KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Tes	st:					(See Instruc	tions on Rev	rerse Side))				•
=	pen Flo eliverab				Test Dat /-3-/				AP 15	No. 15 -071-20150	_0000		
Compan		Operatir	ng, Inc.		<u>, , , , , , , , , , , , , , , , , , , </u>	<u> </u>	Lease Lee	·	-		1	Well No	ımber
County Greele	y	(Location C SE		Section 27		TWP 17S		RNG (E/W) 40W		Acres Attributed 640		
Field Bradshaw				Reservoir L. Winfield; U. Ft. Riley			Gas Gathering Connection DCP Midstream						
Completion Date 1/78					Plug Bac 3023	ck Total Dep	th	Packer Set at None		Set at			
Casing 5 4.5	·		Weight 10.5		Internal Diameter 4.04		Set at 3030		Perforations 2923		To 2961		
Tubing S 2.375	ize		Weight 4.7		Internal Diameter 1.995		Set at 2991		Perforations		То		
	Type Completion (Describe) Single Gas				Type Flui Water	Type Fluid Production Water			Pump Unit or Traveling Plunger? Yes / No Yes				
Producing Thru (Annulus / Tubing) Annulus				% Carbon Dioxide				% Nitrog	en	Gas G	Gas Gravity - G		
Vertical E 3042	Depth(H)				Pres	sure Taps				(Meter	Run) (P	rover) Size
Pressure	Buildup	: Shut i	n	-2 2	0/3 _{at} _	8.45	(PM)	Taken		3 20/	3 at 8.	'45	(AM) (PM)
Well on L	ine:	Starte	d	2	0 at		(AM) (PM)	Taken		20 _	at	((AM) (PM)
						OBSERVE	D SURFACE	DATA		D	uration of Shut	-in <u> </u>	24 Hour
Static / Dynamic Property	Dynamic Size		cle one: Meter r Pressure g (Pm)	Pressure Differential In Inches H ₀ 0	Flowing Well Head Temperature Temperatu		Wellhead Pressure (P_w) or (P_l) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)				d Produced Barrels)
Shut-In	Shut-In 1.2						psig	64	psig	psla	24		
Flow						<u> </u>		,				<u> </u>	···
						FLOW STR	EAM ATTRI	BUTES	*****				Γ
Plate Coeffiecient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psla		Press Extension P _m x h	Grav Fact F _c	tor	Tomporaturo		vilation • Metered Flow factor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m
								<u> </u>		•			
(P _c)² =		<u>:</u>	(P _w) ² =	:	(OPEN FLO		ERABILITY) % (P	CALCUL - 14.4) +			(P _a) ² = 0.2) ² =	07
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_g)^2$		(P _c) ² - (P _w) ²		1. P _c ² P _e ² 2. P _c ² P _d ² dod by: P _c ² P _e ²	LOG of formula 1. or 2. and divide by:	b's-b"s	Backpressure Curve Slope = "n" 		пх	oe 📗	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flov	N			Mcfd @ 14.6	55 psia		Deliverabi	lity		М	cfd @ 14.65 ps	ia	
		erein, and		report is true	and correct	. Executed	this the	<u>3</u>	o make the day of _	e above report	and that he had	as knowl	ledge of 20 <u>73</u> .
			or Commissi			APR 1	• • • • •	U		Checke	d by		
					ć	CONSERVATION					•		
	2.0	August 1997				~ ~ ~ ~ ~			2.00				

WICHITA, KS

I declare under	penalty of perjury under the laws of the state of Kansas that I am authorized to request
	Rule K.A.R. 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
and that the foregoid correct to the best of of equipment installa	ng pressure information and statements contained on this application form are true and my knowledge and belief based upon available production summaries and lease records tion and/or upon type of completion or upon use being made of the gas well herein named. a one-year exemption from open flow testing for the Lee 1
gas well on the groun	nds that said well:
is is is is is is is	a coalbed methane producer cycled on plunger lift due to water a source of natural gas for injection into an oil reservoir undergoing ER on vacuum at the present time; KCC approval Docket No not capable of producing at a daily rate in excess of 250 mcf/D supply to the best of my ability any and all supporting documents deemed by Commission corroborate this claim for exemption from testing.
Date: <u>4-3-/3</u>	
	Signature: <u>Panice Ripley</u> Title: <u>Froduction</u> 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.