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

=	en Flo		J		(Test Date		tions on Re	verse Side	API	No. 15				
✓ Deliverability  Company					1/23/20	13	Lease		023	3-20905-00-0	00	Well No	umber	
Caerus WashCo LLC						McCALL						4-4		
County Location Cheyenne SWSWSW					Section 4		TWP 5S	5S 40W			Acres . 160	Attributed		
• • • • • • • • • • • • • • • • • • • •				Reservoir Niobrara		_	Gas Gathering Connec DRURY GATHERING							
Completion Date 4/30/2008					Plug Bac 1547'	Plug Back Total Depth 1547'			Packer Set at N/A					
Casing Size Weight 4.5" 10.5#				Internal [	Diameter		Set at 1569'		Perforations 1420'		To 1432'			
Tubing Size			Weight	t	Internal [	Internal Diameter		Set at 1443' -		Perforations		To		
•••				Type Flui	Type Fluid Production			Pump U	nit or Traveling	es / No				
N2 Frac		(An	nulus / Tubing	1)	Brine \	Vater Carbon Diox	ide .	Yes, PU % Nitrogen			Gas Gravity - G			
Annulus Vertical Depth(H)				<1%	<1% Pressure Taps			<1%			(Meter Run) (Prover) Size			
1590'	zepini(i	1)				1710:	ssuie iaps				, livier	er man, (r		
Pressure	Buildu	p:	Shut in	3 ;	20_13 at 9	:45AM	. (AM) (PM)	Taken_1/	24	20	13 at 12:4	ŀOPM	(AM) (PM)	
Well on L	.ine:		Started	2	20 at		(AM) (PM)	Taken		20	at		(AM) (PM)	
	-					OBSERV	ED SURFAC	E DATA			Duration of Sh	nut-in	Hours	
Static / Orifice Dynamic Size Property (inches)		e	Circle one: Meter Prover Pressu		Flowing Temperature t	Well Head Temperature t	Wellhead	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Tubing ad Pressure r (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	<u> </u>		psig (Pm)	Inches H <sub>2</sub> 0			psig 120	psia	psig	psia				
Flow	_						-							
	!		1		·	FLOW ST	REAM ATTR	IBUTES	1					
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		- Pro	Circle one: Meler or over Pressure psia	Press Extension ✓ P <sub>m</sub> xh	Gravity Factor F <sub>g</sub>		Temperature Fa		viation Metered Flow actor R F <sub>pv</sub> (Mcfd)		(Cubic	OR c Feet/ rrel)	Flowing Fluid Gravity G <sub>m</sub>	
	-		· -	· · · · ·					-		-	<u> </u>		
P <sub>c</sub> ) <sup>2</sup> =		;	(P <sub>w</sub> )² =	<u>-</u> :	OPEN FL	OW) (DELI	VERABILITY _% (I	') CALCUL P <sub>c</sub> - 14.4) +	_	- ;		$(P_a)^2 = 0.5$ $(P_d)^2 = \phantom{AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA$	207	
(P <sub>c</sub> ) <sup>2</sup> - ( or (P <sub>c</sub> ) <sup>2</sup> - (		(F	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or:  1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_d^2$	LOG of formula 1. or 2. and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpre Sto  As	essure Curve pe = "n" - or ssigned lard Slope	n x	roe ]	-Antilog	C De	open Flow diverability is R x Antilog (Mcfd)	
				•	-									
Open Flo	w			Mcfd @ 14	.65 psia		Deliverat	oility			Mcfd @ 14.65	psia		
		•	•	n behalf of the aid report is tru			•	0	o make tl day of	ne above repr	ort and that he	has knov	wledge of	
		-	,	,						mer 1	Lita	KC	C WICH	
		<u>-</u>	Witness (i	( any)						6	Ompany	۸D	R 0 9 201	
			For Comm	lissio <b>n</b>			•		<u>-</u>	Che	cked by			
												F	RECEIVE	

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I declare under penalty of perjury under the laws of the state of Kansas that I am authorized to request exempt status under Rule K.A.R. 82-3-304 on behalf of the operator Caerus WashCo LLC	
and that the foregoing pressure information and statements contained on this application form are true and correct to the best of my knowledge and belief based upon available production summaries and lease records of equipment installation and/or upon type of completion or upon use being made of the gas well herein named.  I hereby request a one-year exemption from open flow testing for the McCALL 14-4  gas well on the grounds that said well:	
(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 Commission	
Date: 4/8/14	- -
Signature:	

Instructions: If a-gas well meets one of the eligibility criteria set out in KCC regulation KtA.Rt 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.

APR 09 2014