

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

Type Test: Open Flow Test Date: 5/20/2013 API No. 15-095-20509-00-01
 Deliverability

Company		Lease		Well Number				
Trek AEC, LLC		Sowers C #1 OWWO		#1				
County	Location	Section	TWP	RNG (E/W)	Acres Attributed			
Kingman	192' FNL and 94' FEL	S/2 NW NE Section 27-T28S-R6W						
Field		Reservoir		Gas Gathering Connection				
Date		Mississippian		American Energies Pipeline				
Completion Date		Plug Back Total Depth		Packer Set At				
10/5/2005		3948'						
Casing Size	Weight	Internal Diameter	Set at	Perforations	To			
4 1/2"	10.5#	4.060"	3948	3892	3900			
Tubing Size	Weight	Internal Diameter	Set at	Perforations	To			
2 3/8"	5#	2"	3886					
Type Completion (Describe)		Type Fluid Production		Pumping Unit or Traveling Plunger? Yes/No				
Single		Saltwater						
Producing Thru (Annulus/Tubing)		% Carbon Dioxide	% Nitrogen	Gas Gravity - G _g				
Tubing		0.1081	5.6215	0.6277				
Vertical Depth (H)		Pressure Taps		(Meter Run)(Prover) Size				
3948'								
Pressure Buildup:	Shut In	5/20/2013	at	11:00 a.m. (AM)(PM)	Taken	5/21/2013	at	1100 a.m. (AM)(PM)
Well On Line:	Started	5/21/2013	at	1100 a.m. (AM)(PM)	Taken		at	
						Duration Shut-in		24 hours

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						275		275		24	80 BWPD
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (f _b) (F _f) mcf/d	Circle One Meter or Prover Pressure psia	Press Extension √PmXh	Gravity Factor F _g	Flowing Temperature Factor F _t	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_c)₂=0.207
(P_c)₂= _____

(P _c) ₂ -(P _w) ₂ or (P _c) ₂ -(P _d) ₂	(P _c) ₂ -(P _w) ₂	Choose formula 1 or 2: 1. P _c 2-P _w 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 31 mcf/d 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

Mark Bleker
For Company
Mark Bleker, Operations Director
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 Sowers C #1 OWWO #1
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, Operations Director

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.

12/14/2013 10:01 AM
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