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

Type Test	:				•	(See Instru	ctions on Rev	erse Side	<del>)</del> )				
□ Ор	en Flov	٧			Test Date	a			ΔDI	No. 15			
Deliverabilty					4-3-1	14		API No. 15 075-20816-00-00					
Company Horseshoe Operating, Inc.							Lease Braddo	Lease Braddock			Well Number		
County Location Hamilton C SW				1	Section 34			TWP 22S		RNG (E/W) 40W		Acres Attributed 640	
Field Bradshaw					Reservoir <b>Winfield</b>			Gas Gathering Con DCP`Midstre		•			
Completion Date 9-29-04				Plug Back Total Depth 2600 (TD)			oth	Packer Set at					<u>.</u>
asing Size Weight .5 10.5			··• <del>-</del>	Internal Diame 4.052		2600		Perforations 2585		то 2593			
Tubing Size Weight 2.375 4.70					Internal Diam 2.000		2599		Perforations		То		
Type Completion (Describe) Single - Gas					Type Fluid Production Water			Pump					
Producing Thru (Annulus / Tubing)					% C	Carbon Diox	ride		% Nitroge	en	Gas Gı	ravity - G	Q
/ertical D	epth(H)	)				Pre	ssure Taps				(Meter	Run) (Pro	over) Size
Pressure	Buildup	: Shu	t in	1-22	0 <u>4</u> at_	8:00	(AM)(PM)	Taken	4-	3_20/	4 <sub>at</sub> 8.	00 (4	(PM)
Well on Li	ne:	Star	ted	2	0 at	_	(AM) (PM)	Taken		20 _	at	(#	AM) (PM)
	i		-			OBSERVI	ED SURFACE	DATA	<u>_</u>	D	uration of Shut-	-in 2	Hours .
Static / Dynamic Property	Orific Size (inche:	ze Prover Pressu			Flowing Temperature t	Well Head Temperature t		Pressure	Wellhea	ubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Produced arrels)
Shut-In	.75	_	osig (Pm)	Inches H <sub>2</sub> 0	-		psig	psia / G	psig	psia	24.		
Flow								<del>/</del>		1.	1		
						FLOW ST	REAM ATTRI	BUTES		<u></u>		I	
Plate Coeffieck (F <sub>e</sub> ) (F <sub>p</sub> Mcfd		Gitch one: Meter or Prover Pressure psla		Press Extension P <sub>m</sub> xh	Grav Fact F <sub>c</sub>	tor	Temperature F		riation Metered Flow sctor R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
) \2 _			, (D.)2-	<del></del>	•	OW) (DELIV	VERABILITY)					<sup>2</sup> = 0.20	7 ~
(P <sub>c</sub> ) <sup>2</sup> =				ess formula 1 or 2:		% (P <sub>c</sub> -		; - 14.4) +		<del>`</del> _	(P <sub>d</sub> )		
(P <sub>c</sub> ) <sup>2</sup> - (P or (P <sub>c</sub> ) <sup>2</sup> - (P	) <sup>2</sup>	(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		1. P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> -P <sub>d</sub> <sup>2</sup> sed by: P <sub>c</sub> <sup>2</sup> -P <sub>a</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by:	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Slope		nxL	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	_				-				-				
pen Flow		<u> </u>		Mcfd @ 14.65 psia		Deliverabi		lity		Mcfd @ 14.65		l psia	
The u	ndersia	ned an	hority, on h	-	•	tates that i			o make th	e aklove report			edge of
			-	report is true			-	Ц	day of	llugu.	t		4.
		_	Witness (if an	y)			_		jan	For Con	yyuu nbany	7	
	<del>.</del>		For Commission	on .	<u>-</u>		_		<u> </u>	Checke	d by	VRI	CEIVED
											KANSA	S CORP	RATION COMM

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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 Braddock #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: $8-4-14$
Signature: Auce Riple.  Title: Repoduction 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.