KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:		_		(See Instruct	tions on Re	verse Side	•)					
Open Flow Deliverabilty					Test Date:				lo. 15	20.00				
Company		,			08/27/1	3	Lease		15-0	07-23368-0		Well Nu	ımber	
WOOLSEY OPERATING COMPANY, LLC				_	COOK			B			1			
County Location BARBER SE NE				Section 13		TWP 34S			V)		Acres /	Attributed		
				Reservois MISSIS	r SIPPIAN			Gas Gathering Connec		ection				
Completion Date 12/11/08				Plug Bac 5233	k Total Dept	th		Packer Se NONE	at at					
Casing S 4.500	ize		Weight 10.50		Internal Diameter 4.052		Set at 5285		Perforations 4824		то 4902			
Tubing Size 2.375			Weight 4.70	Internal D 1.995		Diameter	iameter Set at 4951		Perforations OPEN		То			
Type Completion (Describe) SINGLE					d Production		<u> </u>	Pump Unit or Travelin		Plunger? Yes	s / No			
Producing Thru (Annulus / Tubing) ANNULUS					% Carbon Dioxide			% Nitroge	Gas (Gas Gravity - G _g				
Vertical D)			_	Pres	sure Taps				(Mete	r Run) (P	rover) Size	
5400			08/2	7/13			(44.0) (50.0)	08	8/28/13					
Pressure Well on L			Snut in								at			
		`	Statted				(AIVI) (FIVI)				at		(AW) (EW)	
[Circle one:	Pressure	r 	OBSERVE	D SURFAC		7.	bing	Duration of Shu	ıt-in	Hours	
Static / Dynamic Property	Oynamic Size Property (inches)		Meter Prover Pressure psig (Pm)	Differential	Flowing Temperature 1	Well Head Temperature 1	Casing Wellhead Pressure (P _*) or (P _t) or (P _c)		Wellhea (P _w) or (d Pressure P _v) or (P _v)	Ouration (Hours)	Liquid Produced (Barrels)		
Shut-In			paig (i iii)	niches 11 ₂ 0			psig 120	psia	450	psia	24			
Flow														
						FLOW STR	REAM ATTR	IBUTES						
Plate Coeffieclent (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fac	tor	Flowing Temperature Factor F ₁₁	Fa	viation actor F _{pv}	Metered Flor R (Mcfd)	(Cubic I	GOR (Cubic Feet/ Barrel)		
					_		 .							
(P _c) ² =		_:	(P _w) ² =	:	(OPEN FL	OW) (DELIV		') CALCUL P _c - 14.4) +		:		a) ² = 0.2 d) ² =	207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		hoose 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	Backpred Slop		essure Curve pe = "n" - or signed lard Slope	e n x t	og [Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
						_								
Onen Fla				Marial @ 44	GE polo		Deliveral	allia.			Maid @ 14 SE a	noia		
Open Flo			d db	Mcfd @ 14	-	-4-4 45-4 6	Deliverat	<u> </u>			Mcfd @ 14.65 p		dades of	
		_	n, and that sai		, ,		-			ECEMBER	ort and that he		20 <u>13</u> .	
							-	U	In L	Halls	ugh	CC 1	MICHIT	
			Witness (if	any)						For	Company N	\ 		
			For Commis	sion			-			Che	cked by	DEC	1 8 2013	

RECEIVED

	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
	at 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.
l he	ereby request a one-year exemption from open flow testing for the COOK B-1
	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 Commissio
staff as	necessary to corroborate this claim for exemption from testing.
Doto:	12/09/13
Jale	
	Signature: The Dallander

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.