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

Type Test	t:			•		ſ	See Instruc	tions on He	verse Side	9)					
= :	en Flo					Test Date	ə:			API	No. 15				
De	liverab	ilty					to 12/9/15	5			7-21,450-00-	00			
Company Rains &		mso	n Oil Co., Ir	ıc.				Lease Hagan					1	Vell Nur	nber
County Barber	•					Section 23		TWP 32S		RNG (E 10W	RNG (E/W) 10W			Acres A	ttributed
Field McGuire	-Goei	man	n			Reservoir Miss. Cl					thering Conne	ection		Ko	·
Completic	on Dat	e				Plug Bac 4408	k Total Dep	th		Packer s	Set at				CMIC
Casing S 5.5	ize		Weigh	t		Internal [Diameter	Set 442		Perio	rations 0		To 4380	J.	CEIVED
Tubing Si	ize	_	Weigh	t		internal [Diameter	Set 439	at		rations		То		CEIVED
Type Con single	npletio	n (De	escribe)	- 4		Type Flui Oil/SW	d Productio				nit or Traveling	Plunger	? Yes		
Producing	•	(Anr	nulus / Tubing	1)		% C	Carbon Diox	ide		% Nitrog			Gas Gra	avity - G	g
annulus Vertical D		4)					Pres	ssure Taps					(Meter F	Run\ /Pr	over) Size
vortibus E	zopu (i	''					1 100	sourc raps					(meter)	idil) (i i	OVEI) 0126
Pressure	Buildu	p:	Shut in	3	2	0 15 at 7	:00 am	(AM) (PM)	Taken_12	2/9	20	15 at_	7:00 ar	n(/	AM) (PM)
Well on L	ine:	,	Started		20	0 at		(AM) (PM)	Taken		20	at _			λM) (PM)
							OBSERVE	D SURFAC	E DATA	_,		Duration	of Shut-i	in	Hours
Static / Dynamic Property	Oriti Siz (inch	e	Circle one: Meter Prover Pressu psig (Pm)		Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	I Wellhead Pressure I Wellhead Pressu		r (P ₁) or (P _c)		Duration (Hours)		Produced arrels)	
Shut-In			parg (r my	1	1120			150	psia	psig	psia	24		<u> </u>	
Flow			-		_		-								
	·						FLOW STE	REAM ATTR	IBUTES						
Plate Coeffied (F _b) (F Mofd	ient ,)	Pro	Circle ane: Meter or ver Pressure psla		Press Extension P _m xh	Grav Fact F _s	tor	Flowing Temperature Factor F _{II}	Fa	riation actor _{pv}	Metered Flow R (Mcfd)	,	GOR (Cubic Fee Barrel)	et/	Flowing Fluid Gravity G _m
						(OPEN EL	OW) (DELIN	/ERABILITY	CALCUI	ATIONS					
(P _c) ² =		_:	(P _w) ² =		:	P _d =			P _c - 14.4) +		_:		(P _a)² (P _d)²	2 = 0.20 2 =)7
(P _c) ² - (I or (P _c) ² - (I	P _a) ²	(F	_c)²- (P _w)²	<i>Choo</i> 1	ise formula 1 or 2: $P_c^2 - P_d^2$ $P_c^2 - P_d^2$ ed by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P _c ² -P _w ²	Backpre Sio As	essure Curve pe = "n" - or ssigned dard Slope		ГЭ	Ant	tilog	Deliv Equals	en Flow verability R x Antilog Mcfd)
Open Flo	pen Flow Mcfd @ 14.65 psia Deliv								oility	_		Mcfd @	14.65 psi	a	
			d authority, or n, and that sa Witness (i	id r	report is true					_		rt and the	nat he ha	,2	edge of 0 <u>15</u> .
			For Comm	issio	n					<u> </u>	Chec	ked by			

exempt status under Rule K.A.R. 82-3-304 on behalf of the operator_Rains & Williamson Oil C	orized to request o., Inc.
and that the foregoing pressure information and statements contained on this application fo	
correct to the best of my knowledge and belief based upon available production summaries a	nd lease records
of equipment installation and/or upon type of completion or upon use being made of the gas we	ell herein named.
! hereby request a one-year exemption from open flow testing for the Hagan #1	
gas well on the grounds that said well:	
	KCC WIC DEC 22 20, RECEIVED
(Check one)	DECONIC
is a coalbed methane producer	2 22 20
is cycled on plunger lift due to water	RECEIL
is a source of natural gas for injection into an oil reservoir undergoing ER	EL
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 deen staff as necessary to corroborate this claim for exemption from testing.	ned by Commission
Date: December 18, 2015	
Signature: <u>Juanita M. D/E</u> Title: <u>Rresident</u>	'en_
TITIE:	

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.

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