RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

= '	en Flov					Test Date	•	ctions on Rev	verse Side		No. 15			
Deliverabilty						09/16/13	3		15-007-00535-00-00					
Company WOOLS		PER	ATING CO	MPAN	NY, LLC			Lease RATHG	EBER			1	Well Number	
County Location BARBER NE SE					Section 31		TWP 34S			N)		Acres Attributed		
Field AETNA						SIPPIAN		Gas Gathering Conn ONEOK FIELD SE						
Completic 9/30/54	on Date	9				Plug Baci 4970	k Total Dep	oth			Packer Set at NONE			
Casing Si 5.500	ze	Weight 14.00			Internal Diameter 5.012			Set at 5000		ations	то 4843			
			Weig 4.70			Internal Diameter 1.995		Set at 4918		Perforations OPEN		То		
Type Completion (Describe) SINGLE					d Productio		Pump Unit or Trave PUMPING		it or Traveling	Plunger? Yes	/ No			
Producing	Thru	(Anr	nulus / Tubir	ng)			arbon Diox	kide		% Nitroge		Gas Gr	avity - G _g	
Vertical D)		·			Pre	ssure Taps				(Meter	Run) (Prover) Size	
4813	D. a.i		ch 09	/16/13	3 .	0 -:		/ALA: /===	0 <u>9</u>	9/17/13		-•	(AM) (PM)	
Pressure Well on Li		-	Snut in										(AM) (PM)	
							OBSERV	ED SURFACI	E DATA			Duration of Shut-	-inHours	
Static / Dynamic Property	nic Size		Circle one: Meter Prover Press psig (Pm)	Dif sure	ressure fferential in ches H ₂ 0	Flowing Temperature t	Well Head Temperature t	e Wellhead (P _w) or (P	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		ubing ad Pressure (P ₁) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	ut-In		paig (i iii)		21103 T1 ₂ U		<u> </u>	psig 10	psia psig	psig O	psia			
Flow														
				1			FLOW ST	REAM ATTR	BUTES			-		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P _m x h		Gravity Factor F _g		Flowing Temperature Factor F ₁₁	perature Factor F		Metered Flov R (Mcfd)	v GOR (Cubic Fe Barrel)	Grovity	
				<u> </u>	•									
(P _c) ² =		_:	(P _w) ² :	= <u></u>	:	(OPEN FLO		VERABILITY % (F) CALCUL ² 。- 14.4) +		:	(P₄) (P₀)	$r^2 = 0.207$ $r^2 = $	
$(P_o)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. P _c ² -P _a ² 2. P _c ² -P _c ² divided by: P _c ² -P _w ²		LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backpres Slop 22- p ² Ass Standa		n x I	n x LOG	Antilog	Open Flow Defiverability Equals R x Antilog (Mcfd)	
				<u> </u>								 		
Open Flov	<u> </u> w				ofd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 ps	ja	
		gned	authority.				states that	- •		o make th		ort and that he ha		
		•	•					d this the 09			ECEMBER	10	, 20 13	
			Witness	(if any)				-		Uln 1	Z Ja	Company Company	VCC WILD	
		_						_					KCC WIC	
			For Com	mission							Chec	cked by	DEC 18 2	

	eclare under penalty of 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 WOOLSEY OPERATING CO., LLC
	t the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
	oment installation and/or upon type of completion or upon use being made of the gas well herein named.
í he	reby request a one-year exemption from open flow testing for the RATHGERBER 1-31
gas we	ll 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
l fu	rther 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: _1	2/09/13
	1 n h n l
	Signature: Win & Hallauft
	Title: _FIELD MGR

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.

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