

**ENSCO PLC**  
Reported by  
**ARMOUR DAVID A**

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

Filed 09/17/10 for the Period Ending 09/16/10

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**

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**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

<b>1. Name and Address of Reporting Person *</b>  <b>ARMOUR DAVID A</b> <small>(Last) (First) (Middle)</small>  <b>500 N. AKARD STREET, SUITE 4300</b> <small>(Street)</small>  <b>DALLAS, TX 75201-3331</b> <small>(City) (State) (Zip)</small>	<b>2. Issuer Name and Ticker or Trading Symbol</b>  <b>Enscopl [ ESV ]</b>	<b>5. Relationship of Reporting Person(s) to Issuer (Check all applicable)</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</b>
<b>3. Date of Earliest Transaction (MM/DD/YYYY)</b>  <p align="center"><b>9/16/2010</b></p>		<b>6. Individual or Joint/Group Filing (Check Applicable Line)</b>  <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
<b>4. If Amendment, Date Original Filed (MM/DD/YYYY)</b>		

**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	9/16/2010		F		565 (1)	D	\$44.25	22910	D	
American Depositary Shares	8/31/2010 (2)		A		10.8171 (3)	A	\$19.88 (4)	1195.9357 (2)	I	Enscopl Savings and Retirement Plans

**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				

**Explanation of Responses:**

- (1) Amount is representative of American Depositary Shares surrendered for tax purposes upon vesting of restricted shares which took place on 09/16/2010.
- (2) Amount is representative of Enscopl American Depositary Shares acquired, and held indirectly, through normal payroll contributions to the Enscopl Savings and Retirement Plans as of 08/31/2010.
- (3) Amount is representative of Enscopl American Depositary Shares acquired, and held indirectly, through normal payroll contributions to the Enscopl Savings and Retirement Plans for the months of January through August 2010.
- (4) Price of Securities dependent upon trading price applicable on date of future transactions. The average cost/price is representative of all beneficially, indirectly owned securities acquired via normal payroll contributions to the Enscopl Savings and Retirement Plans.

**Reporting Owners**

Reporting Owner Name / Address	Relationships

	Director	10% Owner	Officer	Other
<b>ARMOUR DAVID A 500 N. AKARD STREET SUITE 4300 DALLAS, TX 75201-3331</b>			<b>Vice President</b>	

**Signatures**

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

9/16/2010

\*\* 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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