ZION OIL & GAS INC

Form 4

February 28, 2007

FORM 4

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

OMB 3235-0287 Number:

Estimated average

burden hours per

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

0.5

OMB APPROVAL

Form 4 or Form 5 obligations may continue. See Instruction

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

response...

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person *SOLTERO KAREN	2. Issuer Name and Ticker or Trading Symbol ZION OIL & GAS INC [ZN]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)			
(Last) (First) (Middle)	3. Date of Earliest Transaction	(Check an applicable)			
11113 MOORPARK ST., SUITE 107	(Month/Day/Year) 01/11/2007	Director 10% Owner Officer (give titleX Other (specify below) member-13(d) group owning >10%			
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			
W. TOLICA LAKE, CA 91602	Filed(Month/Day/Year)				

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			5. Amount of Securities Beneficially Owned Following Reported	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
			Code V	Amount	(A) or (D)	Price	Transaction(s) (Instr. 3 and 4)		
Common Stock	01/11/2007		S	7,000	D	\$ 10.04	64,373	D	
Common Stock	01/12/2007		S	6,000	D	\$ 10.05	58,373	D	
Common Stock	01/29/2007		S	9,755	D	\$ 8.01	48,618	D	
Common Stock	02/26/2007		G	500	D	\$ 0	48,118	D	
Common Stock	02/26/2007		G	100	A	\$0	48,018	D	

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Common Stock 02/26/2007 S 1,335 D \$ 7.41 46,683 D

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

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SEC 1474

(9-02)

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

1. Title of Derivating Security (Instr. 3)	ve Conversion or Exercise	3. Transaction Date (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. orNumber of Derivative Securities Acquired (A) or Disposed	.	Date	Amour Under Securi	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Owne Follo Repo Trans
				of (D) (Instr. 3, 4, and 5)	Date	Expiration		Amount		(Instr
			Code V	(A) (D)	Exercisable	Date	Title	Number of Shares		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

SOLTERO KAREN 11113 MOORPARK ST. SUITE 107 W. TOLICA LAKE, CA 91602

member-13(d) group owning >10%

Signatures

Sandra Green AIF for Karen Soltero

02/28/2007

**Signature of Reporting Person

Date

Explanation of Responses:

- * If the form is filed by more than one reporting person, see Instruction 4(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.

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