

BRADFORD RANGER DISTRICT

OIL AND GAS INSPECTION REPORT

OGM Case Numbers: 243, 244 and 245 Date of Inspection: April 13, 2007
 Weather Conditions: Cold, 30's F Persons On-Site: Robert Gleeson and Ken Scott – DEP – Meadville Office
 Warrant/Lot Number: Warrants 2752 & 2445 Mineral Owner/Leasee: Duhring Resource Company
 Lots 7, 8, 9, 12 & 13
 Forest Service Representatives: Sheldon Winters – OGM Administrator, Paul Weese – Zone OGM Team Leader, Cara Farr – Soil Scientist, Chuck Keeports - Hydrologist
 Discussed Operation With: DEP representatives on-site (Gleeson and Scott)
 Equipment On-Site: None
 Activity On-Site: Proposed roads and wells were flagged/marked, and existing development

INSPECTION ITEMS and RESOURCE CONCERNS

On April 3, 2007, the Allegheny National Forest sent an objection letter to Robert Gleeson of the DEP in regards to Duhring Resource Company's proposed development in Warrants 2752 and 2445. This field visit was scheduled to discuss the ANF's concerns with Duhring's proposed development. For this inspection report, a well number indicates a proposed well unless otherwise noted.

Warrant 2752 - Lot 7

- Well 7-20 is in a wetland greater than one acre, and would require a road that goes through a wetland.
- Well 7-21 is approximately 20 feet from a large spring seep which is part of the wetland greater than one acre. An access road from either the north or the south would pass through a wetland.
- Well 7-22 is approximately one foot from a wetland greater than one acre. Even if the well was moved outside the wetland, it would be difficult to locate a road that would meet Best Management Practices (BMPs) to access this well site.
- The side slope of the hill west of Wells 7-20, 7-21 and 7-22 is greater than 35%, and several spring seeps exist along the hill side.
- The existing road (an old jeep corridor that has been worked on recently) has a grade of approximately 10-12%. Plastic cross culverts were installed at approximately 400 feet spacing. These pipes are not handling the runoff; consequently, there is significant amount of erosion and sedimentation that is occurring along this corridor. Additional culverts are needed to reduce the spacing to approximately 200 feet. Also, several of the existing pipes need to be adjusted because they were not installed correctly. This access road also needs to be seeded and mulched to minimize the erosion and sedimentation occurring in the area. Also, the roots of many standing trees adjacent to the road were buried. This material needs to be removed, or these trees need to be marked and the Forest Service compensated for this timber.
- The side slope along this corridor will make it difficult to construct and stabilize the well pads for Wells 7-13 and 7-15, and possibly Well 7-16.
- The proposed access road leading to Well 7-14 was originally flagged with a slope greater than 20%. Sheldon Winters flagged an alternative to Duhring's proposal that met BMPs. We reviewed Sheldon's alternative in the field and decided it was the more suitable alternative.
- Two proposed well locations 7-17 and 7-19 are visible from SR 948, a Concern Level 1 road in regards to scenery management as identified in the Forest Plan.

