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

Reservoir   Gas Gathering Connection   RECURET   RECURS   RECURS   Reservoir   Gas Gathering Connection   RECURS   Reservoir   Gas Gathering Connection   RECURS   RECURS   RECURS   Reservoir   Gas Gathering Connection   RECURS   RECURS   Reservoir   Gas Gathering Connection   RECURS   Reservoir   Gas Gathering Connection   RECURS   RESEAU	ions on Reverse Side)	ons on Reverse Si	See Instructi	(-				Type Test:
Carpary Caerus Kansas LLC  County Location Section TWP RNG (E/W)  Reno SWNE 21 26S 9W  Field Reservoir Gas Gathering Connection Caerus Kansas LLC  Completion Date Plug Back Total Depth Packer Set at Perforations  Caerus Kansas LLC  Caerus Ka	API No. 15		:	Test Date				= :
Caerus Kansas LLC	155-19011-0000		)12	12-17-20			iverabilty	Deli
Reno SWNE 21 26S 9W  Field Reservoir Gas Gathering Connection Caerus Kansas LLC  RECOMPLETION Date Plug Back Total Depth 4163  Completion Gaser Set at Perforations To 3903 3913  CCC W  Coulding Size Weight Internal Diameter Set at Perforations To 4.7#  Coulding Size Weight A.7#  Completion (Describe) Type Fluid Production Pump Unit or Traveling Plunger? Yes No Pump Unit or Traveling Unit or Traveling Plunger? Yes No Pump Unit or Traveling Plunger? Yes No Pu						.c	ansas LL	
Static   Orifice   Static   Orifice   Size   (inches)   Pressure   Prover Pressure   Pressure   Prover Pressure   P	265 014/							
ype Completion (Describe) Water Pump Unit or Traveling Plunger? Yes No No Noticid/Frac Water Pump unit  Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G <sub>g</sub> Pressure Buildup: Shut in 12-16 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Taps (Meter Run) (Prover Pressure Pres	Gas Gathering Connection  Caerus Kansas LLC							
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ype Completion (Describe) Water Pump Unit or Traveling Plunger? Yes No Noticid/Frac Water Pump unit  Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G <sub>g</sub> Pressure Buildup: Shut in 12-16 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 AMM (PM) Taken 20 at (AM) (PM)  OBSERVED SURFACE DATA Duration of Shut-in Size Prover Pressure Pressure Prover Pressure Prover Pressure Pressure Pressure Pressure Prover Pressure Pre	Set at Perforations To KCC WIC		iameter	Internal D			ze	
Type Fluid Production Water Pump Unit or Traveling Plunger? Ves No Pump unit  Troducing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G <sub>g</sub> Innulus  Pressure Taps (Meter Run) (Prover) Si  Pressure Buildup: Shut in 12-16 20 12 at 10:30 (AM) (PM) Taken 20 at (AM) (PM)  Pressure Buildup: Started 12-17 20 12 at 10:30 (AM) (PM) Taken 20 at (AM) (PM)  Pressure Duration of Shut-in 24 (AM) (PM)  OBSERVED SURFACE DATA Duration of Shut-in 24 (AM) (PM)  Static / Orifice Size (Inches) Prover Pressure (Inches) Prover Pressure (Inches) Prover Pressure (Inches) Prover Pressure (Inches) Pressure	Set at Perforations To	Set at	lameter	Internal D		_	ze .	
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Shut-in 110 50 24  Flow STREAM ATTRIBUTES  Plate Coefficient Meter or Prover Pressure (Fb) (Fb) (Fb) Prover Pressure (Fb) (Fb) (Fb) Prover Pressure (Fb) (Fb) (Fb) (Fb) (Fb) (Fb) (Fb) (Fb)	(P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> ) (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> ) (Hours) (Barrels)	$(P_w)$ or $(P_t)$ or $(P_c)$	•	,	in	Prover Pressure		
Flow STREAM ATTRIBUTES  Plate Circle one: Press Extension Factor					inches H <sub>2</sub> U	psig (Pill)		Shut-in
Plate Circle one: Press Gravity Flowing Deviation Metered Flow GOR Flowing Coefficient Meter or Extension Factor F					<del></del>	<u> </u>	<u> </u>	Flow
Coefficient Meter or Extension Factor	EAM ATTRIBUTES	AM ATTRIBUTES	FLOW STR			· r=	·····	
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(AREA) EL ALIA (AREA DERINA AREA AREA AREA AREA AREA AREA AREA AR				(005)) 5(				
(OPEN FLOW) (DELIVERABILITY) CALCULATIONS $(P_a)^2 = 0.207$ $(P_b)^2 = 0.207$ $(P_b)^2 = 0.207$	$(P_a)^2 = 0.207$	·		,	<u>:</u>	(P <sub>w</sub> ) <sup>2</sup> =	:	) <sup>2</sup> =
(P <sub>c</sub> ) <sup>2</sup> - (P <sub>a</sub> ) <sup>2</sup> (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> <sup>2</sup> - P <sub>c</sub> <sup>2</sup> LOG of formula or 2:  Slope = "n" n x LOG Antillog Antillog Antillog	Backpressure Curve Slope = "n" n x LOG Antilog Deliverability Assigned Antilog Equals R x Antilog	Backpressure Cur Slope = "n" or Assigned		LOG of formula 1, or 2, and divide	1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$	P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	(P	(P <sub>e</sub> )² - (P
					. **			
Open Flow Mcfd @ 14.65 psia Deliverability Mcfd @ 14.65 psia	Deliverability Mcfd @ 14.65 psia	Deliverability		65 psia	Mcfd @ 14.		<u> </u>	pen Flow
The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of	e is duly authorized to make the above report and that he has knowledge of	is duly authorized	tates that he	Company, s	ehalf of the	d authority, on t	ndersigned	The u
e facts stated therein, and that said report is true and correct. Executed this the 23 day of January , 20 13		-				<u>-</u>	_	
Witness (if any) For Company	For Company		<del> </del>	<u> </u>	ay)	Witness (if an		
For Commission Checked by	Checked by			<del></del>	on	For Commissi		

## 1 2 5 2013

	KCC WICHITA
	er penalty of perjury under the laws of the state of Kansas that I am authorized to request ler Rule K.A.R. 82-3-304 on behalf of the operator Caerus Kansas LLC
	joing pressure information and statements contained on this application form are true and
,	of my knowledge and belief based upon available production summaries and lease records
f equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.  est a one-year exemption from open flow testing for the
	ounds that said well:
(Check	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 e to supply to the best of my ability any and all supporting documents deemed by Commission to corroborate this claim for exemption from testing.
<del>-</del>	is not capable of producing at a daily rate in excess of 250 mcf/D e to supply to the best of my ability any and all supporting documents deemed by Commission

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.