Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			(See	e Instructi	ons on Reve	erse Side))	· ·		
Open	Flow	٠	Test Date:			: `	A DU A			
Delive	erabilty 24HeS	net la Tect	Test Date: 10/17/13	•			API N 15-03	33-21046 -	- 0000	
Company	Warrior Inc.	mi in resi	• , •		Lease Bremer					Well Number
County Comanche		ation SE-SE	Section 33		TWP 32		RNG (E/W 18W	/)		Acres Attributed
Field Wildcat		· · · · · · · · · · · · · · · · · · ·	Reservoir Pawnee					ering Conn	ection n Warrio	
Completion 03/27/01	Date	•	Plug Back To 5180'	otal Depth	1		Packer Se			
Casing Size	• Weig	-	Internal Diar 4.950	neter	Set at 5297		Perfora 5102'		то 5134 '	
Tubing Size 23/8	Weig 4.70	•	Internal Diar	neter	Set at 5170		Perfora	tions	То	
Type Compl Gas	letion (Describe)		Type Fluid P				Pump Unit Pumpin		Plunger? Yes	/ No
Producing T	Thru (Annulus / Tubi	ng)	% Carb	on Dioxid	le		% Nitroger		Gas G	ravity - G _o
Annulus				:		,	•	·		
Vertical Dep	oth(H)			Press	ure Taps	.•		· · ·	(Meter	Run) (Prover) Size
Pressure Bu	uildup: Shut in 10)/17 20	13 _{at} 9:00	AM	(AM) (PM) 1	aken_1()/18	20	13 _{at} 9:00A	M (AM) (PM)
Well on Line	e: Started	20	at		(AM) (PM) T	aken		20	at	
		• • • • •	OI	BSERVED	SURFACE	DATA			Duration of Shut	-in 24 Hours
Dynamic	Orifice Size Prover Pres	Differential .	Temperature Ten	ell Head nperature	Casin Wellhead P (P _w) or (P ₁)	ressure	Wellhead	oing I Pressure	Duration (Hours)	Liquid Produced (Barrels)
, roperty (psig (Pm) Inches H ₂ 0			, psig '	psia	psig	psia		
Shut-In					130					
Flow			, ·		25					
·			FL	OW STRE	EAM ATTRIE	UTES				
Plate Coefficcient (F _b) (F _p) Mcfd	t Meter or Prover Pressure psia	Press Extension P _m xh	Gravity Factor F _g	Те	Flowing Imperature Factor	Fa	ation ctor	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	
		,					1	•		
$(P_{\lambda})^2 =$: (P)²		(OPEN FLOW)	(DELIVE						² = 0.207
(' c) =	(r _w /	Choose formula 1 or 2:	P _d =		· · · ·	- 14.4) +	14.4 =		(P _d)	
(P _c) ² - (P _a) ²	² " (P _c) ² - (P _w) ²	1. P _c ² -P _a ²	LOG of .		Backpress Slope		n x LO	G	Amellow	Open Flow Deliverability
(P _c) ² - (P _d) ²	2	2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. or 2. and divide by:	²-P _w ²	· Assig			<u>: .</u>	Antilog	Equals R x Antilog (Mcfd)
			1		,					
<u>. :</u>							·			
Open Flow		Mcfd @ 14.6	5 psia	-	Deliverabili	ty	· . · ·	1	Mcfd @ 14.65 ps	ia
The und	dersigned authority,	on behalf of the C	company, state	s that he	is duly auth	orized to	make the	above repo	rt and that he ha	as knowledge of
	ed therein, and that s	and the second		•				TOBER		, ₂₀ <u>13</u>
							,	• • •		
	Witness	(if any)					•		omannu.	
	AAIIIIGSS	(11 dily)			·			For C	ompany	KCC WICH
	For Com	mission		,		····	* :	Chec	ked by	

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			· ' · '.
	• •		
		6	
I declare under penalty of perju	•	i i	
exempt status under Rule K.A.R. 82-			
and that the foregoing pressure info	•		
correct to the best of my knowledge			
of equipment installation and/or upo		· · · · · · · · · · · · · · · · · · ·	is well herein named.
I hereby request a one-year exe	mption from open flow	testing for the Bremer 1-33	<u>·</u>
gas well on the grounds that said we	ell:		
	,		
(Check one)			
is a coalbed met	•		
is cycled on plun	iger lift due to water	• .	
is a source of na	tural gas for injection in	nto an oil reservoir undergoing	ER
is on vacuum at t	the present time; KCC a	approval Docket No	
is not capable of	producing at a daily ra	ate in excess of 250 mcf/D	
I further agree to supply to the b	pest of my ability any a	nd all supporting documents o	leemed by Commission
staff as necessary to corroborate th	is claim for exemption	from testing.	
Date: 10/31/2013		•	
Date.			
	•		
,			
	•	Ω	
	Cianatura	X had his all as a	
	Signature:	source grant	
	Title: PR	ODUCTION ASSISTANT	
	•	·	

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.

NOV 27 2013

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