8 3. 4

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	!			(See Instruc	tions on Rev	erse Side)					
□ Оре	n Flow			Test Date	a*	•		APIN	No. 15				
Deliverabilty				June 18, 2014					35-22,204-	000	- <u>-</u>		
Company Cowley E		Associates, L	LC	Lease McCollum					Well Number #4 well				
County Location Cowley E/2 NW/4 NE/4			Section 13		TWP 33S			V)	Acres Attributed				
Field Winfield				Reservoir Admire				Gas Gathering Connection Cowley Gas Systems, LLC					
Completion Date 4/23/1979			Plug Back Total Depth 629'			Packer Set at N/A							
Casing Siz	asing Size Weight 1/2" Unknown			Internal Diameter		Set a 629'		Perforations 617'		То 619'			
Tubing Size Weight N/A			ht	Internal I	Diameter	Set a	t	Perfora	ations	То			
Type Completion (Describe) Single (gas)			Type Fluid Production N/A				Pump Unit or Traveling Pla			lunger? Yes / No			
Producing Thru (Annulus / Tubing) Casing			ng)	% Carbon Dioxide				% Nitroge	Gas Gravity - G				
Vertical De	epth(H)		····		Pres	sure Taps				(Meter	r Run) (P	rover) Size	
Pressure l	Buildup:	Shut in Ju	June 17 20 14		14 at 11:00 AM ((AM) (PM) Taken June		20	14 at 5:00	PM _	M (AM) (PM)	
Well on Li	ne:	Started	20 at _		(AM) (PM) To		Taken	aken 20		at(AM		(AM) (PM)	
<u></u>					OBSERVE	D SURFACE	DATA	-		Duration of Shu	_{it-in} _30	Hours	
Static / Dynamic Property	Orifice Size (inches)	Prover Press	Differential in	Temperature Tempera		Wellhood Preceure		Tubing Wellhead Pressure $(P_w) \text{ or } (P_1) \text{ or } (P_c)$		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H ₂ 0			psig 4#	psia	psig	psia		0	0	
`Flow	Flow												
					FLOW STE	REAM ATTRI	BUTES			_, -			
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension	Grav Fac F	tor Temperature		Factor		Metered Flow R (Mcfd)	GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G _m	
P _s) ² =		. (P _w) ² :		(OPEN FL		/ERABILITY) % (P	CALCUL - 14.4) +) ² = 0.2	207	
(P _c) ² - (P or (P _c) ² - (P		(P _c) ² - (P _w) ² Choose formula 1 1. P _c ² - P _d 2. P _c ² - P _d		LOG of formula 1. or 2. and divide p2-p2		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	O Del Equals	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	_		divided by: Po2-P	2 by: _		Standa	aro Siope	 					
Open Flov	v		Mcfd @ 14	.65 psia Deliverability					Mcfd @ 14,65 psia				
										rt and that he h			
ne facts st	ated the	rein, and that s	said report is tru	e and correc	t. Executed	I this the 21		day of Ju	loon	e., 1		20 <u>14</u> WICH	
	Witness (If any)			KCC WICHITA				For Company			JUL 2 2 2014		
For Commission					AUG 0 7 2014				Checked by			RECEIVE	
					RECE	EIVED							

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 Cowley Energy Associates, LLC
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 McColium #4 well
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.
August 4, 2014
Signature: Dany W Cooney Title: Manager
Tiue:

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. KCC WICHITA

AUG 0 7 2014

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