KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	tions on Rev	erse Side))					
Ор	en Flov	v			Toot Date				A DI	No. 15				
De	liverabi	lty			Test Date 9/15/12		API No. 15 15-077-3 8≒2 9							
Company McCoy Petroleum Corporation							Lease Muir "P"			20,020-000		Well Number 1-21		
County Locati Harper C NW				on Section 21			TWP 31S		RNG (E/W) 9W			Acres Attributed 320		
Field	.Crah	c			Reservoir Mississ					nering Conne				
Spivey-Grabs Completion Date 5/5/67					th	People's Natural Packer Set at None		Gas		RECE	IVE			
Casing Size V			Weight 9.5#		4530 Internal Diameter		Set at 4530		Perforations 4438		4458		DEC 2	8 20
Tubing Size Wei			Weight 6.7#	Internal Diameter			Set at 4478		Perforations		То		KCC WI	CHI
Type Completion (Describe) Single				Type Fluid Production Water					Pump Unit or Traveling Plunger? Yes / No Pump					
	Thru	(Annulus	/ Tubing)		% Carbon Dioxide					% Nitrogen Gas			- G _g	
Casing				0.116					1.318 .€			6552		
Vertical D 4448	epth(H)		Pressure Taps Flange								er Run) (ter Rur	Prover) Size	
Pressure	Buildup	: Shut	in	9/15 2	0 12 at 9	:15 AM	(AM) (PM)	Taken	9/1	720	12 _{at} 9:15	AM	_ (AM) (PM)	
Well on Li	ine:	Starte	ed	2	0 at		(AM) (PM)	Taken		20	at		_ (AM) (PM)	
				1 _	,	OBSERVE	D SURFACE				Duration of Sh	ut-in 4	8 Hours	
Static / Dynamic Property	Orific Size (inche	Prov	ircle one: Meter er Pressure sig (Pm)	Pressure Differential e in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P _t) or (P _c)		Wellhea	ubing ad Pressure (Pt) or (Pc) psia	Duration (Hours)	Liq	Liquid Produced (Barrels)	
Shut-In							140#	•			48			
Flow														
						FLOW STR	EAM ATTRI	BUTES						
Plate Coeffieci (F _b) (F _b Mcfd	ent)	Circle one: Meter or Prover Pressure psia		Press Extension Pmxh	Grav Fact	tor T	Flowing Temperature Factor F,		eviation Metered Flo Factor R F _{pv} (Mcfd)		GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					(OBEN EL	0W) /DEI 1V	ERABILITY)	CALCUI	ATIONS					
°_c)2 =		_:	(P _w) ² =	:	P _d =		•	- 14.4) +		:		P _a) ² = 0 P _d) ² =	.207	
(P _c) ² - (F or (P _c) ² - (F		(P _c) ² - (P _w) ²		1. P ₂ -P ₂ LOG of formula 1 or 2: 1. P ₂ -P ₂ LOG of formula 1. or 2. and divide by:		Slop 		ssure Curve ie = "n" n x or n x signed ard Slope		.og	Antilog	D	Open Flow Deliverability Equals R x Antilog (Mcfd)	
			divi	ded by: $P_c^2 - P_w^2$			Gunda	а олорго	-					
Open Flov	., 45	·····		Made a 14	65 pois		Delivershi	lity			Mofd @ 14 ec	nci^		
			, .,,	Mcfd @ 14.	··· n.j. 12 · · 12 · ·	.,	Deliverabi				Mcfd @ 14.65	-		
	•	-		ehalf of the report is true			•	_	o make the	•	Tand that he	has kno	, 20 <u>12</u> .	
			Witness (if an	y)			_			For C	отрапу	L		
		 	For Commissi	on			_			Chec	ked by			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator McCoy Petroleum Corporation and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named. I hereby request a one-year exemption from open flow testing for the Muir "P" #1-21 gas well 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
is not capable of producing at a daily rate in excess of 250 mcf/D I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: /2/d1//2
Signature: Scott Homps Title: Vice President - Production

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.