

**KANSAS CORPORATION COMMISSION**  
**ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST**  
 (See Instructions on Reverse Side)

Type Test:  Open Flow      Test Date: 11/28/2013      API No. 15-017-20081 - 0000  
 Deliverability

Company Trek AEC, LLC		Lease Kissel		Well Number 1-29	
County Chase	Location C SE NE	Section 29-T19S-R7E	TWP	RNG (E/W)	Acres Attributed
Field Eimdale		Reservoir		Gas Gathering Connection American Energies Pipeline	
Completion Date 3/06/02		Plug Back Total Depth 1260'		Packer Set At	
Casing Size 2 7/8"	Weight	Internal Diameter 1260'	Set at	Perforations 1248-1254	To 1220-1226
Tubing Size NA	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) Single		Type Fluid Production		Pumping Unit or Traveling Plunger? Yes/No	
Producing Thru (Annulus/Tubing)		% Carbon Dioxide 0.0575	% Nitrogen 11.9886	Gas Gravity - Gg 0.695	
Casing Vertical Depth (H) 1260		Pressure Taps Flange		(Meter Run)(Prover) Size	
Pressure Buildup: Shut In		11/28/13	at	10:00 AM (AM)(PM)	Taken
Well On Line: Started		11/29/13	at	10:00 AM (AM)(PM)	Taken
					at
					(AM)(PM)
					Duration Shut-in -

**OBSERVED SURFACE DATA**

Static Dynamic Property	Orifice Size (inches)	Circ One Meter Prover Pressure psig (Pm)	Pressure Differential In Inches H2O	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressures (Pw) or (Pt) or (Pc)		Tubing Wellhead Pressures (Pw) or (Pt) or (Pc)		Duration Hours	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						41	45			24	
Flow											

**FLOW STREAM ATTRIBUTES**

Plate Coefficient (fb) (Fp) mcfpd	Circ One Meter or Prover Pressure psia	Press Extension $\sqrt{Pm \times h}$	Gravity Factor Fg	Flowing Temperature Factor Ft	Deviation Factor Fpv	Metered Flow R (mcf)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity Gm

**(OPEN FLOW) (DELIVERABILITY) CALCULATIONS**

(Pc)2= \_\_\_\_\_ (Pw)2= \_\_\_\_\_ Pc= \_\_\_\_\_ %      (Pc-14.4)+14.4= \_\_\_\_\_      (Pa)2=0.207  
 (Ps)2= \_\_\_\_\_

(Pc)2-(Pa)2 or (Ps)2-(Pa)2	(Pc)2-(Pw)2	Choose formula 1 or 2: 1. Pc2-Pa2 2. Pc2-Pd2 divided by Pc2-Pw2	LOG of Formula 1. or 2. and divide by [Pc2-Pw2]	Backpressure Curve Slope = "n" or Assigned Standard Slope	N X LOG [ ]	Antilog	Open Flow Deliverability Equals R X Antilog (mcf)

Open Flow      Mcf @ 14.65 psia      Deliverability      Mcf @ 14.65 psia

The undersigned authority, on behalf of the Company, states that he is duly authorized to make the above report and that he has knowledge of the facts stated therein, and that said report is true and correct. Executed this the 9th day of December, 2013.

\_\_\_\_\_  
Witness (if any)  
\_\_\_\_\_  
For Commission

  
\_\_\_\_\_  
For Company  
Mark Bleker, Director of Operations  
\_\_\_\_\_  
Checked by

**KCC WICHITA**  
**FEB 11 2014**  
**RECEIVED**

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 KISSEL 1-29 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 the Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 12/9/2013

Signature: Mark Bieker

Title: Mark Bieker, Director of Operations

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 under 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

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