TWP 23S		RNG (I	<u> </u>		Acres Attributed	
Field Bradshaw					Reservoir Chase			Gas Gathering Co DCP Midstre					
Completion Date 12-18-75					Plug Back Total Dep 2585'		th		Packer	Set at		<del></del>	
Casing Size 4-1/2"			Weig	pht	Internal-Diameter		Set at <b>2585</b> '		Perforations 2498'		то 2510'		
Tubing Size 2-3/8"			Weight 4.7		Internal Diameter 1.995			Set at Perf 2529'		orations	То		
Type Completion (Des Single - Gas			escribe)		Type Fluid Production Water		n			Init or Traveling	Plunger? Yes	/ No	
Producin	g Thr	An) u	nulus / Tubir	ng)	% (	Carbon Dioxi	de		% Nitro		Gas G	ravity - G	
Annulu										•			
Vertical D	Depth(	H)				Pres Flan	sure Taps Ge			-·· , <u>-</u> . <u>-</u> .	(Meter 3"	Run) (Prover) Size	
Pressure	Build	IID.	Shut in	3-6	$20/2_{\rm at}$			Talaaa	3	-7	12 at 11,0	0 0-	
Well on L		•			,	•					at		
					<del></del>	OBSERVE	D SURFACE	DATA		<del></del> -	Duration of Shut-	in 34 Hours	
Static / Orific Dynamic Size Property (inche		Ze Prover Proceure		, , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Flowing			ing		Tubing	Duration of Stitut	n	
					•		Wellhead Pressure  (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )  psig psia		Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>4</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In .50		00					84	psla	psig psia		24		
Flow			.,		<u> </u>								
-					<del></del>	FLOW STR	EAM ATTRI	BUTES			··		
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Prassure psia		Press Extension	Gravity Factor F <sub>6</sub>		Flowing Temperature Factor F, F		tor R		GOR (Cubic Fe Barrel)	Growth	
				i	(ODEN EL C	W) (DELIVE	RABILITY)	607.0111.4	TONO	<del></del>			
(P <sub>o</sub> ) <sup>2</sup> =		_:_	(P <sub>w</sub> )² =	<u> </u>	P <sub>d</sub> = _			- 14.4) + 1		<u>:</u> :	(P <sub>a</sub> ) <sup>3</sup> (P <sub>a</sub> ) <sup>3</sup>	2 = 0.207 2 =	
(P <sub>c</sub> )²- (P	)2	/P	,)²- (P_)²	Choose formula 1 or 2: 1. P <sup>2</sup> -P <sup>2</sup>	LOG of		Backpress	sure Curve	T	ГЭТ		Open Flow	
οτ (P <sub>g</sub> )²- (P <sub>g</sub> )²		( ) ( )		2. P <sup>2</sup> -P <sup>2</sup>	formula - 1. or 2. and divide	P <sub>0</sub> <sup>2</sup> . P <sub>y</sub> <sup>2</sup>	Slope P 2 Ass Standa		nxl	.0G	Antilog	Deliverability Equals R x Antilog (Mcfd)	
		-			ļ			···					
Open Flow	<u>l</u>			Mcfd @ 14.6	i S osia		Deliverabiti	h	_l		4-4-6-4-05		
The	vdere!	nned	Butho:					<del></del>			Acfd @ 14.65 psia		
				i behalf of the (			his the	6 da	ay of	apri	t and that he has	s knowledge of, 20 <u>/2</u> .	
			Witness (if	any)			· · · ·		mic	e M	many T		
			For Commit	ssion		APR 1	B 2012	<i>V</i>			, U	·	

**KCC WICHITA** 

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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 Dotts #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: 4/16/12
Signature: <u>Janual Ripley</u> Title: <u>Production Assistant</u>

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.