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

Type Test:	:			(-	See Instruc	tions on Re	verse Side	)				
Ope	en Flow	X Shut-in		Test Date	,.			APIN	No. 15			
Del	liverabilty	Pressure		11/29/10				103-	20,361 <b>~</b> 🗷	0-00		
ompany Ionume		rces, Inc.				Lease Runneb	aum Wes		·		Well Number	
County Location Leavenworth SW,SE,NE			Section 22		TWP ·9S			V)		Acres Attributed 40		
Field Lamborn			Reservoir McLouth	n/Burgess			Gas Gathering Conne COG Transmission					
Completion Date 5/31/85			Plug Baci 1201'	k Total Der	oth	Packer Set at						
asing Size Weigh 1/2" 9.0#		Weight 9.0#		Internal D	Diameter	ameter Set a		Perforations 1150'		то 1156'		
ubing Size 3/8"	bing Size Weight 4.7#		Internal Diameter			Set at 1186'		Perforations				
Type Completion (Describe) Gas				Type Flui Water	d Productio (Nil)	n	Pump Unit or Trave Rod Pump			ing Plunger? Yes / No		
Producing Thru (Annulus / Tubing)			% C	arbon Diox	ide	% Nitro		ogen		Gas Gravity - G <sub>g</sub>		
Annulus			Nil		Nil		- <u></u>					
Vertical Depth(H) 1156'				Pressure Taps						(Meter 2"	Run) (Prover) Size	
Pressure	Buildup:									10 at 9:00 a		
Well on Li	ine:	Started	20	0 at		(AM) (PM)	Taken		20	at	(AM) (PM)	
					OBSERV	ED SURFAC	E DATA			Duration of Shut	-in Hours	
Static / Orifice Dynamic Size Property (inches)		Circle one: Pressure  Meter Differential  Prover Pressure in		Flowing Well Head Temperature t t		Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>c</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In		psig (Pm)	Inches H <sub>2</sub> 0			- 20		psig 	psia 	24+		
Flow												
				<del>-</del>	FLOW ST	REAM ATTR	IBUTES					
Plate Coefficcient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Circle one: Meter or cover Pressure psia	Press Grav Extension Fact  √P <sub>m</sub> xh F <sub>g</sub>		tor Temperature		Deviation Factor F <sub>pv</sub>		Metered Flow R (Mcfd)	v GOR (Cubic Fo Barrel	eet/ Fluid	
(P <sub>c</sub> ) <sup>2</sup> =	•	(P <sub>w</sub> ) <sup>2</sup> =		`	OW) (DELI	VERABILITY % (I	') CALCUL P <sub>c</sub> - 14.4) +		:		) <sup>2</sup> = 0.207 ) <sup>2</sup> =	
(P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>a</sub> ) <sup>2</sup> (		1. P <sub>c</sub> <sup>2</sup> - P <sub>a</sub> <sup>2</sup>	LOG of formula		Backpre Slo	essure Curve ppe = "n" - or	e nxl	og [	Antilog	Open Flow Deliverability Equals R x Antilog	
(P <sub>c</sub> ) <sup>2</sup> - (I	P <sub>d</sub> )*	di	vided by: P <sub>c</sub> <sup>2</sup> - P <sub>w</sub>	and divide by:	P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>		ssigned dard Slope				(Mcfd)	
Open Flo	w		Mcfd @ 14.	65 psia		Deliveral	bility			Mcfd @ 14.65 ps	sia	
	undersigne								e above repo ecember_	ort and that he h	as knowledge of	
	stated there	oin and that cal	d report is tru							77		
	stated there	ein, and that said	d report is true					a	For	Company	RECEI	

exempt status	under penalty of perjury under the laws of the state of Kansas that I am authorized to request under Rule K.A.R. 82-3-304 on behalf of the operator Monument Resources, Incorregoing pressure information and statements contained on this application form are true and
correct to the boot of equipment in	pest of my knowledge and belief based upon available production summaries and lease records installation and/or upon type of completion or upon use being made of the gas well herein named equest a one-year exemption from open flow testing for the Runnebaum West #W-1 grounds that said well:
[ [ [ I further a	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  gree to supply to the best of my ability any and all supporting documents deemed by Commission sary to corroborate this claim for exemption from testing.
Date: Decemb	Signature:
	Title: Prosi DENT

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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**KCC WICHITA**