

# KANSAS CORPORATION COMMISSION ONE POINT STABILIZED OPEN FLOW OR DELIVERABILITY TEST

Type Test:

(See Instructions on Reverse Side)

- Open Flow  
 Deliverability

Test Date:  
3-17-2011

API No. 15  
15-095-00478-0001

Company American Energies Corp		Lease Grabber		Well Number 1-35 OWWO	
County Kingman	Location C NW SW	Section 35	TWP 27S	RNG (E/W) 7W	Acres Attributed
Field Wildcat		Reservoir Mississippian		Gas Gathering Connection American Energies Pipeline	
Completion Date 12/26/1982		Plug Back Total Depth 3945		Packer Set at 3930	
Casing Size 4 1/2"	Weight 10.5	Internal Diameter 4.060	Set at 3992	Perforations 3928-3932	To 3960-3961
Tubing Size 2 3/8"	Weight 5#	Internal Diameter 2"	Set at 3930	Perforations	To

Type Completion (Describe) Single (Gas)	Type Fluid Production Saltwater	Pump Unit or Traveling Plunger? Flowing	Yes / <input checked="" type="checkbox"/> No
Producing Thru (Annulus / Tubing) Tubing	% Carbon Dioxide	% Nitrogen	Gas Gravity - G <sub>g</sub>

Vertical Depth(H)	Pressure Taps		(Meter Run) (Prover) Size Meter Run
Pressure Buildup: Shut in	3-16-2011	20 11 at 8 am	(AM) (PM) Taken
Well on Line: Started	3-17-2011	20 11 at 10 am	(AM) (PM) Taken

### OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circs one Meter Prover Pressure psig (Pm)	Pressure Differential in Inches H <sub>2</sub> O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>e</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>i</sub> ) or (P <sub>e</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						1000		800		24	
Flow											

### FLOW STREAM ATTRIBUTES

Plate Coefficient (F <sub>p</sub> ) (F <sub>p</sub> ) Mcfd	Circs one Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F <sub>g</sub>	Flowing Temperature F <sub>t</sub>	Deviation Factor F <sub>pv</sub>	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G <sub>g</sub>

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>c</sub>)<sup>2</sup> = : (P<sub>w</sub>)<sup>2</sup> = : P<sub>g</sub> = % (P<sub>c</sub> - 14.4) + 14.4 = : (P<sub>c</sub>)<sup>2</sup> = 0.207  
(P<sub>g</sub>)<sup>2</sup> =


(P <sub>c</sub> ) <sup>2</sup> - (P <sub>g</sub> ) <sup>2</sup> or (P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	(P <sub>c</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Checco formula 1 or 2 1. P <sub>c</sub> <sup>2</sup> - P <sub>g</sub> <sup>2</sup> 2. P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> divided by P <sub>c</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $\frac{P_c^2 - P_w^2}{P_c^2 - P_g^2}$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia      Deliverability 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 17 day of March, 20 11.

Witness (if any)

For Commission

  
 RECEIVED  
 JUN 13 2012  
 KCC WICHITA

For Company

Checked by

KCC WICHITA

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 American Energies Corp 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 Graber 1-35-OWWO 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 Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 3-17-2011

Signature: *Ray Comstock*  
Title: *Pipeline Supervisor*

**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 until 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.

RECEIVED  
JUN 13 2012  
KCC WICHITA