Gastar Exploration Inc.

Form 4

January 19, 2016

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

Expires:

January 31, 2005

0.5

OMB APPROVAL

response...

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Check this box

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 * GLOBAL UNDERVALUED SECURITIES MASTER FUND LP

> (First) (Last)

(Middle)

2. Issuer Name and Ticker or Trading Symbol

Gastar Exploration Inc. [GST]

3. Date of Earliest Transaction

(Month/Day/Year)

01/14/2016

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

301 COMMERCE STREET, SUITE

(Street)

1900

Officer (give title below)

Director

_X__ 10% Owner _X_ Other (specify below)

Member of a 13(d) 10% Group 6. Individual or Joint/Group Filing(Check

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

Applicable Line) Form filed by One Reporting Person X_ Form filed by More than One Reporting

Person

FORT WORTH, TX 76102

| (City) | (State) | (Zip) Tab | le I - Non- | Derivative S | Securit | ies Acquir | ed, 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. 4. Securities Acquired (A) Transaction Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8) | |)) | Beneficially Form: Owned Direct (I | Ownership Form: Direct (D) | Beneficial Ownership | |
| | | | Code V | Amount | (A) or (D) | Price | Following Reported Transaction(s) (Instr. 3 and 4) | or Indirect (I) (Instr. 4) | (Instr. 4) |
| Common Stock | 01/14/2016 | | P | 500,000 | A | \$ 1.2056 | 10,149,519 (1) (2) (3) | D | |

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

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| 1. Title of | 2. | 3. Transaction Date | 3A. Deemed | 4. | 5. | 6. Date Exer | cisable and | 7. Title | and | 8. Price of | 9. Nu |
|-------------|-------------|---------------------|--------------------|-------------|-------------|------------------|-------------|----------|----------|-------------|--------|
| Derivative | Conversion | (Month/Day/Year) | Execution Date, if | Transaction | orNumber | Expiration D | ate | Amour | nt of | Derivative | Deriv |
| Security | or Exercise | | any | Code | of | (Month/Day/ | Year) | Underl | ying | Security | Secui |
| (Instr. 3) | Price of | | (Month/Day/Year) | (Instr. 8) | Derivative | e | | Securit | ies | (Instr. 5) | Bene |
| | Derivative | | | | Securities | | | (Instr. | 3 and 4) | | Own |
| | Security | | | | Acquired | | | | | | Follo |
| | · | | | | (A) or | | | | | | Repo |
| | | | | | Disposed | | | | | | Trans |
| | | | | | of (D) | | | | | | (Instr |
| | | | | | (Instr. 3, | | | | | | |
| | | | | | 4, and 5) | | | | | | |
| | | | | | | | | | A | | |
| | | | | | | | | | Amount | | |
| | | | | | | Date | Expiration | | or | | |
| | | | | | | Exercisable Date | - | | Number | | |
| | | | | ~ | | | | | of | | |
| | | | | Code V | (A) (D) | | | | Shares | | |

Reporting Owners

| Reporting Owner Name / Address | | Relationships | | | | | |
|--|--|---------------|---------|--------------------------------|--|--|--|
| | | 10% Owner | Officer | Other | | | |
| GLOBAL UNDERVALUED SECURITIES MASTER FUND LP 301 COMMERCE STREET, SUITE 1900 FORT WORTH, TX 76102 | | X | | Member of a 13(d) 10% Group | | | |
| KLEINHEINZ CAPITAL PARTNERS, INC. 301 COMMERCE STREET, SUITE 1900 FORT WORTH, TX 76102 | | | | Member of a 13(d) 10% Group | | | |
| KLEINHEINZ JOHN B 301 COMMERCE STREET, SUITE 1900 FORT WORTH, TX 76102 | | | | Member of a 13(d) 10% Group | | | |

Signatures

See Exhibit 99.1 01/19/2016

**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).
- (1) Represents shares of common stock, par value \$0.001 (the "Common Stock"), of Gastar Exploration Inc. (the "Issuer") directly beneficially owned by Global Undervalued Securities Master Fund, L.P. (the "Master Fund").

As general partner of the Master Fund, Kleinheinz Capital Partners, Inc. ("Kleinheinz Inc.") may be deemed to beneficially own the shares of Common Stock directly beneficially owned by the Master Fund. As sole owner of the Master Fund and Kleinheinz Inc., John B.

- Kleinheinz ("Mr. Kleinheinz") may be deemed to beneficially own the shares of Common Stock directly beneficially owned by the Master Fund. In addition, each reporting person may be deemed to beneficially own more than 10% of the Common Stock under Rule 16a-1(a)(1) under the Securities Exchange Act of 1934, as amended (the "Exchange Act") as a result of being deemed a member of a group under Sections 13(d)(3) and 13(d)(5) of the Exchange Act. (Continued in Footnote 3.)
- (3) Kleinheinz Inc. and Mr. Kleinheinz disclaim beneficial ownership of all of the Common Stock described herein, except to the extent of any pecuniary interest therein.

Reporting Owners 2

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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.