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

Type Test:					(	See Instruc	tions on Re	verse Side	<del>?</del> )					
Ope	en Flow	٧			Test Date	a:			API	No. 15				
Del	iverabil	lty			12-16-2					-21493-000	0			
Company Caerus K	(ansas	s LL	С				Lease Jones E	3			2	Well Nu	mber	
County Location Reno NENW					Section 14		TWP 26S			(E/W)		Acres Attributed		
Field Lerado					Reservoi Hertha	Reservoir Hertha			Gas Gathering Connection				RECEIV	
Completion Date 11-9-2005					Plug Bac 3916	k Total Dep	th		Packer Set at			KCC WICH		
asing Size Weight 1/2"" 14#					Internal I	Diameter			Perfor 3648	rations	то <b>3658</b>	KCC WICH		
Tubing Size Weight 2 7/8 6.5#				Internal I	Diameter	Set at 3648		Perfo	rations	То	`			
Type Completion (Describe) Acid						Type Fluid Production Oll & Water			Pump Unit or Traveling Plunger? Yes Pump unit			) <sub>/ No</sub>		
Producing Thru (Annulus / Tubing)					% (	% Carbon Dioxide						ravity - (	3 <sub>9</sub>	
nnulus ertical D		)				Pres	ssure Taps				Meter 2.067		rover) Size	
ressure	'	o: \$	Shut in	-15 -16	12 at 8						at	(		
			Started									24		
Static / )ynamic	Orific Size	ze Prover Pressu		Pressure Differential ure in	Flowing Temperature	Well Head Temperature	Casing Wellhead Pressure (P, ) or (P, ) or (P, )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>c</sub> ) or (P <sub>c</sub> )		Duration of Shut Duration (Hours)	Liqui	Liquid Produced (Barrels)	
Property Shut-In	(inche	38)	psig (Pm)	Inches H <sub>2</sub> 0	'	t	psig 175	psia	psig 120	psia	24			
Flow														
		[		l		FLOW STI	REAM ATTR	RIBUTES						
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension √ P <sub>m</sub> x h	Gra Fac F	tor	Temperature Fac		riation actor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G <sub>m</sub>	
					(ODEN EI	OW) (DELIV	/EDABILITY	/\ CALCIII	PIONE					
c)2 =		_:	(P <sub>w</sub> ) <sup>2</sup> =	<u> </u>	•			P <sub>c</sub> - 14.4) +		:		) <sup>2</sup> = 0.2 ) <sup>2</sup> =		
$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_d)^2$		(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: $P_c^2 - P_c^2$	1. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> LOG of formula 1. or 2. 2. P <sub>c</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> 1. or 2. and divide		Slo As	essure Curve  ppe = "n"  ror ssigned dard Slope		_og [ ]	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
pen Flov	<u> </u>			Mcfd @ 14	1.65 psia		Deliverat	bility			Mcfd @ 14.65 ps	l sia		
		gnec	l authority, o		· ·	states that I			o make th	e above repo	ort and that he ha	as know	ledge of	
		~		aid report is tru			•			•			20 13 .	
			Witness (	'if anv)			-			Enr/	Company			
			**********							1010				
-			For Comm	nission			-			Che	cked by			

## JAN 2 5 2013

I declare under penalty of perjury under the laws of the state of Kan empt status under Rule K.A.R. 82-3-304 on behalf of the operator Caeru d that the foregoing pressure information and statements contained or rect to the best of my knowledge and belief based upon available producequipment installation and/or upon type of completion or upon use being I hereby request a one-year exemption from open flow testing for the swell on the grounds that said well:  (Check one)  is a coalbed methane producer is cycled on plunger lift due to water	on this application form are true and auction summaries and lease records a made of the gas well herein named.
d that the foregoing pressure information and statements contained or rect to the best of my knowledge and belief based upon available producequipment installation and/or upon type of completion or upon use being I hereby request a one-year exemption from open flow testing for the _s well on the grounds that said well:  (Check one)  is a coalbed methane producer	on this application form are true and uction summaries and lease records made of the gas well herein named.
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s well on the grounds that said well:  (Check one)  is a coalbed methane producer	Jones B 2
s well on the grounds that said well:  (Check one)  is a coalbed methane producer	
is a coalbed methane producer	
is a coalbed methane producer	
is cycled on plunger intrude to water	
is a source of natural gas for injection into an oil reserv	roir undergoing EP
is on vacuum at the present time; KCC approval Docke is not capable of producing at a daily rate in excess of	
is not capable of producing at a daily rate in excess of	230 Hich D
I further agree to supply to the best of my ability any and all supportinate as necessary to corroborate this claim for exemption from testing.	ng documents deemed by Commission
ate: 1/23/2013	
Signature:	Le
Title: Operations Techic	ian
1100.	

## 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.