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

Type Test:	:		0.112	-		` (	See Instruc	tions on Re	everse Side	;)					
=	en Flo iverab					Test Date 3/5/2013	•				I No. 15 3-20736-00-	00			
Company Caerus V		Co I	10			0,0,201		Lease HILT				<del>.</del>	Well N	umber	
County				! ^	Section			TWP RNG (E/W)		(/W)		Acres 160	Attributed		
Field				Reservoi	Reservoir Niobrara			Gas Gathering Connect Eureka Gathering							
Completion Date					Plug Back Total Depth			Packer I							
Casing Si	asing Size Weig .5" 10.5					Internal Diameter		Set at 1792'		Perforations 1671'		то 1679'			
	ubing Size Weig			ht		Internal Diameter 2"		Set at 1717'		Perforations		То			
				Type Flui	Type Fluid Production Brine Water			Pump Unit or Traveling Plu Yes, PU			unger? Yes / No				
Producing Thru (Annulus / Tubing)				% C	% Carbon Dioxide			% Nitrogen			Gas Gravity - G <sub>g</sub>				
Annulus Vertical Depth(H)			<1%	Pressure Taps				<1%			(Meter Run) (Prover) Size				
1800' Pressure	Buildre	D: 1	3/5	5		0_13_at_1	D:38AM	(AM) (PM)	Taken 3/	6		13 at 10:48	AM.	(AM) (PM)	
Well on Li	'											at			
							OBSERVI	ED SURFAC	E DATA			Duration of Shut-		Hours	
Static / Dynamic Property	namic Size		Meter Prover Pressure		Pressure Differential In Inches H <sub>o</sub> 0	Flowing Temperature t	Well Head Temperature t	Wellhead (P <sub>w</sub> ) or (F	sing I Pressure P <sub>1</sub> ) or (P <sub>c</sub> )	Wellho	Tubing ead Pressure or (P <sub>1</sub> ) or (P <sub>c</sub> )	Duration (Hours)		- Liquid Produced (Barrels)	
Shut-In			P3 ()		WISHIGS 1 125			psig 85	psia	psig	psia -				
Flow															
	<del>- ī</del>		_	<del></del>			FLOW STI	REAM ATTE	RIBUTES		I			<del></del>	
Plate Coeffiecient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia			Press Extension P <sub>m</sub> x h	Gravity Factor F <sub>g</sub>		Flowing Temperature Factor F <sub>ft</sub>	Fa	iation etor = <sub>pv</sub>	Metered Flo R (Mcfd)	w GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G <sub>m</sub>	
			n- v						-	-		-	-		
P <sub>c</sub> ) <sup>2</sup> =	-	:	(P <sub>w</sub> )² =	=	:	(OPEN FLO		VERABILITY	<b>/) CALCUL</b> P <sub>c</sub> - 14.4) +		:	(P̄a)	$a^2 = 0.5$	207	
$(P_g)^2 - (P_a)^2$ or $(P_g)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>		Choo	ose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ed by: $P_c^2 - P_w^2$	LOG of formula 1. or 2 and divide	P <sub>c</sub> <sup>2</sup> -P <sub>w</sub> <sup>2</sup>	Backpre Sto	essure Curve ope = "n" - or		rog	Antilog —	Open Flow Deliverability Equals R x Antilog (Modd)		
	-		-								_	-	]-		
													<u></u>		
Open Flow					Mcfd @ 14.	•		Deliveral	-			Mcfd @ 14.65 ps			
		-	d authority, on, and that s					•	_			ort and that he ha		wledge of	
	11		, mile sites o	_,,,,	. Specio nac						Jan 1	Ru F		C WIC	
			Witness (	(if any	<i></i>			•		Ó	The state of the s	Company		PR 0.9_2	
			For Com	nissio	n			·			Che	cked bý		RECEIV	
														· ~~~~!\	

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 HILT 21-15	1
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	
- staff-as-necessary-to corroborate this-claim-for-exemption-from-testing.	-
Date: 4/8/14	   
Signature: Operations Engineer	

-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 CC WICHITA

APR 0 9 2014 RECEIVED