## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	: en Flow	•		Test Date		tions on Rev	erse Side		No. 15	•			
Deliverabilty 07/30/13						API No. 15 15-007-23140-00-00							
Company WOOLSEY OPERATING COMPANY, LLC						Lease NURSE					Well Number		
County Location BARBER SE SW SE				Section 6			TWP RNG (E/W) 34S 11W		W)		Acres Attri	buted	
				Reservoi MISSIS	r SIPPIAN	••	Gas Gathering Connect APC		ection				
Completion Date 6/4/07				Plug Bac 5134	k Total Dep	oth	Packer Set at NONE						
Casing Si 4.500	Casing Size Weight 1.500 10.50			Internal ( 4.052	Internal Diameter 4.052				rations	то 4734			
Tubing Si 2.375	ubing Size Weight .375 4.70			Internal I			t L	Perforations 4773		то 4773			
					d Productio		Pump Unit or Travelin				/ No		
Producing Thru (Annulus / Tubing) ANNULUS					Carbon Diox	ide				Gas Gravity - G <sub>g</sub>			
Vertical D					Pres	ssure Taps				(Meter	Run) (Prov	er) Size	
4719 Pressure	Ruildus	Shut in07/	/30/13	n at		. (AM) (PM)	Taken 07	7/31/13		at	/AB	I/ (DM)	
Well on L	•									at			
					OBSERVE	ED SURFAÇE	DATA			Duration of Shut-	-in	 Hours	
Static / Dynamic Property	Orifice Size (inches)	Meter Prover Pressi		Flowing Well Head Temperature t t		(P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration Liqu		roduced rels)	
Shut-In		poig (i iii)	mones 11 <sub>2</sub> 0			psig 100	psia	psig 110	psia	24			
Flow													
			1	· · · · · · · · · · · · · · · · · · ·	FLOW ST	REAM ATTRI	BUTES			+			
Plate Coeffieclent (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia	Press Extension √ P <sub>m</sub> x h	Grav Fac	tor	Flowing Temperature Factor F <sub>tt</sub>	Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	eet/	Flowing Fluid Gravity G <sub>m</sub>	
									<del></del>				
(P <sub>c</sub> ) <sup>2</sup> =	:	: (P <sub>w</sub> ) <sup>2</sup> =	•:	(OPEN FL		/ERABILITY) % (P	CALCUL - 14.4) +		:		$0^2 = 0.207$ $0^2 = 0.207$		
(P <sub>e</sub> ) <sup>2</sup> - (F or (P <sub>e</sub> ) <sup>2</sup> - (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> Choose formula 1 or 2:  1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		LOG of formula 1. or 2. and divide	LOG of formuta 1. or 2. and divide p 2. p 2		Backpressure Curve Slope = "n"		.og [	Or Del Antilog Equals		Flow rability x Antilog	
Open Flow Mcfd @ 14.65 psia							Deliverability Mcfd @ 14.65 psia						
	•	•	on behalf of the aid report is true	- •		•	<u> </u>	day of D	ECEMBER	ort and that he ha		ge of	
		Witness (	(if any)			_	_to	Um t		Mary Company	K	CC WI	
						_				0		<del></del>	
		For Comr	тир\$ГОП						Che	cked by	U	EC 18	

exempt status und and that the fore correct to the bes	ler penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC going pressure information and statements contained on this application form are true and it of my knowledge and belief based upon available production summaries and lease records allation 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 NURSE 1								
	rounds that said well:							
(Check	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							
_	e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.							
Date: 12/09/13								
	Signature: Wallaugha- 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.