Instruction 1(b).

FORM 4

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL

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ı	hours per response.	0.5

	nd Address of IFIELD (Reporting Person*	2. Issuer Name and Ticker or Trading Symbol INVIVO THERAPEUTICS HOLDINGS CORP. [NVIV]									(Ch	elationship of the control of the co	cable)	g Pers	son(s) to Iss 10% O				
(Last) (First) (Middle) C/O INVIVO THERAPEUTICS HOLDINGS CORP. ONE KENDALL SQUARE, SUITE B14402						3. Date of Earliest Transaction (Month/Day/Year) 11/08/2014									Officer below)	(give title		Other (below)	specify	
(Street)			02139										Line	e) <mark>X</mark> Form f	or Joint/Group Filing (Check App m filed by One Reporting Person m filed by More than One Report son			1		
(City)	(S	•	(Zip) ole I - Non	-Deriva	ative	Se	curities	s Ac	quired,	Dis	posed o	f, or E	Bene	ficiall	y Owned	<u> </u>				
1. Title of Security (Instr. 3) 2. Transac Date (Month/Date)				ction	ar)	2A. Deemed Execution Date, if any (Month/Day/Year		3. 4. Secur Transaction Dispose Code (Instr. 5)		ties Acq	uired ((A) or	5. Amou Securitie Beneficia Owned F	nt of es ally following	Form (D) or	: Direct r Indirect str. 4)	7. Nature of Indirect Beneficial Ownership			
									Code	v	Amount	(A) or (D)		Price	Reported Transact (Instr. 3 a	ion(s)			(Instr. 4)	
		-	Table II - [uired, D , option						Owned					
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution D if any (Month/Day/	ate, Tr	4. Transaction Code (Instr 8)				6. Date Exercisa Expiration Date (Month/Day/Year		of Sec Underl Deriva		Title and Amount f Securities nderlying erivative Security nstr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number derivative Securities Beneficial Owned Following Reported Transactio (Instr. 4)	e s Illy	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	Beneficial Ownership (Instr. 4)	
					ode	v	(A)	(D)	Date Exercisabl		Expiration Date	Title	OI N Of	umber						
Stock Option (Right to	\$1	11/08/2014			A		50,000		(1)	1	1/08/2024	Commo		0,000	\$0	50,000)	D		

Explanation of Responses:

1. Option vests in 12 equal installments on each monthly anniversary of November 8, 2014 until fully vested on the first anniversary of November 8, 2014.

/s/ Elizabeth W. Fraser, Attorney-in-Fact

11/12/2014

** Signature of Reporting Person

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.

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.