KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST (See Instructions on Reverse Side)

Type Test:				(See Instructi	ions on Reve	erse Side)				
	n Flow			Test Date) :			APII	No. 15			
Deliverabilty				9/28/12								
Company VOOLSE	EY OPEF	RATING CO	MPANY, LLC			Lease CLARKE			•	A-1	Well Number	
County Location BARBER SE NW			Section 5				RNG (E/V 12W	V)		Acres Attributed		
Field MEDICINE RIVER				Reservoir MISSIS				Gas Gathering Conn APC		ection	DEC U	IVE
Completion Date 5/26/05			Plug Bac 4319	k Total Depti	h	·	Packer Set at NONE			DEC U	5 2	
easing Size Weight .500 10.50			Internal Diameter 4.052		Set at 4238		Perforations 4194		To 4216	KCC WIC	 СН1	
ıbing Siz .375	•		Internal Diameter 1.995		Set at 434 4		Perforations OPEN		То			
Type Completion (Describe) SINGLE					Type Fluid Production WATER			Pump Unit or Traveling Plunger? Yes / No PUMPING				_
roducing NNULU	•	nulus / Tubing)	% C	arbon Dioxid	de		% Nitroge	'n	Gas G	ravity - G _o	
ertical De 205	epth(H)				Press	sure Taps				(Meter	Run) (Prover) Siz	ze
ressure E	Buildup:	Shut in 9/28	3/12 2	0at		(AM) (PM)	Taken 9/	29/12	20	at	(AM) (PM	—— I)
Vell on Lir	ne:	Started	2	0 at		(AM) (PM)	Taken		20	at	(AM) (PM	1)
				*	OBSERVE	D SURFACE	DATA			Duration of Shut	-in Ho	ours
static / ynamic roperty	Orifice Size (inches)	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Wellhead Pressure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)	Liquid Produce (Barrels)	d
Shut-In						90	- Paris	280		24		
Flow												
					FLOW STR	EAM ATTRI	BUTES					
Plate Coeffiecie (F _b) (F _p Mcfd		Circle one: Meter or over Pressure psia	Press Extension ✓ P _m x h	Extension Fact		Flowing emperature Factor F _{f1}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	eet/ Fluid	
							<u> </u>					
) ² =	:	(P _w) ² =	:	,	OW) (DELIVI	ERABILITY)		ATIONS 14.4 =	•) ² = 0.207) ² =	
(P _c) ² - (P _c or (P _c) ² - (P _c	(I	(P _c) ² - (P _w) ² 1. P _c 2. P _c divided by:		LOG of formula 1. or 2.	Backpressure Slope =		sure Curve = = "n" origned	n v li	ГЛ	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	- 1
				1		<u> </u>						_
pen Flow Mcfd @ 14.6			.65 psia	5 psia Deli			verability			Mcfd @ 14.65 psia		
		d authority, or		·	states that he			o make the			as knowledge of	_
facts sta	ated there	in, and that sa	id report is tru	e and correc	t. Executed	this the 26			OVEMBER 00		, ₂₀ <u>12</u>	
		Witness (if	any)			_	Who	, RO	Vallay	company		
		For Comm	ssion	·		_			Chec	ked by		
										•		

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to exempt status under Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LL and that the foregoing pressure information and statements contained on this application form are to correct to the best of my knowledge and belief based upon available production summaries and lease of equipment installation and/or upon type of completion or upon use being made of the gas well herein I hereby request a one-year exemption from open flow testing for the CLARKE A-1 gas well on the grounds that said well:	true and
(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 I further agree to supply to the best of my ability any and all supporting documents deemed by C	ommission
staff as necessary to corroborate this claim for exemption from testing. Date:	
Signature: Win K. Hayk	
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.