KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruc	tions on Re	verse Side))				
✓ Op	en Flo	w		•	Test Date	*			ΔĐ	l No. 15			
. De	liverab	ilty			3/28/20				15-	075-20290 -	0000		
Company		Oper	ating, L.L.C				Lease Wood				;	w∈ 5-29	ell Number
County Hamilto	n		Locati 3300 FS	on L & 1980 FEL	Section 29		TWP 24S		RNG (E	/W)		Ac	res Attributed
Field Bradshaw			Reservoir Chase	Reservoir Chase			Gas Gathering Connection DCP Midstream Marketing			L.P.	KCCIA		
Completion Date 7/24/1979			Plug Bac 2384	Plug Back Total Depth 2384			Packer Set at None				JUN 05 200 RECEIVED		
Casing Size Weight 4.5 10.5			Internal I 4.052					orations 3		то 2347	RECE" 20		
Tubing Size 2.375		Weigh 4.7	t	Internal E 1.995	Diameter	er Set at 2378		Perforations		-	То	PEIVEL	
Type Con Single (n (De	escribe)		Type Flui Water	d Production	on		Pump U Pump	nit or Traveling Unit	Plunger?	Yes /	No
	Thru	(Anı	nulus / Tubing	1)	% C	arbon Diox	ride		% Nitrog	gen		Gas Gravi	ity - G _g
Vertical D		1)				Pres	ssure Taps						n) (Prover) Size
2450						Flar	_	_				3.068	
Pressure	Buildu	p:	Shut in _3/2	92	0 <u>14</u> at 8	:00	(AM) (PM)	Taken_3/	/28	20	14 at 8	3:00	(AM) (PM)
Well on L	ine:		Started	2	0 at		(AM) (PM)	Taken		20	at		(AM) (PM)
					-	OBSERVI	ED SURFAC	E DATA			Duration o	of Shut-in	24 Hours
Static / Dynamic Property	Orifi Siz (Inch	e	Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential re in Inches H ₂ 0	temperature (P_w) or (P_1) or (P_0) (P_w) or (P_1) or (P_1) or (P_2)		ead Pressure	Durati (Hour		Liquid Produced (Barrels)			
Shut-In			F=-8 (* ····y				77	91.4	psig 56	70.4	24	,	
Flow													
						FLOW ST	REAM ATTR	IBUTES					
Plate Coeffiect (F _b) (F Mcfd	ient ,)	Pro	Circle one: Meter or ver Pressure psla	Press Extension P _m xh	Grav Fact F _s	tor	Flowing Temperature Factor F _{ft}	Fa	riation actor F _{pv}	Metered Flov R (Mcfd)		GOR Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m
(P _c) ² =		_:	(P _w) ² =	<u> </u>			VERABILITY .% (I	7) CALCUI P _e - 14.4) 4		:		$(P_a)^2 = (P_d)^2 =$	0.207
(P _e) ² - (F or (P _e) ² - (F		(F	(°)2- (P _w)2	Choose formula 1 or 2 1. P _o ² - P _a ² 2. P _a ² - P _o ² divided by: P _o ² - P _o ²	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Slo As	essure Curve pe = "n" - or signed tard Stope	n x	LOG	Antilo	og E	Open Flow Deliverability Equals R x Antilog (Mcfd)
		_					_				_		
Open Flor	w			Mcfd @ 14.	65 psia		Deliverat	oility			Mcfd @ 14	4.65 psia	
		_		n behalf of the						he above repo May			knowledge of, 20
-											Company		
			Witness (i										
			For Comm	lssion			•			Chec	ked by		

l declare unde	er penalty of perjury under the laws of the state of Kansas that I an	n authorized to request
exempt status und	er Rule K.A.R. 82-3-304 on behalf of the operator <u>Chesapeake Oper</u>	ating, L.L.C.
	oing pressure information and statements contained on this applica-	
_	of my knowledge and belief based upon available production summa	
	llation and/or upon type of completion or upon use being made of the	•
	est a one-year exemption from open flow testing for the Wood 5-29	
	ounds that said well:	KCC WICI JUN 05 201 RECEIVED
(Check	one)	JUN .
· 🗆	is a coalbed methane producer	D= U5 201
H	is cycled on plunger lift due to water	KECEIVER
	is a source of natural gas for injection into an oil reservoir undergoil	ng ER
	is on vacuum at the present time; KCC approval Docket No	
7	is not capable of producing at a daily rate in excess of 250 mcf/D	
_	to supply to the best of my ability any and all supporting document to corroborate this claim for exemption from testing.	s deemed by Commission
Date: 5/12/2015	<u> </u>	
•	Signature: <u>Latie</u> Un	ight

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.