

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

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).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

<b>1. Name and Address of Reporting Person*</b> <u>Neese Jay B</u>  (Last) (First) (Middle) <u>1050 17TH STREET, SUITE 500</u>  (Street) <u>DENVER CO 80265</u>  (City) (State) (Zip)	<b>2. Issuer Name and Ticker or Trading Symbol</b> <u>QEP RESOURCES, INC. [ QEP ]</u>	<b>5. Relationship of Reporting Person(s) to Issuer</b> (Check all applicable)  Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) <u>Executive Vice President</u>
	<b>3. Date of Earliest Transaction (Month/Day/Year)</b> <u>09/07/2010</u>	
<b>4. If Amendment, Date of Original Filed (Month/Day/Year)</b>		

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

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction 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				
Common Stock									106,093	D	
Common Stock									28,314.6892 <sup>(1)</sup>	I	Employee Investment Plan

**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 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: 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				
Phantom Stock Units	\$31.31	09/07/2010		A		150.3718		(2)	(2)	Phantom Stock Units	150.3718	\$31.31	9,618.1536	D	
Stock Option	\$9.19							08/11/2003	02/11/2013	Common Stock	17,910		17,910	D	
Stock Option	\$23.98							(3)	03/05/2016	Common Stock	30,000		30,000	D	
Stock Option	\$27.55							(4)	03/05/2017	Common Stock	80,000		80,000	D	

**Explanation of Responses:**

- As of September 7, 2010, I have 28,314.6892 equivalent shares of stock in QEP's Employee Investment Plan. The number of equivalent shares will fluctuate as Questar's stock price changes; this fluctuation does not reflect any transactions that should be reported.
- Vested shares of phantom stock units will be payable in cash on the date of, or at a designated anniversary date following, the first to occur of the reporting person's (i) separation from service from QEP (subject to 6-month delay if necessary to comply with IRC 409A), (ii) death or (iii) disability, pursuant to the QEP Resources, Inc. Deferred Compensation Wrap Plan.
- The option vests in three annual installments which began on March 5, 2010.
- The option vests in three annual installments beginning on March 5, 2011, subject to accelerated vesting upon the occurrence of certain events as set forth in the award agreement.

**Remarks:**

Abigail L. Jones, Attorney in Fact 09/09/2010

\*\* 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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