Kansas Corporation Commission ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

RECEIVED

CEC 2.7 5000

Type Test	t:			((See Instructi		4	27 2002				
□ Ор		X Shut-ir Pressur		Test Date	: 12 - 17-	-02		API N	No. 15 -103	-20,818KC	CIVICHITA	
Company		_	_		·	Lease C. Hei	<u> </u>				Vell Number	
	ument	Resources		Section		TWP		RNG (EA	W)		cres Attributed	
Leavenworth NW,SW,NE				19		8S 22E				0		
Field			McLou	Reservoir McLouth/Burgess				Gas Gathering Connection COG Transmission Corporation				
Completic 5/1	on Date .0/87			Plug Back 1272	Total Depth			Packer Se				
Casing Size Weight 4 1/2" 9.5#			Internal D	iameter	Set at Perforations		1	1180' - 1186'				
Tubing Si 2 3	ize 5/8"	Weight		Internal D	iameter	Set at	190'	Perfor		То		
Type Con Gas		Describe)		Type Fluid Nil	d Production		,	Pump Uni Pur		HONGER Yes /		
Producing	g Thru (Ar	nulus / Tubing)		% Carbon	Dioxide			% Nitroge	en	Gas Gra	vity - G	
Vertical D	•		<u>, , , , , , , , , , , , , , , , , , , </u>		Pressu	ıre Taps				(Meter R	un) (#2401/@st) Size	
118											2"	
Pressure	Buildup:	Shut in12									(AM) (PM)	
Well on L	ine:	Started	19	at		(AM) (PM)	Taken		19 .	at	(AM) (PM)	
					OBSERVE	D SURFACE	DATA		(Duration of Shut-i	n 24 Hours	
Static / Dynamic Property	Orifice Size inches	Circle one: Meter or Prover Pressul psig	Pressure Differential re in (h) Inches H ₂ 0	Flowing Well Heat Temperature Temperature		Wellbead Pressure		Tubing Wellhead Pressure (P_w) or (P_1) or (P_c) psig psia		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In						20				24		
Flow												
	<u> </u>	··································			FLOW STR	EAM ATTRI	BUTES					
Plate Coeffied (F _b) (F	eient F	Circle one: Meter or Prover Pressure psia	Press Extension √ P _m x H _w	Gra Fac F	tor 3	Flowing Temperature Factor F ₁₁		riation Ictor E PV	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m	
L			<u></u>	(OPEN FL	OW) (DELIV	ERABILITY	CALCUL				² = 0.207	
(P _c) ² =		(P _w) ² =	:	P _d =			· ² - 14.4) +		:	(P _d)		
(P _e) ² - (, I	(P _c) ² - (P _w) ²	Choose formula 1 or 2 1. P _c ² - P _c ² 2. P _c ² - P _c ² divided by: P _c ² - P _c	LOG of formula 1. or 2. and divide P2. P2		Backpressure Curv Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Open Flow Deliverability Equals R x Antilog Mcfd	
			unitary by te tw									
Open Flo		·	Mcfd @ 14.					Mcfd @ 14.65 psia				
		ed authority, on that said report					rized to m		Jecember Leu	A	viedge of the facts	
		Witness (if any)			_	Pr	esider	nt	Company		
		For Com	mission			_			Chec	ked by		

and the	declare under penalty or perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Monument Resources, Inc. at the foregoing information and statements contained on this application form are true and correct st of my knowledge and belief based upon gas production records and records of equipment instal	
uon an	d/or of type completion or upon use of the gas well herein named.	la-
ihe	ereby request a permanent exemption from open flow testing for the <u>C. Heim #10</u> ell on the grounds 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.	
	X is incapable of producing at a daily rate in excess of 150 mcf/D	
Date:	December 20, 2002	
	Signature: M. Fourt	
	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 it was a verified report of test results.