

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

Type Test:

Open Flow
 Deliverability

Test Date: 8/20/2012

API No. 15-095-20849-00-01

Company		Lease			Well Number	
Trek AEC, LLC		Sowers			A-1 OWWO	
County	Location	Section	TWP	RNG (E/2)	Acres Attributed	
Kingman	SWSWSE	27	28	6W		
Field	Reservoir			Gas Gathering Connection		
Date	Mississippi			American Energies Pipeline		
Completion Date	Plug Back Total Depth			Packer Set At		
3/16/2005						
Casing Size	Weight	Internal Diameter	Set at	Perforations	To	
4 1/2"	10.5#	4.060"	4182'	4014	4020	
Tubing Size	Weight	Internal Diameter	Set at	Perforations	To	
2 3/8"	5#	2"	4026'	3994	4000	
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	0.13		5.69		0.6894	
Vertical Depth (H)	Pressure Taps			(Meter Run)(Prover) Size		
4182						
Pressure Buildup:	Shut In	8/20	2012	at	1:00 p.m.	(AM)(PM) Taken
					8/21	2012 at 2:00 p.m. (AM)(PM)
Well On Line:	Started	8/21	2012	at		(AM)(PM) Taken
					2012	at (AM)(PM)

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 (Pw) or (Pi) or (Pc)		Tubing Wellhead Pressures (Pw) or (Pi) or (Pc)		Duration Hours	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						235		120		24	120 BWPD
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (fs) (Fp) mcfpd	Circle One Meter or Prover Pressure psia	Press Extension vPmXh	Gravity Factor Fg	Flowing Temperature Factor Ft	Deviation Factor Fv	Metered Flow R (mcfpd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity Gm

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P₁)₂= _____ (P_w)₂= _____ P_d= _____ % (P₁-14.4)+14.4= _____ (P₁)₂=0.207 (P₁)₂= _____

(P ₁) ₂ -(P ₁) ₂ or (P ₁) ₂ -(P ₁) ₂	(P ₁) ₂ -(P _w) ₂	Choose formula 1 or 2: 1. P ₁ 2-P ₁ 2 2. P ₁ 2-P _d 2 divided by P ₁ 2-P _w 2	LOG of Formula 1. or 2. and divide by (P ₁ 2-P _w 2)	Backpressure Curve Slope = "n" or Assigned Standard Slope	N X LOG []	Antilog	Open Flow Deliverability Equals R X Antilog (mcfpd)

Open Flow _____ Mcfpd @ 14.65 psia Deliverability 31 mcfpd Mcfpd @ 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 _____ day of _____, 2013

Witness (if any)
For Commission

Ben Conditio

For Company
Checked by _____

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DEC 26 2013
CONSERVATION DIVISION
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.

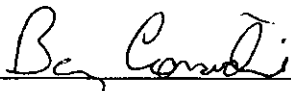
I hereby request a one-year exemption from open flow testing for the Sowers A-1 QWWO gas well on the grounds that said well:

(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: 12/23/2013

Signature: 
Title: Barry Considine, Pipeline Superintendent

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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