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

Type les	ST:				(See Instru	ctions on Re	everse Side	9)	•			
=	pen Flow			Test Dat	e:			API N	No. 15	• •		
	eliverabilty —	v=		Test Dat  -6-/	7	•		15-0	71-2011	2 0000		
Company Horseshoe Operating, Inc.				· · · · · · · · · · · · · · · · · · ·	Lease Wear					B-1	Well Number	
	Greeley C SW		Section 25		TWP 17S		RNG (E/W) 40W			Acres 640	Attributed	
Field Bradshaw			L. Win	Reservoir L. Winfield, U. Ft. Riley			Gas Gathering Connection DCP Midstream					
Completion Date 1/75			Plug Bad 3023	k Total De	oth	Packer Set a None		t at				
.5				Internal Diameter 3.995		Set at 3023		Perforations 2941-2962		то 2978-2 <b>9</b> 92		
.375			Internal Diameter 1.995		Set at <b>2988</b>		Perforations		То			
Type Completion (Describe) Single Gas			Type Flui Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Yes				
Producing Thru (Annulus / Tubing)			% (	% Carbon Dioxide			% Nitrogen		Gas Gravity - G			
ertical D 026	epth(H)	<del></del>			Pres	ssure Taps			<u>- ''- </u>	(Meter	Run) (F	Prover) Size
	Buildup:	Shut in	<u>5</u> 2	20 <u>   </u> at _	0:00	. ((AM) (PM)	Taken	1-6	20	11 at 10:1	20	(AM) (PM)
ell on L	ine:	Started	2	0 at						at		(AM) (PM)
<del></del> -,				,	OBSERVE	D SURFAC	E DATA		<del></del>	Duration of Shut	-inc	24 Hours
Static / ynamic roperty	Orlfice Size (inches)	Citcle one:  Mater Prover Pressure		Flowing Temperature t	Well Head Temperature t	Casing Wellhead 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>1</sub> ) or (P <sub>4</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	1.00	psig (Pm)	inches H <sub>2</sub> 0			psig psia		paig	psia 24			
Flow	7,00						20			84	+-	
			1	<u></u>	FLOW ST	REAM ATTR	RIBUTES	<u> </u>	<u>                                     </u>	<u> </u>		
Plate Coeffiech (F <sub>k</sub> ) (F <sub>d</sub> Mcfd				Gravity Factor F <sub>e</sub>		Flowing Temperature Factor F <sub>11</sub>		viation Metered Flow ector R F <sub>pv</sub> (Mcfd)		W GOR (Cubic Feat/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>
)2 =	: <u>.</u>	(P <sub>w</sub> )² ≂	:	(OPEN FLO		'ERABILITY % (F	') CALCUL. P <sub>e</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	) <sup>2</sup> = 0.2	?0 <b>7</b>
(P <sub>a</sub> ) <sup>2</sup> - (P or (P <sub>a</sub> ) <sup>2</sup> - (P	- 1	2 (P <sub>e</sub> )3 - (P <sub>m</sub> )2		per formula 1 or 2:    P   P   P   E      P   P   P   P      P   P   P   P		Backpressure Slope =		n x LO	g [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
					<del></del>	<u> </u>		_		· <del>-</del> -	<del> </del>	
en Flow	1		Mcfd @ 14.6	55 psia	<del></del> :	Deliverab	oility			Mcfd @ 14.65 ps	 la	
		authority, on b					$\alpha$	make the		rt and that he ha		ledge of
		Witness (if any	0			-		Janic	e K	ipley	- <del>(</del> E	CONVENTED
		For Commission	n	· <u> </u>		_		···- <u>-</u>	Chec	ked by	-M	<u> </u>
											KC	C WICH

exempt status un	der Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	going pressure information and statements contained on this application form are true and
	t of my knowledge and belief based upon available production summaries and lease records
	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Wear B-1
gas well on the gi	ounds that said well:
(Check	one)
	is a coalbed methane producer
一	is cycled on plunger lift due to water
$\Box$	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.
$\overline{\mathbf{Y}}$	is not capable of producing at a daily rate in excess of 250 mcf/D
_	e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: <u>5/9//</u>	· 
	•
	Signature: <u>Janice Ripley</u> Title: <u>Production</u> Assistant
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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.