KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:		0.11	,	(See Instruc	tions on Re	verse Side	9) 15	5-07/-	-207/	0-0/0C)
Open Delive	Flow erabilty			Test Date					No. 15 - 20137			
Company Horseshoe	Opera	ting, inc.		<u>05_10</u>		Lease Pringle			<u> </u>	A-2	Well Number	-
County		Location C SW	n	Section 25		TWP 18S	-	RNG (E/	w) .		Acres Attribu 640	ted
Greeley C SW		<u></u>	Reservoir		103	G		Gas Gathering Connection			-	
Bradshaw Comptetion Date			L. Winfie	eld k Total Depi			DCP N	lidstream	1			
3-15-00	Date ,			2954	K IOIAI Depi							
		Weight 10.5	tnternat D 4.052		Diameter		Set at 2999		rations 3	то 2890		
Tubing Size Weight 2-3/8 4.7			Internal Diameter 1.995		Set at 2920		Perforations		То			
Type Completion (Describe) Single Gas				d Production		Pump Unit or Traveling Pump - Rod		g Plunger? Yes / No				
Producing T		nulus / Tubing)			arbon Dloxi	de		% Nitrog		Gas G	iravity - G _g	
Annulus Vertical Dep	th(H)	<u></u>			Pres. Flan	sure Taps				(Meter	Run) (Prover)	Size
<u> </u>			7-9 20	at		(AN) (PM)	Token	2-1	10 20	11 at 8:0	00 (AN) (I	
Pressure Bu Well on Line		J.,	•		•					at	_	
					OBSEDIE	D SIIDEACI	E DATA	<u>_</u>		Duration of Shu	t-in 24	Ноцга
Dynamic	Orifice Size inches)	Circle one: Metar Prover Pressui	Pressure Differential in Inches H_0	ure Flowing Weti I ntial Temperature Tempe		Wellhead Pressure $(P_w) \propto (P_i) \propto (P_o)$		Tubing Wellhead Pressure (P _w) or (P _t) or (P _e)		Duration (Hours)	Liquid Produ	uid Produced (Barrels)
Shut-In	_	psig (Pm)	112.103 1120			psig	49	psig	psii	24		
Flow							 -	<u></u>				
		Circle one:		Т	FLOW STR	Flowing					Elev	wing
Plate Coefficcien (F _b) (F _p) Mcfd		Meter or over Pressure psia	Press Extension	Grav Fac F	tor	Temperature Factor F ₁	Fe	riation actor F	Metered Flow R (McId)	GOR (Cubic F Barre	eet/ Fig.	wing uid avity 3 _m
			•			·						
				•		ERABILITY)2 = 0.207	
(P₀)² =	 :	(P _w) ² =_	Choose formula 1 or 2:	P _a =		т	ssure Curve			(F,) ² =	<u>-</u>
(P _a) ² - (P _a) or (P _a) ² - (P _a)		P _a)z- (P _a)z	1. P. 2 - P. 2 2. P. 2 - P. 2 Midded by: P. 2 - P. 2	LOG of formula 1. or 2. and divide by:	P.2 - P.2	Slop	pe = "n" - or signed ard Slope	- nx1	rog	Antilog	Open Flo Deliverabi Equals R x / (Mcfd)	ility Antilog
0 5	Flow McId @ 14.65		R5 neia	5 psia Deliverability		nility	Mcfd (Mcfd @ 14.65 p	② 14.65 psia		
Open Flow The un	dersigne	ed authority, or			states that h			to make ti		rt and that he i	-	of
	_		id report is true				24_	day of	May		, 20	<u></u> .
		Witness (il	any)				- Gar	nice	Kipl	ey_	RECEIV	ÆD.
		For Comm	ssion			-			Che	cked by	MAY 2 7	_20'

	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	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
	nent installation and/or upon type of completion or upon use being made of the gas well herein named.
	eby request a one-year exemption from open flow testing for the Pringle A-2
gas well	on the grounds that said well:
ı	(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
l furti	her agree to supply to the best of my ability any and all supporting documents deemed by Commission
staff as n	ecessary to corroborate this claim for exemption from testing.
Date:	5-24-11
	·
	Signature: <u>Production Assistant</u>

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.