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

Type Test:

☐ Open Flow

☑ Deliverabilty

Test Date:
June 6th 2012

API No. 15
15-113-01850-0001

Company		Lease	Well Number
American Energies Corporation		Vogts John	#1

County	Location	Section	TWP	RNG (E/W)	Acres Attributed
McPherson	NE SE SE	8	20S	1W	

Field	Reservoir	Gas Gathering Connection
Ritz Canton	Mississippi	American Energies Pipeline

Completion Date	Plug Back Total Depth	Packer Set at
9/27/1965	3436	none

Casing Size	Weight	Internal Diameter	Set at	Perforations	To
51/2	15.5	5	3436	3419	3421

Tubing Size	Weight	Internal Diameter	Set at	Perforations	To
2 7/8	5.7		3375		

Type Completion (Describe)	Type Fluid Production	Pump Unit or Traveling Plunger? Yes / No
Single	SW	pumping unit

Producing Thru (Annulus / Tubing)	% Carbon Dioxide	% Nitrogen	Gas Gravity - G_g
Tubing		4.09	0.6866

Vertical Depth(H)	Pressure Taps	(Meter Run) (Prover) Size
3439	Flange	4"

Pressure Buildup: Shut in 6/6 20 12 at 10:45am (AM) (PM) Taken 6/7 20 12 at 3:30pm (AM) (PM)

Well on Line: Started 6/7 20 12 at 3:30pm (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_2O	Flowing Temperature t	Well Head Temperature t	Casing Wellhead Pressure (P_w) or (P_t) or (P_c)		Tubing Wellhead Pressure (P_w) or (P_t) or (P_c)		Duration (Hours)	Liquid Produced (Barrels)
						psig	psia	psig	psia		
Shut-In						185	200			24	
Flow											

FLOW STREAM ATTRIBUTES

Plate Coefficient (F_b) (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_{ft}	Deviation Factor F_{pv}	Metered Flow R (Mcfd)	GOR (Cubic Feet/ Barrel)	Flowing Fluid Gravity G_m

(OPEN FLOW) (DELIVERABILITY) CALCULATIONS

$(P_s)^2 = 0.207$

$(P_c)^2 = $ _____ : $(P_w)^2 = $ _____ : $P_d = $ _____ % $(P_c - 14.4) + 14.4 = $ _____ : $(P_d)^2 = $ _____

$(P_c)^2 - (P_s)^2$ or $(P_c)^2 - (P_d)^2$	$(P_c)^2 - (P_w)^2$	Choose formula 1 or 2: 1. $P_c^2 - P_s^2$ 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 (Mcfd)

Open Flow	Mcfd @ 14.65 psia	Deliverability 23	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 7th day of June , 20 12 .

Witness (if any)

For Commission

For Company

Checked by

CONSERVATION DIVISION
WICHITA, KS