KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:				(See Instructions on Reverse Side)					15-103	3-20933-00	-00		
Open Flow X Shut-in Deliverability Pressure				Test Date: 12-11-02				15-103-20933-00-00 API No. 15-103-30,936 0000					
Company				Lease				Well Number					
Monument Resources, Inc.				Gruend						#2			
County Location Leavenworth NW,NE,SE				Section 12		TWP 10S		RNG (E/W) 22E		Acres Attributed 40			
Field Fairmount				Reservoir McLou	th			Gas Gathering Connection COG Transmission Corporation Packer Set at					
Completion Date 11/2/87				Plug Back 1210'	Total Depti								
Casing Size Weight 4 1/2" 11.6#			Internal D	iameter		1210'			1096' - 1108'				
Tubing Size Weight 2 3/8" 4.7#				Internal D		106	Set at Perforations 1063 '						
Type Completion (Describe) Gas				Type Fluid Production Water (Nil)				-Pump Unit or XXX/ARAG-PRANSKAX Yes / XXX Pump					
Producing Thru (Annulus / Tubing) Annulus				% Carbon Nil	Dioxide	<u>,</u>	% Nitrogen Nil			Gas Gravity - G			
Vertical D	•	<u> </u>			Press	ure Taps				(Meter F 2"		owert Size ————	
Pressure										at9:0 at			
Well on Li						ED SURFAC			· -	Duration of Shut-	24	Hours	
Static / Dynamic Property	Size Prover Pressure in (h)		Differential	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P_) or (P_) or (P_)		Tubing Wellhead Pressure $(P_{\psi}) \propto (P_{c})$ psig psia		Duration (Hours)			
Shut-In		psig				psig 20				24			
Flow				<u> </u>				<u> </u>	<u> </u>		<u> </u>]	
	- 1		1	-	FLOW ST	REAM ATTE	RBUTES					Flowing	
Plate Coeffied (F _b) (F Mcto	eient ,)	Circle one: Meter or Prover Pressure psia	Press Extension √ P_x H_	Gra Fac F	tor	Flowing Temperature Factor	Fa	riation actor = #*	Metered Flov R (McId)	y GOR (Cubic Fo Barrel	eet/	Fluid Gravity G _m	
				(OPEN EL	OW) (DELI	VERABILIT	Y) CALCUI	ATIONS		(P)² = 0.3	207	
~ *		. /p \1 -		P ₄ =			P - 14.4) +		:	-)² =		
(P _e) ² = (P _e) ² - (or (P _e) ² - (- 1	$ (P_w)^2 = \frac{Choose formula}{(P_e)^2 \cdot (P_w)^2} $ $ 1. P_e^2 \cdot P_e$ $ 2. P_e^2 - P_e$		LOG of formula 1, or 2, and divide P 2 - P		Backpressure Curve Slope = "n"		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog Mctd	
	-		divided by: P. P.	ру:	الله الله	3,611							
Open Flo			Mcfd @ 14.			Deliverat		<u> </u>		McId @ 14.65 ps			
		ned authority, o					orized to m day (_	cember	d that he has kno		of the facts 2 6 02	
	<u> </u>	Witness	(il any)				(Pr	esiden		Company			
						-		-	Ch	ecked by			

exempt status under Rule K.A.R. 82-3-304 on behalf of the operator
(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. X is incapable of producing at a daily rate in excess of 150 mcf/D Date: December 20, 2002 Signature: Authorized Authoriz
Title: President

Instructions:

All active gas wells must have at least an original G-2 form on file with the conservation division. If a gas well meets 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 obtain a testing exemption.

At some point during the succeeding calendar year, wellhead shut-in pressure shall be 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.

The G-2 form conveying the newest shut-in pressure reading shall be filed with the Wichita office no later than thirty (30) days after the taking of the pressure reading. The form must be signed and dated on the front side as though