

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

OMB APPROVAL	
OMB Number:	3235-0287
Estimated average burden hours per response:	0.5

1. Name and Address of Reporting Person* <u>WAGES LEROY P</u> (Last) (First) (Middle) 818 SW KANSAS AVENUE (Street) TOPEKA KS 66612 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>WESTAR ENERGY INC /KS [WR]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner <input checked="" type="checkbox"/> Officer (give title below) Other (specify below) VP, Controller
	3. Date of Earliest Transaction (Month/Day/Year) 02/24/2010	
	4. If Amendment, Date of Original Filed (Month/Day/Year)	

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, par value \$5.00	02/24/2010		A ⁽¹⁾		3,625	A	\$0	9,387 ⁽²⁾	D	
Common Stock, par value \$5.00	02/24/2010		A ⁽³⁾		3,625	A	\$0	13,012 ⁽⁴⁾	D	
Common Stock, par value \$5.00	02/24/2010		A ⁽⁵⁾		3,625	A	\$0	16,637 ⁽⁶⁾	D	
Common Stock, par value \$5.00	02/24/2010		A ⁽⁷⁾		2,719	A	\$0	19,356 ⁽⁸⁾	D	
Common Stock, par value \$5.00	02/24/2010		A ⁽⁹⁾		1,813	A	\$0	21,169 ⁽¹⁰⁾	D	
Common Stock, par value \$5.00								41,056	I	Trust ⁽¹¹⁾
Common Stock, par value \$5.00								646	I	Held in 401(k) 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					

Explanation of Responses:

- Grant of restricted share units that will vest on 12/31/2010 if the reporting person remains employed with the issuer through the vesting date. Restricted share units are subject to forfeiture under certain conditions.
- Includes 7,825 restricted share units that are subject to forfeiture.
- Grant of restricted share units that will vest on 12/31/2011 if the reporting person remains employed with the issuer through the vesting date. Restricted share units are subject to forfeiture under certain conditions.
- Includes 11,450 restricted share units that are subject to forfeiture.
- Grant of restricted share units that will vest on 12/31/2012 if the reporting person remains employed with the issuer through the vesting date. Restricted share units are subject to forfeiture under certain conditions.
- Includes 15,075 restricted share units that are subject to forfeiture.
- Grant of performance-based restricted share units that will vest on 12/31/2010 if the reporting person remains employed with the issuer through the vesting date. Restricted share units are subject to forfeiture under certain conditions. Additional shares may be earned based on performance determined at a specified time.
- Includes 17,794 restricted share units and performance-based restricted share units that are subject to forfeiture.
- Grant of performance-based restricted share units that will vest on 12/31/2011 if the reporting person remains employed with the issuer through the vesting date. Restricted share units are subject to forfeiture under certain conditions. Additional shares may be earned based on performance determined at a specified time.
- Includes 19,607 restricted share units and performance-based restricted share units that are subject to forfeiture.
- Trust for which the reporting person serves as a co-trustee with his spouse, and of which his spouse is a beneficiary.

Remarks:

Leroy P. Wages

02/26/2010

** 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.

