

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
15-079-20282 - 00-00

Company American Energies Corporation		Lease Lohrentz A		Well Number A	
County Harvey	Location NW SE NE	Section 7	TWP 22S	RNG (E/W) 2W	Acres Attributed
Field Harmac Southeast		Reservoir Mississippi		Gas Gathering Connection American Energies Pipeline	
Completion Date 10/25/1976		Plug Back Total Depth 3240		Packer Set at	
Casing Size 4/12	Weight 10.5	Internal Diameter 4	Set at 3240	Perforations 3201	To 3205
Tubing Size 2 3/8	Weight 4.5	Internal Diameter 2	Set at	Perforations	To
Type Completion (Describe) Single		Type Fluid Production SW		Pump Unit or Traveling Plunger? Yes / No pumping unit	
Producing Thru (Annulus / Tubing) Tubing		% Carbon Dioxide		% Nitrogen 6.09	
Vertical Depth(H) 3250		Pressure Taps Flange		Gas Gravity - G _g 0.6766	
				(Meter Run) (Prover) Size 2"	
Pressure Buildup: Shut in <u>6/1</u> 20 <u>11</u> at <u>2:40 pm</u> (AM) (PM) Taken <u>6/2</u> 20 <u>11</u> at <u>3:30p</u> (AM) (PM)					
Well on Line: Started <u>6/2</u> 20 <u>11</u> at <u>3:30 pm</u> (AM) (PM) Taken _____ 20 _____ 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 ₂ O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P _{cs}) or (P _{cs}) or (P _{cs})		Tubing Wellhead Pressure (P _{tu}) or (P _{tu}) or (P _{tu})		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-in						325	340			24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F _v) (F _p) Mcfd	Circle one: Meter or Prover Pressure psia	Press Extension $\sqrt{P_m \times h}$	Gravity Factor F _g	Flowing Temperature Factor F _t	Deviation Factor F _{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G _a

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

(P_o)² = 0.207
(P_o)² = _____

(P_o)² = _____ ; (P_w)² = _____ ; P_o = _____ % (P_o - 14.4) + 14.4 = _____

(P _o) ² - (P _w) ² or (P _o) ² - (P _o) ²	(P _o) ² - (P _w) ²	Choose formula 1 or 2: 1. P _o ² - P _w ² 2. P _o ² - P _o ² divided by: P _o ² - P _w ²	LOG of formula 1. or 2. and divide by: $\frac{P_o^2 - P_w^2}{P_o^2 - P_o^2}$	Backpressure Curve Slope = "n" or Assigned Standard Slope	n x LOG $\left[\frac{P_o^2 - P_w^2}{P_o^2 - P_o^2} \right]$	Antilog	Open Flow Deliverability Equals R x Antilog (Mcfd)

Open Flow Mcfd @ 14.65 psia Deliverability 50 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 Condit
For Company

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Checked by **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 Lohrentz A 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: Bay W Conradi
 Title: Regional 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.

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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: 7
 REPORT: PM64302.rpt
 CO. ID.: AEC

WELL: 10401019 LOHRENTZA

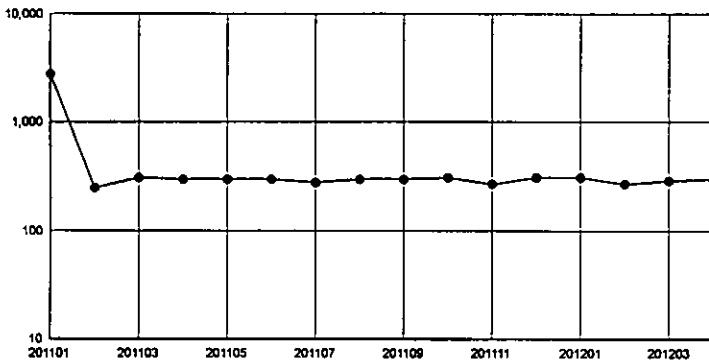
NRI: 0.84765625

AMERICAN ENERGIES CORPORATION Share

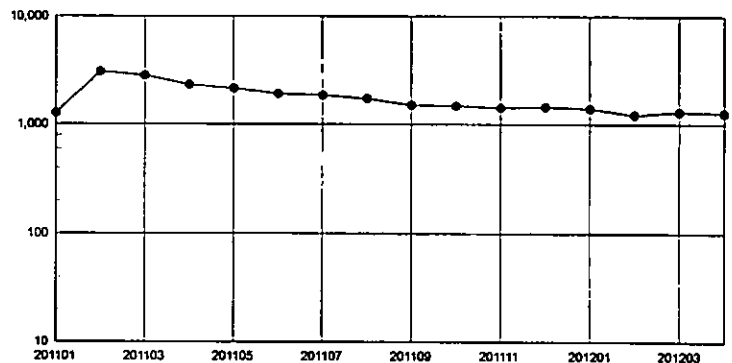
Date Mo/Yr	Days Prod	Oil Prod	Average BOPD	Oil Sold	Gas Prod	Average MCFPD	Gas Sold	Water	NRI Oil Prod	NRI Oil Sales	NRI Gas Sales
01/2011	28	0	0.00	0.00	1,272	45.43	1,272	2,800	0.00	0.00	1,078.22
02/2011	25	0	0.00	0.00	3,081	123.24	3,081	250	0.00	0.00	2,611.63
03/2011	31	0	0.00	0.00	2,835	91.45	2,835	310	0.00	0.00	2,403.11
04/2011	30	0	0.00	0.00	2,340	78.00	2,340	300	0.00	0.00	1,983.52
05/2011	30	0	0.00	0.00	2,162	72.07	2,162	300	0.00	0.00	1,832.63
06/2011	30	0	0.00	0.00	1,927	64.23	1,927	300	0.00	0.00	1,633.43
07/2011	28	0	0.00	0.00	1,868	66.71	1,868	280	0.00	0.00	1,583.42
08/2011	30	0	0.00	0.00	1,736	57.87	1,736	300	0.00	0.00	1,471.53
09/2011	30	0	0.00	0.00	1,511	50.37	1,511	300	0.00	0.00	1,280.81
10/2011	31	0	0.00	0.00	1,489	48.03	1,489	310	0.00	0.00	1,262.16
11/2011	27	0	0.00	0.00	1,432	53.04	1,432	270	0.00	0.00	1,213.84
12/2011	31	0	0.00	0.00	1,454	46.90	1,454	310	0.00	0.00	1,232.49
01/2012	31	0	0.00	0.00	1,405	45.32	1,405	310	0.00	0.00	1,190.96
02/2012	27	0	0.00	0.00	1,224	45.33	1,224	270	0.00	0.00	1,037.53
03/2012	29	0	0.00	0.00	1,304	44.97	1,304	290	0.00	0.00	1,105.34
04/2012	30	0	0.00	0.00	1,273	42.43	1,273	300	0.00	0.00	1,079.07
TOTAL		0	0.00	0.00	28,313	60.50	28,313	7,200	0.00	0.00	23,999.69

NOTES: Pumper - Rory Rierson
 Location - NW SE NE Section 7-T22S-R2W, Harvey Co.
 This well was acquired in Schulz Acquisition 1/1/03.
 If this well produces any water, it disposes into the Gehring #2 SWD.
 01/2011 - Workover - ran in rods and set pumping unit.
 02/2011 - choke frozen - repaired
 03/2011 - Changed orifice from 3/4 to 1/2".
 05/2011 - CHEMICAL TREATMENT
 06/2011 - Replaced kimray. Changed from 1/2" plate to 3/8" plate.
 07/2011 - SHUT IN CHEMICAL TREATMENT
 08/2011 - Installing electronic ignition
 10/2011 - Replaced saddle bearing.
 11/2011 - Wrist pins removed & replaced CHEMICAL TREATMENT
 12/2011 - Dump valve was stuck open on separator. Shut to differential, went from 2 to 30 immediately.
 02/2012 - Pump Change
 03/2012 - CHEMICAL TREATMENT

OIL & Water PRODUCTION



GAS PRODUCTION



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