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

Type Test	:			(	See Instruc	tions on Reve	erse Side)						
	en Flow liverabil	ty		Test Date	<b>ə</b> :				No. 15 0723052000	00			
Company Osage Resources, L.L.C.					Lease Osage						Well Number No. 102		
County Barber	County Location			Section 30		TWP 33S			<b>W</b> )	Acres Attributed			
Field Aetna Gas Area			Reservoii Mississi			33S 14 Gas Gathering Conn Big Creek Field Se							
Completion Date 10/4/2006			Plug Bac 5172'	k Total Dep	th	Packer Set at		Set at					
Casing Si 5 1/2"				Internal [ 4.95"	Diameter	Set at 5,245' KE		Perforations 4964'		то 5001'			
ubing Size 2 3/8"		Weig 4.7	Weight 4.7		Internal Diameter 1.995"		Set at <b>5149</b> '		rations	То		<u> </u>	
		(Describe) nd Sand Fra	C.	Type Flui Gas &	d Productio Water	'n		Pump Ur	nit or Traveling	Plunger? Yes	/ No		
Producing <b>Annulus</b>	-	Annulus / Tubi	ng)	% C	Carbon Diox	ide		% Nitrog	en	Gas G	iravity - G <sub>g</sub>		
Vertical D	epth(H)		,		Pres	ssure Taps				(Meter	Run) (Prove	r) Size	
Pressure	Buildup	: Shut in	out in June 15		11 at 7:00		(AM) (PM) Taken Jur		20	11 at 5:15	1 at 5:15 (AM)		
Well on L	ine:	Started	2	20 at		. (AM) (PM) 1	Taken		20	at	(AM)	(PM)	
				T	OBSERVE	D SURFACE	1			Duration of Shu	t-in	_Hours	
Static / Dynamic Property	Orific Size (inche	Prover Pres	Differential in	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In						115	pola		po.u				
Flow													
		<u> </u>			FLOW STI	REAM ATTRIE	BUTES	I		T			
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia	Meter or Extension rover Pressure		vity tor	Flowing Femperature Factor F <sub>tt</sub> Flowing Deviati		tor R		GOF (Cubic F Barre	eet/	owing Fluid ravity G <sub>m</sub>	
							<u> </u>		11				
P <sub>c</sub> )² =		: (P <sub>w</sub> )²	=:	(OPEN FL	, ,	/ERABILITY) % (P	CALCULA - 14.4) +		:		$(a)^2 = 0.207$ $(a)^2 = $		
(P <sub>c</sub> ) <sup>2</sup> - (F or (P <sub>c</sub> ) <sup>2</sup> - (F		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	$(P_c)^2 - (P_w)^2$ $(P_c)^2 - (P_w)^2$ $(P_c)^2 - P_a^2$ $(P_c)^2 - P_d^2$ $(P_c)^2 - P_c^2$ $(P_c)^2 - P_c^2$ $(P_c)^2 - P_c^2$		LOG of formula 1. or 2. and divide by:   LOG of formula 1. or 2. p. 2 - p. 2 w		Backpressure Curve Slope = "n" or Assigned Standard Slope		LOG	• Antilog	Open F Delivera Equals R x (Mcfo	bility Antilog	
Open Flo	L		Mcfd @ 14	.65 psia		Deliverabil	ity			Mcfd @ 14.65 p	sia		
		ned authority,			states that I			make th	·	rt and that he h		e of	
ne facts s	tated th	erein, and that	said report is tru	e and correc	t. Executed	d this the	c	lay of			, 20		
		Witness	(if any)			_			For C	KANSAS C	RECEIV CORPORATION	ED PCOMMI	
		***************************************	(ii wij)						. 51 C		EP 0 4		

I de	clare under penalty of perjury under the laws of the state of Kansas that I am authorized to request
exempt s	status under Rule K.A.R. 82-3-304 on behalf of the operator Osage Resources, LLC
	the foregoing pressure information and statements contained on this application form are true and
correct t	o the best of my knowledge and belief based upon available production summaries and lease records
of equipr	ment installation and/or upon type of completion or upon use being made of the gas well herein named.
l her	reby request a one-year exemption from open flow testing for the Osage No. 102
gas well	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 furt	ther agree to supply to the best of my ability any and all supporting documents deemed by Commissio
staff as r	necessary to corroborate this claim for exemption from testing.
Date: <u>8/</u>	31/2012
	Signature/ Signature/
	Title: Geological Technician III
	Title: Geological Technician III

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 CELVED.

December 31 of the year for which it's intended to acquire exempt status for the subject WANSASTOR FOR ATION COMMISSION signed and dated on the front side as though it was a verified report of annual test results.

SEP 0 4 2012