KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instr	ucti	ions on Rev	erse Side)						
√ Op	en Flo	w			Test Date					ADI	N:- 45					
Deliverabilty					Test Date: 9/2/2015					API No. 15 15-189-20522 - 0000						
Company		Эрег	rating, L.L.C	D.				Lease Waylar	nd Unit				1-23	Well Nu	mber	
County Stevens			Locat 660 FS	Section 23					RNG (E/W) 36W			Acres Attributed				
Field Walkemeyer					Reservoir Morrow				Gas Gathering C Oneok Energy S							
Completic 2/11/81		te			Plug Bac 6200	k Total D	epti	h		Packer S	et at					
Casing Size 5.5			Weigh 15.5	Internal Diameter 4.950			Set a 6570		Perforations 6100			то 6126				
Tubing Size 2.375			Weigh		Internal Diameter 1.995			it 3	Perforations			То				
Type Completion (Di					Type Flui	Type Fluid Production Water				Pump Unit or Traveling Plu Plunger			unger? Yes / No			
	g Thru	(Anı	nulus / Tubin	g)		arbon Di	oxic	de		% Nitrog			Gas Gr	avity - C		
Tubing Vertical D	Pepth(F	1)				Pr	ress	sure Taps					(Meter F	Run) (Pr	rover) Size	
6600 Pressure	Builde	ıo.	Shut in 9/1	2	0 15 _{at} 8	:00		(AM) (PM)	Taken 9/	2	20	15	at 8:00		AM) (PM)	
Well on Line:		-	Started 20										·			
						OBSER	VE	D SURFACI	E DATA			Dura	ation of Shut-	24	Hours	
Static / Orific		:e	Circle one: Meler Prover Press	Pressure Differential ure in	Differential Temperature		1 ' 1		Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		Liquid Produced (Barrels)	
Property	(inch	ies) 	psig (Pm)	Inches H ₂ 0	t	t		psig	psia	psig	psia					
Shut-In								120	134.4	118	132.4	24	1	ļ		
Flow																
	 1	_		· T		FLOW S	TR	EAM ATTR	BUTES	T						
Plate Coefficcient (F _b) (F _p) Mofd		Pro	Circle one: Meter or over Pressure psia	Press Extension ✓ P _m xh	Fac	Gravity Factor F		Flowing emperature Factor F _{f1}	Fa	iation ctor pv	Metered Flow R (Mcfd)		GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
					(OBEN EL	OW) (DE	1 1571	ERABILITY	CALCU	ATIONS						
(P _c) ² =		_:	(P _w) ² =	·:	P _d =					14.4 =	:		(P _d)	²= 0.2 ²=	07	
$(P_c)^2 - (P_g)^2$ or $(P_c)^2 - (P_d)^2$		(F	P _c) ² - (P _w) ²	Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)		
				· •							_				•	
0				NA-44 @ 44	05			Delfuset	file.			14-6-		<u> </u>		
Open Flo	-	ione	d authority o	Mcfd @ 14.	<u> </u>	states tha	at h	Deliverab		o make th	e ahove rend		f @ 14.65 psi		ledge of	
		•	•	aid report is true				-			•	u			_	
								Received PRPORATION C								
		<u>-</u>	Witness	(if any)			-	C 0 2 2			For	Сотра	n y			
			For Com	mission		CO		- ERVATION DI WICHITA, KS			Che	cked b	у			

I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Chesapeake Operating, L.L.C. and that the 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
of equipment installation 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 Wayland Unit 1-23
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
I further agree to supply to the best of my ability any and all supporting documents deemed by Commission staff as necessary to corroborate this claim for exemption from testing.
Date: _11/16/2015
Signature: Sara Everett, Regulatory Analyst

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.