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

Type Test	:			(	See Instruc	tions on Rev	erse Side	)					
Open Flow				T	Test Date: API No. 15								
De	liverabilty			12/14/10	-				no. 15 007-22269-(	0000			
Company WOOLS		RATING COI	MPANY, LLC		<u>.</u>	Lease OAKES				A-3	Well Numbe	<u>r</u>	
County Location BARBER 155 FWL & 1980 FSLL			Section 4		TWP 35S			W)	Acres Att		uted		
					Reservoir MISSISSIPPI			Gas Gathering Connection APC					
Completion Date 11/13/69				Plug Bac 5108	Plug Back Total Depth 5108			Packer Set at NONE					
Casing Size Weight 4.500 10.500			Internal D 4.052	Diameter	Set at 518		Perforations 4936		To 4968				
Tubing Size Weight 2.375 4.70			Internal I 1.995	Diameter		Set at 5038		rations N	То				
Type Completion (Describe) SINGLE					Type Fluid Production OIL,WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING					
Producing ANNUL		nnulus / Tubing	))	% C	arbon Diox	ide		% Nitrog	en	Gas G	iravity - G	<del></del>	
Vertical Depth(H) 4952					Pressure Taps					(Meter	Run) (Prove	r) Size	
Pressure	Buildup:	Shut in 12/	13/10 2	0 at		(AM) (PM)	Taken 12	2/14/10	20	at	(AM)	(PM)	
Well on Line: Started 20				0 at	at (AM) (PM) Taken			20 at			(AM)	(AM) (PM)	
		T ~:			OBSERVE	D SURFACE		r		Duration of Shut	t-in	Hours	
Static / Dynamic Property	Orifice Size (Inches)	Circle one:  Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	(P <sub>w</sub> ) or (P <sub>t</sub>	Pressure () or (P <sub>e</sub> )	ressure Wellhead or $(P_e)$ $(P_w)$ or $(P$		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In		7				125	psla	psig 0	psla	24			
Flow										_			
			,	-	FLOW ST	REAM ATTRI	BUTES						
Plate Coeffied (F <sub>b</sub> ) (F Moto	ient (	Gircle one: Meter or rover Pressure psia	Press Extension	Grav Fac F	or Temperature		Deviation Factor F <sub>pv</sub>		Metered Flor R (Mcfd)	W GOR (Cubic F Barre	eet/	lowing Fluid Gravity G <sub>m</sub>	
(P <sub>c</sub> )² ≈	;	(P <sub>w</sub> ) <sup>2</sup> =	:	(OPEN FL	• •	<b>/ERABILITY</b> ) % (P	) CALCUL ', - 14.4) +		:		) <sup>2</sup> = 0.207 <sub>3</sub> ) <sup>2</sup> =		
(P <sub>e</sub> ) <sup>2</sup> - ( or (P <sub>e</sub> ) <sup>2</sup> - (	P <sub>a</sub> ) <sup>2</sup>	(P <sub>e</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> Choose formu  1. P <sub>e</sub> <sup>2</sup> - 2. P <sub>e</sub> <sup>2</sup> - divided by: P		LOG of formula 1. or 2.  and divide p 2 p 2		Backpressure Curve Slope = "n"		n x LOG		Antilog	Open Flow		
	_							-					
Open Fio	l w	<u>_</u>	Mcfd @ 14.	65 psia		Deliverab	ility			Mcfd @ 14.65 p	sia		
<del>- :- :- :- :- :- :- :- :- :- :- :- :- :-</del>		ed authority o		·	tates that i		·	o make th		ort and that he h		ne of	
			ald report is true						ECEMBER	or and mar no m	, 20 _		
							(	<u></u>	0			ECEIVED	
		Witness (i								Company		C 2 8 201	
		For Comm	ission						Che	cked by		WICHIT	

exempt status und and that the foreg correct to the bes of equipment insta	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler 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 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. est a one-year exemption from open flow testing for the OAKES A-3
	ounds that said well:
_	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 eto supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
	Signature:

## 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.