

TITLE 267 – NEBRASKA OIL AND GAS CONSERVATION COMMISSION

CHAPTER 3 – DRILLING, DEVELOPMENT, PRODUCING AND ABANDONMENT

042 **HYDRAULIC FRACTURING**

New and existing wells which will be stimulated by hydraulic fracturing must demonstrate suitable and safe mechanical configuration for the stimulation treatment proposed.

042.01 Prior to the initiation of fracture stimulation, the operator must evaluate the well. If the operator proposes stimulation through production casing or through intermediate casing, the casing must be tested to the maximum anticipated treating pressure. If the casing fails the pressure test, it must be repaired or the operator must use a temporary casing/tubing fracturing string.

042.02 If the operator proposes fracturing through a temporary casing/tubing string it must be stung into a liner or run on a packer set not less than one hundred (100) feet below the cement top of the production or intermediate casing and must be tested to not less than maximum anticipated treating pressure.

042.03 Casing/tubing pressure test will be considered successful if the pressure applied has been held for ten (10) minutes with no more than a ten percent pressure loss.

042.04 Maximum treating pressure shall not exceed the test pressure determined above.

042.05 The surface casing valve must remain open while hydraulic fracturing operations are in progress. The annular space between the fracturing string and production casing must be monitored and may be pressurized to a pressure not to exceed the pressure rating of the lowest rated component that would be exposed to pressure should the fracturing string fail.

