

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

Type Test:  Open Flow      Test Date: 8/20/2012      API No. \_\_\_\_\_  
 Deliverability      Lease No. 15-095-20320 - ~~0000~~

Company	Lease			Well Number
Trek AEC, LLC	Greenleaf Ranch	#2	2	
County	Location	Section	TWP	RNG (E/2)
Kingman	NW NW	7	28s	6w
Field	Reservoir		Gas Gathering Connection	
Negro Creek	Mississippian Chert		American Energies Pipeline	
Completion Date	Plug Back Total Depth		Packer Set At	
10/9/1973	3814'		N/A	
Casing Size	Weight	Internal Diameter	Set at	Perforations
4 1/2"	9.5#	4.060"	3809	OH
Tubing Size	Weight	Internal Diameter	Set at	Perforations
2 3/8"	5#	2"	3793'	To
Type Completion (Describe)	Type Fluid Production		Pumping Unit or Traveling Plunger? Yes/No	
Single	Saltwater		Pumping Unit	
Producing Thru (Annulus/Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - Gg	
Tubing	0.261	2.636	0.6625	
Vertical Depth (H)	Pressure Taps		(Meter Run)(Prover) Size	
3809'				
Pressure Buildup:	Shut In	8/19 2012	at	10:00 a.m. (AM)(PM)
	Taken	8/20 2012	at	11:30 a.m. (AM)(PM)
Well On Line:	Started	8/20 2012	at	(AM)(PM)
	Taken	2012	at	(AM)(PM)

**OBSERVED SURFACE DATA**

Static Dynamic Property	Onface 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 (P) or (Pc)		Tubing Wellhead Pressures (Pw) or (P) or (Pc)		Duration Hours	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						450		245		24	87 BWPD
Flow											

**FLOW STREAM ATTRIBUTES**

Plate Coefficient (h) (Fa) mcfpd	Circ One Meter or Prover Pressure psia	Press Extension sqrt(Xh)	Gravity Factor Fg	Flowing Temperature Factor Ftt	Deviation Factor Fdw	Metered Flow R (mcf)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity Gm

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

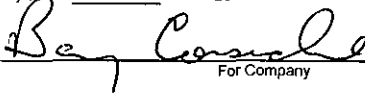
(P<sub>1</sub>)<sub>2</sub>= \_\_\_\_\_ (P<sub>w</sub>)<sub>2</sub>= \_\_\_\_\_ P<sub>a</sub>= \_\_\_\_\_ % (P<sub>c</sub>-14.4)+14.4= \_\_\_\_\_ (P<sub>1</sub>)<sub>2</sub>=0.207 (P<sub>a</sub>)<sub>2</sub>= \_\_\_\_\_

(P <sub>1</sub> ) <sub>2</sub> -(P <sub>a</sub> ) <sub>2</sub> or (P <sub>c</sub> ) <sub>2</sub> -(P <sub>a</sub> ) <sub>2</sub>	(P <sub>c</sub> ) <sub>2</sub> -(P <sub>w</sub> ) <sub>2</sub>	Choose formula 1 or 2 1. P <sub>1</sub> -P <sub>a</sub> 2. P <sub>c</sub> -P <sub>a</sub> divided by P <sub>c</sub> -P <sub>w</sub>	LOG of Formula 1, or 2, and divide by (P <sub>c</sub> -P <sub>w</sub> )	Backpressure Curve Slope = "n" or Assigned Standard Slope	N X LOG [ ]	Antilog	Open Flow Deliverability Equals R X Antilog (mcf)

Open Flow      Mcfd @ 14.65 psia      Deliverability 35 mcf/d      Mcfd @ 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 23rd day of December 2013

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

  
\_\_\_\_\_  
For Company  
\_\_\_\_\_  
Checked by

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DEC 26 2013

WICHITA, KS

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 Greenleaf Ranch 2 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 desired by the Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 12/23/2013

Signature: *Bay Condit*

Title: \_\_\_\_\_

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.

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CONSERVATION DIVISION  
WICHITA KS