KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	t:				((See Instruc	tions on Rev	erse Side))					
Open Flow					Test Date:				ADI	No. 15				
Deliverabilty					4-27-15			API No. 15 15 - 175-10020 – 0000						
Company Lime Rock Resources II-A, LP				, LP				Lease Handy				Well Number		
			Locat SW-N		Section 29		TWP 33S		RNG (E/W) 31W			Acres Attributed 640		
Field Arkalan						Reservoir Chester		Gas Gathering Con Panhandle East						
Completion Date 9/18/1961					Plug Bac 5833	Plug Back Total Depth 5833		Packer None		et at				
Casing Size 4 1/2"			Weigi 9.5	nt	Internal (4.090	Internal Diameter 4.090		Set at 5873 .		Perforations 5739		To 5782		
Tubing Size 1.66"			Weight 2.4		Internal Diamete 1.380		Set at 5770		Perforations		То	То		
Type Completion Single Gas			escribe)		Type Flui None	d Production			Pump Unit or Traveling Plu No		Plunger? Yes	unger? Yes / No		
Producing Tubing	g Thru	(An	nulus / Tubin	g)	% C	Carbon Dioxi	de		% Nitroge	en	Gas G	ravity - (Э ₀	
Vertical Depth(H) 5760					Pressure Taps					(Meter 4	Run) (P	rover) Size		
•			Shut in <u>4/2</u>	2	15 at		(AM) (PM) Taken		20		at		(AM) (PM)	
Well on Line:			Started 4/28 20		15 at 8	15 at 8:30 AM		(PM) Taken		20) at		(AM) (PM)	
						OBSERVE	D SURFACE	DATA			Duration of Shut	-in_24	Hours	
Static / Dynamic Property	Dynamic Size		Circle one: Meter Prover Pressi psig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	Well Head Temperature t	re (P _w) or (P ₁) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)				d Produced Barrels)	
Shut-In			paig (i iii)	mones 11 ₂ 0			188	psia	0 psig	psia		<u> </u>		
Flow														
			<u> </u>			FLOW STR	REAM ATTRIE	BUTES				•		
Plate Coeffiecient (F _b) (F _p) , Mcfd		Circle ene: Meter or Prover Pressure psia		Press Extension ✓ P _m xh	Fac	Gravity Factor F _g		owing Deviation Factor F _{ft} F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic F Barrel		Flowing Fluid Gravity G _m	
													:	
(P _c)² =		_:	(P _w)² =	·:	-	• •	ERABILITY)		ATIONS 14.4 =	;	(P _a (P _d) ² = 0.2	07	
(P _c) ² - (P _a) ² or (P _c) ² - (P _d) ²		(P _c) ² - (P _w) ²		Choose formula 1 or 2 1. $P_c^2 - P_a^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_w^2$	1. P _c ² - P _a ² LOG of formula 2. P _c ² - P _d ² 1. or 2. and divide		Slope Assi	ssure Curve e = "n" or igned and Slope		og [Antilog	Open Flow Deliverability Equals R x Antilo (Mcfd)		
												-		
Open Flor	w			Mcfd @ 14.	.65 psia		Deliverabil	ity			Mcfd @ 14.65 ps	ia		
The t	undersi	gne	d authority, o	n behalf of the	Company, s	states that h	e is duly aut	horized t	o make th	e above repo	rt and that he h	as know	ledge of	
the facts s	tated ti	nerei	in, and that s	aid report is tru	1	Received	1	<u>h</u>	day of De	ecember			20 15	
			Witness (if any)		B 25 20	(_	V,	X	Forg	ignipany			
•			For Comm	nission	CONSE	RVATION DIV) / (Chec	cked by			
					1	WICHITA, KS					. 1			

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 Handy 1 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: 12/7/2015
Signature: Show the draw
Received Title: Production Analyst 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.