Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test	t:					(See Instru	ctions on F	Reve	rse Side,)						
✓ Op	en Flov	W				T4 D-4-					451	1- 45					
Deliverabilty						Test Date: 10/21/2014					API No.,15 175-22,1017-0000						
Company Landmark Resources						Lease Long Branstine								Well Number 2-33			
County Location Seward 1850 FSL & 2200 FWL				Section 33					RNG (E/V 31W	RNG (E/W) 31W			Acres Attributed				
Field Adobe					Reservoir Morrow				Gas Gathering Connection Landmark to DCP								
Completion Date 01/26/06				Plug Bac 6201	Plug Back Total Depth 6201				Packer Se 5932	et at							
Casing Size Weight 4.5 10.5				Internal D 4.052	-	Set at 6240			Perforations 5934			то 5971					
Tubing Size Weight 2.375 4.7					Internal D	Diameter		Set at 5932			Perforations						
Type Con Single C		ı (De	escribe)			Type Flui N/A	d Production	on			Pump Uni No	t or Travelin	g Plui	nger? Yes	/ No		
Producing Thru (Annulus / Tubing) Tubing				% C	Carbon Dio	xide		% Nitrogen 1.634				Gas Gravity - G _g 0.6403					
Vertical Depth(H)					Pressure Taps							•	(Meter Run) (Prover) Size				
5952.5							Flar							3.068			
Pressure	Buildu		snut in		2		1:00	_ (AM) (PN	И) Ta	aken_10	/21	20	14	at_11:00		(AM) (PM)	
Well on L	.ine:		Started 10	1/21	2	o <u>14</u> at <u>1</u>	1.00	_ (AM) (PN	A) Ta	aken		20		. at		(AM) (PM)	
							OBSERV	ED SURFA	CE	DATA			Dura	ation of Shut-	_{in_24}	Hours	
Static / Orifice Dynamic Size Property (Inches)		9	Circle one: Meter Prover Pressure		Pressure Differential in Flowing Temperature		Well Head Temperatur t	Wellhea	Casing Wellhead Pressure (P_w) or (P_1) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)			Duration (Hours)		Liquid Produced (Barrels)	
Shut-In	(IIICII		psig (Pn	1)	Inches H ₂ 0		<u> </u>	psig 95	1	psla 09.40	pslg	psia	24				
Flow														<u></u>			
			·				FLOW ST	REAM AT	TRIB	UTES					-\		
Plate Coeffiecient (F _b) (F _p) Mcfd		Circle one: Meter or Prover Pressure psla			Press Extension ✓ P _m x h	Grav Fact F _s	tor	Flowing Temperature Factor F _{tt}		Deviation Factor F _{pv}		Metered Flow R (Mcfd)		GOR (Cubic Fe Barrel)	et/	Flowing Fluid Gravity G _m	
(P _c) ² =		:	(P _w)²	=	:	(OPEN FLO		VERABILIT		ALCUL 14.4) +		:		(P _a)	² = 0.2	207	
(P _c) ² - (I		(P _c) ² - (P _w) ²		Choose farmula 1 or 2: 1. $P_c^2 - P_s^2$ 2. $P_c^2 - P_d^2$ divided by: $P_c^2 - P_s^2$		LOG of formula 1. or 2. and divide	P.2-P.2	Backpressure Curve Slope = "n"		re Curve = "n" 	n x L	og [Antilog	O _l Dei	pen Flow liverability is R x Antilog (Mcfd)	
						1											
Open Flo	w			J	Mcfd @ 14.	65 psia		Deliver	abilit	y	1		Mcfd	l @ 14.65 psi	a		
The t	undersi	igned	l authority,	on b	ehalf of the	Company, s	states that	he is duly						nd that he ha	s know	ledge of	
the facts s	tated th	nerei	n, and that	said	report is true		Rece			sth.	day of	TUL	14		,	20 <u>15</u> .	
Witness (if any)						JUL 2 0 2015				ForCompany							
			For Cor	nmissio	on	CC	ONSERVATIO	ON DIVISION	_			Che	cked by	у			
						-	WICHIT										

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
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 <u>LONG-BRANSTINE</u> +Z-
gas well on the grounds that said well:
(Check 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
is not capable of producing at a daily rate in excess of 250 mc//b
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: 7/16/2015
Received KANSAS CORPORATION COMMISSION Signature: JUL 2 0 2015 CONSERVATION DIVISION WICHITA, KS Title: Ti

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.