

BRADFORD RANGER DISTRICT

OIL AND GAS INSPECTION REPORT

process of looking at access roads to the proposed well site, I informed him that the location of the wells are a major concern, thus, if the well sites cannot be shifted, then the concerns with the access roads would be secondary. I conveyed the concerns that the Forest Service and the DEP have with each well site. These concerns have been discussed in previous inspection reports, and excerpts of an April 13, 2007 report are put in italics below. Please see inspection report dated 4/13/2007 for additional information.

- *Well 7-20 is in a wetland greater than one acre, and would require a road that goes through a wetland.* Mr. Stewart agreed there was not alternative to move the well site without interfering with the spacing of other wells. (Note: Since this field visit, Duhring has verbally said it would drop this well from the proposal.
- *Well 7-21 is approximately 20 feet from a large spring seep which is part of the wetland greater than one acre. There would not be a buffer between the well pad and the wetland. An access road from either the north or the south would pass through a wetland.* Mr. Stewart intends to move forward with this proposal. Sheldon did tie flags leading from Well 7-22 to this well site, however, the wetland issue would not be mitigated with the proposed location of Well 7-21.
- *Well 7-22 is approximately one foot from a wetland greater than one acre.* Art proposed to move the well site out of the wetland, however, it would still need a waiver from the DEP because the well pad would probably be less than 50 feet from the wetland.
- 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%.* Mr. Stewart said the road needs to reseeded and mulched. We did not discuss the need for additional cross culverts for this road during this site visit. Sheldon will follow up with him at a later date.
- *Well 7-19 is visible from SR 948, a Concern Level 1 road in regards to scenery management as identified in the Forest Plan.* We worked with both Mr. Tachior and Mr. Stewart to relocate the road leading to this site. In addition, Mr. Stewart said Duhring could possibly move the well 35 feet away from SR 948. Due to the vegetation in the area not being too dense, it will not mitigate the visual concerns entirely, however, Duhring would work with the Forest Service to move the well as much as possible.
- *The proposed road to access Well 7-18 is very close to and would be visible from the North Country Trail.* The group discussed an alternative route that would move the access road away from the parking area and out of the wet area directly north of the parking area, and that would be less visible from the North Country National Scenic Trail. Mr. Stewart said he would be willing to work with the Forest Service to make this change.

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- *Two proposed stream crossings on Rock Run (a HQ-CWF stream) are poorly placed, and the proposed access roads do not meet standard BMPs (i.e. severe grades (25-30%), unnecessary stream crossings, steep side slopes at well sites (40-60%)). Duhring has proposed to create a loop road to access proposed well locations D-25, D-26 and D-27, which would require these two stream crossings. The terrain to the east of these crossings is too steep (30%-60+%) to be able to construct an access road with an acceptable grade, and that would not cause significant impacts to the water quality of Rock Run. The proposed well locations appear to all be within approximately 200 feet of Rock Run on very steep terrain.* We look at these proposed well sites and discussed the water, soil and aquatics concerns that the Forest Service has with them. Stovall asked Duhring if it possibly

