#### CAROLAS FRANK P Form 3 May 23, 2007 UNITED STATES SECURITIES AND EXCHANGE COMMISSION FORM 3 Washington, D.C. 20549 0

### **INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

### (Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> CAROLAS FRANK P	<ul><li>2. Date of Event Requiring</li><li>Statement</li><li>(Month/Day/Year)</li></ul>	3. Issuer Name <b>and</b> Ticker or Trading Symbol Atlas America Series 27-2006 LP [ATLS]				
(Last) (First) (Middle)	05/23/2007	4. Relationship of Reporting Person(s) to Issuer			5. If Amendment, Date Original Filed(Month/Day/Year)	
311 ROUSER RD. (Street) MOON TOWNSHIP, PA 15108		Director X Officer (give title below	all applicable) 	Owner ow)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person	
(City) (State) (Zip)	Table I - N	lon-Derivat	ive Securiti	es Be	neficially Owned	
1.Title of Security (Instr. 4)	2. Amount of Beneficially (Instr. 4)	f Securities	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)		ture of Indirect Beneficial rship	
Managing General Partner Interest	t 0		D	Â		
Investor General Partner Units	0		D	Â		
Converted Limited Partner Units	0		D	Â		
Limited Partner Units	0		D	Â		

Reminder: Report on a separate line for each class of securities beneficially SEC 1473 (7-02) owned directly or indirectly.

### Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security	2. Date Exercisable and	3. Title and Amount of	4.	5.	6. Nature of Indirect
(Instr. 4)	Expiration Date	Securities Underlying	Conversion	Ownership	Beneficial Ownership

	THOTAL
OMB Number:	3235-0104
	January 31,

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(Month/Day/Year)			Derivative Security (Instr. 4)		or Exercise Price of	Form of Derivative	(Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Derivative Security	Security: Direct (D) or Indirect (I) (Instr. 5)	

## **Reporting Owners**

Reporting Owner Name / Address		Relationships					
		Director	10% Owner	Officer	Other		
CAROLAS FRANK P 311 ROUSER RD. MOON TOWNSHIP, PA	15108	Â	Â	Executive VP Land and Geology	Â		
Signatures							
/s/ Frank P. Carolas	05/23/200	7					
<u>**</u> Signature of Reporting Person	Date						

# **Explanation of Responses:**

\* If the form is filed by more than one reporting person, *see* Instruction 5(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.