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

Type Test:						(	See Instrud	ctions on Re	verse Side	)				
	en Flow					Test Date	):			API	No. 15			
Del	liverabil	ty				12/16/10	)			15-0	007-22220-0			
Company WOOLSI		ER	ATING CO	MPAI	NY, LLC			Lease OAKES	<u>;                                    </u>			A-1	Well Number	
County Location BARBER 1940 FNL & 660 FEL				Section 5		TWP 33S			W)		Acres Attributed			
Field AETNA				Reservoir MISSIS			Gas Gathering Connect APC			ection				
Completion Date 2/17/89				Plug Bac 5039	k Total Dep	pth	Packer Set at NONE		et at					
Casing Size Weight 4.500 10.500				Internal D 4.052	Diameter		Set at 5050		rations 2	To 4926				
Tubing Size Weight 2.375 4.70				Internal D 1.995	Diameter		Set at 4975		rations EN	То	<del></del>			
Type Completion (Describe) SINGLE					d Productio		Pump Unit or Tr PUMPING		nit or Traveling	Plunger? Yes	/ No			
Producing	Thru (	Anr	nulus / Tubing	g)			arbon Dio	xide		% Nitrog		Gas Gr	avity • G <sub>g</sub>	
ANNUL														
Vertical D 4920	epth(H)						Pre	ssure Taps				(Meter i	Run) (Prover) Size	
Pressure	Buildup	: ;	Shut in12/	15/1	0 2	0at	_	_ (AM) (PM)	Taken 12	2/16/10	20	at	(AM) (PM)	
Well on L	ine:	;	Started		2	0 at		_ (AM) (PM)	Taken		20	at	(AM) (PM)	
							OBSERV	ED SURFAC	E DATA			Duration of Shut-	in Hours	
Static / Orld Dynamic Si: Property (incl		Ze Prover Press		Differential in		Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing ad Pressure (P <sub>t</sub> ) or (P <sub>c</sub> )	Duration (Hours)	Liquid Produced (Barrels)	
								psig	psia	psig	psla	<del> </del>		
Shut-In				_				120		40		24	<u> </u>	
Flow											_			
	<del></del> 1					<del></del>	FLOW ST	REAM ATTE	RIBUTES	<u> </u>		<del></del>		
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Gircle one: Meter or Prover Pressure psia		E	Press extension P <sub>m</sub> x h	Gravity Factor F <sub>a</sub>		Temperature Fa		dation Metered Flo ector R (Mcfd)		w GOR (Cubic Fe Barrel)	i Gravity I	
						(ODEN EI	0110 (05) 1	VED A DIL ITA	0.041.011					
(P <sub>e</sub> ) <sup>3</sup> =		<u>.</u> :	(P <sub>*</sub> )² =		:	P <sub>d</sub> =		VERABILITY	P <sub>e</sub> - 14.4) +		:	(P <sub>a</sub> ) (P <sub>d</sub> )	<sup>2</sup> = 0.207 <sup>2</sup> =	
(P <sub>e</sub> ) <sup>2</sup> - (I or (P <sub>e</sub> ) <sup>2</sup> - (I	P <sub>e</sub> ) <sup>2</sup>	(F	P <sub>a</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	1. 2.	formula 1 or 2 P <sub>0</sub> <sup>2</sup> - P <sub>0</sub> <sup>2</sup> P <sub>0</sub> <sup>2</sup> - P <sub>0</sub> <sup>2</sup> by: P <sub>0</sub> <sup>2</sup> - P <sub>0</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide	P.2 - P.2	S10	assure Curve ope = "n" or ssigned dard Slope	l n x i	LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										$\bot$				
Open Flo	w			<u> </u>	cfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 ps	8	
			·					_			,	ort and that he ha	· .	
the facts s	tated th	erei	n, and that sa	aid rej	port is true	and correc	t, Execute	d this the $\frac{2}{}$	23	day of	ECEMBER		20 <u>10</u>	
			4482	he '					(	<u> </u>	<u> </u>		RECEIVED	
			Witness (		_							Сотралу	DEC 2 8 2010	
			For Comm	nission							Che	ecked by	KCC WICHITA	

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	under penalty of perjury under the laws of the state of Kansas that I am authorized to request sunder Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC
	foregoing pressure information and statements contained on this application form are true and
correct to the	best of my knowledge and belief based upon available production summaries and lease records
• •	installation and/or upon type of completion or upon use being made of the gas well herein named. request a one-year exemption from open flow testing for the OAKES A-1
	ne grounds that said well:
(C	heck 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
	agree to supply to the best of my ability any and all supporting documents deemed by Commission ssary to corroborate this claim for exemption from testing.
Date: 12/23/	10
	Signature:  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.