**RECEIVED** 

## KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(	See Instruc	tions on Re	everse Side	e)				
✓ Op	en Flo	w			Test Date				ADI	No. 15			
De	liverab	ilty			10/20/20					175-21253 <i>-</i>	-0000		
Company Chesap		e Op	perating, I	nc.			Lease Bryant	В			4-8	Well N	umber
County Location Seward 2310' FSL & 330' FEL			Section 8	·	TWP 33S			RNG (E/W) 33W .		Acres Attributed			
Field					Reservoir Morrow	& Cheste	r			thering Conn lidstream Ma			
Completion Date 7/23/1992				Plug Bac 6079'	Plug Back Total Depth			Packer	Set at				
· ·				Internal D 4.950	Diameter	Set at <b>6156'</b>		Perforations 5721'		то 5754' (ОА)		•	
Tubing Size Weight 2-7/8 6.5			Internal Diameter 2.441		Set at 6089		Perforations 5814'-5820		To 6031'-6049'				
Type Completion (Describe) Gas - Commingle				Type Flui Water	d Productio					g Plunger? Yes / No			
	g Thru	_	nulus / Tubin	g)	% C	arbon Diox	ide		% Nitrog		Gas C	Gravity -	G <sub>g</sub>
ertical D		H)		,		Pres	ssure Taps				(Mete	r Run) (F	Prover) Size
	Buildu	ıp:	Shut in _10/	20 2	13 at 0	7:00	. (AM) (PM)	Taken_1	0/21	20	13 at 07:00	)	(AM) (PM)
Vell on L					0 at		. (AM) (PM)	Taken		20	at		(AM) (PM)
						OBSERVI	D SURFAC	E DATA			Duration of Shu	ıt-in24	Hours
Static / lynamic Property	namic Size Prover Pressure		Pressure Differential in Inches H <sub>2</sub> 0	Flowing Temperature t	Well Head Temperature t	$(P_w)$ or $(P_t)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In			. paig (1 iii)	inches 11 <sub>2</sub> 0			psig 8	22.4	psig 0	14.4	24		
Flow				·									
						FLOW STI	REAM ATTE	RIBUTES					
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one:  Meter or  Prover Pressure  psia		Press Extension √ P <sub>m</sub> xh	Grav Fac F <sub>e</sub>	tor	Flowing Temperature Factor F <sub>11</sub>	Fa	viation actor F <sub>pv</sub>	Metered Flo R (Mcfd)	w GOF (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>m</sub>
					(OPEN FL	OW) (DELIN	/ERABILITY	/) CALCUI	ATIONS			$a^{2} = 0.2$	207
P <sub>c</sub> ) <sup>2</sup> =		_:	(P <sub>w</sub> ) <sup>2</sup> =	·	. P <sub>d</sub> =		% (	P <sub>c</sub> - 14.4) +	- 14.4 =	<u> </u>		$_{d}^{a})^{2} = 0.7$	
$(P_c)^2 - (P_c)^2 - (P_c$		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	Slo As	essure Curve ppe = "n" or ssigned dard Slope	l n x	rog	Antilog	De	pen Flow liverability s R x Antilog (Mcfd)
				l .						1			
Open Flo				Mcfd @ 14	65 psia	,	Deliveral	hility			Mcfd @ 14.65 p	neia	
·i		iane	d authority o		·	tates that I		•	to make t	ho abovo roz	ort and that he		wlodgo of
				aid report is tru						ne above repo	or and that he h		20 <u>13</u> .
			Witness (	if any)			-			For	Company	KC	C WICH
			For Comm	nission .			-	•		Che	ecked by		<del></del>
												NF	C 12 201

I declare under xempt status unde		•			t I am authorized	to request			
and that the forego						ro truo and			
orrect to the best o									
of equipment install	_								
• •	t a one-year exen	• •	•	<del>-</del> .	<u>-</u>	annameu.			
as well on the grou			cir now testing	ioi ine					
as well on the grot	mas mar said we								
(Check o	ne)								
[ i	s a coalbed meth	ane producer.							
i	is cycled on plunger lift due to water								
	s a source of nati	ural gas for inj	ection into an o	il reservoir und	ergoing ER				
i 🗍 i	s on vacuum at th	ne present tim	e; KCC approva	l Docket No	·	<del></del>			
<b>√</b> i	s not capable of	producing at a	a daily rate in ex	cess of 250 m	of/D				
					•				
I further agree t	o supply to the b	est of my abili	ty any and all s	upporting docu	ments deemed by	Commissio			
taff as necessary t	o corroborate thi	s claim for ex	emption from te	sting.					
oate: 12/11/2013									
			abla	A.	120				
	•	Signat		MARKI	KOUT IN	2			
		Signativ	0. — <del>\y\cdot</del>		~ <del>V</del> V	<del></del>			

## 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.

MCC WICHITA

DEC 12 2013

RECEIVED