## Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:			(	See Instruct	tions on Re	verse Side	e)				
Open Flow Deliverabilty	Test Date:			API No. 15 15-175-22088 <b> @600</b>							
Company Lime Rock Resources II-A, LP				Lease Fitzgerald						Well Number	
County Location Seward SW-SW-SE			Section 12		TWP 34S			RNG (E/W) 34W		Acres Attributed 640	
Field Morrow			Reservoir Morrow				Gas Gathering Con Panhandle East				
Completion Date 07/24/2007			Plug Baci 6700	k Total Dept	th		Packer Sone	et at			
Casing Size 4 1/2"	Weight 11.6		Internal Diameter 4.0		Set at 6757		Perforations 6080		To 6086		
Tubing Size 2 3/8"	Weight		Internal Diameter 1.995		Set a			ations	То		
	e Completion (Describe)			d Production		<del>-</del>	Pump Unit or Traveling		Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Tubing			arbon Dioxi	de	% Nitrogen		PIL	Gas Gr	avity - G <sub>g</sub>		
Vertical Depth(H)				Pres	sure Taps				(Meter F	Run) (Prover) Size	
Pressure Buildup:	Shut in 6/16	20	14 at 1	1:00 AM	(AM) (PM)	Taken		20	at	(AM) (PM)	
Well on Line:	Vell on Line: Started 6/17 20			1-00 AM				20			
				OBSERVE	D SURFAC	E DATA			Duration of Shut-		
Static / Orifice Dynamic Size Property (inches)	Size Meter Differential		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>t</sub> ) or (P <sub>c</sub> )		Duration (Hours)	Liquid Produced (Barrels)	
Shut-In	Paris (i m)	110.000 1130	<del></del>		125	psia	125	psia	-		
Flow			•								
<del></del> -	<u> </u>			FLOW STR	EAM ATTR	IBUTES			-		
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) F Mcfd	Circle one:  Meter or  Prover Pressure  psia  Press  Extension  Facto  F <sub>m</sub> x h  F <sub>g</sub>		Temperature		l Fa	viation Metered Flow factor R F <sub>pv</sub> (Mcfd)		v GOR (Cubic Fe Barrel)	et/ Flowing Fluid Gravity G <sub>m</sub>		
(P <sub>c</sub> ) <sup>2</sup> =:	(P <sub>w</sub> ) <sup>2</sup> =	:	P <sub>d</sub> =	OW) (DELIV 		) CALCUL P <sub>c</sub> - 14.4) +		:	(P <sub>a</sub> ) <sup>2</sup> (P <sub>d</sub> ) <sup>2</sup>	2 = 0.207	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_a)^2$ $(P_c)^2 - (P_w)^2$ Choose formula 1 or 2:		LOG of formula 1. or 2. and divide	LOG of formula 1. or 2. and divide P2-P2		Backpressure Curve Slope = "n" or Assigned Standard Slope		og [	Antitog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
Open Flow		Mcfd @ 14.0	-	A - A Ab - 4 - 1-	Deliverab	<u>.</u>	1 41-	-	Mcfd @ 14.65 psi		
The undersign the facts stated ther	-				•	12	o make the	above repo	rt and that he ha	s knowledge of, 20	
			KANSAS CO	Received	Old Books	_&_	reals	Den	Myle		
	Witness (if an			L-16-2			$\Lambda$	$\Rightarrow$	Company Sked by		

CONSERVATION DIVISION WICHITA, KS

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 Lime Rock Resources II-A, LP 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 Fitzgerald #3-12
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: _7/10/15
Received KANSAS CORPORATION COMMISSION  JUL 16 2015  CONSERVATION DIVISION WICHITA, KS  Signature: Fundy Much Much Much Much Much Much Much Much

## 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.