

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

(See Instructions on Reverse Side)

Type Test:

- Open Flow  
 Deliverability

Test Date:  
June 1st 2011

API No. 15  
15-079-20304 - 00-00

Company <b>American Energies Corporation</b>			Lease <b>Goering F</b>		Well Number <b>1</b>
County <b>Harvey</b>	Location <b>SW NE SW</b>	Section <b>3</b>	TWP <b>22S</b>	Range (E/W) <b>2W</b>	Acres Attributed
Field <b>Harmac Southeast</b>		Reservoir <b>Mississippi</b>	Gas Gathering Connection <b>American Energies Pipeline</b>		
Completion Date <b>12/30/1977</b>		Plug Back Total Depth <b>3250</b>	Packer Set at <b>none</b>		
Casing Size <b>4/12</b>	Weight <b>10.5</b>	Internal Diameter <b>4</b>	Set at <b>3250</b>	Perforations <b>3140</b>	To <b>3142</b>
Tubing Size <b>2 3/8</b>	Weight	Internal Diameter	Set at	Perforations	To
Type Completion (Describe) <b>Single</b>		Type Fluid Production <b>SW</b>	Pump Unit or Traveling Plunger? Yes / No <b>pumping unit</b>		
Producing Thru (Annulus / Tubing) <b>Tubing</b>		% Carbon Dioxide	% Nitrogen	Gas Gravity - G <sub>g</sub>	
Vertical Depth(H) <b>3257</b>		Pressure Taps <b>Flange</b>		(Meter Run) (Prover) Size <b>2"</b>	
Pressure Buildup: Shut in <b>6/1</b> at <b>11</b> at <b>10:40 am</b> (AM) (PM) Taken <b>6/2</b> at <b>11</b> at <b>11:30am</b> (AM) (PM)					
Well on Line: Started <b>6/2</b> at <b>11</b> at <b>11:30am</b> (AM) (PM) Taken _____ at _____ (AM) (PM)					

### OBSERVED SURFACE DATA

Duration of Shut-in **24** Hours

Static / Dynamic Property	Orifice Size (inches)	Circle 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>1</sub> ) or (P <sub>2</sub> )		Tubing Wellhead Pressure (P <sub>w</sub> ) or (P <sub>1</sub> ) or (P <sub>2</sub> )		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						235	253			24	
Flow											

### FLOW STREAM ATTRIBUTES

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

### (OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P<sub>o</sub>)<sup>2</sup> = 0.207  
(P<sub>d</sub>)<sup>2</sup> = \_\_\_\_\_

(P<sub>o</sub>)<sup>2</sup> = \_\_\_\_\_ : (P<sub>w</sub>)<sup>2</sup> = \_\_\_\_\_ : P<sub>d</sub> = \_\_\_\_\_ % (P<sub>o</sub> - 14.4) + 14.4 = \_\_\_\_\_ :

(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup> or (P <sub>o</sub> ) <sup>2</sup> - (P <sub>d</sub> ) <sup>2</sup>	(P <sub>o</sub> ) <sup>2</sup> - (P <sub>w</sub> ) <sup>2</sup>	Choose formula 1 or 2: 1. P <sub>o</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup> 2. P <sub>o</sub> <sup>2</sup> - P <sub>d</sub> <sup>2</sup> divided by: P <sub>o</sub> <sup>2</sup> - P <sub>w</sub> <sup>2</sup>	LOG of formula 1. or 2. and divide by: $\frac{P_o^2 - P_w^2}{P_o^2 - P_d^2}$	Backpressure Curve Slope = "n" 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 2nd day of June, 20 11.

Witness (if any)

For Commission

*Barry Concedine*  
For Company

Checked by

Checked by

RECEIVED

JUN 27 2012

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 Goering F-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 Commission staff as necessary to corroborate this claim for exemption from testing.

Date: 6-10-2011

Signature: Barry Conidine  
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 27, 2012**  
**KCC WICHITA**

RUN DATE: 06/26/2012  
 TIME: 1:42:57PM  
 USER ID: MARY

**American Energies Corporation**  
 Production Management System  
 Prod Hist w/Notes & Chart

PAGE NO: 2  
 REPORT: PM64302.rpt  
 CO. ID: AEC

WELL : 10401015

GOERING F GAS UNIT

NRI: 0.82031250

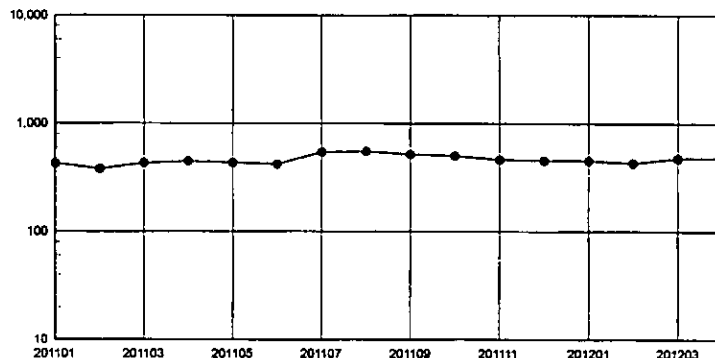
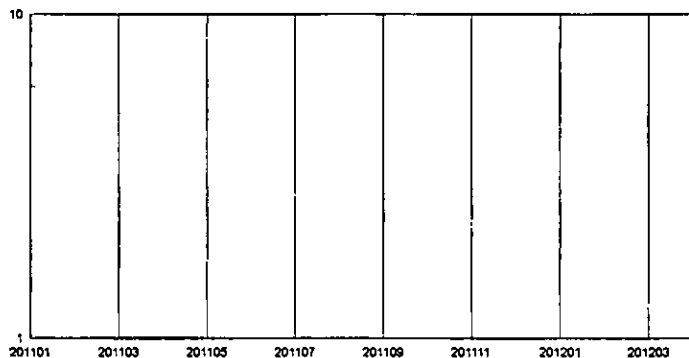
AMERICAN ENERGIES CORPORATION Share

Date Mo/Yr	Days Prod	Oil Prod	Average BOPD	Oil Sold	Gas Prod	Average MCFPD	Gas Sold	Water	NRI Oil Prod	NRI Oil Sales	NRI Gas Sales
01/2011	31	0	0.00	0.00	428	13.81	428	0	0.00	0.00	351.09
02/2011	28	0	0.00	0.00	380	13.57	380	0	0.00	0.00	311.72
03/2011	31	0	0.00	0.00	433	13.97	433	0	0.00	0.00	355.20
04/2011	30	0	0.00	0.00	448	14.93	448	0	0.00	0.00	367.50
05/2011	31	0	0.00	0.00	434	14.00	434	0	0.00	0.00	356.02
06/2011	30	0	0.00	0.00	420	14.00	420	0	0.00	0.00	344.53
07/2011	31	0	0.00	0.00	545	17.58	545	0	0.00	0.00	447.07
08/2011	31	0	0.00	0.00	556	17.94	556	0	0.00	0.00	456.09
09/2011	30	0	0.00	0.00	520	17.33	520	0	0.00	0.00	426.56
10/2011	31	0	0.00	0.00	504	16.26	504	0	0.00	0.00	413.44
11/2011	28	0	0.00	0.00	464	16.57	464	0	0.00	0.00	380.63
12/2011	31	0	0.00	0.00	455	14.68	455	0	0.00	0.00	373.24
01/2012	31	0	0.00	0.00	454	14.65	454	0	0.00	0.00	372.42
02/2012	29	0	0.00	0.00	433	14.93	433	0	0.00	0.00	355.20
03/2012	29	0	0.00	0.00	477	16.45	477	0	0.00	0.00	391.29
04/2012	30	0	0.00	0.00	480	16.00	480	0	0.00	0.00	393.75
<b>TOTAL</b>		<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>7,431</b>	<b>15.42</b>	<b>7,431</b>	<b>0</b>	<b>0.00</b>	<b>0.00</b>	<b>6,095.74</b>

NOTES: Pumper - Rory Rierson  
 Location - SW NE SW Section 3-T22S-R2W, Harvey County, Kansas  
 Well was acquired in Schulz Acquisition 1/1/03.

This well does not produce any water.  
 07/2011 - Loaded tubing, needs pump change, installed new pump.  
 11/2011 - CHEMICAL TREATMENT  
 03/2012 - CHEMICAL TREATMENT

GAS PRODUCTION



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