RECEIVED

KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:	: en Flow			•	ee Instruct	ions on Rev	erse Side	*	IN- 45				
Del	liverabilty			Test Date: 10-08-20	12				No. 15 081 <mark>-2141</mark> 1-	00000			
Company Te-Ray Energy, Inc.						Lease Black				Well Number #1-1417			
County Location Haskell N/2 SE SW			Section 17		TWP 30s			RNG (E/W) 33w		Acres Attributed			
Field /ictory			Reservoir Morrow			Gas Gathering Connection ONEOK			ection		- 		
Completion Date 07/16/2001			Plug Back 5353'	Total Dept	h	Packer Se N o Pack							
Casing Si 4 1/2"	sing Size Weight 1/2" 10.5		Internal Diameter 4.025"		Set at 5412'		Perforations 5228'		To 524€)'	- 1/AL MI.		
Tubing Si 2 3/8"			Internal Diameter 1.995"		Set at 5353 '		Perforations		То				
Type Completion (Describe) Single Gas			Type Fluid Water	Production		Pump Unit or Trave Pumping Unit			ng Plunger? (Yes)/ No				
Producing	Thru (Ar	nulus / Tubing)			rbon Dioxi	de		% Nitrog		Gas (aravity -	G _g	
Annulus Vertical D			*		Press	sure Taps			/	(Mete	r Run) (F	rover) Size	
	n	Shut in 10-0	8	12 _{at} 8:0	00 /	(AM) (PM)	1)-09	· w	12 _{at} 8:00			
			12 at 9:0	00 ((AM) (PM) (AM) (PM)				12 _{at} 9:00		(AM) (PM) (AM) (PM)		
					OBSERVE	D SURFACE				Duration of Ch.	24		
Static / Dynamic	Orifice Size	Meter Differential		Flowing Well Head Temperature		Casing Wellhead Pressure (P _w) or (P _c)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration of Shu Duration (Hours)	Liqu	in Hours Liquid Produced (Barrels)	
Property Shut-In	(inches)	psig (Pm)	Inches H ₂ 0	t	t	psig	psia	psig	psia		-	Dariets)	
Flow							17.1 14.87	15 13	17.1	24	1.0	· · · · · · · · · · · · · · · · · · ·	
					EI OW STR	EAM ATTRIE		13	14.07	24	1.0		
Coefficient Meter or Exten		Press Extension ✓ P _m xh	Gravity		Flowing emperature Factor F _{ft}	Dev Fa	ation ctor	Metered Flor R (Mcfd)	GOR (Cubic Feet/ Barrel)		Flowing Fluid Gravity G _m		
				(OPEN FLO	W) (DELIV	ERABILITY)	CALCUL	ATIONS					
P _c) ² =	······································				9			14.4 =	·		$(a)^2 = 0.2$	207	
(P _c) ² - (P or (P _c) ² - (P		(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		LOG of formula 1. or 2. and divide by:		Backpressure Curve Slope = "n" Assigned Standard Slope		n x LOG		Antilog	De Equal	Open Flow Deliverability Equals R x Antilog (Mcfd)	
										:			
Open Flov	v		Mcfd @ 14.6	S5 nsia		Deliverabili	ity			Mcfd @ 14.65 p	sia		
· · · · · · · · · · · · · · · · · · ·	· * · · · · · · · · · · · · · · · · · ·	ed authority on		<u>:</u>	ates that he			maka ti		ort and that he h		dodge of	
		ein, and that said						day of		acand that NO f		20 13	
THE STATE STATE IS SERVICE.	<u> </u>	Witness (if a	ny)				TE	-AAY	FN DI	SV LIVE	KC	C WIC	
		For Commiss	sion			_		<u> </u>	Che	ckedby		UN 21	

	eclare under penalty of perjury under the laws of the state of Kansas that I am authorized to request status under Rule K.A.R. 82-3-304 on behalf of the operator Te-Ray Energy, Inc.
	at the foregoing pressure information and statements contained on this application form are true and
	to the best of my knowledge and belief based upon available production summaries and lease records
-	oment installation and/or upon type of completion or upon use being made of the gas well herein named. ereby request a one-year exemption from open flow testing for the Black 1-1417
	If on the grounds that said well:
gas we	non the grounds that said wen.
	(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
l fu	rther agree to supply to the best of my ability any and all supporting documents deemed by Commission
	necessary to corroborate this claim for exemption from testing.
Date: (06-19-2013
	Signature:
	Title: PRESIDENT

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.

KCC WICHITA