

FORM 3

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0104
 Estimated average burden hours per response... 0.5

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting Person * PIONEER NATURAL RESOURCES CO		2. Date of Event Requiring Statement (Month/Day/Year) 12/31/2018	3. Issuer Name and Ticker or Trading Symbol ProPetro Holding Corp. [PUMP]	
(Last) (First) (Middle) 5205 N. O'CONNOR BLVD., SUITE 200	4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner <input type="checkbox"/> Officer (give title below) <input type="checkbox"/> Other (specify below)		5. If Amendment, Date Original Filed(Month/Day/Year)	
(Street) IRVING, TX 75039			6. Individual or Joint/Group Filing(Check Applicable Line) <input type="checkbox"/> Form filed by One Reporting Person <input checked="" type="checkbox"/> Form filed by More than One Reporting Person	
(City) (State) (Zip)	Table I - Non-Derivative Securities Beneficially Owned			

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	16,600,000	I	See Footnote (1)

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

SEC 1473 (7-02)

	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 control number.	
--	---	--

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
PIONEER NATURAL RESOURCES CO 5205 N. O'CONNOR BLVD., SUITE 200 IRVING, TX 75039		X		
PIONEER NATURAL RESOURCES USA INC 5205 N. O'CONNOR BLVD., SUITE 200 IRVING, TX 75039		X		
Pioneer Natural Resources Pumping Services LLC 5205 N. O'CONNOR BLVD., SUITE 200 IRVING, TX 75039		X		

Signatures

/s/ Mark H. Kleinman, Senior VP of each Reporting Owner		01/07/2019
—Signature of Reporting Person		Date

Explanation of Responses:

* If the form is filed by more than one reporting person, *see* Instruction 5(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) The reported securities are owned directly by Pioneer Natural Resources Pumping Services LLC, which is a wholly owned subsidiary of Pioneer Natural Resources USA, Inc., which is a wholly owned subsidiary of Pioneer Natural Resources Company.

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.