RSC Holdings Inc. Form 4 September 17, 2010

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

Form 5 obligations may continue. See Instruction

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(b).

(Last)

(Print or Type Responses)

1. Name and Address of Reporting Person * Atlas Copco finance S.a.r.l

> (First) (Middle)

16 AVENUE PASTEUR

(Street)

2. Issuer Name and Ticker or Trading Symbol

RSC Holdings Inc. [RRR]

3. Date of Earliest Transaction (Month/Day/Year)

09/15/2010

4. If Amendment, Date Original

Filed(Month/Day/Year)

OMB APPROVAL

OMB Number:

3235-0287

Expires:

January 31, 2005

Estimated average burden hours per

response...

0.5

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

_ 10% Owner Director Officer (give title _ Other (specify below)

6. Individual or Joint/Group Filing(Check

Applicable Line)

X Form filed by One Reporting Person 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. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	or (D)	Price	Transaction(s) (Instr. 3 and 4)					
Common Stock	09/15/2010		S	200	D	\$ 7.06	10,429,059	D				
Common Stock	09/15/2010		S	196	D	\$ 7.07	10,428,863	D				
Common Stock	09/15/2010		S	1,000	D	\$ 7.08	10,427,863	D				
Common Stock	09/15/2010		S	600	D	\$ 7.09	10,427,263	D				
Common Stock	09/15/2010		S	1,700	D	\$ 7.1	10,425,563	D				
	09/15/2010		S	900	D	\$ 7.11	10,424,663	D				

Common Stock							
Common Stock	09/15/2010	S	304	D	\$ 7.12	10,424,359	D
Common Stock	09/15/2010	S	200	D	\$ 7.13	10,424,159	D
Common Stock	09/15/2010	S	900	D	\$ 7.14	10,423,259	D
Common Stock	09/15/2010	S	100	D	\$ 7.15	10,423,159	D
Common Stock	09/15/2010	S	100	D	\$ 7.16	10,423,059	D
Common Stock	09/15/2010	S	186	D	\$ 7.17	10,422,873	D
Common Stock	09/15/2010	S	514	D	\$ 7.18	10,422,359	D
Common Stock	09/15/2010	S	800	D	\$ 7.19	10,421,559	D
Common Stock	09/15/2010	S	900	D	\$ 7.2	10,420,659	D
Common Stock	09/15/2010	S	1,000	D	\$ 7.21	10,419,659	D
Common Stock	09/15/2010	S	4,044	D	\$ 7.22	10,415,615	D
Common Stock	09/15/2010	S	600	D	\$ 7.23	10,415,015	D
Common Stock	09/15/2010	S	2,400	D	\$ 7.24	10,412,615	D
Common Stock	09/15/2010	S	11,600	D	\$ 7.25	10,401,015	D
Common Stock	09/15/2010	S	9,546	D	\$ 7.26	10,391,469	D
Common Stock	09/15/2010	S	100	D	\$ 7.265	10,391,369	D
Common Stock	09/15/2010	S	9,800	D	\$ 7.27	10,381,569	D
Common Stock	09/15/2010	S	100	D	\$ 7.275	10,381,469	D
Common Stock	09/15/2010	S	6,754	D	\$ 7.28	10,374,715	D
	09/15/2010	S	5,200	D	\$ 7.29	10,369,515	D

Common Stock							
Common Stock	09/15/2010	S	13,836	D	\$ 7.3	10,355,679	D
Common Stock	09/15/2010	S	14,158	D	\$ 7.31	10,341,521	D
Common Stock	09/15/2010	S	16,462	D	\$ 7.32	10,325,059	D
Common Stock	09/15/2010	S	1,200	D	\$ 7.325	10,323,859	D

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

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)	4. Transacti Code (Instr. 8)	Securities Acquired (A) or Disposed of (D) (Instr. 3,	:	ate	7. Titl Amou Under Securi (Instr.	nt of lying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Own Follo Repo Trans (Instr
			Code V	4, and 5) (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
reporting Owner Hume / Hudress	Director	10% Owner	Officer	Other			
Atlas Copco finance S.a.r.l 16 AVENUE PASTEUR L-2310, N4 None		X					

Signatures

/s/ Mark Cohen, Manager, for Atlas Copco Finance S.a.r.l. 09/17/2010

Reporting Owners 3

**Signature of Reporting Person

Date

Explanation of Responses:

- * 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).

Remarks:

Transactions not necessarily reported in order of execution on 9/15/2010

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.

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