

15A NCAC 05H .1624 WELL STIMULATION REPORT

(a) Within 30 calendar days after the conclusion of stimulation operations on an oil or gas well, the permittee shall submit Form 18 – Well Stimulation Report to the Department that includes the following information:

- (1) the permittee's name, address, telephone number, fax number, and email address;
- (2) the county and nearest city or town where the oil or gas well is located;
- (3) the property street address, or nearest address to the ingress and egress point leading from a public road to the well pad;
- (4) the API number, the lease name, and the oil or gas well name and number;
- (5) the type of oil or gas well;
- (6) the total volume of the base fluid;
- (7) the total volume of reused water, alternative water, freshwater, or other base fluid that was used in each hydraulic fracturing stage;
- (8) the maximum pump pressure measured at the surface during each stage of the hydraulic fracturing operations;
- (9) the types and volumes of the well stimulation fluid and proppant used for each stage of the well stimulation operations;
- (10) the well stimulation treatment data collected in accordance Rule .1613 of this Section;
- (11) for hydraulic fracture stimulations, the estimated maximum fracture height and length and estimated true vertical depth to the top of the fracture achieved during well stimulation treatments as determined by a three dimensional model using true treating pressures and other data collected during the hydraulic fracturing treatments;
- (12) the well shooting or perforation record detailing the true vertical and measured depths, and total number of shots in the wellbore;
- (13) the wellbore diagram that includes casing and cement data, perforations, and a stimulation summary;
- (14) the initial oil or gas well test information recording daily gas, oil, and water rate, and tubing and casing pressure in accordance with Rule .2201 of this Subchapter;
- (15) the initial gas analysis, performed by a laboratory certified by the State in accordance with 15A NCAC 02H .0800, which is incorporated by reference including subsequent amendments and editions; and
- (16) the engines used on-site during exploration and development, including:
 - (A) the number of engines with capacities (maximum site-rated horsepower) less than 750 horsepower by engine type, such as compression ignition, two stroke lean burn ignition, four stroke lean burn ignition, rich burn spark ignition;
 - (B) the number of engines with capacities (maximum site-rated horsepower) greater than or equal to 750 horsepower by engine type, such as compression ignition, two stroke lean burn ignition, four stroke lean burn ignition, rich burn spark ignition; and
 - (C) the average number of hours of operation for engines in each of the categories above.

(b) The permittee may attach to the completed Form 18 – Well Stimulation Report any information received from a service company regarding the well stimulation operations, as used in the normal course of business, to satisfy some or all of the requirements in this Rule.

History Note: Authority G.S. 113-391(a)(5); 113-391(a)(10); 113-391(a)(11); 113-391(b); 113-391(b1); Eff. March 17, 2015.