

**ENSCO PLC**  
Reported by  
**MOOMJIAN CARY A JR**

**FORM 4**  
(Statement of Changes in Beneficial Ownership)

Filed 03/02/11 for the Period Ending 02/28/11

Telephone	4402076594660
CIK	0000314808
Symbol	ESV
SIC Code	1381 - Drilling Oil and Gas Wells
Industry	Oil Well Services & Equipment
Sector	Energy
Fiscal Year	12/31

# FORM 4

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

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

OMB APPROVAL  
OMB Number: 3235-0287  
Expires: February 28, 2011  
Estimated average burden hours per response... 0.5

**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(f) of the  
Investment Company Act of 1940

1. Name and Address of Reporting Person *		2. Issuer Name and Ticker or Trading Symbol		5. Relationship of Reporting Person(s) to Issuer (Check all applicable)	
<b>MOOMJIAN CARY A JR</b>		<b>Enscopl [ ESV ]</b>		<input type="checkbox"/> Director <span style="float:right"><input type="checkbox"/> 10% Owner</span> <input checked="" type="checkbox"/> Officer (give title below) <span style="float:right"><input type="checkbox"/> Other (specify below)</span> <b>Vice President and Secretary</b>	
(Last) (First) (Middle)	3. Date of Earliest Transaction (MM/DD/YYYY)				
<b>500 N. AKARD STREET, SUITE 4300</b>	<b>2/28/2011</b>				
(Street)	4. If Amendment, Date Original Filed (MM/DD/YYYY)		6. Individual or Joint/Group Filing (Check Applicable Line)		
<b>DALLAS, TX 75201-3331</b>			<input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person		
(City) (State) (Zip)					

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
American Depositary Shares	2/28/2011		F		303 (1)	D	\$56.10	46543	D	
American Depositary Shares	2/28/2011		M		1390	A	\$33.545	47933	D	
American Depositary Shares	2/28/2011		S		1390	D	\$56.00	46543	D	
American Depositary Shares	2/28/2011		M		3300	A	\$33.545	49843	D	
American Depositary Shares	2/28/2011		S		3300	D	\$56.01	46543	D	

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

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (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)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Employee Stock Option (Right to Buy)	\$33.545	2/28/2011		M		1390		6/1/2005 (2)	6/1/2012	American Depositary Shares	1390	\$0	3300	D	
Employee Stock Option (Right to Buy)	\$33.545	2/28/2011		M		3300		6/1/2005	6/1/2012	American Depositary Shares	3300	\$0	0	D	

**Explanation of Responses:**

(1) Amount is representative of American Depositary Shares surrendered for tax purposes upon vesting of restricted shares which took place on 02/28/2011.

(2) The Employee Stock Options vest at a rate of 25% per annum on the anniversary date of the grant.

**Reporting Owners**

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>MOOMJIAN CARY A JR 500 N. AKARD STREET SUITE 4300 DALLAS, TX 75201-3331</b>			<b>Vice President and Secretary</b>	

**Signatures**

/s/ Robert O. Isaac, by Power of Attorney

3/2/2011

\*\* 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 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.

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