SEC Form 4	Ļ													
FORM 4		UNITE	UNITED STATES SECURITIES AND EXCHANGE COMMIS Washington, D.C. 20549							SION				
Section 16. I	ox if no longer subject to Form 4 or Form 5 hay continue. See (b).	Filed purs	MT OF CHANGES IN BENEFICIAL OWNE d pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940								OMB Number: 3235-02 Estimated average burden hours per response: 0			
1. Name and Address of Reporting Person [*] <u>Meeker David P</u>				2. Issuer Name and Ticker or Trading Symbol <u>RHYTHM PHARMACEUTICALS, INC.</u> [<u>RYTM</u>]						ationship of Re k all applicable Director Officer (give)	g Person(s) to Is 10% C Other		
(Last) (First) (Middle) C/O RHYTHM PHARMACEUTICALS, INC.				3. Date of Earliest Transaction (Month/Day/Year) 02/01/2024						X Oncer (give the Other (specify below) below) President and CEO				
222 BERKELEY STREET, 12TH FLOOR				4. If Amendment, Date of Original Filed (Month/Day/Year)						6. Individual or Joint/Group Filing (Check Applicable Line)				
(Street) BOSTON	МА								Form filed by One Reporting Person Form filed by More than One Reporting Person					
(City)	(State)	(Zip)	Ru	Rule 10b5-1(c) Transaction Indication Check this box to indicate that a transaction was made pursuant to a contract, instruction or written plan that is intended to satisfy the affirmative defense conditions of Rule 10b5-1(c). See Instruction 10.										
		Table I - No	n-Derivative	Securities Acq	uired,	Dis	posed of, o	or Ben	eficially	Owned				
Date			2. Transaction Date (Month/Day/Yea	Execution Date,		action (Instr.	4. Securities Disposed Of 5)			5. Amount of Securities Beneficially Owned Follow Reported	Fc (D	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
					Code	v	Amount	(A) or (D)	Price	Transaction(s			(1150.4)	

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s⁽²⁾

6. Date Exercisable and Expiration Date (Month/Day/Year)

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

Date

2. The sale reported in this Form 4 was effected pursuant to Rule 10b5-1 instruction solely with the intent to cover withholding taxes in connection with the vesting of certain previously reported restricted stock

3. The restricted stock units vest or have vested as to 25% of the total shares on each of February 1, 2024, February 1, 2025, February 1, 2026 and February 1, 2027. The restricted stock units have no expiration

Exercisable

(3)

5. Number

Derivative

Securities

Acquired (A) or Disposed

of (D) (Instr 3, 4 and 5)

14,125

(A) (D)

of

14,125

4,361

Expiration

(3)

Date

/s/ Hunter Smith, Attorney-in-

02/05/2024 Fact for David Meeker

** Signature of Reporting Person Date

(1)

\$45.06

Α

D

7. Title and Amount of Securities

Derivative Security

Amount or Number

Shares

14,125

of

(Instr. 3 and 4)

Underlying

Title

Commo

Stock

125,460

121,099

9. Number of

derivative Securities Beneficially

Owned

Following Reported

Transaction(s) (Instr. 4)

42,375

8. Price of Derivative Security

\$<mark>0</mark>

(Instr. 5)

D

D

10.

Ownership Form:

Direct (D)

or Indirect

(I) (Instr. 4)

D

11. Nature

of Indirect Beneficial

Ownership

(Instr. 4)

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

1. Each restricted stock unit represents a contingent right to receive one share of Issuer common stock.

3A. Deemed

Execution Date, if any

(Month/Dav/Year)

 * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).

3. Transaction

(Month/Day/Year)

02/01/2024

Date

Common Stock

Common Stock

2. Conversion

or Exercise

Price of

Security

Derivative

(1)

Explanation of Responses:

1. Title of Derivative Security (Instr. 3)

Restricted

Stock

Units

units.

date

** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

02/01/2024

02/01/2024

8)

Code V

Μ

Transaction Code (Instr.

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 Number.