KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:			6	See Instruct	tions on Rev	verse Side	e)				
Open Flow			Test Date	: - 3				No. 15 2017	16-0100		
Company			2-1-1	<u> </u>	Lease Pringle					Well Num	ber
Horseshoe Ope County	erating, inc. Locat	ion	Section		TWP		RNG (EA	N)		Acres Att	ributed
Greeley	C SW		25		18S	<u></u>	40W	····		340	
Field Bradshaw			Reservoir L. Winfie					ering Connec idstream	tion	···	
Completion Date)		Plug Back 2954	k Total Dep	th		Packer S	et at			
3-15-00 Casing Size	Weigi	ht	Internal [Diameter	Set a	at	Perfor	ations	То		
4.5	10.5		4.052		2999	9	2883	3	2890		
Tubing Size 2-3/8	Weigi 4.7	ht	Internal E 1.995	Diameter	Set a 292			ations	То		
Type Completion Single Gas	(Describe)		Type Flui Water	d Productio	n		Pump Un Pump	it or Traveling I - Rod	Plunger? Yes	/ No	
	(Annulus / Tubir	ng)	% C	Carbon Diox	ide		% Nitrogo	en	Gas Gr	avity - G	ı
Vertical Depth(H)			Pres F ia n	sure Taps				2"	•	ver) Size
Pressure Buildup	p: Shut in	2-6 2	√3 at_		(AM) (PM)	Taken	2	-7 20 /	3 at 8,1	00 ((PM)
Well on Line:	Started	2	0 at		(AM) (PM)	Taken		20	at	(A	M) (PM)
 ;	<u>. </u>			OBSERVE	ED SURFAC	E DATA			Ouration of Shut-	in 2	4_Hours
Static / Orific	Meter	Differential	Flowing Temperature	Well Head	Ca: Wellhead	sing I Pressure	Wellhe	ubing ad Pressure	Duration (Hours)	1 '	Produced arrels)
Property (inche	i Prover Press		t	t	psig	psia	psig	psia	24	- ,-	
Shut-In		<u> </u>		!	142	ļ	<u> </u>	<u> </u>	97	 	
Flow				<u> </u>	<u> </u>	<u> </u>				<u>. </u>	
			<u>r</u>	FLOW ST	REAM ATTE	RIBUTES					
Plate Coeffiecient (F _b) (F _p) Mcfd	efficient Meter or Extens) racio		Flowing Temperature Factor F ₁₁		Deviation Metered Fig. Factor R (Mcfd)		GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
											_
L			•		VERABILITY			•) ² = 0.20)7
(P _c) ² =	_ : (P _w)²	Choose formula 1 or 2	P _a =	= =		P _c - 14.4)	1	: :	(P _g ,	T	 -
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_g)^2$	(P _o) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ² divided by: P _c ² -P _g	LOG of formula 1. or 2. and divide	b°s-b°s	Šk	essure Curv ppe = "n" or ssigned dard Slope	nх	LOG	Antilog	Deli Equals	en Flow verability R x Antilog Mcfd)
Open Flow		Mcfd @ 14	.65 psia	•	Delivera	bility			Mcfd @ 14.65 ps	sia	
	igned authority,		· · · · · · · · · · · · · · · · · · ·	states that	he is duly a		to make t	he above repo	rt and that he h	as know	edge of
he facts stated t	herein, and that	said report is tru	e and corre	ct. Execute	d this the	12	_ day of	Jun	Pila	1 2	<u>20</u> .
	Witness	s (if any)					Ja	nice	Tiples	ec v	VICHIT
	Far Con	nmission			•		U	Ched	ked by	IUN 1	9 2013
										REC	EIVED

	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.
	he 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.
l here	by request a one-year exemption from open flow testing for the Pringle A-2
gas well c	n 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
l furth	er agree to supply to the best of my ability any and all supporting documents deemed by Commission
	ecessary to corroborate this claim for exemption from testing.
staff as ne	
	2-12-13
	6-12-13
	0-12-13
	10-12-13
	Signature: Janice Ripley

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.