KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(·	See Instruct	ions on Reve	rse Side	•}			
□ Ор	en Flo	w			_Test Date	, .			APi	ی No. 15	_	
De	liverab	ilty			3-9-1	7				-20662 - (200 <i>0</i>	
Company Horseshoe Operating, Inc.					Lease King L					2	Well Number	
County Location Greeley C NW			Section 21		TWP 20S		RNG (E/W) 40W		,	Acres Attributed		
Field					Reservoir Winfield			Gas Gathering Connection DCP Midstream				
•				Plug Back 2814'	Plug Back Total Depth 2814'				et at			
Casing Size Weight 4.5 11.6				Internal 6 4.000	Dlameter	Set at 2802				то 2803'		
			Weight		Internal C 1.995	Internal Diameter 1.995		Set at 2805'		Perforations		
				Type Fluid Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump Unit - Rod			
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Grav								avity - G _g				
Annulus							<u>-</u>				(),1-4	
Flange 2"								Run) (Prover) Size				
Pressure	Buildu			<u>3-8</u> 2			(AM) (PM) 1				11 at 9:4	<u> </u>
Well on L	ine:		Started	2	0 at		(AM) (PM) T	aken		20	at	(AM) (PM)
						OBSERVE	D SURFACE	DATA	,		Duration of Shut-	in_24_Hours
Static / Orifice Dynamic Size Property (inches)		· •	Circle one: Meter Prover Pressui psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature t t		(P _w) or (P ₁) or (P ₂)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.7	5	pag (mi)	inches H ₂ O			psig	/20	psig	psia	24	
Flow												
						FLOW STR	EAM ATTRIE	BUTES	Т		··· [·	
Plate Coeffictient (F _b) (F _p) Mcfd		Gircle one: Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fact F _q	tor	Flowing Deviati Temperature Factor F_{r_t} F_{r_t}		ctor	Metered Flow Fl (Mcfd)	(Cubic Fe Barrel)	I ∩omide i
								<u> </u>				
(P _c) ² =		_:	(P _w)² =	:	(OPEN FLO		ERABILITY) % (P	CALCUL - 14.4) +		:	(P _a) (P _d)	² = 0.207 ² =
(P _a) ² - (P _a) ² or (P _a) ² - (P _d) ²		(P _c) ² - (P _w) ²		1. P _c ² - P _s ² 2. P _c ² - P _s ² svided by: P _c ² - P _s ²	LOG of formula 1. or 2. and divide	P2-P2	Backpressure Cun Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
			_		-							
Open Flow Mcf			Mcfd @ 14.	d @ 14.65 psia			Deliverability			Mcfd @ 14.65 psi	L	
<u>-</u>		igne	d authority, on			states that h		. -	o make th		rt and that he ha	
the facts s	tated t	here	in, and that sa	d report is true	and correct	t. Executed	this the	<u>y</u>	day of(June	· //.	, 20 //
			Witness (if	any)			_	-	anic	E KY	DUY Company	RECEIVED JUN 1 0 2011
	·····		For Commi	saion			_		-	Chec	cked by	JUN 1 0 2011

KCC WICHITA

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 theKing L #2
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: 6-8-11
Signature: Janiel Ripley 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.