Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:		•		(See Instruc	tions on Rev	erse Side)					
Op	en Flov	٧			.								•	
Deliverabilty						Test Date: 10/30/14				API No. 15 15-077-2 0128 -20,020-0001				
Company McCoy F		um	Corporation			Lease Muir "P"				Well Number 1-21				
County Location Harper C NW				Section 21				RNG (E/	W)		Acres Attributed 320			
Field						Reservoir Mississippi			Gas Gathering Connection WWGG			···· 	-	
Completion Date				Plug Bac	Plug Back Total Depth 4530			Packer Set at None						
Casing Size Weight					Internal Diameter Set at			Perfo	rations	То	· · · · · · · · · · · · · · · · · · ·			
4 1/2 9.5# Tubing Size Weight				Internal D	iameter	4530 Set at		4438 Perforations		4458 To	4458 To			
2 3/8" 6.7#						4478								
Type Completion (Describe) Single					Water	Type Fluid Production Water				Pump Unit or Traveling Plunger? Yes / No Pump				
Producing Thru (Annulus / Tubing) Casing					% C 0.116	% Carbon Dioxide				en	Gas Gra .6552	Gas Gravity - G		
Vertical D	epth(H)				Pressure Taps				(Meter Run) (Prover) Size				
4448				10/30	0 14 at 8	Flan		10	1/31		Meter 14 _{at} 8:30 A			
			Shut in	2									AM) (PM)	
Well on Li	ine:				u at		(AM) (PM)			20	at		AM) (PM)	
			Circle one:	Pressure		OBSERVE	D SURFACE		1 7		Duration of Shut-i	in <u>24</u>	Hours	
Static / Dynamic Property	Dynamic Size		Meter Prover Pressur psig (Pm)	Differential	Flowing Temperature t	emperature Temperature		Casing Wellhead Pressure (P _w) or (P _t) or (P _c) psig psia		ubing ad Pressure (P _t) or (P _c)	Duration (Hours)		l Produced Barrels)	
Shut-In					· - -		110#	polu	psig	90.12	24			
Flow														
						FLOW STR	REAM ATTRII	BUTES						
Plate Coeffieci (F _b) (F Mcfd	ient _p)	Circle one: Meter or Prover Pressure psia		Press Extension √P _m x h	Extension Fact		Flowing Deviation Factor F _{pv}		ctor	Metered Flow R (Mcfd)	GOR (Cubic Fer Barrel)	et/	Flowing Fluid Gravity G _m	
											!			
(P _c) ² =		_:	(P _w) ² =_	:	(OPEN FL	• •	'ERABILITY) % (P,	GALCUL - 14.4) +		:	(P _a) ² (P _d) ²	2 = 0.2 2 =	07	
(P _c) ² - (F or (P _c) ² - (F		2		Thoose formula 1 or 2. 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ vided by: $P_c^2 - P_w^2$	LOG of formula 1, or 2, and divide P2.		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	Or Del Equals		
	45								,				_	
Open Flow				Mcfd @ 14.			Deliverabil				Actd @ 14.65 psi			
			•		• •		•	15%	D	e above repor e∎sember	t and that he ha			
the facts st	tated th	erei	n, and that sa	d report is true		Rec	eived		day of	a M	. 0	, 2	₂₀ <u>14</u> .	
			Witness (if	any)	KAN	ISAS CORFUR	ATION COMMIS	SION	Just	For Co	ompany			
			For Commi	ssion		DEL 2	4 2014_			Check	ed by			

CONSERVATION DIVISION WICHITA, KS

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: 12/12/14
Date:
Signature:
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.