

GASTAR EXPLORATION INC.

Reported by
ROBERTS STEPHEN PHILLIP

FORM 3

(Initial Statement of Beneficial Ownership)

Filed 06/13/17 for the Period Ending 06/12/17

Address	1331 LAMAR STREET SUITE 650 HOUSTON, TX 77010
Telephone	7137391800
CIK	0001431372
Symbol	GST
SIC Code	1311 - Crude Petroleum and Natural Gas
Industry	Oil & Gas Exploration and Production
Sector	Energy
Fiscal Year	12/31

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

1. Name and Address of Reporting Person * Roberts Stephen Phillip (Last) (First) (Middle) 1331 LAMAR, SUITE 650 (Street) HOUSTON, TX 77010 (City) (State) (Zip)	2. Date of Event Requiring Statement (MM/DD/YYYY) 6/12/2017	3. Issuer Name and Ticker or Trading Symbol Gastar Exploration Inc. [GST]
4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input type="checkbox"/> 10% Owner <input checked="" type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below) Senior VP & COO /		6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person <input type="checkbox"/> Form filed by More than One Reporting Person
5. If Amendment, Date Original Filed (MM/DD/YYYY)		

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
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Table II - Derivative Securities Beneficially Owned (e.g. , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 4)	2. Date Exercisable and Expiration Date (MM/DD/YYYY)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Explanation of Responses:

No securities are beneficially owned.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Roberts Stephen Phillip 1331 LAMAR, SUITE 650 HOUSTON, TX 77010			Senior VP & COO	

Signatures

/s/ Stephen P. Roberts, by Michael A. Gerlich as Attorney in Fact

6/13/2017

**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 5(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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

POWER OF ATTORNEY

FOR EXECUTING FORM ID, FORMS 3, FORMS 4 AND FORMS 5,
FORM 144 AND SCHEDULE 13D AND SCHEDULE 13G

The undersigned hereby constitutes and appoints Michael A. Gerlich and J.
Russell Porter, or

either of them acting without the other, with full power of substitution, as the
undersigned's true

and lawful attorney-in-fact to:

(1) Execute for and on behalf of the undersigned a Form ID (including amendments

thereto), or any other forms prescribed by the Securities and Exchange
Commission, that may be necessary to obtain codes and passwords enabling the
undersigned to make electronic filings with the Securities and Exchange
Commission of the forms referenced in clause (2) below;

(2) Execute for and on behalf of the undersigned any (a) Form 3, Form 4 and Form
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(including amendments thereto) in accordance with Section 16(a) of the
Securities

Exchange Act of 1934, as amended (the Exchange Act), (b) Form 144

(including amendments thereto) and (c) Schedule 13D and Schedule 13G

(including amendments thereto) in accordance with Sections 13(d) and 13(g) of
the Exchange Act, but only to the extent each form or schedule relates to the
undersigned's beneficial ownership of securities of Gastar Exploration Inc. or
any

of its subsidiaries;

(3) Do and perform any and all acts for and on behalf of the undersigned that
may be

necessary or desirable to complete and execute any Form ID, Form 3, Form 4,
Form 5, Form 144, Schedule 13D or Schedule 13G (including amendments

thereto) and timely file the forms or schedules with the Securities and Exchange

Commission and any stock exchange or quotation system, self-regulatory
association or any other authority, and provide a copy as required by law or
advisable to such persons as the attorney-in-fact deems appropriate; and

(4) Take any other action in connection with the foregoing that, in the opinion
of the

attorney-in-fact, may be of benefit to, in the best interest of or legally
required of

the undersigned, it being understood that the documents executed by the
attorney-

in-fact on behalf of the undersigned pursuant to this Power of Attorney shall be
in

the form and shall contain the terms and conditions as the attorney-in-fact may
approve in the attorney-in-fact's discretion.

The undersigned hereby grants to the attorney-in-fact full power and authority
to do and perform

all and every act requisite, necessary or proper to be done in the exercise of
any of the rights and

powers granted herein, as fully to all intents and purposes as the undersigned
might or could do if

personally present, with full power of substitution or revocation, hereby
ratifying and confirming

all that the attorney-in-fact shall lawfully do or cause to be done by virtue of
this Power of

Attorney and the rights and powers granted herein. The undersigned acknowledges
that the

attorney-in-fact, in serving in such capacity at the request of the undersigned,
are not assuming

(nor is Gastar Exploration Inc. assuming) any of the undersigned's
responsibilities to comply

with Section 16 of the Exchange Act.

The undersigned agrees that the attorney-in-fact may rely entirely on
information furnished

orally or in writing by or at the direction of the undersigned to the
attorney-in-fact. The

undersigned also agrees to indemnify and hold harmless Gastar Exploration Inc.
and the

attorney-in-fact against any losses, claims, damages or liabilities (or actions
in these respects)

that arise out of or are based upon any untrue statements or omissions of
necessary facts in the

information provided by or at the direction of the undersigned, or upon the lack
of timeliness in

the delivery of information by or at the direction of the undersigned, to the

attorney-in fact for purposes of executing, acknowledging, delivering or filing a Form ID, Form 3, Form 4, Form 5, Form 144, Schedule 13D or Schedule 13G (including amendments thereto) and agrees to reimburse Gastar Exploration Inc. and the attorney-in-fact on demand for any legal or other expenses reasonably incurred in connection with investigating or defending against any such loss, claim, damage, liability or action. This Power of Attorney shall remain in full force and effect until the undersigned is no longer required to file Form ID, Form 3, Form 4, Form 5, Form 144, Schedule 13D and Schedule 13G (including amendments thereto) with respect to the undersigned's holdings of and transactions in securities issued by Gastar Exploration Inc., unless earlier revoked by the undersigned in a signed writing delivered to the attorney-in-fact. This Power of Attorney does not revoke any other power of attorney that the undersigned has previously granted. IN WITNESS WHEREOF, the undersigned has caused this Power of Attorney to be executed as of the date written below.

/s/ Stephen P. Roberts
Signature

Stephen P. Roberts
Type or Print Name

June 13, 2017
Date