KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:				(See Instruct	ions on Rev	erse Side)				
⊠ 0p	en Flo	w			Test Date	·-			ΔĐI	No. 15			
De	liverab	ilty			04/03/20					-20869-00-0	00		
Company Empire E		уΕ	& P LLC				Lease Reynold:	S			1	Well Nur	mber
County Comanc	he		Locati C SE S		Section 19		TWP 32S		RNG (E/	W)		Acres A	ttributed
Field Green					Reservoir Mississi				Gas Gat Onek	hering Conn	ection		
Completic 1/29/199		е			Plug Bac 5700	k Total Dept	h		Packer S None	Set at	· · -	-	
Casing Si 5.5	ize		Weigh 15.5#		Internal D 4.950	Diameter	Set at 6259		Perfo 508	rations 8	то 5130		
Tubing Si 2.875	ze		Weigh	t	Internal D 2.441	Diameter	Set at 5516		Perfo 550	rations	то 5504		
Type Con	npletio	n (De				d Production		<i>'</i>			Plunger? Yes	/ No	
Single (-	-		Dry Ga				NO				
Producing Annulus	-	(Anı	nulus / Tubing	1)	% C	arbon Dioxi	de		% Nitrog	en	Gas Gr	avity - G	9
Vertical D	epth(F	1)				Pres	sure Taps				(Meter I	Run) (Pr	over) Size
Pressure	Buildu	n.	Shut in 04/	02 ,	, 15 _{at} 9	:15 AM	/AM) /PM) 1	Taken 04	1/03	20	15 _{at} 9:15 A	М ,	
Well on L		•					-				at		
						OBSERVE	D SURFACE	DATA			Duration of Shut-	in 24	Hours
Static /	Orifi	ce	Circle one: Meter	Pressure	Flowing	Well Head	Casi	nġ	1	Tubing			
Dynamic Property	Siz (inch		Prover Pressu psig (Pm)	Differential in Inches H ₂ 0	Temperature t	Temperature t	(P _w) or (P _t) or (P _c)	(P _w) o	ad Pressure r (P ₁) or (P _c)	Duration (Hours)		l Produced Sarrels)
Shut-in			psig (Fill)	Iliches H ₂ 0			psig 150	psia	psig_	psia			
Flow										-	•		
						FLOW STR	EAM ATTRI	BUTES		•			,
Plate			Circle one: Meter or	Press	Grav	rity	Flowing	Devi	iation	Metered Flov	v GOR		Flowing
Coeffied (F _b) (F		Pro	over Pressure	Extension √ P _m x h	Fac F	ioi	Temperature Factor		ctor Pv	R (Mcfd)	(Cubic Fe Barret)		Fluid Gravity
Mcfd			psia	V 'm^"	- '	•	F _{f1}	<u> </u>	ρv	(inolog)			G _m
/D \2 -			/D \2 -		•	• •	ERABILITY)				(P _a) (P _d)	² = 0.20	07
(P _c) ² =		<u> </u>	(P _w) ² =	Choose formula 1 or 2	P _a =		1	- 14.4) +		·	(F _d)		
(P _c) ² - (P _s) ²		(P _c) ² - (P _w) ²		1. P _c ² -P _a ²	LOG of formula		Backpressure Curve Slope = "n"				Antilog		en Flow verability
(P _c) ² - (I	P _s)2			2. P _a ² -P _d ²	1. or 2. and divide	P _c ² - P _w ²	Ass	igned			Antilog	1 .	R x Antilog Mcfd)
				divided by: P _c ² - P _x	2 by:	<u> </u>	Standa	rd Slope				<u> </u>	-
Open Flo	l			Mcfd @ 14	65 nsia		Deliverabi	lity			Mcfd @ 14.65 ps	ia	
					•						•		
		-	•				_			,	ort and that he ha		20 <u>15</u> .
ine facts s	iated t	uere	iri, and that s	aid report is tru	e and correc				day of A			, 2	.0
			Witness (f any)	KANS	Rece AS CORPORA	rived TION COMMISSI	ION	wwn		Company		
			For Comn			APR 0				Chn	cked by		
			i di Gorilli				v LUIJ			Cité			

CONSERVATION DIVISION WICHITA, KS

exempt status und and that the foreg correct to the bes of equipment insta	er penalty of perjury under the laws of the state of Kaler Rule K.A.R. 82-3-304 on behalf of the operator Emploing pressure information and statements contained of my knowledge and belief based upon available produlation and/or upon type of completion or upon use bein	on this application form are true and duction summaries and lease records g made of the gas well herein named.
	est a one-year exemption from open flow testing for the bunds that said well:	Treytholds # !
(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 reser is on vacuum at the present time; KCC approval Docke	
✓	is not capable of producing at a daily rate in excess o	f 250 mcf/D
_	ϵ to supply to the best of my ability any and all supportion to corroborate this claim for exemption from testing.	ing documents deemed by Commission
Date: <u>04/07/2015</u>		
A	Received PRO 9 2015 Signature: Millon Millson Signature: District Manager ERVATION DIVISION WICHITA, KS	Jarg .

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.