

1 _____ BILL NO. _____

2 INTRODUCED BY _____
3 (Primary Sponsor)

4 A BILL FOR AN ACT ENTITLED: "AN ACT ESTABLISHING CEMENTING AND CASING REQUIREMENTS FOR
5 HYDRAULIC FRACTURING WELLS; REQUIRING REPORTING; AND DEFINING THE TERM "CEMENT
6 EVALUATION LOG"."

7
8 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF MONTANA:

9
10 **NEW SECTION. Section 1. Cementing requirements for hydraulic fracturing wells -- definition.**

11 (1) During cementing operations, the operator shall monitor and record the flow rate, density, and treating
12 pressure and submit a cement operation monitoring report to the administrator within 30 days after completion
13 of the hydraulic fracturing operations.

14 (2) The operator shall run a cement evaluation log or logs on each casing that protects usable water and
15 submit those logs to the authorized officer within 30 days after completion of the hydraulic fracturing operations.

16 (3) If there is an indication of an inadequate cement job, including lost returns, cement channeling, gas
17 cut mud, or failure of equipment, the operator shall report that information to the administrator within 24 hours,
18 followed by a written report within 48 hours.

19 (4) Prior to commencing hydraulic fracturing operations, the operator shall run a cement evaluation log
20 showing that the inadequate cement job has been corrected and the occurrences of usable water have been
21 isolated to protect them from contamination.

22 (5) At least 72 hours before commencing the hydraulic fracturing operation, the operator shall submit to
23 the administrator:

- 24 (a) a signed certification indicating that the operator corrected the inadequate cement job; and
- 25 (b) documentation showing that there is adequate cement bonding.

26 (6) For the purposes of this section, "cement evaluation log" means any one of a class of tools that verify
27 the integrity of annular cement bonding, including a cement bond log, ultrasonic imager, variable density log,
28 microseismogram, or cement bond log with directional receiver array, ultrasonic pulse echo technique, or isolation
29 scanner.

30



