KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test	:	2			((See Instruct	ions on Re	everse Side	e)		•		
Op	en Flow	1			Test Date	a.			API	No. 15		•	
De	liverabil	ty			11/26/2				15	-007-20392	-0000		
Company Lotus Operating Company, LLC					Lease Achenbach					1	Well Number		
County Barber	· · · · · · · · · · · · · · · · · · ·			Section 1		TWP 35S			Acres Attributed				
Field Hardtner				Reservoi Mississ			Gas Gathering Conne ONEOK		PECEIVE DEC 1 9 20 To 4858 KCC WICHI				
Completion Date 2/19/1976				Plug Bac 4919	k Total Dept	h	Packer Set at none		Set at	DEC 1		9 20	
Casing S 1/2"	sing Size Weigh 1/2" 9.5#			internal [4.09		Diameter Set at 4955			Perforations 4827		To 4858	KCCI	• ZU
Tubing Si 2 3/8"			Weight			Internal Diameter 1.995		Set at 4898		orations	То		CHIT
Type Con		(Describ	e)	······································		id Production		· -	Pump U	nit or Traveling	Plunger? Yes	/ No	
Producing Thru (Annulus / Tubing) Annulus				·····	% Carbon Dioxide			% Nitrog	jen		Gas Gravity - G _g		
Vertical D)				Pres	sure Taps					Run) (Prover) Size	
Pressure	Ruildun	: Shut	11/26	3 ,	0_12_at_4	:00 pm	(AM) (PM)	Taken_11	1/27	. 20	12 _{at} 4:00 p	m (AM) (PM)	
Well on L		Starte	ed								at		
						OBSERVE	D SURFAC	E DATA			Duration of Shut-	in Hours	
Static / Dynamic Property	Orifice Size (inches	e Prov	ircle one: Meter er Pressure sig (Pm)	Pressure Differential in Inches H ₂ 0	Flowing Temperature t	.Well Head Temperature t	Casing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Wellhe	Tubing ead Pressure r (P _t) or (P _c)	Duration (Hours)	Liquid Produced (Barrels)	
Shut-In			, g (1 111)	mones 11 ₂ 0			150	psia 164.4	psig	psia			
Flow		•			im								
	•			-		FLOW STR	EAM ATTE	RIBUTES				-	
Plate Coefficcient (F _b) (F _p) Mcfd		Circle one: ` Meter or Prover Pressure psia		Press Gran Extension Fac √ P _m xh F		tor Temperature		Fa	iation ctor :	Metered Flow R (Mcfd)	GOR (Cubic Fe Barrel)	Flowing Fluid Gravity G_m	
3 12			(P _w) ² =		•	OW) (DELIV		•				² = 0.207	
o _c) _s =			Cho	oose formula 1 or 2:			T	P _c - 14.4) +		 	(' d)	Open Flow	
(P _c) ² - (F or (P _c) ² - (F	-	1		 P_c² - P_a² P_c² - P_d² 	Tormula		Slope = "n" or Assigned		n x	LOG	Antilog	Deliverability Equals R x Antilog	
			divi	ded by: $P_c^2 - P_w^2$	by:	[Stand	dard Slope				(Mcfd)	
		•									MR-11-W-24-13-1/		
pen Flov	v [.]			Mcfd @ 14.	65 psia		Deliverat	oility		- ,1	Mcfd @ 14.65 psi	a	
The u	ndersig	ned auth	ority, on b	ehalf of the	Company, s	states that he	is duly a	uthorized to	make th	ne above repor	rt and that he ha	s knowledge of	
e facts st	ated the	erein, an	d that said	report is true	and correc	t. Executed	this the 6		day of _D	ecember		, 20 12	
· 		<u>.</u>				: •		Sh.		>6Ke	2_	· ·	
			Witness (if an	iy)	•					For C	ompany		
			For Commissi	on			-			Chec	ked by	· · · · · · · · · · · · · · · · · · ·	

I declare up	life der penalty of perjury under the laws of the state of Kansas that I am authorized to request
	ider Rule K.A.R. 82-3-304 on behalf of the operator Lotus Operating Company, LLC
	egoing pressure information and statements contained on this application form are true and
	st of my knowledge and belief based upon available production summaries and lease records
	tallation and/or upon type of completion or upon use being made of the gas well herein named.
	uest a one-year exemption from open flow testing for theAchenbach #1
	rounds that said well:
(Chec	k 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 agre	ee to supply to the best of my ability any and all supporting documents deemed by Commiss
staff as necessa	ry to corroborate this claim for exemption from testing.
Date: 12/6/2012	
Date: <u>12/0/2012</u>	
•	
	Signature:

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.