KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test			•		(See Instruct	tions on Rev	erse Side	;)				
`	en Flo liverab				Test Date 09/27/1:					No. 15 107-22855-0	00-00		
Company		PER	EATING CON	PANY, LLC			Lease BOWER				1	Well N	nuper
County BARBER	₹		Locatio		Section 26		TWP 33S		RNG (EA	N)		Acres	Attributed
Field ROUND	UP S	דטכ	Ή		Reservoir MISSIS				Gas Gath	ering Conn	ection		
Completic 9/11/06	on Dat	е			Plug Bac 4771	k Total Dept	ih		Packer S NONE	et at			
Casing S 4.500	ize		Weight 10.500		Internal I 4.052	Diameter	Set a 4604		Perfor 4564		то 46 11		
Tubing Si 2.375	ize		Weight 4.70		Internal D 1.995	Diameter	Set a 4632		Perfor 4632	ations	To 4532		
Type Con	•	n (D			Type Flui	d Production	า	-		it or Traveling		/ No	
	g Thru	(An	nulus / Tubing)		Carbon Dioxi			% Nitroge		Gas G .633	ravity -	G _g
Vertical D		ł)				Pres:	sure Taps NGE					Run) (F	Prover) Size
Pressure	Buildu	D.	Shut in 09/2	7/13			(AM) (PM)	Taken 09	9/28/13	20	at		(AM) (PM)
Well on L		•									at		
						OBSERVE	D SURFACE	E DATA			Duration of Shut	-in	Hours
Static / Dynamic Property	Orifi Siz (inch	е	Circle one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	Casi Wellhead I (P _w) or (P _t	Pressure) or (P _c)	Wellhea (P _w) or	ubing id Pressure (P _t) or (P _c)	Duration (Hours)		id Produced (Barrels)
Shut-In			p	mondo rigo			psig 100	psia	110	psia	24		
Flow				<u> </u>		<u> </u>	:						
51			Circle one:		$\overline{}$	FLOW STR	EAM ATTRI	BUTES	· · ·				· ·
Plate Coeffied (F _b) (F Mofd	ient p)	Pro	Meter or over Pressure psia	Press Extension ✓ P _m xh	Grav Fac F	tor	Flowing Femperature Factor F _{ft}	Fa	iation etor - pv	Metered Flow R (Mcfd)	y GOR (Cubic Fo	eet/	Flowing Fluid Gravity G _m
<u> </u>					(OPEN FL	OW) (DELIV	ERABILITY)	CALCUL	ATIONS				
(P _c) ² =		:	(P) ² =	:	P _a =	, ,	•	- 14.4) +		:) ² = 0.2) ² =	207
(P _c) ² - (I or (P _c) ² - (I		(F	P _e) ² - (P _g) ²	thoose formula 1 or 2 1. $P_c^2 - P_c^2$ 2. $P_c^2 - P_d^2$ thirded by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide		Backpres Slop Ass	ssure Curve be = "n" or	nxl	og [Antilog	O De	pen Flow eliverability is R x Antilog (Mcfd)
Open Flo	w			Mcfd @ 14	65 psia	· · · · · · · · · · · · · · · · · · ·	Deliverabi	ility			Mcfd @ 14.65 ps	ia.	
		igne	d authority, on		•	states that h			o make th	-	rt and that he h		vledge of
the facts s	tated t	here	in, and that sa	id report is true								1	20 13 .
			Witness (if	any)	i	KCC V	VICHIT	t w	m R C	Halla	ero de		
			For Commis	ssion		DEC-3	1 2013-			Che	cked by		

(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 Comrestaff as necessary to corroborate this claim for exemption from testing.	exempt status under and that the forego correct to the best of equipment instal I hereby reque	r penalty of perjury under the laws of the state of Kansas that I am authorized to request er Rule K.A.R. 82-3-304 on behalf of the operator WOOLSEY OPERATING CO., LLC bing pressure information and statements contained on this application form are true and of my knowledge and belief based upon available production summaries and lease records lation and/or upon type of completion or upon use being made of the gas well herein named.
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 Comrestaff as necessary to corroborate this claim for exemption from testing.	jas well on the gro	unds that said well:
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Staff as necessary to corroborate this claim for exemption from testing. Date: 12/17/13	~	is not capable of producing at a daily rate in excess of 250 mcf/D
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	staff as necessary	
and a star of	staff as necessary	
	staff as necessary	
Title: FIELD MGR.	staff as necessary	to corroborate this claim for exemption from testing. Signature: Work Hallay

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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