Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t: oen Flo	w			(See Instruc	tions on Rev	erse Side	e)					
Deliverability					Test Date 6-16-14	Test Date: API No. 15 6-16-14 15-175-211					56 ~0000			
Company Lime Rock Resources II-A, LP						Lease Lee				Well Number 2				
County Seward			Location NW		Section 1				RNG (E/W) 34W			Acres Attributed		
Field Hitch				Reservoir Morrow			Gas Gat	hering Conne	ction					
Completion Date 2/24/1991				Plug Bac 5860	th		Packer S None	Set at		•				
Casing S 5 1/2 "	Size	Weight 15.5			Internal Diameter 4.950		Set at 6407		Perforations 5623		то 5647			
Tubing Size 2 3/8"			Weigh	nt	Internal Diameter 1.995		Set at 5512		Perforations		То			
Type Completion (Describe) Single Gas				Type Flui Water			Pump Ui	nit or Traveling	Plunger? Yes	/ No				
	g Thru	(Ani	nulus / Tubin	g)	% C	arbon Dioxi	ide		% Nitrog	jen	Gas G	ravity -	G,	
Vertical Depth(H) 5635						Pres	sure Taps				(Meter	Run) (F	rover) Size	
Pressure	Buildu	ıp:	Shut in	6 2	0 14 at 10	D:10 AM	(AM) (PM)	 「aken	-··	20 .	-		(AM) (PM)	
Well on Line:		Started 6/17		7 20	20 14 at 10:10 AM			M) (PM) Taken 2		20 _	at	(AM) (PM)		
			······································			OBSERVE	D SURFACE	DATA			Duration of Shu	-in_24	Hours	
Static / Dynamic Property	namic Size		Circle one: Meter Prover Pressu psig (Pm)	Pressure Differential ure in Inches H ₂ 0	Flowing Well Hea Temperature t t		Mollhoad Procoure		Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c) psig psia		Duration (Hours)		Liquid Produced (Barrels)	
Shut-In							22							
Flow		<u></u>												
			Circle one:			FLOW STR	REAM ATTRIE	BUTES			<u> </u>		T	
Plate Coefficcient (F _b) (F _p) Mcfd		Meter or Prover Pressure psia		Press Extension √ P _m x h	Grav Fact F _c	or 1	Flowing Femperature Factor F _{rr}	Deviation Factor F _{pv}		Metered Flow R (Mcfd)	GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
								_						
(P _c) ² =		_;	(P _w)² ≃	·:	(OPEN FLO	- ,	'ERABILITY) % (P,	CALCUL - 14.4) +		:) ² = 0.2) ² =	207	
(P _c) ² - (1 or (P _c) ² - (1)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	LOG of formula 1. or 2. and divide by:	P _c ² -P _w ²	Backpressure Curv Slope = "n" or Assigned Standard Slope		l n x	.og []	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
				· · · · · · · · · · · · · · · · · · ·		 								
Open Flow Mcfd @ 14.65 psia						Deliverabili	Deliverability			Mcfd @ 14.65 psia				
				n behalf of the	and correct		this the d	`	o make th	above report	and that he h		rledge of 20	
			Witness (i	f any)	J	UL 16	2015 [—]	<u> </u>	1	For Co	mpany			
			For Comm	nission	CON	SERVATION D WICHITA, K	PIVISION S	/	ン	Check	ed by		_	

	er penalty of perjury under the laws of the state of Kansas that I am authorized to request der Rule K.A.R. 82-3-304 on behalf of the operator Lime Rock Resources II-A, LP
	going pressure information and statements contained on this application form are true and
correct to the best	t of my knowledge and belief based upon available production summaries and lease records
of equipment insta	allation and/or upon type of completion or upon use being made of the gas well herein named.
	est a one-year exemption from open flow testing for the Lee #2
	ounds 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 e to supply to the best of my ability any and all supporting documents deemed by Commission y to corroborate this claim for exemption from testing.
Date: 7/10/15	
	Received SAS CORPORATION COMMISSION JUL 1 6 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.