KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:			6	See Instruct	lions on Reve	rse Side)				
Op	en Flow			Test Date	••			ΔPI	No. 15			
De	diverabili	У		1-6-1	2				-20790-00	-00		
Company		perating, In	ıc.			Lease Lee				3-27	Well Nu	mber
County	y		Location C NE/4		Section 27		TWP 17S		W)	Acres Attributed		
Field Bradsh	aw			Reservoir Winfield				Gas Gathering Connection DCP Midstream			•	
Completion 9/14/04				Plug Bac 3026	th	Packer Set at				•		
Casing Size 4.5		Weight 10.5		Internal Diameter 4.052		Set at 3030		Perforations 2926-28		то 2930-32		
Tubing Size 2.375		Weig 4.7	Weight 4.7		Internal Diameter 2.000		Set at 2983		rations 5-38	то 2952-67		
Type Completion (Describe) Single			· · · · · · · · · · · · · · · · · · · ·	Type Fluid Production Water					Pump Unit or Traveling Plunger? Yes / No			
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide				en	Gas G	Gas Gravity - G	
Vertical D	Depth(H)		<u></u> _		Pres	sure Taps				(Meter	Run) (Pr	over) Size
Pressure	Buildup	Shut in	1-5 ₂	0/2 _{at} _	8:30	(AM)(PM) T	aken	1-0	0 20 /	$12_{at} 8$	30 (i	AM) (PM)
Well on L	ine:	Started	20) at		(AM) (PM) T	aken		20 .	at	(AM) (PM)
					OBSERVE	D SURFACE		т	·	Duration of Shut	-in	4 Hours
Static / Orifice Dynamic Size Property (Inches		Meter Prover Presi	Differential in	Flowing Well Head Temperature Temperatur		Wellhead Pressure (P_) or (P _i) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)	1 '	
Shut-In		psig (Pm) Inches H ₂ 0			psig psia		psig psis		24		
Flow							- · · · · · · · · · · · · · · · · · · ·					
			 		FLOW STE	REAM ATTRIE	UTES					
Plate ' Coeffiecient (F _b) (F _p) Mcfd		Citcle one: Meter or Prover Pressure psia	Press Extension ✓ P _m x h	Grav Fact F _c	tor	Flowing Temperature Factor F _{II}		Peviation Metered 9 Factor R F _{pv} (Mcfd)		(Cubic F	GOR Flowin (Cubic Feet/ Barrel) Gavit Garavit	
(P _e) ² =		: (P _w) ²	=:	(OPEN FLO	OW) (DELIV	'ERABILITY) ' % (P _c	- 14.4) +		:) ² = 0.2) ² =	07
(P _e) ^z - (I or (P _e) ^z - (I	P _e) ²	(P _c)² - (P __)²	Choose formula 1 or 2: 1. P. 2 · P. 2 2. P. 2 · P. 2 divided by: P. 2 · P. 2	1. P2-P2 LOG of tomula. 2. P2-P2 and divide		Backpressure Curve Slope = "n" 		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
<u></u>						·		-			-	
Open Flo	Open Flow Mcfd @ 14.65 psia				Deliverability			Mcfd © 14.65 psia				
			on behalf of the				horized t	day of	ne above repor Morc Ce Ru	h and that he h	as know	ledge of 20 12 .
		Witness	(if eny)			-	7	7	For Co	ornpany (/	F	ECEIVE
		For Com	mission						Checi	ked by		

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	erjury under the laws of the state of Kansas that I am authorized to request 82-3-304 on behalf of the operator Horseshoe Operating, Inc.
	information and statements contained on this application form are true and
correct to the best of my knowled	ge and belief based upon available production summaries and lease records
	pon type of completion or upon use being made of the gas well herein named.
I hereby request a one-year e	exemption from open flow testing for the Lee 3-27
gas well on the grounds that said	well;
(Check one)	
·	nethane producer
블	lunger lift due to water
	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
I further agree to supply to th	e best of my ability any and all supporting documents deemed by Commission
	this claim for exemption from testing.
•	
Date: 3-26-/2	
	Signature:

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.