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

Type Test	::					(	See Instruc	tions on Re	verse Side	)					
□ Ср	en Flo	w				Tool Date				ADI	No. 15	•			
Deliverabilty						Test Date 4-3.	14		API No. 15 15-075-20761 <i> 0000</i>						
Company Horseshoe Operating, Inc.							•	Lease Dikem	an	<i>.</i>	•	2	Well N	lumber	
County Location Hamilton C-S/2						Section 10		TWP- 22S			W)		Acres	Attributed	
Field Bradshaw					Reservoir Winfiel			Gas Gathering (DCP Midstr							
Completion Date / 8-2-2001						k Total Dec	oth		Packer S		<u> </u>				
Casing Size W				tht	· · · · · ·	Internal E 4.052	Diameter		Set at 2769		Perforations 2729		 38		
Tubing Si	ze	10.5 Weight			<del></del>	Internal D		Set at		Perforations		To		<u> </u>	
2.375 4.7 Type Completion (Describe)					d Productio		Pump Unit or Trave		it or Traveling	Plunger? '	res / No				
						Water % C	arbon Diox	ide		Yes % Nitrog		Gas	Gravity -	<u> </u>	
Casing	,u	/mil		ופיי		<i>7</i> 8 U	JUK			, may	-·I	Ų di	- GILLERY -	~_0	
Vertical Depth(H)							Pressure Taps Flange					(Me	ter Run) (I	Prover) Size	
Pressure	Buildu	p:	Shut in	1-6	2	0/4-at_		./(AM) (PM)	Taken	4-3	20/			(AM)(PM)	
Well on Li	ine;					•		$\overline{}$			20	at		. (AM) (PM)	
							OBSERVE	D SURFAC	E DATA	,		Duration of S	hut-in	34 Hours	
Static / Dynamic Property	c Size		Circle one:  Meter  Proyer Pressure  psig (Pm)		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	Casing Weilhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	.62		-		Indias 1120			psig	psia	psig	psia	24			
Flow								,							
							FLOW ST	REAM ATTR	RIBUTES				<u> </u>		
Plate Coeffieck (F <sub>b</sub> ) (F <sub>f</sub> Mcfd	ent	Circle one: Meter or Prover Pressure psia			Press Extension ✓ P <sub>m</sub> xh	Gravity Factor F <sub>a</sub>		Flowing Temperature Factor F <sub>11</sub>		iation ctor c	Metered Flov R (Mcfd)	(Cub	iOR ic Feet/ arrel)	Flowing Fluid Gravity G <sub>m</sub>	
						(OBEN EL	DW (DELI)	EDADU IT	O CALCIII	ATIONS		,			
(P <sub>c</sub> ) <sup>2</sup> =		` _:_	(P <sub>w</sub> ) <sup>2</sup>	=	<u>:</u>	P <sub>d</sub> =		/ERABILITY	P <sub>a</sub> - 14.4) +		<u>'</u> ;		$(P_a)^2 = 0.$ $(P_d)^2 = \underline{}$	207	
(P <sub>c</sub> ) <sup>2</sup> - (P or (P <sub>c</sub> ) <sup>2</sup> - (P	- 1	(P <sub>e</sub> )²- (P <sub>u</sub> )²		1. 2.	se tormula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ and by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P.2-P.2	Backpressur Slope = or- Assign Standard		n x i	roa [	Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	_}					-		<del> </del>	<u> </u>	$\perp$		-			
Open Flow				P	Mcfd @ 14.6	55 psia		Deliveral	bility			Mcfd @ 14.6!	 5 psia		
The u	ndersi	gner	authority.			•	tates that h			o make th	ne above repo			wledge of	
						and correct		•	1/	day of	Jun	e		, 20 14.	
			Witness	Of emo						ani	le K	ipley	<del>/</del>		
			ANTHES	(rishty)	•				0		FOLC	withhearth (			
			For Com	mission							Chec	cked by	KC	C WICH	

JUN 2 0 2014 RECEIVED

	leclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exem	ot 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
of equ	ipment installation and/or úpon type of completion or upon use being made of the gas well herein named.
i h	ereby request a one-year exemption from open flow testing for the Dikeman #2
gas w	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
I fo	urther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	s necessary to corroborate this claim for exemption from testing.
Date:	6-16-14
	Signature: ( Ance Kipley
	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.