

Kansas Corporation Commission One Point Stabilized Open Flow or Deliverability Test

Type Tes	t:				(See Instruc	tions on Rev	erse Side	e)					
Open Flow							451							
√ De	✓ Deliverabilty			Test Date 5/1/201		API No. 15 053-21113-0000								
Company TREK A		LC				Lease KANOPOLIS FE			DERAL		1-21	Well Number 1-21		
County Location ELLSWORTH SW SE				Section 21			TWP 16S		RNG (E/W) 7W		Acres Attributed			
Field KANAK					Reservoii GRAND	HAVEN				ering Conn CAN ENER		on ES PIPELINE, LLC		
Completion Date 1/21/03					Plug Bac 1775	k Total Dept	th		Packer Set at 1720					
Casing Size Weight 4.5 9.5				ht	Internal D	Diameter	Set at 1720		Perforations 1723		то 1 72 7	то 1 727		
Tubing Size Weight 2.375 4.7				ht	Internal D 1.955	Diameter	Set at 1720		Perforations		То	То		
					Type Flui SW	d Production	n		Pump Unit or Traveli NO		ng Plunger? Yes / No			
Producing Thru (Annulus / Tubing) % Carbon Dioxide % Nitrogen Gas Gravity - G _g												a _g		
Vertical Depth(H) Pressure Taps (Meter Run) (Prover) S FLANGE 2"										rover) Size				
Pressure Buildup: Shut in 5/1 20 15 at 8:00 AM (AM) (PM) Taken 20 at (AM)														
Well on Line: Started 5/2 20 15 at 8:00 AM (AM) (PM) Taken 20 at (AM)								AM) (PM)						
				•		OBSERVE	D SURFACE	DATA			Duration of Shu	t-in_24	Hours	
Static / Dynamic Property	amic Size		Circle one: Meter Prover Press		Flowing Well Hea Temperature t t		(P_w) or (P_1) or (P_a)		Tubing Wellhead Pressure (P _w) or (P _t) or (P _c)		Duration (Hours)		d Produced Barrels)	
Shut-In	, , ,		psig (Pm)	Inches H ₂ 0			psig psia		psig psia 200		24	0		
Flow	_							-						
						FLOW STR	EAM ATTRIE	UTES						
Plate Coeffiecient (F _b) (F _p) Mofd		Circle ane: Meter or Prover Pressure psia		Press Extension ✓ P _m x h	Grav Fact F _g	or	Temperature Fa		viation Metered Flo actor R = (Mcfd)		v GOR (Cubic F Barrel	eet/	Flowing Fluid Gravity G _m	
/D \2 -			(D)2.	_	(OPEN FLO		ERABILITY)				•) ² = 0.20		
$\frac{(P_c)^2 = {(P_c)^2 - (P_a)^2}}{(P_c)^2 - (P_d)^2}$		(P _c) 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	P _c ² - P _w ²	Backpressure Curve Slope = "n"		n x 100		Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)		
		_												
Open Flow Mcfd @ 14.65 psia							Deliverability 39.2 Mcfd @ 14.65 psia							
The	undersi	igned	d authority, o	on behalf of the	Company, s	tates that he	e is duly auth	orized to	make the	above repo	rt and that he h	as know	edge of	
		_	•	aid report is true	and correct	. Executed	this the 5	(day of <u>Ju</u>				20 15 .	
		_	Witness	(if any)		SCORPORATIO	ON COMMISSION	M	al	Q X	L			
			withess	n any)		JUL 10	1.0	ARK	BIEKE			DIRE	CTOR	
			For Comr	nission	CO	VSERVATION WICHITA, I	DIVISION KS			Chec	ked by			

• • •	under the laws of the state of Kansas that I am authorized to request 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								
	ype of completion or upon use being made of the gas well herein named. ption from open flow testing for the KANOPOLIS FEDERAL 1-21							
gas well on the grounds that said well:								
gao non en uto giocarias utat sata non								
(Check one)								
is a coalbed methal	ne 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 pr	roducing at a daily rate in excess of 250 mcf/D							
I further agree to supply to the bes	st of my ability any and all supporting documents deemed by Commission							
stan as necessary to correspond to the	dam for exemption from teeting.							
71510045								
Date: 7/5/2015								
	Signature: Mada 25							
Received KANSAS CORPORATION COMMISSION	Title: MARK BIEKER, OPERATIONS DIRECTOR							
JUL 1 0 2015	TITLE: WIARR BILKER, OF ERATIONS BIRECTOR							
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.