

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

Type Test: Open Flow Test Date: 10/21/2013 API No. 15-017-20800 -- 0000
 Deliverability

Company Trek AEC, LLC		Lease Starkey		Well Number A#1/7	
County Chase	Location SE SE NE	Section 34-T19S-6E	TWP 	RNG (E/W) 	Acres Attributed
Field Elmdale		Reservoir Lansing		Gas Gathering Connection American Energies Pipeline	
Completion Date 7/10/2000		Plug Back Total Depth 1177		Packer Set At NA	
Casing Size 4 1/2"	Weight 11#	Internal Diameter 4"	Set at 1177	Perforations 1145	To 1149
Tubing Size 1 1/4"	Weight 1.6#	Internal Diameter 1"	Set at 1135	Perforations 	To
Type Completion (Describe) Single		Type Fluid Production 0		Pumping Unit or Traveling Plunger? Yes/No No	
Producing Thru (Annulus/Tubing) Tubing		% Carbon Dioxide 0.23		% Nitrogen 13.3	
Vertical Depth (H) 1177		Pressure Taps Flange		Gas Gravity - Gg 0.6999	
				(Meter Run)(Prover) Size 2"	
Pressure Buildup:		Shut In 10/21/13 at 8:00 AM (AM)(PM)		Taken 10/21/13 at 8:00 AM (AM)(PM)	
Well On Line:		Started 10/22/13 at 8:00 AM (AM)(PM)		Taken 10/22/13 at 8:00 AM (AM)(PM)	
				Duration Shut-in -	

OBSERVED SURFACE DATA

Static Dynamic Property	Orifice Size (inches)	Circle One Meter Prover Pressure psig (Pm)	Pressure Differential in inches H ₂ O	Flowing Temperature t	Well Head Temperature	Casing Wellhead Pressures (P _w) or (P _i) or (P _c)		Tubing Wellhead Pressures (P _w) or (P _i) or (P _c)		Duration Hours	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						17	55			24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (f _p) (F _p) mcfpd	Circle One Meter or Prover Pressure psia	Press Extension √PmXh	Gravity Factor Fg	Flowing Temperature Factor F _{tt}	Deviation Factor F _w	Metered Flow R (mcf/d)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_c)₂= _____ (P_w)₂= _____ P_c= _____ % (P_c-14.4)+14.4= _____ (P_s)₂=0.207 (P_o)₂= _____

(P _c) ₂ -(P _s) ₂ or (P _c) ₂ -(P _o) ₂	(P _c) ₂ -(P _w) ₂	Choose formula 1 or 2. 1. P _c 2-P _s 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: [P _c 2-P _w 2]	Backpressure Curve Slope = "n" or Assigned Standard Slope	N X LOG []	Antilog	Open Flow Deliverability Equals R X Antilog (mcf/d)

Open Flow Mcf/d @ 14.65 psia Deliverability Mcf/d @ 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 Bieker, 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 STARKEY 1-7 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
DEC 11 2013
OFFICE