KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Re	verse Sid	te)					
☐ Op	en Flov	,			Toet Date	••			ADI	No. 15				
De De	liverabi	ty		/	Test Date -20-/	<i>†</i> /		j		No. 15 -20646 <i>– (</i>	∞			
Company		erati	ng, Inc.		<u> </u>	<u></u>	Lease Sibyl	<u> </u>	· · · · · · · · · · · · · · · · · · ·		1	Well No	umber	
County Greeley	County Location			Section 19		TWP 19S			NG (E/W) DW		Acres Attributed			
Field Bradsha	w				Reservoi Winfield					nering Conn idstream				
Completion Date 5-21-96				Plug Bac 2845'	k Total Dep	th		Packer S	et at					
			Weight 11.6		Internal Diameter 4.000		Set at 2854'		Perforations 2822'		то 2828'			
Tubing Size 2-3/8"			Weight		Internal D		Diameter Set at 2842'		Perforations 2832'		то 2842 '			
Type Con Single -		(De	scribe)		Type Flui Water	d Productio	n		Pump Un	it or Traveling	Plunger? Yes	/ No		
	Thru	(Ann	ulus / Tubing)		% C	Carbon Diox	ide	•••	% Nitrog	en	Gas G	ravity -	G _g	
Vertical D)	;			Pres	sure Taps				reteM)	Run) (F	Prover) Size	
Pressure	Buildup	ı: S	Shut in	-/9 20	77 at 2	8:30	(AM) (PM)	Taken_	1-20) 20	// at 8:3	30 ((AM) (PM)	
Well on L	ine:	8	Started	20) at		(AM) (PM)	Taken_	-	20	at	·	(AM) (PM)	
						OBSERVE	D SURFAC				Duration of Shu	t-in	24 Hours	
Static / Dynamic Property	Orific Size (Inche	Meler Prover Pressi		Pressure Differentlat In Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P _w) or (P _i) or (P _c) psig psia		ubing ad Pressure (P ₁) or (P ₆)	Ouration (Hours)		Liquid Produced (Barrels)	
Shut-in	.50	2						70	psig		24			
Flow						<u> </u>								
			I			FLOW ST	REAM ATTR	IBUTES						
Plate Coeffictient (F _b) (F _p) Mcfd		. Circle one: Meter or Prover Prossure psia		Press Extension	Grav Fac F	tor	Flowing Temperature Factor F _{tt}		Deviation Metered Financial R Factor R (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _{er}	
Ĺ. <u>.</u>														
(P _a) ² ==		_:	(P _w) ² =	:	(OPEN FL	• •	/ERABILITY % (F	5'	LATIONS + 14.4 = <u>;</u>	:) ² = 0.2) ² =	207	
(P _a) ² - (P _a) ² or (P _a) ² - (P _d) ²		(P _a) ² - (P _a) ²		2. $P_{e}^{2} - P_{d}^{2}$ ded by: $P_{e}^{2} - P_{d}^{2}$	LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope ≈ "n" or Assigned Standard Slope		انده	.og []	Antilog	De	Open Flow Deliverability Equals R x Anillog (Mcfd)	
Open Flow				Mcfd @ 14.6	35 psia	5 psia		Deliverability		Mcfd		d @ 14.65 psia		
			authority, on t				•	uthorized	to make th	e above repo	ort and that he h	as knov	vledge of	
			Witness (If an				-)anic	e Ry	elly	R	ECEIVE D	
			For Commissi	on			-			Che	cked by	M	AY 1 2 20°	

	· · · · · · · · · · · · · · · · · · ·
I de	clare 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.
	t the foregoing pressure information and statements contained on this application form are true and
correct t	to the best of my knowledge and belief based upon available production summaries and lease records
- •	ment installation and/or upon type of completion or upon use being made of the gas well herein named. reby request a one-year exemption from open flow testing for the Sibyl
	on the grounds that said well:
Jas Well	or 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 furi	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as ı	necessary to corroborate this claim for exemption from testing.
Date:	<i>5/9/11</i>
	Signature: Janice 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 catendar year, wellhead shut-in pressure shall have been measured after a minimum of 24 hours shut-in/bulldup 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.