KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

G.,

Type Test	:				(See Ins.	tructio	ons on Re	verse Side)					
=	en Flov				Test Date	9 :					No. 15		_		
	liverabi	lty			June 18	, 2014				15-	035-24,14	2-000		NA#-11 NI.	
Company Cowley I		/ Associa	ites, LL	С				Lease Born				_	#5 wel	Well No 	imber
County Location Cowley NE/4 SW/4 SW/4		Section 13			TWP 33S		RNG (E/W) 4E			Acres Attributed					
Field Winfield		_			Reservoi Admire	r					thering Co y Gas Sys				
Completic 7/18/200					Plug Bac	k Total I	Depth	'n		Packer N/A	Set at				
	asing Size Weight			Internal Diameter			Set at 747		Perforations 708'			To 718'			
	bing Size Weight		Internal Diameter			Set at		Perforations			То				
		(Describ	∍)		Type Flui	d Produ	ction			Pump U NO	nit or Travel	ing Plu	nger? Yes	/ No	
		(Annulus	/ Tubing)			arbon E	Dioxid	ie	<u>_</u>	% Nitro	gen		Gas Gr	avity - (3 ,
Casing Vertical D	epth(H)				F	ress	ure Taps					(Meter I	Run) (P	rover) Size
 Pressure	Buildup	o: Shut i	_n June	e 17	0_14_at_1	1:00 A	M	(AM) (PM)	Taken_Ji	ine 18		14	at_3:00 P	M_	(AM) (PM)
Well on L	ine:			2	0 at		((AM) (PM)	Taken		 :	20	at		(AM) (PM)
					_	OBSE	RVE	SURFAC	E DATA			Dura	ation of Shut-	in_28	Hours
Static / Dynamic Property	Orific Size (inche	Prove	rcle one: Meter r Pressuri ig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well He Tempera		(P _w) or (F	Pressure	$r(P_e)$ (P_w) or (P_i) or (P_e) (Hours)			d Produced Barrels)		
Shut-In		P°	9 (1111)	Inches 1120			-	psig 11#	psia	psig	psia	+		0	
Flow		_										-			
						FLOW	STRE	EAM ATTR	IBUTES						
Plate Coefficci (F _b) (F Mcfd	ient	Circle o Meter Prover Pre psia	or essure	Press Extension ✓ P _m x h	Grav Fac F	tor		Flowing emperature Factor F ₁₁	Fa	iation ctor pv	Metered F R (Mcfd)		GOR (Cubic Fe Barrel)		Flowing Fluid Gravily G _m
				<u> </u>	<u> </u>										
					(OPEN FL	• •			•					² = 0.2	07
P _c) ² =		<u>.:</u>	(P _w)² =_	hoose formula 1 or 2.	$P_d =$	 =	<u>%</u>	T	P _c - 14.4) +		:		(P _d);	Ī	
(P _e) ² - (F or (P _e) ² - (F	•	(P _e)²- (F		1. P _c ² -P _a ² 2. P _c ² -P _d ² vided by: P _c ² -P _a ²	LOG of formula 1. or 2. and divide by:	P _c ² - P	2	Sio _l As	pe = "n" - or signed tard Slope		LOG		Antilog	Del Equals	pen Flow iverability R x Antilog (Mcfd)
															
Open Flov	w			Mcfd @ 14.	65 psia			Deliverab	oility	_	<u> </u>	Mcfd	@ 14.65 psi	ia	
The u	undersi	gned auth	ority, on	behalf of the	Company, s	states th	at he	is duly a				port ar	nd that he ha		
ie facts st	tated th	erein, and	that said	d report is true	and correc	t, Exect	uted t	this the <u>20</u>	6th	day of <u>J</u>	<u>une</u> 4///	i	mı.		20 <u>14</u>
			Witness (if a	any)			_	-			- <i>U</i>	or Compa	ny my	<u>N</u> U	C WICH
			For Commis	sion			_	-				hecked b	/ -		J L 1 4 2 01
															RECEIVE

exempt and tha	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to reques status under Rule K.A.R. 82-3-304 on behalf of the operator Cowley Energy Associates, LLC the foregoing pressure information and statements contained on this application form are true and
of equip	to the best of my knowledge and belief based upon available production summaries and lease records ment installation and/or upon type of completion or upon use being made of the gas well herein named reby request a one-year exemption from open flow testing for the <u>Born #5 well</u>
	on the grounds that said well:
staff as	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 there agree to supply to the best of my ability any and all supporting documents deemed by Commissinecessary to corroborate this claim for exemption from testing.
	Signature: Damy W Looney Title: Manager

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.

JUL 1 4 2014

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