KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:

Open Flow	v				,		•				
_ :	Deliverability Jest Date: 4-3-/4						API 15-	No. 15 071-20098	3-0000		
Company Horseshoe C	perating, Inc).	<u>, , , , , , , , , , , , , , , , , , , </u>		Lease Clift				"A" 1	Well Number	
County Greeley	Location		Section 33				RNG (E/W) 40W			Acres Attributed 640	
Field Bradshaw			Reservoi Winfiel					ering Conne		_5	
Completion Date 1/1976	,		Plug Bac 2923	k Total Dept	h		Packer S None	et at			
Casing Size 4.5	sing Size Weight 5 10.5		Internal Diameter 4.09		Set at 2950		Perforations 2882		To 2899		
Tubing Size 2.375			Internal Diameter 1.995		Set at 2904		Perforations		То	То	
Type Completion Single Gas	(Describe)		Type Flui Water	d Production	1	-	Pump Un Yes	it or Traveling	Plunger? Yes	/ No	
Producing Thru (Annulus	(Annulus / Tubing)	% C	Carbon Dioxid	de		% Nitroge	en	Gas G	ravity - G	
Vertical Depth(H)	1	<u> </u>	3	Press	sure Taps				(Meter	Run) (Prover) Size	
2900 Pressure Buildup	: Shutin	4-2 2	0/4 at	8:00	(M)(PM)	Taken	4-	3 201	14 at 8,	00 (ÁM) (PM)	
Welf on Line:					_				at	_	
	- , -	-	 	OBSERVE	D SURFACE				Duration of Shut	in 24 years	
Static / Orific	Circle one:	Pressure	Flowing	Well Head	Casir	ng		ubing		T	
Dynamic Size Property (inche	Prover Pressu	re In Inches H ₀ 0	Temperature t	Temperature t	Wellhead F (P _w) or (P ₁ psig			od Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In .15		2			paig _	78	poig	hara	24		
Flow				<u></u>						<u></u>	
			1	FLOW STR	EAM ATTRI	BUTES			· ·		
Plate Coeffieclent (F _b) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension P _m xh	Grav Fact F _g	or T	Flowing emperature Factor F _{II}	· Fac	ation etor	Metered Flow R (Mcfd)	GOR (Cubic Fo Barrel	Genuine	
								,			
P _c) ² =	: (P_) ² =		(OPEN FLO		ERABILITY)	CALCUL - 14.4) +			(P _a) ² = 0,207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	(P _c) ² -(P _w) ²	1. P ₂ - P ₂ 2. P ₂ - P ₂	LOG of formula 1, or 2. and divide	P _c ² - P _y ²	Backpres Slope Ass	sure Curve e = "n" or ligned ard Slope	. n x 1	oe [Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	- 	divided by: Pc2 - Pw2	by:	<u>-</u>	- Otenda	- Diopo				,,	
			†						·		
pen Flow Mcfd @ 14.65 psla					Deliverability Mcfd @ 14.65 psia						
The undersig						5	o make the day of _L	lpril	nt and that he h	as knowledge of	
•	Witness (if	any)	ı		-	. /	ju ju		ompany /	<u> </u>	
						•				_	

exempt status un and that the fore	der penalty of perjury under the laws of the state of Kansas that I am authorized to request der 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 it of my knowledge and belief based upon available production summaries and lease records
of equipment inst	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 Clift A-1
gas well on the g	rounds that said well:
	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 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: <u>4-/5-/</u>	
	Signature: <u>Janual Riply</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 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.