KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t: oen Flov	v			,		ctions on F	Reverse	Side)						
De	liverabi	lty			Test Date 6/17/20	•					lo. 15 75-00136 - 1	0000			
Company		per	ating, L.L.C		0/11/20	· ·	Lease Wolf		,			1-1		Number	
County Hamilto	on		Location 1980 FN	on L & 1980 FEL	Section 18		TWP 23S			RNG (E/W 40W	/)		Acres	Attributed	
Field Bradsh	aw				Reservoir Winfiel						ering Conne Energy Serv		A	(CC 1.	
Completio 08/28/6		•			Plug Bac 2540	k Total De	pth	•		Packer Se	t at		J	UN	
Casing Size 4.5			Weigh 10.5	t	Internal [4.052	Diameter	Set at 2550			Perfora 2500	tions	то 252	0 8	CC WIC UN 05 20 RECEIVED	
Tubing Si 2.375	ize		Weigh 4.7	l	Internal I 1.995		25	t at 30		Perfora		То		- SEIVEL	
Type Con Single (Gas				Type Flui Water	d Production	on ,			Pump U		_	es / No		
Producing Annulus	_	(Anr	nulus / Tubing		% C	arbon Diox	xide		·	% Nitroge	n	Gas	Gravity -	- G _g	
Vertical D 2550	epth(H)		-		Pre	ssure Taps					(Met	ər Run) ((Prover) Size	
Pressure	Buildup); {	Shut in	/16 2	0_14_at_8	:00	_ (AM) (PN	1) Take	en	6/17	20 .	14 _{at} 8:00		_ (AM) (PM)	
Well on L	ine:	;	Started	2	0 at		_ (AM) (PN	1) Take	en	41	20	at		_ (AM) (PM)	
						OBSERV	ED SURFA	CE DA	TA		ļ	Duration of Sh	ut-in_24	4 Hours	
Static / Orifice Dynamic Size Property (inches)			Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	mperature Wellnead		I		bing I Pressure P ₁) or (P _c) psia	Duration (Hours)	I '		
Shut-In			,				47	61.		0	14.4	24			
Flow												<u> </u>			
			Circle one:			FLOW ST	REAM ATT	HIBUI	ES			1		Florida	
(F _b) (F	Coefficient (F _b) (F _p) Mofd		Meter or wer Pressure psla	Press Extension P _m x h	Grav Fact F _g	or	Flowing Temperature Factor F _{II}		Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m	
					(OPEN FLO	יו ופאר (DEL	VERABII II	Y) CAI	CULA	TIONS					
(P _c) ² =		:	(P) ² =	:	P _d =			(P _c - 14			:		$(P_a)^2 = 0$ $(P_a)^2 = 0$.207	
$(P_o)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _o) ² - (P _w) ²		Choose formula 1 or 2. 1. $P_0^2 - P_0^2$ 2. $P_0^2 - P_d^2$ fivided by: $P_0^2 - P_d^2$	LOG of formula 1. or 2. and divide	P _c ² - P _w ²	Backp S	Backpressure Curv Slope = "n" or Assigned Standard Stope		n x LC	og [Antilog		Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flor	w			Mcfd @ 14.	65 psia		Deliver	ability		<u> </u>	<u> </u>	Mcfd @ 14.65	 psia		
The 1	undersid	ned	authority, on	behalf of the		tates that	he is dulv	authoria	zed to	make the	above repor	t and that he	has kno	wledge of	
	•	•	•	id report is true			•				•			, 20 15 .	
			Witness (if	any)			Receiv CORPORATIO	N COMM			For Co	mpany			
			For Commi	ssion		J	UN 15	2015	•		Check	ed by			

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 Wolf 1-18
gas well on the grounds that said well:
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: _5/12/2015
Received KANSAS CORPORATION COMMISSION Signature: Katie Wright, Regulatory Analyst Commission Commissi
CONSERVATION DIVISION WICHITA, KS

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.