KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				(See Instruc	tions on Re	verse Side)					
Open Flow			Test Date:			•	۸DI	No. 15						
✓ Deliverabilty			3/19/20		API No. 15 023-21095-00-00									
Company Caerus WashCo LLC				Leas RICE							Well Number 21-34			
County Location Cheyenne NENENW				Section 34		TWP 3S			(W)	Acres Attributed		ibuted		
Field Cherry Creek				Reservoir			Gas Gathering Connect STONES THROW G							
Completion Date 12/2/2008				Plug Back Total Depth 1667'			Packer Set at N/A			-	•			
Casing Size Weight 4.5" 10.5#				Internal [Diameter	Set at 1690'		Perforations 1510'		То 1522'				
Tubing Size V			eight /A		Internal Diameter N/A		Set at N/A		Perforations		То			
		(Describe)			Type Fluid Production			Pump Unit or Traveling P			Plunger? Yes / No			
		/Appulus / T	i shina\			Brine Water % Carbon Dioxide			NO - % Nitrogen			Gas Gravity - G		
Producing Thru (Annulus / Tubing) CASING					<1%			<1%						
Vertical C 1711'	Depth(H					Pres	ssure Taps				(Meter	Run) (Prov	er) Size	
Pressure	Buildup	o: Shutin .	Shut in 1/7		20_13 at_8:00		OAM (AM) (PM)		aken_1/8 2		13 at 8:45Al	M(AN	(PM)	
Well on L	ine:	Started .	Started		20 at		_ (AM) (PM) Taken_		20		at	(AN	1) (PM)	
						OBSERVI	ED SURFAC	E DATA			Duration of Shut-	-in	Hours	
Static / Orifice Dynamic Size Property (inches)		Me Prover F	Circle one: Meter Prover Pressure		re Flowing Well H		Wellhead	sing Pressure P,) or (P _c)			Duration (Hours)	Liquid P (Bar		
Property Shut-In	(inche	psig	(Pm)	Inches H ₂ 0	1	<u> </u>	psig 100	psia	psig	psia		-		
· Flow					-		100		-					
·	<u>. </u>			<u> </u>		FLOW STI		L IBUTES	<u> </u>	-				
Plate Coefficeient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Press psia	Meler or Prover Pressure		n Gravity Factor		Flowing Temperature Factor F _{II}	Fa	iation ictor pv	Metered Flow R (Mcfd)	v GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
					•									
(P _c)² ≃		. (5) \2 _	•	•		VERABILITY _% (I	') CALCUL P _e - 14.4) +			(P _a) (P _d)	r² = 0.207		
$(P_c)^2 \cdot (P_a)^2$ or $(P_c)^2 \cdot (P_d)^2$			(P _c) ² - (P _w) ²		P _d =		Backpresst Slope		n x	LOG	Antitog	Open		
Open Flow Mcfd @ 14.65 psia						Deliverat	Deliverability Mcfd @ 14.65 psia							
		-		pehalf of the				رسے	o make t	he above repo	ort and that he ha	as knowled		
	- "	,					- <u>-</u>			Jun - 1	I for w	 CC 144	 NOL 11-	
		Wil	ness (if ar	ny)			-	(100	Company	<i>⊌⊌ ∀∀</i> .aa -		
		For	Commissi	ion			-			Сће	cked by	\PR 0 9	2014	
												RECE	EIVED	

	nder penalty of perjury under the laws of the state of Kansas that I am authorized to request	t
exempt status u	inder Rule K.A.R. 82-3-304 on behalf of the operator_Caerus WashCo LLC	-
and that the for	regoing pressure information and statements contained on this application form are true and	1
correct to the b	est of my knowledge and belief based upon available production summaries and lease records	;
of equipment in	stallation and/or upon type of completion or upon use being made of the gas well herein named.	
I-hereby red	quest a one-year exemption from open flow testing for the RICE 21-34	
	grounds that said well:	
(Che	ock one)	
	is a coalbed methane producer	
	is cycled on plunger lift due to water	
Γ	is a source of natural gas for injection into an oil reservoir undergoing ER	_
Ī	is on vacuum at the present time; KCC approval Docket No	
Ĭ	is not capable of producing at a daily rate in excess of 250 mcf/D	
Ľ		
I further ag	ree to supply to the best of my ability any and all supporting documents deemed by Commiss	ion
	ary to corroborate this claim for exemption from testing.	
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וע	edu	
Date:	<u>8/14 - </u>	
		
-		
-	Signature:	
= -	Title: Operations Engineer	
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-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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