KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:				(See Instruc	ctions on Rev	verse Sid	(e)			
	pen Flov eliverabi			Test Da	te: -/3				Pl No. 15 5 -075-2073	3-00-00	
Compan		perating,	inc.	,	<u> </u>	Lease Lois	•			1	Well Number
County Location Hamilton S/2 NE			Section 10		TWP 22S		RNG (E/W) . 40W		Acres Attributed 480		
Field Bradsh	naw	4. 3.3		Reservo Winfie					athering Conn Midstream		
Complete 10/14/2		•		Plug Bai 2783 (ck Total Dep (TD)	oth		Packer	Set at		
Casing Size Weight 4.5 10.5			Internal Diameter 4.052		Set at 2793		Perforations 2747		то 275 5		
Tubing S 2.375	Tubing Size Weight 2.375 4.70			Internal Diameter 2.000		Set at 2669		Perforations		То	
Type Cor Single		(Describe)		Type Flu Water	id Productio			Pump U	Init or Traveling	Plunger? Yes	/ No
۸	g Thru (Annulus / Tul	ping)	% (Carbon Dioxi	ide		% Nitro		Gas Gr	avity - G _p
Vertical D						sure Taps		<u></u> -		(Meter	Run) (Prover) Size
Pressure	Buildup:	: Shut in	7-17	20 <u>/3</u> at_	1:00	ange (AM) (PM)	Taken	7-/	18 20	13 at 1.00	(AM) (FM)
Well on L	ine:	Started		•				•		•	·····
					OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24 Hours
Static / Dynamic Property	Orifice Size (inches	Prover Pre	Differential in	Flowing Temperature t	Well Head Temperature t	(P _w) or (P ₁)	ressure) or (P _c)	Wellho	Tubing ead Pressure or (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)
Shut-In	.500)	2			80	psia	psig.	psia	24	
Flow											
···					FLOW STR	EAM ATTRIE	BUTES		r	T	
Plate Coeffieci (F _b) (F _a Mcfd	ent	Citcle one: Meter or Prover Pressure psia	Press Extension	Grav Fact	tor T	Flowing emperature Factor F _{II}	Fa	lation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe- Barrel)	Flowing Fluid Gravity G _m
				(005) 5: 4							
(P _c) ² =		(P _w) ²	'=:	OPEN FLO		ERABILITY) 6 (P _c	- 14.4) +		· :	(P _a) ² (P _a) ²	2 = 0.207 2 =
(P _c) ² - (P or (P _c) ² - (P	_	(P _c) ² - (P _w) ²	1. P _c ² -P _a ² 2. P _c ² -P _d ² divided by: P _c ² -P _w ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpress Slope 	: == "п" or gned	пх	rod	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)
				-				-			
Open Flow	<u></u>		Mcfd @ 14.	65 osia	·	Deliverabili	tv			Mcfd @ 14.65 psia	
The ur	ndersign	ed authority,	on behalf of the	<u> </u>	lates that he			make ti			
			said report is true				15	day of	Octob	inler	
•		Witness	(if any)						For	ombany	
		For Corr	nmission						Check	ked by	

l declare un	der penalty of perjury under the laws of the state of Kansas that I am authorized to reques
	nder Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	egoing pressure information and statements contained on this application form are true and
	st of my knowledge and belief based upon available production summaries and lease records
	tallation and/or upon type of completion or upon use being made of the gas well herein named
	uest a one-year exemption from open flow testing for the Lois #1
gas well on the g	grounds that said well:
(Chec	k one)
J	is a coalbed methane producer
<u> </u>	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
<u> </u>	The same of processing and carry take in cross of 200 months
I further agre	e to supply to the best of my ability any and all supporting documents deemed by Commiss
taff as necessai	ry to corroborate this claim for exemption from testing.
Date: 10-15	-13
	Signature:
	Title.

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.