KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			•	(See Instruct	tions on Revo	erse Side	" 15-	071-20	10-01FC	-0C)	
Op	en Flo	w			Test Date	٠.			.0					
De	liverab	ilty			3-9-	12								
Company		era	ting, inc.				Lease Pringle				A-2	Well No	umber	
County Location Greeley C SW			Section 25		TWP 18S		RNG (E/W) 40W		_ · · ·	Acres A	Attributed			
Field				Reservoir L. Winfield			Gas Gathering Connection DCP Midstream			-				
Completic 3-15-00	on Dat	е	· · · · · · · · · · · · · · · · · · ·		Plug Bac 2954	k Total Dept	th	· · · · · · · · · · · · · · · · · · ·	Packer S	et at				
Casing Size 4.5			Weigh 10.5	nt	Internal Diameter 4.052		Set at 2999		Perforations 2883		то 2890			
Tubing Size 2-3/8			Weigh	nt	Internal Dia 1.995		eter Set at 2920		Perforations		То	То		
Type Completion (Describe) Single Gas				Type Fluid Production			Pump Unit or Traveling Plunger? Yes / No Pump - Rod							
-		(Ant	nulus / Tubin	a)		arbon Dioxi	de		% Nitrog		Gas G	ravity - (G.	
Annulus	_	(,		J,					_			_	•	
Vertical D	Depth(F	1)				Press Flan	sure Taps Q 0			•	(Meter 2"	Run) (P	rover) Size	
Pressure	Buildu	p :	Shut in	2-8 2	0/2 at_		(AM) (PM)	Taken	2-0	20.	12 _{at} 8;	00	(AM) (PM)	
Well on L	.ine:	;	Started	2	0 at		(AM) (PM)	ľaken	 	20	at		(AM) (PM)	
						OBSERVE	D SURFACE		T		Duration of Shut	-in	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Well Head Temperature Temperatu		(P _w) or (P _t) or (P _o)		Tubing Walihead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			psig (riii)	menes 11 ₂ 0			40	psia	palg	psta	24			
Flow														
						FLOW STR	EAM ATTRI	BUTES						
Plate Coefficcient (F _p) (F _p) Mcfd		Pro	Circle one: Meter or over Pressure psla	Press Extension ✓ P _m ×h	Extension Fact		* Tompomture		fation ector	Metered Flow R (Mcfd)	GOR (Cubic Fo		Flowing Fluid Gravity G _m	
								<u> </u>						
(P _c) ² =		:	(P _w) ² =	:;	(OPEN FLO		ERABILITY) % (P.	CALCUL - 14.4) +		:	(P _a) (P _d))² = 0.2)² =	207	
(P _e) ² - (I	·	(F)2- (P _w)2	Choose formula 1 or 2 1. P _e - P _e 2. P _e - P _d divided by: P _e - P _e	LOG of formula 1. or 2. and divide	P2-P2	Assi	sure Curve = "n" or gned rd Slope	n v i	.og [Antilog	Del Equals	pen Flow liverability s R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.	65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia		
		-		n behalf of the			,	1/_	o make th	above repo	rt and that he h		redge of 20 12.	
						RECEIV		$\overline{}$	nice	Ris	elles	,		
			Witness (APR 1-8	_•	U		Fd / C	company /			
			For Comm	rission	U	111 1 0	PAIX			Chec	cked by			

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exempt status und and that the foreg correct to the best of equipment insta I hereby reque	er penalty of perjury under the laws of the state of Kansas that I am authorized to request the Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. going pressure information and statements contained on this application form are true and the of my knowledge and belief based upon available production summaries and lease records allation and/or upon type of completion or upon use being made of the gas well herein named. est a one-year exemption from open flow testing for the Pringle A-2
gas well on the gr	ounds 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
<u></u> ✓	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
_	e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
Date: //////	
	Signature: <u>Janice Ripley</u> Title: <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 1S 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.