FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washin

washington, D.C. 20549	OMB APPROVAL			
STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP	OMB Number:	3235		

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

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* HOUGEN ELIZABETH L					2. Issuer Name and Ticker or Trading Symbol ISIS PHARMACEUTICALS INC [ISIS]									Check	tionship of Reporti all applicable) Director Officer (give title		10%	Issuer Owner r (specify	
(Last) (First) (Middle) C/O ISIS PHARMACEUTICALS, INC. 2855 GAZELLE COURT				3. Date of Earliest Transaction (Month/Day/Year) 07/01/2015										X	belov				
(Street) CARLSE (City)	BAD CA	A 9	92010 (Zip)		4. If	4. If Amendment, Date of Original Filed (Month/Day/Year)						. Indivine)	,						
Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned																			
1. Title of Security (Instr. 3) 2. Transact Date (Month/Day)					Execution Date,		3. Transaction Code (Instr. 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4			and 5) Secu Bene		cially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)					
									Code	v	Amount (A		(A) or (D)	Price	Tran		action(s) 3 and 4)		(111501.4)
Common Stock 07/01/2				/2015 07/0		07/01/2	2015	J ⁽¹⁾	V	40 A		\$48.	3,427		3,427	D			
	Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)																		
1. Title of Derivative Security (Instr. 3) 2. Conversion or Exercise Price of Derivative Security 3. Transaction Date (Month/Day/Year) 3. Transaction Date (if any (Month/Day/Year)		n Date,		ransaction of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)		ative rities ired osed	6. Date Exercisable and Expiration Date (Month/Day/Year)			7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)		nstr. 3			9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)		
					Code	v	(A)	(D)	Date Exercisa	able	Expiration Date	Title	or Nu of	mber ares					

Explanation of Responses:

1. Reporting 40 shares acquired under the Isis Pharmaceuticals, Inc. Amended and Restated 2000 Employee Stock Purchase Plan on July 1, 2015. These 40 shares may not be sold until January 2, 2016.

Remarks:

/s/Elizabeth Hougen ** Signature of Reporting Person 07/02/2015

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 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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