Gastar Exploration Inc.

Form 4 July 14, 2014

FORM 4

OMB APPROVAL

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

OMB Number: 3235-0287

if no longer subject to Section 16. Form 4 or

Check this box

January 31, Expires: 2005

Estimated average burden hours per response... 0.5

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

Form 5 obligations may continue. 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

See Instruction 30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Porter J Russell			2. Issuer Name and Ticker or Trading Symbol Gastar Exploration Inc. [GST]	5. Relationship of Reporting Person(s) to Issuer			
(Last) (First) (Mid		(Middle)	3. Date of Earliest Transaction	(Check all applicable)			
1331 LAMAR	STREET,	SUITE 650	(Month/Day/Year) 07/10/2014	X Director 10% Owner Officer (give title Other (specify below)			
	(Street)		4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check			
HOUSTON, T	X 77010		Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person			

(City)	(State)	Tabl	e I - No	n-D	erivative Se	curitie	es Acqu	iired, Disposed of	, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date 2A. Deemed (Month/Day/Year) Execution Date, if any (Month/Day/Year)		3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				of (D)	Securities Ownership India Beneficially Form: Direct Bene Owned (D) or Own	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	07/10/2014		G <u>(1)</u>	V	150,000	D	\$0	1,545,954 (2)	D	
Common Stock	07/10/2014		G <u>(1)</u>	V	150,000	A	\$0	150,000	Ι	Trust (1)

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

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SEC 1474

(9-02)

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

9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	isable and	7. Title	and	8. Price of	9
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration Da	ate	Amour	nt of	Derivative	J
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Underl	ying	Security	5
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securit	ies	(Instr. 5)]
	Derivative				Securities			(Instr.	3 and 4)		(
	Security				Acquired						J
					(A) or						J
					Disposed						-
					of (D)						(
					(Instr. 3,						
					4, and 5)						
									Amount		
									or		
						Date	Expiration		Number		
						Exercisable	Date	of			
				Code V	(A) (D)				Shares		

Relationshins

Reporting Owners

Reporting Owner Name / Address	ixelationships						
	Director	10% Owner	Officer	Other			
Porter J Russell							
1331 LAMAR STREET, SUITE 650	X		Chief Executive Officer & Pres				

HOUSTON, TX 77010 **Signatures**

/s/ Michael A. Gerlich, as Attorney in Fact 07/14/2014

**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).

On July 10, 2014, the reporting person gifted 150,000 shares to his children in trusts for which the reporting person acts as the trustee as follows: The James Breckenridge Porter Trust of 2014 - 37,500 shares, The Grant Anderson Porter Trust of 2014 - 37,500 shares, The

- (1) Addison Ann Porter Trust of 2014 37,500 shares and The Lily Madeline Porter Trust of 2014 37,500 shares. The reporting person disclaims beneficial ownership of these securities except to the extent of his pecuniary interest therein, and the inclusion of these shares in this report shall not be deemed an admission of beneficial ownership of all of the reported shares for the purposes of Section 16 or for any other purpose.
- (2) Includes 566,082 unvested restricted common shares.

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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