RSC Holdings Inc. Form 4 September 15, 2010

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

Check this box if no longer subject to

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

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Section 16. Form 4 or 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).

(Print or Type Responses)

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

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First)

(Middle)

RSC Holdings Inc. [RRR] 3. Date of Earliest Transaction

Director

_X__ 10% Owner Other (specify

16 AVENUE PASTEUR

(Month/Day/Year) 09/13/2010

Officer (give title below)

(Street) 4. If Amendment, Date Original Filed(Month/Day/Year)

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

L-2310, N4 None

(City)	(State)	(Zip) Tab	le I - Non-l	Derivative	Secur	ities Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securit for Dispos (Instr. 3,	ed of (` ′	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)
Common Stock	09/13/2010		S	700	D	\$ 7.23	10,613,559	D	
Common Stock	09/13/2010		S	6,700	D	\$ 7.24	10,606,859	D	
Common Stock	09/13/2010		S	1,300	D	\$ 7.2425	10,605,559	D	
Common Stock	09/13/2010		S	1,100	D	\$ 7.245	10,604,459	D	
Common Stock	09/13/2010		S	13,144	D	\$ 7.25	10,591,315	D	
	09/13/2010		S	3,900	D		10,587,415	D	

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a					Φ.		
Common Stock					\$ 7.2525		
Common Stock	09/13/2010	S	684	D	\$ 7.255	10,586,731	D
Common Stock	09/13/2010	S	3,500	D	\$ 7.26	10,583,231	D
Common Stock	09/13/2010	S	1,600	D	\$ 7.27	10,581,631	D
Common Stock	09/13/2010	S	900	D	\$ 7.28	10,580,731	D
Common Stock	09/13/2010	S	200	D	\$ 7.3	10,580,531	D
Common Stock	09/13/2010	S	400	D	\$ 7.31	10,580,131	D
Common Stock	09/13/2010	S	600	D	\$ 7.315	10,579,531	D
Common Stock	09/13/2010	S	2,498	D	\$ 7.32	10,577,033	D
Common Stock	09/13/2010	S	1,700	D	\$ 7.33	10,575,333	D
Common Stock	09/13/2010	S	3,600	D	\$ 7.34	10,571,733	D
Common Stock	09/13/2010	S	2,600	D	\$ 7.35	10,569,133	D
Common Stock	09/13/2010	S	3,650	D	\$ 7.36	10,565,483	D
Common Stock	09/13/2010	S	111	D	\$ 7.365	10,565,372	D
Common Stock	09/13/2010	S	5,501	D	\$ 7.37	10,559,871	D
Common Stock	09/13/2010	S	600	D	\$ 7.375	10,559,271	D
Common Stock	09/13/2010	S	10,763	D	\$ 7.38	10,548,508	D
Common Stock	09/13/2010	S	13,200	D	\$ 7.39	10,535,308	D
Common Stock	09/13/2010	S	13,349	D	\$ 7.4	10,521,959	D
Common Stock	09/13/2010	S	100	D	\$ 7.405	10,521,859	D
	09/13/2010	S	6,900	D	\$ 7.41	10,514,959	D

Common	
Stock	

Common Stock	09/13/2010	S	600	D	\$ 7.42	10,514,359	D
Common Stock	09/13/2010	S	100	D	\$ 7.43	10,514,259	D

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

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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. Transact Code (Instr. 8)	5. iofNumber of Derivativ Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	:	ate	7. Title Amour Underl Securit (Instr.	nt of ying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secun Bene Owne Follo Repo Trans (Instr
				Code V	/ (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

Reporting Owners

Reporting Owner Name / Address	Relationships						
	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 09/15/2010 S.a.r.l. **Signature of Reporting Person Date

3 Reporting Owners

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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 09/13/2010

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.