

### INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL

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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934  
or Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person*</b> <u>Total Energy Ventures International</u>  (Last) (First) (Middle) 2 PLACE JEAN MILLIER, LA DEFENSE CEDEX 6  (Street) PARIS IO 92078  (City) (State) (Zip)	<b>2. Date of Event Requiring Statement (Month/Day/Year)</b> 02/08/2011	<b>3. Issuer Name and Ticker or Trading Symbol</b> <u>Gevo, Inc.</u> [ GEVO ]  <b>4. Relationship of Reporting Person(s) to Issuer (Check all applicable)</b> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	<b>5. If Amendment, Date of Original Filed (Month/Day/Year)</b>  <b>6. Individual or Joint/Group Filing (Check Applicable Line)</b> <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person
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#### Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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#### Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			
Series D Preferred Stock	(1)	(1)	Common Stock	1,704,546 <sup>(2)</sup>	(1)	D	
Series D-1 Preferred Stock	(3)	(3)	Common Stock	292,057 <sup>(3)</sup>	(3)	D	

**Explanation of Responses:**

1. The preferred stock is convertible into shares of the Issuer's common stock at any time on a one-for-one basis and has no expiration date.
2. The preferred stock will automatically convert into shares of the Issuer's common stock upon the completion of the Issuer's initial public offering.
3. The preferred stock is currently convertible into shares of the Issuer's common stock on a one-for-one basis and has no expiration date. However, upon completion of the Issuer's initial public offering, each share of the preferred stock will automatically convert into a number of shares of the Issuer's common stock as determined pursuant to the terms of the Issuer's Amended and Restated Certificate of Incorporation, filed with the Secretary of State of the State of Delaware on May 4, 2010, a copy of which is attached as Exhibit 3.1 to the Issuer's Registration Statement on Form S-1 (File No. 333-168792), as amended, initially filed with the Securities and Exchange Commission on August 12, 2010.

/s/ Manuelle Lepoutre

02/08/2011

\*\* Signature of Reporting Person

Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

\* 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.

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