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

Type Tes	t:				-	(	See Instruc	tions on Re	everse Side	<del>)</del> )					
<b>√</b> or	en Flo	w				Test Date				4 DI	No. 15				
☐ De	li <b>ve</b> rab	ilty				7/13/20					033-20964 <b>-</b>	-0000			
Company		)pei	rating, L.L.	С.				Lease Booth				1-13	Well N	umber	
County	he		Loca 660 FS		320 FEL	Section 13		TWP 31S		RNG (E	/W)	,		Attributed	
Field Wilmor	e					Reservoi Marmat					thering Conn Field Service	ection Ces	KC	CEIVED	
Completion 9/29/98		е				Plug Bac 4913	k Total Dept	th		Packer 8	Set at		JU	1050	
Casing S 5.5	ize		Weig 15.5	ht		Internal D 4.950	Diameter	Set 561		Perfo 483	rations 0	то 4834	RE	CELLO	
Tubing S	ize		Weig 4.7	ht		Internal I 1.995	Diameter	Set 488		Perfo	rations	То		ED	
Type Completion (Describe) Gas					Type Fluid Production Water				Pump Unit or Traveling F Pump Unit			/ No			
Producing Thru (Annulus / Tubing) Annulus						% Carbon Dioxide							Gas Gravity - G <sub>g</sub> .626		
Vertical Depth(H) 5675					Pressure Taps Flange				<u>-</u>		(Meter 2.06		rover) Size		
Pressure	Buildu	o: ·	Shut in 7/1	2	20	14 at 8		<del></del>	Taken 7/	13	20	14 at 8:00		(AM) (PM)	
Well on L	ine:	;	Started		20	at		(AM) (PM)	Taken		20	at		(AM) (PM)	
							OBSERVE			1		Duration of Shu	<sub>t-in</sub> _24	Hours	
Static / Dynamic Property	ynamic Size		Circle one:  Meter Prover Pressure psig (Pm)		Pressure Differential in nches H <sub>2</sub> 0	Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>o</sub> ) psig psia		Tubing Wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$ psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In						.==		800	814.4	10	24.4	24		_	
Flow															
						_	FLOW STR	EAM ATTF	IBUTES						
Plate Coeffiec (F <sub>b</sub> ) (F Mcfd	ient p)		Circle ane: Meter or ver Pressure psia	1	Press Extension	Grav Facl F <sub>e</sub>	tor	Flowing Temperature Factor	Fa	iation ctor pv	Metered Flow R (Mcfd)	y GOR (Cubic F Barre	eet/	Flowing Fluid Gravity G <sub>m</sub>	
<b>(5.</b> ).0			47.10			•	OW) (DELIV		•				) <sup>2</sup> = 0.2	207	
(P <sub>c</sub> ) <sup>2</sup> =	Ī	<u>-</u> :	(P <sub>w</sub> )² =		o formula 1 or 2:	P <sub>d</sub> =			P <sub>c</sub> - 14.4) +	14.4 =	<del>:</del>	(P <sub>d</sub>	) <sup>2</sup> =		
$(P_o)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup>	LOG of formula 1, or 2. and divide post pw		Backpressure Curve Slope = "n" or Assigned Standard Slope				Antilog	De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	-			arvided	1 <i>by:</i> P <sub>0</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	by:	<u> </u>	Stand	iaiu oiope				<del>                                     </del>		
Open Flov	w			M	lcfd @ 14.6	55 psia		Deliverat	ility			Mcfd @ 14.65 ps	sia		
								=				rt and that he h		-	
the facts si	tated th	erei	n, and that s	aid re	port is true	and correct	t. Executed	this the		day of		<u> </u>		20 15	
<del></del>			Witness (	if any)				-	-		For C	ōmpany			
			For Comm	nission				-		·	Chec	ked by			

exempt status under Rule K.A.R and that the foregoing pressure correct to the best of my knowle	. 82-3-304 on behalf on behalf on the information and standinged and belief based	of the operator <u>Chesapeake</u> tements contained on this upon available production	application form are true and summaries and lease records
of equipment installation and/or			_
I hereby request a one-year gas well on the grounds that sa		n flow testing for the	KCC Mus
is cycled on is a source of is on vacuum  ✓ is not capab	n at the present time; le of producing at a d the best of my ability	ction into an oil reservoir und KCC approval Docket No laily rate in excess of 250 m any and all supporting doc	<u> </u>
	Signature: Title:	Casel C	

## 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.