

**ENSCO PLC**  
Reported by  
**WILEY MICHAEL KENT**

**FORM 3**  
(Initial Statement of Beneficial Ownership)

Filed 07/06/10 for the Period Ending 07/01/10

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 3

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

OMB APPROVAL  
OMB Number: 3235-0104  
Expires: February 28, 2011  
Estimated average burden  
hours per response... 0.5

## INITIAL STATEMENT OF 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

1. Name and Address of Reporting Person *			2. Date of Event Requiring Statement (MM/DD/YYYY)		3. Issuer Name and Ticker or Trading Symbol		
<b>Wiley Michael Kent</b>			<b>7/1/2010</b>		<b>Ensco plc [ESV]</b>		
(Last) (First) (Middle)			4. Relationship of Reporting Person(s) to Issuer (Check all applicable)				
<b>500 N. AKARD STREET, SUITE 4300</b>			<input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) <b>Vice President - HR &amp; Security /</b>				
(Street)			5. 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 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)
<b>American Depositary Shares</b>	<b>39465</b> (1)	<b>D</b>	
<b>American Depositary Shares</b>	<b>249.2355</b>	<b>I</b>	<b>Ensco Retirement Plan</b>

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

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: 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			
<b>Employee Stock Option (Right to Buy)</b>	<b>6/1/2006</b> (2)	<b>6/1/2012</b>	<b>American Depositary Shares</b>	<b>5500</b> (3)	<b>\$33.545</b>	<b>D</b>	
<b>Employee Stock Option (Right to Buy)</b>	<b>6/1/2007</b> (4)	<b>6/1/2013</b>	<b>American Depositary Shares</b>	<b>6000</b> (5)	<b>\$50.28</b>	<b>D</b>	

**Explanation of Responses:**

- (1) Amount includes an Employee Restricted American Depositary Shares Grant of 10,665 shares, which was granted effective July 1, 2010. The Employee American Depositary Shares Grant vest at a rate of 20% per annum on the anniversary date of the grant and is fully vested in five (5) years.
- (2) The Employee Stock Option (Right to Buy) was granted June 1, 2005 and is fully vested.
- (3) The entire original grant amount of 5,500 remains unexercised.
- (4) The Employee Stock Option (Right to Buy) was granted June 1, 2006 and is fully vested.
- (5) The entire original grant amount of 6,000 remains unexercised.

#### Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
<b>Wiley Michael Kent 500 N. AKARD STREET SUITE 4300 DALLAS, TX 75201-3331</b>			<b>Vice President - HR &amp; Security</b>	

#### Signatures

Michael K. Wiley

7/6/2010

\*\* 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 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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.