Gastar Exploration Inc.

Form 4

December 02, 2014

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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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 * McCown Michael			2. Issuer Name and Ticker or Trading Symbol Gastar Exploration Inc. [GST]	5. Relationship of Reporting Person(s) to Issuer			
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
			(Month/Day/Year)	Director 10% Owner			
1331 LAMAR ST, SUITE 650 (Street)			08/05/2014	X Officer (give title Other (specify below)			
				Senior VP & COO			
			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
			Filed(Month/Day/Year)	Applicable Line)			
HOUSTON, TX 77010				_X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

HOUSTON, 1X //010				Person							
(City)	(State)	(Zi	p) Table	I - Non-De	rivative Securities Acqui	ired, Disposed of	, or Beneficial	ly Owned			
1.Title of	2. Transactio	on Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6.	7. Nature o			
Security	(Month/Day	/Year)	Execution Date, if	Transacti	or(A) or Disposed of (D)	Securities	Ownership	Indirect			
(Instr. 3)			any	Code	(Instr. 3, 4 and 5)	Beneficially	Form:	Beneficial			
			(Month/Day/Year)	(Instr. 8)		Owned	Direct (D)	Ownership			
						Following	or Indirect	(Instr. 4)			
						Reported	(I)				

(Ilisti. 3)		(Month/Day/Year)	(Instr. 8)	(msu. 3,	+ and	3)	Owned Following	Direct (I
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(I) (Instr. 4
10.75% Series B Cumulative Preferred Securities	12/02/2014		P	1,300	A	\$ 22.76	1,535	D
Common Stock	08/05/2014		F(1)	2,423	D	\$ 6.65	376,541 <u>(2)</u>	D
Common Stock	12/02/2014		P	3,500	A	\$ 2.85	380,041 (2)	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		3. Transaction Date		4.	5.	6. Date Exerc			le and	8. Price of	9. Nu
Derivative Security (Instr. 3)	Conversion or Exercise Price of Derivative Security	(Month/Day/Year)	Execution Date, if any (Month/Day/Year)	Transac Code (Instr. 8	of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	5		Secur	rlying	Derivative Security (Instr. 5)	Deriv Secur Bene Own 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

McCown Michael 1331 LAMAR ST SUITE 650 HOUSTON, TX 77010

Senior VP & COO

12/02/2014

Signatures

/s/ Michael McCown, by Michael A. Gerlich as Attorney in Fact

**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) Shares forfeited to meet tax obligation of restricted share vesting.
- (2) Includes 196,682 shares acquired on various dates pursuant to previously reported restricted share grants that will vest subject to previously disclosed vesting schedules.

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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