

Allis Chalmers Energy Inc.  
Form SC 13G  
February 05, 2007

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

## **SCHEDULE 13G**

**Under the Securities Exchange Act of 1934**

(Amendment No. \_\_\_\_\_)\*

**Allis-Chalmers Energy Inc. (the Issuer )**  
(Name of Issuer)

**Common Stock, par value \$0.01 per share ( Common Shares )**  
(Title of Class of Securities)

**019645506**  
(CUSIP Number)

**January 24, 2007**  
(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

Rule 13d-1(b)

Rule 13d-1(c)

Rule 13d-1(d)

\*The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page. The information required in the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).



- 1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
**Carlos Slim Helú**
- 2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)
- 3** SEC USE ONLY
- 4** CITIZENSHIP OR PLACE OF ORGANIZATION  
**México**
- |              |          |  |
|--------------|----------|--|
| NUMBER OF    | <b>5</b> | SOLE VOTING POWER                              |
| SHARES       | <b>6</b> | SHARED VOTING POWER                            |
| BENEFICIALLY |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| OWNED BY     | <b>7</b> | SOLE DISPOSITIVE POWER                         |
| EACH         | <b>8</b> | SHARED DISPOSITIVE POWER                       |
| REPORTING    |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| PERSON WITH  |          |  |
- 9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
**2,500,000 Common Shares (see Item 4(a))**
- 10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
 CERTAIN SHARES
- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
**7.3% (see Item 4(b))**
- 12** TYPE OF REPORTING PERSON\*  
 IN
- \*SEE INSTRUCTIONS BEFORE FILLING OUT!**

- 1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
**Carlos Slim Domit**
- 2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)
- 3** SEC USE ONLY
- 4** CITIZENSHIP OR PLACE OF ORGANIZATION  
**México**
- |              |          |  |
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| NUMBER OF    | <b>5</b> | SOLE VOTING POWER                              |
| SHARES       | <b>6</b> | SHARED VOTING POWER                            |
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| REPORTING    |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| PERSON WITH  |          |  |
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**2,500,000 Common Shares (see Item 4(a))**
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- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
**7.3% (see Item 4(b))**
- 12** TYPE OF REPORTING PERSON\*  
 IN
- \*SEE INSTRUCTIONS BEFORE FILLING OUT!**

- 1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
**Marco Antonio Slim Domit**
- 2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)
- 3** SEC USE ONLY
- 4** CITIZENSHIP OR PLACE OF ORGANIZATION  
**México**
- |              |          |  |
|--------------|----------|--|
| NUMBER OF    | <b>5</b> | SOLE VOTING POWER                              |
| SHARES       | <b>6</b> | SHARED VOTING POWER                            |
| BENEFICIALLY |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| OWNED BY     | <b>7</b> | SOLE DISPOSITIVE POWER                         |
| EACH         | <b>8</b> | SHARED DISPOSITIVE POWER                       |
| REPORTING    |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| PERSON WITH  |          |  |
- 9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
**2,500,000 Common Shares (see Item 4(a))**
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 CERTAIN SHARES
- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
**7.3 % (see Item 4(b))**
- 12** TYPE OF REPORTING PERSON\*  
 IN
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**1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

**Patrick Slim Domit**

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)

(b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**México**

NUMBER OF	<b>5</b>	SOLE VOTING POWER
SHARES	<b>6</b>	SHARED VOTING POWER
BENEFICIALLY		<b>2,500,000 Common Shares (see Item 4(c))</b>
OWNED BY	<b>7</b>	SOLE DISPOSITIVE POWER
EACH	<b>8</b>	SHARED DISPOSITIVE POWER
REPORTING		<b>2,500,000 Common Shares (see Item 4(c))</b>
PERSON WITH		

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
**2,500,000 Common Shares (see Item 4(a))**

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
 CERTAIN SHARES

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
**7.3% (see Item 4(b))**

**12** TYPE OF REPORTING PERSON\*  
 IN

**\*SEE INSTRUCTIONS BEFORE FILLING OUT!**

**1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

**María Soumaya Slim Domit**

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)

(b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**México**

NUMBER OF	<b>5</b>	SOLE VOTING POWER
SHARES	<b>6</b>	SHARED VOTING POWER
BENEFICIALLY		<b>2,500,000 Common Shares (see Item 4(c))</b>
OWNED BY	<b>7</b>	SOLE DISPOSITIVE POWER
EACH	<b>8</b>	SHARED DISPOSITIVE POWER
REPORTING		<b>2,500,000 Common Shares (see Item 4(c))</b>
PERSON WITH		

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
**2,500,000 Common Shares (see Item 4(a))**

**10** CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES  
 CERTAIN SHARES

**11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
**7.3% (see Item 4(b))**

**12** TYPE OF REPORTING PERSON\*  
 IN

**\*SEE INSTRUCTIONS BEFORE FILLING OUT!**

- 1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
**Vanessa Paola Slim Domit**
- 2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)
- 3** SEC USE ONLY
- 4** CITIZENSHIP OR PLACE OF ORGANIZATION  
**México**
- |              |          |  |
|--------------|----------|--|
| NUMBER OF    | <b>5</b> | SOLE VOTING POWER                              |
| SHARES       | <b>6</b> | SHARED VOTING POWER                            |
| BENEFICIALLY |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| OWNED BY     | <b>7</b> | SOLE DISPOSITIVE POWER                         |
| EACH         | <b>8</b> | SHARED DISPOSITIVE POWER                       |
| REPORTING    |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| PERSON WITH  |          |  |
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 CERTAIN SHARES
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**7.3% (see Item 4(b))**
- 12** TYPE OF REPORTING PERSON\*  
 IN

**\*SEE INSTRUCTIONS BEFORE FILLING OUT!**



**1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)

**Johanna Monique Slim Domit**

**2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)

(b)

**3** SEC USE ONLY

**4** CITIZENSHIP OR PLACE OF ORGANIZATION

**México**

NUMBER OF	<b>5</b>	SOLE VOTING POWER
SHARES	<b>6</b>	SHARED VOTING POWER
BENEFICIALLY		<b>2,500,000 Common Shares (see Item 4(c))</b>
OWNED BY	<b>7</b>	SOLE DISPOSITIVE POWER
EACH	<b>8</b>	SHARED DISPOSITIVE POWER
REPORTING		<b>2,500,000 Common Shares (see Item 4(c))</b>
PERSON WITH		

**9** AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON  
**2,500,000 Common Shares (see Item 4(a))**

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 CERTAIN SHARES

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**7.3% (see Item 4(b))**

**12** TYPE OF REPORTING PERSON\*  
 IN

**\*SEE INSTRUCTIONS BEFORE FILLING OUT!**

- 1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
**Grupo Carso, S.A.B. de C.V.**
- 2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)
- 3** SEC USE ONLY
- 4** CITIZENSHIP OR PLACE OF ORGANIZATION  
**México**
- |              |          |  |
|--------------|----------|--|
| NUMBER OF    | <b>5</b> | SOLE VOTING POWER                              |
| SHARES       | <b>6</b> | SHARED VOTING POWER                            |
| BENEFICIALLY |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| OWNED BY     | <b>7</b> | SOLE DISPOSITIVE POWER                         |
| EACH         | <b>8</b> | SHARED DISPOSITIVE POWER                       |
| REPORTING    |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
| PERSON WITH  |          |  |
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**7.3% (see Item 4(b))**
- 12** TYPE OF REPORTING PERSON\*  
**HC**
- \*SEE INSTRUCTIONS BEFORE FILLING OUT!**

- 1** NAMES OF REPORTING PERSONS  
 I.R.S. IDENTIFICATION NO. OF ABOVE PERSON (ENTITIES ONLY)  
**Carso Infraestructura y Construcción, S.A.B. de C.V.**
- 2** CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP\* (a)   
 (b)
- 3** SEC USE ONLY
- 4** CITIZENSHIP OR PLACE OF ORGANIZATION  
**México**
- |              |          |  |
|--------------|----------|--|
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| SHARES       | <b>6</b> | SHARED VOTING POWER                            |
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| EACH         | <b>8</b> | SHARED DISPOSITIVE POWER                       |
| REPORTING    |          | <b>2,500,000 Common Shares (see Item 4(c))</b> |
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- 11** PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9  
**7.3% (see Item 4(b))**
- 12** TYPE OF REPORTING PERSON\*  
**CO**
- \*SEE INSTRUCTIONS BEFORE FILLING OUT!**

**Item 1.**(a) **Name of Issuer:**Allis-Chalmers Energy Inc. (the Issuer )(b) **Address of Issuer's Principal Executive Offices:**

5075 Westheimer, Suite 890

Houston, Texas 77056

**Item 2.**(a) **Name of Persons Filing:**

This statement is filed pursuant to Rule 13d-1(c) under the Securities Exchange Act of 1934, as amended (the Act ), by the persons listed below (the Reporting Persons ).

(1)

Carlos Slim Helú, Carlos Slim Domit, Marco Antonio Slim Domit, Patrick Slim Domit, María Soumaya Slim Domit, Vanessa Paola Slim Domit and Johanna Monique Slim Domit (collectively, the Slim Family ), each of whom is a Mexican citizen, beneficially own, directly and indirectly, a majority of the outstanding voting equity securities of Grupo Carso, S.A.B. de C.V. (Carso ).

(2)

Carso, a *sociedad anónima bursátil de capital variable* organized under the laws of the United Mexican States, is a company with portfolio investments in various companies. Carso owns a majority of all of the outstanding voting securities of Carso Infraestructura y Construcción, S.A.B. de C.V. (Carso Infraestructura ).

(3)

Carso Infraestructura, a *sociedad anónima bursátil de capital variable* organized under the laws of the United Mexican States, offers engineering and construction services in Mexico. Carso Infraestructura operates in four sectors, including manufacturing and services for the oil industry, infrastructure projects, civil construction and telecommunications projects.



(b) **Address of Principal Business Office:**

(i) The principal business address for each member of the Slim Family is:

Paseo de las Palmas 736  
Colonia Lomas de Chapultepec  
11000 México, D.F., México

(ii) The principal business address for Carso is:

Miguel de Cervantes Saveedra #255

Col. Granada CP  
11520 México, D.F., México

(iii) The principal business address for Carso Infraestructura is:

Miguel de Cervantes Saveedra #255

Col. Granada CP  
11520 México, D.F., México

(c) **Citizenship:**

Each member of the Slim Family is a Mexican citizen. Carso and Carso Infraestructura are *sociedades anónimas bursátiles de capital variable* organized under the laws of Mexico.

(d) **Title of Class of Securities:**

Common Stock, par value \$0.01 per share ( Common Shares )

(e) **CUSIP Number:**

019645506

**Item 3. If this statement is filed pursuant to Rule 13d-1(b), or 13d-2(b) or (c), check whether the person filing is a(n):**

- (a) Broker or dealer registered under Section 15 of the Act;
- (b) Bank as defined in Section 3(a)(6) of the Act;
- (c) Insurance company as defined in Section 3(a)(19) of the Act;
- (d) Investment company registered under Section 8 of the Investment Company Act;
- (e) Investment adviser in accordance with Rule 13d-1(b)(1)(ii)(E);

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- (f) Employee benefit plan or endowment fund in accordance with Rule 13d-1(b)(1)(ii)(F);
- (g) Parent holding company or control person in accordance with Rule 13d-1(b)(1)(ii)(G);
- (h) Savings association as defined in Section 3(b) of the Federal Deposit Insurance Act;

(i) Church plan that is excluded from the definition of an investment company under Section 3(c)(14) of the Investment Company Act; or

(j) Group, in accordance with Rule 13d-1(b)(1)(ii)(J).

**Item 4. Ownership.**

(a) **Amount Beneficially Owned:**

As of the date of this filing, Carso Infraestructura directly owns 2,500,000 Common Shares. By virtue of the relationships described in Item 2 of this Statement, each of the Slim Family and Carso may be deemed to beneficially own indirectly the Common Shares owned directly by Carso Infraestructura.

(b) **Percent of Class:**

The Common Shares beneficially owned by the Reporting Persons constitute approximately 7.3% of the 34,233,411 issued and outstanding Common Shares, as reported in the Supplemental Prospectus filed by the Issuer with the Securities and Exchange Commission on January 25, 2007.

(c) **Number of shares as to which such person has:**

(i) **Sole power to vote or to direct the vote:** -0-

(ii) **Shared power to vote or to direct the vote:** 2,500,000 Common Shares

(iii) **Sole power to dispose or to direct the disposition of:** -0-

(iv) **Shared power to dispose or direct the disposition of:** 2,500,000 Common Shares

**Item 5. Ownership of Five Percent or Less of a Class.**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than five percent of the class of securities, check the following:

**Item 6. Ownership of More than Five Percent on Behalf of Another Person.**

Not applicable.

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company.**

Not applicable.

**Item 8. Identification and Classification of Members of the Group.**

Not applicable.

**Item 9. Notice of Dissolution of Group.**

Not applicable.



**Item 10. Certifications.**

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

**SIGNATURE**

After reasonable inquiry and to the best of my knowledge and belief I certify that the information set forth in this statement is true, complete and correct.

\_\_\_\_\_  
Carlos Slim Helú

\_\_\_\_\_  
Carlos Slim Domit

\_\_\_\_\_  
Marco Antonio Slim Domit

\_\_\_\_\_  
Patrick Slim Domit

\_\_\_\_\_  
María Soumaya Slim Domit

\_\_\_\_\_  
Vanessa Paola Slim Domit

\_\_\_\_\_  
Johanna Monique Slim Domit

GRUPO CARSO, S.A.B. DE C.V.

\_\_\_\_\_  
By: José Humberto Gutiérrez Olvera Zubizaretta  
Title: Attorney-in-Fact

CARSO INFRAESTRUCTURA Y CONSTRUCCIÓN, S.A.B. DE C.V.

\_\_\_\_\_  
By: Quintín Humberto Botas Hernández  
Title: Attorney-in-Fact

\_\_\_\_\_  
By: Alejandro Archundia Becerra  
Title: Attorney-in-Fact

By: /s/ Eduardo Valdés Acra  
Eduardo Valdés Acra

*Attorney-in-Fact*

February 5, 2007



**POWER OF ATTORNEY**

The undersigned hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for him and in his name, place and stead and on his behalf, in any and all capacities, to sign any Form 3, 4 or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing ), relating to his beneficial ownership (direct or indirect) of any securities he may be deemed to beneficially own, and to file on his behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

March 19, 2004

/s/ Carlos Slim Helú  
Carlos Slim Helú

**POWER OF ATTORNEY**

The undersigned hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for him and in his name, place and stead and on his behalf, in any and all capacities, to sign any Form 3, 4 or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing ), relating to his beneficial ownership (direct or indirect) of any securities he may be deemed to beneficially own, and to file on his behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

March 19, 2004

/s/ Carlos Slim Domit  
Carlos Slim Domit

**POWER OF ATTORNEY**

The undersigned hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for him and in his name, place and stead and on his behalf, in any and all capacities, to sign any Form 3, 4 or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing ), relating to his beneficial ownership (direct or indirect) of any securities he may be deemed to beneficially own, and to file on his behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

March 19, 2004

/s/ Marco Antonio Slim Domit  
Marco Antonio Slim Domit

**POWER OF ATTORNEY**

The undersigned hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as his true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for him and in his name, place and stead and on his behalf, in any and all capacities, to sign any Form 3, 4 or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing ), relating to his beneficial ownership (direct or indirect) of any securities he may be deemed to beneficially own, and to file on his behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as he might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

March 19, 2004

/s/ Patrick Slim Domit  
Patrick Slim Domit

**POWER OF ATTORNEY**

The undersigned hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as her true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for her and in her name, place and stead and on her behalf, in any and all capacities, to sign any Form 3, 4 or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing ), relating to her beneficial ownership (direct or indirect) of any securities she may be deemed to beneficially own, and to file on her behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

March 19, 2004

/s/ María Soumaya Slim Domit  
María Soumaya Slim Domit



**POWER OF ATTORNEY**

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March 19, 2004

/s/ Vanessa Paola Slim Domit  
Vanessa Paola Slim Domit

**POWER OF ATTORNEY**

The undersigned hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as her true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for her and in her name, place and stead and on her behalf, in any and all capacities, to sign any Form 3, 4 or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing ), relating to her beneficial ownership (direct or indirect) of any securities she may be deemed to beneficially own, and to file on her behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as she might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

March 19, 2004

/s/ Johanna Monique Slim Domit  
Johanna Monique Slim Domit

**POWER OF ATTORNEY**

The undersigned, a duly authorized attorney-in-fact of Grupo Carso, S.A. de C.V. (the Company), hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as the Company's true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for the Company and in the Company's name, place and stead and on the Company's behalf, in any and all capacities, to sign any Form 3, 4, or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing), relating to the Company's beneficial ownership (direct or indirect) of any securities it may be deemed to beneficially own, and to file on the Company's behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents, full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as the Company might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2008.

February 9, 2004

GRUPO CARSO, S.A. de C.V.

/s/ José Humberto Gutiérrez

Olvera Zubizaretta

By: José Humberto Gutiérrez

Olvera Zubizaretta

Title: *Attorney-in-Fact*

**POWER OF ATTORNEY**

The undersigned, a duly authorized attorney-in-fact of Carso Infraestructura y Construcción, S.A.B. de C.V. (the Company), hereby constitutes and appoints Eduardo Valdés Acra and Rafael Robles Miaja, and each of them singly, as the Company's true and lawful attorney-in-fact and agent, with full power of substitution and resubstitution, to act for the Company and in the Company's name, place and stead and on the Company's behalf, in any and all capacities, to sign any Form 3, 4, or 5 or Schedule 13D or 13G, and any and all amendments thereto and any other document relating thereto (including any joint filing agreement) (each a Filing), relating to the Company's beneficial ownership (direct or indirect) of any securities it may be deemed to beneficially own, and to file on the Company's behalf any such Filings required to be filed pursuant to the United States Securities Exchange Act of 1934, as amended, with the United States Securities and Exchange Commission, hereby granting unto said attorneys-in-fact and agents, full power and authority to do and perform any and all acts and things requisite as fully to all intents and purposes as the Company might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents may lawfully do or cause to be done by virtue hereof, and this power of attorney shall be irrevocable until December 31, 2012.

February 01, 2007

CARSO INFRAESTRUCTURA Y CONSTRUCCIÓN, S.A.B.  
DE C.V.

/s/ Quintín Humberto Botas Hernández  
By: Quintín Humberto Botas Hernández  
Title: Attorney-in-Fact

/s/ Alejandro Archundia Becerra  
By: Alejandro Archundia Becerra  
Title: Attorney-in-Fact

**JOINT FILING AGREEMENT**

THIS JOINT FILING AGREEMENT (this Agreement ) is made and entered into as of this 5<sup>th</sup> day of February 2007, by and among Carlos Slim Helú, Carlos Slim Domit, Marco Antonio Slim Domit, Patrick Slim Domit, María Soumaya Slim Domit, Vanessa Paola Slim Domit, Johanna Monique Slim Domit, Grupo Carso, S.A.B. de C.V. and Carso Infraestructura y Construcción, S.A.B. de C.V.

The parties to this Agreement hereby agree to prepare jointly and file timely (and otherwise to deliver as appropriate) all filings on any Form 3, 4 or 5 or Schedule 13D or 13G relating to their ownership (direct or otherwise) of any securities of Allis-Chalmers Energy, Inc. a corporation organized under the laws of the Delaware, and any and all amendments thereto and any other document relating thereto (collectively, the Filings ) required to be filed by them pursuant to the Securities Exchange Act of 1934, as amended. Each party to this Agreement further agrees and covenants to the other parties that it will fully cooperate with such other parties in the preparation and timely filing (and other delivery) of all such Filings.

IN WITNESS WHEREOF, the parties hereto have executed this Agreement as of the date first set forth above.

\_\_\_\_\_  
Carlos Slim Helú

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Carlos Slim Domit

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Marco Antonio Slim Domit

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Patrick Slim Domit

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María Soumaya Slim Domit

\_\_\_\_\_  
Vanessa Paola Slim Domit

\_\_\_\_\_  
Johanna Monique Slim Domit

GRUPO CARSO, S.A.B. DE C.V.

\_\_\_\_\_  
By: José Humberto Gutiérrez Olvera Zubizaretta  
Title: Attorney-in-Fact

CARSO INFRAESTRUCTURA Y CONSTRUCCIÓN, S.A.B. DE C.V.

\_\_\_\_\_  
By: Quintín Humberto Botas Hernández  
Title: Attorney-in-Fact

\_\_\_\_\_  
By: Alejandro Archundia Becerra  
Title: Attorney-in-Fact

By: /s/ Eduardo Valdés Acra  
Eduardo Valdés Acra

*Attorney-in-Fact*

February 05, 2007

