Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	t:				(See Instruc	tions on Re	verse Side	;)				
Open Flow					Test Date	Test Date: API No. 15							
De	eliverat	bilty				4-28-15 15-175-21475 0001							
Company Lime Rock Resources II-A, LP					Lease Adamson			4			Well Number		
County Location Seward C-NW-NW			Section 11				RNG (E/W) 34W			Acres A	ttributed		
Field Adamson				Reservoir Chester			Gas Gath	ering Conne					
Completion Date 07/27/1995				Plug Back Total Depth 6496			Packer So None	et at					
Casing Size Weight 4 1/2" 10.5			Internal [4.052	Diameter	Set at 6561		Perforations 6350		то 6404		-		
Tubing Size Weight 2 3/8" 4.7			nt	Internal [1.995	Diameter	Set at 6341		Perforations		То	•		
Type Completion (Describe) Single Gas				Type Flui	Type Fluid Production Water/Condenstate			Pump Unit or Traveling Plunger? Yes Yes			/ No		
Producing Thru (Annulus / Tubing)					% Carbon Dioxide				n	Gas Gr	Gas Gravity - G _g		
Tubing Vertical Depth(H) 6377					Pressure Taps						(Meter	Run) (Pr	over) Size
Pressure Buildup: Shut in 4/28				8 2	20 15 at 9:00 AM (AM)			M) Taken		20 _	- <u>- </u>		AM) (PM)
Well on Line:			Started 4/2	Started <u>4/29</u> 20		:00 AM	(AM) (PM) Taken		20		at	. at(AM	
						OBSERVE	D SURFAC	E DATA			Ouration of Shut-	in_24	Hours
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressi		t t t		I Wollhoad Proceuro		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)				l Produced Barrels)
Shut-In			psig (Pff)			psig 169	psia	psig psia 162				·	
Flow							-						
				T		FLOW STE	REAM ATTR	IBUTES					•
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Extension Fact		tor Temperature		iation ctor : pv	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)		Flowing Fluid Gravity G _m
					(OPEN FL	OW) (DELIV	'ERABILITY) CALCUL	ATIONS	<u> </u>		3 00	7.7
(P _c) ² =		_:	(P _w) ² =	Choose formula 1 or 2:	P _d =	• •		P _c - 14.4) +		:	(P _a)	² = 0.20	
$(P_c)^2 - (P_a)^2$ or $(P_c)^2 - (P_d)^2$		(P _c) ² - (P _w) ²		1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$. P _c ² -P _a ² LOG of formula . P _c ² -P _d ² 1. or 2. and divide		Backpressi Slope oi P _c ² - P _w ² Assig Standard		n x le	og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)	
												_	
Open Flo	w	-		Mcfd @ 14.	65 nsia		Deliverab	sility		N	lcfd @ 14.65 psi	ia	
		inne	d authority o		· · · · · · · · · · · · · · · · · · ·	tates that h			n make the	·	and that he ha		odgo of
				aid report is true					_	cember	and that he ha		eage of
			,				ived	l -	no	2/h	272	,-	
			Witness (i		to nac	FEB 2	_	<u> </u>	Var	J Sol	la		
			For Comm	ission	(ON DIVISION			Check	ed 50y)		

	penalty of perjury under the laws of the state of Kansas that I am authorized to request Rule K.A.R. 82-3-304 on behalf of the operator Lime Rock Resources II-A, LP										
and that the foregoi	ng pressure information and statements contained on this application form are true and										
correct to the best o	f 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 Adamson #4-11										
gas well on the grou	• • • • • • • • • • • • • • • • • • • •										
is is I further agree to	s a coalbed methane producer s cycled on plunger lift due to water s a source of natural gas for injection into an oil reservoir undergoing ER s on vacuum at the present time; KCC approval Docket No s not capable of producing at a daily rate in excess of 250 mcf/D s supply to the best of my ability any and all supporting documents deemed by Commission of corroborate this claim for exemption from testing.										
Date: 12/7/2010											
K A	Signature: Received NSAS CORPORATION COMMISSION FEB 2 5 2016 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.