

EXTRACTION OIL & GAS LLC
Freshwater Pit Management Plan
Wattenberg Field, CO

Overview

Operator is proposing the use of a fresh water holding pit to aid fracing operations at the Rubyanna site location in Sec 13-6N-67W. The pit capacity will be approximately 20,000 bbls, and be located just north of the production facility on lands owned by Twenty Five Farm, LLC. The surface owner has been involved in the pit design and placement, and will be aiding with water transfer services to initially fill the pit with local irrigation water.

Pit Design

Pit dimensions will be consistent with the scaled pit design submitted with the pit application (Form 15). A 36 millimeter thick synthetic liner will be used, and 2 feet of freeboard will be maintained at all times. Please reference pit design for additional information.

Construction

Operator will remove only the minimum amount of vegetation required for construction of freshwater pit. Plan to conserve topsoil excavations and store in a designated area for reuse after pit has been reclaimed. No construction or maintenance activities will be performed during periods when the soil/roads are too wet to adequately support construction equipment.

Pit Monitoring/Inspection

During fracing operations on-site personnel will monitor the pit fluid level on a 24 hour basis to ensure a minimum of 2 feet freeboard is maintained. Operator will make use of straw hay bales, gravel and other measures to prevent erosion, storm water run-off and site degradation during pit use.

Final Reclamation

All surface restoration will be accomplished immediately following fracing operations, and to the satisfaction of the surface owner. The synthetic liner will be removed, pit backfilled, and site reclaimed and graded per the consistent with original condition.