KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test: Open Flow		(See Instruc	tions on Reverse Sid	e)		
Deliverability		Jest Date:	•	API No. 15 071-20177-00-	00	
Company Horseshoe Operating, Ir	nc. ,	100/11	Lease Hoffman	<u>·</u>	1	Well Number
•	Location . SE SW	Section 24	TWP 18S	RNG (E/W) 40W		Acres Attributed
Fletd Bradshaw	·	Reservoir Winfield		Gas Gathering Conn	ection	
Completion Date 0/17/79		Plug Back Total Dept 2890'	lh	Packer Set at 2868'-2882'	 	.,
Casing Size	Weight 10.5	Internal Diameter 4.052	Set at 2912	Perforations	То	
ubing Size		Internal Diameter 2.000	Set at 2785'	Perforations	То	
/pe Completion (Describe)		Type Fluid Production Water		Pump Unit or Traveling Pump Unit - Rod		/ No
roducing Thru (Annulus /	Tubing)	% Carbon Dioxid	de	% Nitrogen		ravity - G _g
ertical Depth(H)		Press Flang	sure Taps	<u></u>	(Meter	Run) (Prover) Size
ressure Bulldup: Shut in	1/25 201			7/26 20	-	5 (AM) (PM)
	20	``		20		
		OBSERVE	D SURFACE DATA	· · ·	Duration of Shut-	in_24Hour
namic Size Me	LINITATATINI I	Flowing Welt Head mperature t	Casing Wellhead Pressure $(P_w) \text{ or } (P_i) \text{ or } (P_o)$	Tubing Welihead Pressure (P,) or (P,) or (Pc)	Ouration (Hours)	Liquid Produced (Barrels)
hur-in .375	, , , , , , , , , , , , , , , , , , , ,		psig psia	psig psia	24	
Flow						
Plate Circle one:		FLOW STRI	EAM ATTRIBUTES			
Coefficient (F _b) (F _c) Prover Press Mcfd psia	Extension	Gravity Factor F	Flowing Devi	tor R	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G _m
		PEN FLOW) (DELIVE	PARILITY) CALCUL	TIONS		
°=: (P	:	P _a =%			(P _a)፣ (P _a)፣	!= 0.207 !=
$(P_a)^2 - (P_a)^2$ $(P_a)^2 - (P_a)^2$	2. P2. P2	LOG of formula 1. or 2. and divide p 2. p 2 by:	Backpressure Curve Slope = "n"or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog . (Mcfd)
en Flow	Mcfd @ 14.65 p	sia	Dellverability		Icfd @ 14.65 psia	
The undersigned authorit	y, on behalf of the Corr	npany, states that he	is duly authorized to			
Saffa-	ess (il eny)		_Qa	nice Repl	lez	RECEIV
	ommission	·····		For Cor	mpasty .	AUG 1.2

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt status und	er Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc. 147 3
and that the foreg	oing 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
	llation and/or upon type of completion or upon use being made of the gas well herein named.
I hereby reque	st a one-year exemption from open flow testing for the Hoffman #1
gas well on the gro	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
	is on vacuum at the present time; KCC approval Docket No.
\checkmark	is not capable of producing at a daily rate in excess of 250 mcf/D
I further agree	to supply to the best of my ability any and all supporting documents deemed by Commission
staff as necessary	to corroborate this claim for exemption from testing.
Date: 8/9//	<u>'/ </u>
/ /	
	•
	Signature: Janice Ripley
	Title: Production Assistant

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.