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

Type Test	t:		ONL I	FOINT O		-		ons on Re			ADILI I	1 1231		
Open Flow Deliverabilty					Test Date: 6-17-14				API No. 15 15-175-21351 <b>– Ø 00</b>					
Company Lime Rock Resources II-A, LP					Lease Keating Stever				ıs	5-2	Well N	lumber		
County Location Seward C-NW-SW				Section 2			TWP 34S		RNG (E/W) 34W			Acres Attributed 640		
Field Adamson				Reservoir Morrow			Gas Gathering Conn Anadarko Energy							
Completion 07/02/2		te	·		Plug Back Total Depth 6260				•	Packer S None	et at			
Casing Size Weight 5 1/2" 15.5			·	Internal Diameter 4.950			Set at		Perforations 6015		To 6022	2		
Tubing Size Weight 2 3/8" 4.7				Internal Diameter 1.995			Set a		Perfo	rations	То			
Type Completion (Describe) Single Gas			Type Flui	tion			Pump Un Yes	Plunger? Ye	s / No					
Producing Thru (Annulus / Tubing)				% Carbon Dioxide								s Gravity - G <sub>o</sub>		
Tubing Vertical Depth(H) 6018				Pressure Taps					<del></del>	(Mete	r Run) (	Prover) Size		
			Shut in 6/17	14 at 10:30 AM (A			AM) (PM) Taken		20 .		at	·	(AM) (PM)	
Well on Line:			Started 6/18	20	14 at 10:30 AM (/			AM) (PM) Taken		20 _		at	(AM) (PM)	
						OBSER	NED	SURFACE	E DATA			Duration of Sh	it-in 24	Hours
Static / Dynamic Property	Oynamic Size		Citale one: Meter Prover Pressur psig (Pm)	Pressure Differential in Inches H <sub>s</sub> 0	Temperature Tempera		wellhead Pressure $(P_w)$ or $(P_t)$ or $(P_c)$		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>t</sub> ) or (P <sub>t</sub> )		Duration (Hours)	Liquid Produced (Barrels)		
Shut-In			poig (t my	mones 11 <sub>2</sub> 0		:	<u></u>	psig 42	psia	psig	psia			
Flow												-		
		1	[.		1	FLOW S	TRE	AM ATTR	BUTES		<u> </u>	<u> </u>		-
Plate Coefficient (F <sub>b</sub> ) (F <sub>p</sub> ) Mcfd		Pro	Circle one:  Meter or  Prover Pressure psia  Press Extension  ✓ P <sub>m</sub> x h		Gravity Factor F <sub>a</sub>		Flowing Temperature Factor F <sub>ft</sub>		Fa	iation ictor <sub>pv</sub>	Metered Flov R (Mcfd)	y GO (Cubic Barr	Feet/	Flowing Fluid Gravity G <sub>m</sub>
		!	i						<u> </u>					
(P <sub>c</sub> ) <sup>2</sup> =		;	(P_,)2 =	:	(OPEN FLO		LIVEI %		CALCUL - 14.4) +		;		$(a_{a})^{2} = 0.$ $(a_{a})^{2} = 0.$	207
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> 1. P <sub>c</sub> 2. P <sub>c</sub>		theose formula 1 or 2: 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ ivided by: $P_c^2 - P_w^2$	LOG of formula 1. or 2. and divide D 2. D		Backpressure Cur Slope = "n"		ssure Curve be = "n" or signed	n x l	og [	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
	_	_												
Open Flow Mcfd @ 14.65				65 psia	psia			Deliverability				nsia	] ia	
		igne	d authority, on		•	tates tha	at he	•	<u> </u>	o make th		Mcfd @ 14.65 p		wledge of
				d report is true	and correc	t. Execu	ted th		يحسر.	day of	Juien D	6 (		20_15.
			Witness (if	any)	KANSAS CORP	eceived ORATION C	OMMIS	ssion (	34	~\ <u>\</u>	- <u>~</u>   Fo(c	Company)	<u> </u>	· -
<del></del>	-		For Commis	ssion	JUL	162	<b>015</b>	_		<u>/_X</u>		ked 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 Keating Stevens #5
gas well on the grounds that said well:
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

## 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.