KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	t:					(See Instruct	tions on Re	verse Side	e)				
Op	en Flov	1			Toot Det	a·			A Di	No. 15 ′			
De	liverabi	ty			Test Date	1-12		•		. 15 -20821-00-0	0		
Company Horsesh		erating,	Inc.				Lease Sell A	· · · · · · · · · · · · · · · · · · ·		······································	2-3	Well Nu	mber
County Greeley	:-	(Location C SW	1	Section 3		TWP 19S		RNG (E/\ 40W	W)		Acres A	Attributed
Field Bradsha	w				Reservoi Winfield				Gas Gath	nering Conne idstream	ection		
Completion 7/21/05	on Date)			Plug Bac 2898'	k Total Dept	h	,	Packer S	et at	· ,		
Casing S 4.5	ize	, ,	Weight 10.5		Internal I	Diameter	Set a 292		Perfor 2862		то 2902'		
Tubing Si 2-3/8	ize		Weight 4.7		Internal (1.995	Diameter	Set a 290		Perfor	ations	То		
Type Con Single	npletion	(Describ	e)		Type Flui Water	d Production	1			it or Traveling Unit - Rod	Plunger? Yes	/ No	
		(Annulus	/ Tubing)		% (Carbon Dioxid	de	-	% Nitroge	en	Gas G	ravity - (à _g
Annulus					·		···			<u> </u>			-
Vertical D	Pepth(H)					Flan					2"		rover) Size
Pressure	Buildup	: Shuti	n <u>5</u>	21 2	0/2 at /	2:21	(AM) (AM)	Taken	5-20	220	12at 12:	29	(AM) (M)
Well on L	ine:	Starte	d	20	D at		(AM) (PM)	Taken	•	20	at	((AM) (PM)
* * * **.		*		 	. :	OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_ <i>a</i>	4 Hours
Static / Dynamic Property	Orific Size (inche	e Prove	rcle one: Meter er Pressure		Flowing Temperature t	Well Head Temperature t	Cas Wellhead (P _w) or (P	Pressure	Wellhea	ubing d Pressure (P,) or (P _c)	Duration (Hours)		d Produced Barrels)
Shut-In		ps ps	ig (Pm)	Inches H ₂ 0			56	psia	psig	psia	24		
Flow													
						FLOW STR	EAM ATTR	IBUTES					
Plate Coeffiect (F _b) (F Mcfd	ient _p)	Circle o Meter Prover Pre psia	or essure	Press Extension ✓ P _m x h	Grav Fac	tor T	Flowing emperature Factor F ₁₁	Fa	riation actor = pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
				```						·	<u> </u>		
(P _c ) ² =		.:	(P _w ) ² =	:	(OPEN FLO	OW) (DELIVI	•	CALCUL 2 - 14.4) +		<u></u> :	(P _a )	² = 0.2	07
(P _c ) ² - (F or (P _c ) ² - (F	1	(P _c )² - (F	)²	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide by:	P _c ² - P _w ²	Slop As:	ssure Curve be = "n" or signed ard Slope	n x L	og 📗	Antilog	Deli Equals	en Flow verability R x Antilog (Mcfd)
····		<del></del>											
Open Flor	<u> </u>			Mcfd @ 14.6	55 psia	·	Deliverab	ility			/lcfd @ 14.65 ps	ia	
The u	undersig	ned auth	ority, on l	pehalf of the	Company, s	tates that he	e is duly au	thorized to	o make the	above repor	t and that he ha	ıs knowl	edge of
ne facts st	tated th	erein, and	I that said	report is true	and correc	t. Executed	this the	9	day of	July	) · 10	RÍ	CEIVE
			Witness (if ar	ıy)		·	-		Jan	For Co	inputy of	JU	. 13 20
#1240.2000	·		For Commiss	on			-		·	Check	ed by	KCC	MICHI

H	are under penalty of perjury under the laws of the state of Kansas that I am authorized to request atus under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that t correct to of equipm	the foregoing pressure information and statements contained on this application form are true and the best of my knowledge and belief based upon available production summaries and lease records ent installation and/or upon type of completion or upon use being made of the gas well herein named. by request a one-year exemption from open flow testing for the Sell A 2-3
gas well o	(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 er agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as ne	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

## 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.