KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test					(See Instruc	tions on Re	verse Side	e)				
✓ or	en Flo	W			Test Date	e:			API	No. 15			
De	liverabi	ilty			7/19/20					189-22516 -	-0000		
Company		pera	ating, L.L.C	· ·			Lease Brown					Well N 3-9	umber
County Location Stevens 1320 FSL & 1320 FWL			Section 9				RNG (E/ 36W	W)		Acres	Attributed C WICK 0.5 2015 EIVED		
Field Walker	neyer				Reservoir Morrov					hering Conn Field Servi	ection ces	1112	WICK
Completion 7/12/20	on Date				Plug Bac	k Total Dep	th ,		Packer S	Set at		=0 / Y	15 2015
Casing S 5.5			Weight 17.0		Internal Diameter 4.95		Set at 6498		Perforations 6070		то 6090	- ! <	EIVED
Tubing Size 2.875			Weigh 6.5	t	Internal Dian 2.441		ster Set at 6029		Perforations		То		
Type Con Single -		ı (De				d Production		<u>-</u>	Pump Ur Plunge		Plunger? Yes	/ No	
Producing		(Ann	ulus / Tubing	3)		arbon Dioxi	de		% Nitrog		Gas G	ravity -	G _g
Tubing Vertical D)enth/H	n				Pres	sure Taps				(Meter	Bun) (Prover) Size
6080	opun(r	,				Flan	•				(inotor	110117 (1	10701, 0120
Pressure	Bulldu	o: S	Shut in	3 2	0_14_at_8:	:00	(AM) (PM)	Taken_7/	19	20	14 at 8:00		(AM) (PM)
Well on L	ine:	S	Started	2	0 at		(AM) (PM)	Taken		20	at,		(AM) (PM)
						OBSERVE	D SURFAC	E DATA			Duration of Shut	-in_24	Hours
Static / Dynamic Property	Orific Size (Inche	•	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	(P _w) or (F	Pressure (,) or (P_c)	Wellhe (P _w) or	ubing ad Pressure (P,) or (P _c)	Duration (Hours)		uid Produced (Barrels)
Shut-In			poig (i iii)	11.01.00 11.20		-	132	psia 146.4	132	146.4	24	+	
Flow													
						FLOW STR	EAM ATTR	IBUTES					
Plate Coeffied (F _b) (F Mcfd	ient	1	Circle one: Meter or ver Pressure psla	Press Extension	Grav Fact F	tor 7	Flowing Temperature Factor	Fa	ration ctor r	Metered Flov R (Mcfd)	y GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
										·			
/D.\2			45.12		-	OW) (DELIV) ² = 0.1	207
(P _c) ² =		<u>-:</u>	(P _w)*=	Choose formula 1 or 2.	P _d = .		T	<u>- 14.4) +</u>		= :	(P _d)	<u> </u>	
(P _e) ² - (I or (P _e) ² - (I		(P _c)²- (P _w)²	 P₀² - P_a² P_c² - P_d² divided by: P_c² - P_d² 	LOG of formula 1. or 2. and divide	P ₂ -P ₂	Slop As	ssure Curve be = "n" - or signed ard Slope	nxl	.og]	Antilog	De	pen Flow diverability s R x Antilog (Mcfd)
						<u> </u>	<u> </u>	<u> </u>				_	
_													
Open Flow Mcfd @ 14.65 psia				Deliverability Mcfd @ 14.65 psia									
•				n behalf of the							rt and that he ha		
_			Witness (ii	any)	 		-			For C	Company		
			For Cammi	ssion		· · · · · · · · · · · · · · · · · · ·	_			Chec	ked by		

			state of Kansas that I a	•				
exempt status un	nder Rule K.A.R. 82-3-30	4 on behalf of the or	erator_Chesapeake Ope	erating, L.L.C.				
and that the fore	egoing pressure informa	tion and statement	s contained on this appli	cation form are true and				
correct to the bea	st of my knowledge and l	belief based upon a	vailable production sumn	naries and lease records				
of equipment ins	tallation and/or upon type	e of completion or u	pon use being made of th	e gas well herein named.				
l hereby requ	uest a one-year exemptic	on from open flow te	sting for the Brown 3-9					
gas well on the g	grounds that said well:			KCO.				
				KCC WICHI JUN 05 2015 RECEIVED				
(Chec	k one)			JUN 115 2000				
	is a coalbed methane	•		RECEU CUIS				
	_ · · ·	is cycled on plunger lift due to water						
	<u>-</u>	-	o an oil reservoir undergo	oing ER				
		·	proval Docket No	<u> </u>				
√	is not capable of prod	lucing at a daily rate	e in excess of 250 mcf/D					
staff as necessa	ry to corroborate this cla			nts deemed by Commission				
Date: 5/11/2015	<u>, </u>							
		-	atre Wnd					
		nue. <u>- tano</u>		, - -				

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.