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State of Utah

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DIVISION OF OIL, GAS AND MINING

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July 6, 1990

TO: Pamela Grubaugh-Littig, Permit Supervisor
FROM: Susan White, Reclamation Biologist *SW*
RE: 1989 Annual Vegetation Report, Beaver Creek Coal Company,
Gordon Creek #3 & #6 Mines, ACT/007/017, Folder #2, Carbon
County, Utah

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Analysis

Gordon Creek #3 and #6 Mines were reclaimed and seeded in the Fall of 1985. Tree and shrub transplants and cuttings were planted the Fall of 1986. Quantitative vegetative measurements were taken on the reseeded areas in Summer 1989. The average total cover of all areas sampled was 37 percent. Understory vegetative cover of the sagebrush-grassland reference area was 36 percent cover. Survival rates of the transplanted tree and shrub species were measured in the Fall of 1989. Survival ranged from 14 to 78 percent.

Recommendation

Shrub density measurements must be taken in 1990 to comply with the 80-80 rule as approved in the new coal regulation.

djh
AT63/21