

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Test:	•				(See Instru	uctio	ons on Re	verse Side	?)					
Open Flo	w				Test Date					A DI	No. 15				
✓ Delivera	bilty				5/1/201						3-20573 -0 00	0			
Company TREK AEC, I	.LC							Lease KANAK			· · · · · · · · · · · · · · · · · · ·	1	Weil N	lumber	
County Location ELLSWORTH NE NW				Section 22			TWP 16S		RNG (E/W) 7W		Acres Attributed		Attributed		
Field KANAK					Reservoi						hering Conn	ection GIES PIPEL	INE, LLO	 C	
Completion Da 3/20/80	te				Plug Bac	k Total De	epth	1		Packer 5	Set at				
Casing Size Weight 4.5 10.5				=	Internal Diameter			Set a		Perforations 1732		To 1742			
Tubing Size Weight 2,375 4.7				-	Internal Diameter			Set at 1797		Perforations		То			
Type Completic	n (D				Type Flui SW	d Product	lion			Pump Ur	nit or Traveling	Plunger? Y	es / No	<u></u>	
Producing Thru	(Anı	nulus / Tubir	ng)			arbon Dic	bixo	e	· -	% Nitrog	en	Gas	Gravity -	G ₀	
Vertical Depth(H)			· 		Pre	essi	ure Taps				(Met	er Run) (I	Prover) Size	
Pressure Buildo	10:	Shut in _5/	1	20	15 _{at} 8:	:00 AM		(AM) (PM)	Taken			at		(AM) (PM)	
Well on Line: Start		Started _5/2	5/2 20				,						at (AM) (PM)		
					<u> </u>			SURFACE				Duration of Sh	-		
Static / Orifice Oynamic Size Property (inches)		Circle one: Meter Prover Pressure		Pressure Differential in	Temperature Tempe		Weithead Press		Pressure	Tubing Wellhead Pressure (P _w) or (P ₁) or (P _c)		Duration (Hours)	Duration Liquid Prod		
Shut-in .87		psig (Pm)		nches H ₂ 0				psig 175	psia	psig 30	psia	24	0		
Flow	:														
					·	FLOW ST	TRE	AM ATTRI	BUTES						
Plate Coefficient (F _b) (F _p) Mofd		Circle one: Meter or Prover Pressure psia		Extension Fa		vity T		Flowing mperature Factor F _{II}	e Deviation Factor F _{pv}		Metered Flov R (Mcfd)	v GC (Cubic Bar	Feet/	Flowing Fluid Gravity G _m	
					(OPEN FLO	OW) (DELI	IVE	RABILITY)	CALCUL	ATIONS			$P_{a})^{2} = 0.5$	207	
(P _c) ² =	=:_	(P _w) ² =		 :_	P _d =		_%	(P	<u>- 1</u> 4.4) +	14.4 =	<u>:</u> -) ² =	<u> </u>	
$(P_a)^2 - (P_a)^2$ or $(P_a)^2 - (P_d)^2$		(P _c) ² - (P _w) ² 1		e formula 1 or 2: $P_c^2 - P_a^2$ $P_c^2 - P_d^2$ $P_c^2 - P_d^2$ $I by: P_c^2 - P_w^2$ LOG of formula 1. or 2. and divide by:		P _c ² -P _w ²		Backpressure Curve Slope = "n" or Assigned Standard Slope		n x LOG		Antilog	De	Open Flow Deliverability Equals R x Antilog (Mcfd)	
									_						
Onen Flour	_							Doliverski			<u> </u>	M-44 @ 44.05			
Open Flow The unders	ianed	authority o		Acfd @ 14.6		tates that	he	Deliverabi		make th		Mcfd @ 14.65	_	vledge of	
he facts stated t	•	•								day of _UL	_	it and mat no		20 15	
									M	آسھ	- W/	#		 ,	
		Witness	(it any)			1-0-20			Mark	Biek		ompany rations	. Dir	ector	
		ForCom	nission		CONSERV	ATION DIV	ISIO:	N			Chec	ked by			

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 TREK AEC, LLC
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 KANAK #1
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
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: 7/4/2015
Received KANSAS CORPORATION COMMISSION Signature:
JUL 10 2015 Title: Mark Bieker, Operations Director
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.