

# FORM 4

**UNITED STATES SECURITIES AND EXCHANGE COMMISSION**  
**Washington, D.C. 20549**

OMB APPROVAL
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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

## STATEMENT OF CHANGES IN 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* Soltero Eugene A			2. Issuer Name <b>and</b> Ticker or Trading Symbol ZION OIL & GAS INC ZN			5. Relationship of Reporting Person(s) to Issuer (Check all applicable)  <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input checked="" type="checkbox"/> Other (specify below) <input type="checkbox"/> Member >10% group		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) 6/11/2008					
7127 HILLGREEN DR.  (Street)			4. If Amendment, Date Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
DALLAS TX 75214  (City) (State) (Zip)			<b>Table I -- Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned</b>					

1. Title of Security (Instr. 3)	2. Trans- action Date  (Month/ Day/ Year)	2A. Deemed Execution Date, if any  (Month/ Day/ Year)	3. Trans- action Code (Instr. 8)		4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported Transaction(s)  (Instr. 3 and 4)	6. Owner- ship Form: Direct (D) or Indirect (I)  (Instr. 4)	7. Nature of Indirect Beneficial Owner- ship  (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	6/11/ 2008	6/16/ 2008	S		400	D	\$6.68	442,181	D	
Common Stock	6/16/ 2008	6/19/ 2008	S		1,000	D	\$6.68	441,181	D	
Common Stock	6/18/ 2008	6/23/ 2008	S		1,100	D	\$6.68	440,081	D	

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 4(b)(v).

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FORM 4 (continued)

**Table II -- Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)		5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
								Date Exercisable	Expiration Date						
				Code	V	(A)	(D)								

Explanation of Responses:

\*\* 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.

Eugene A. Soltero  
\*\* Signature of Reporting Person

6/18/2008  
Date

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.