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UNITED STATES GOVERNMENT

Memorandum

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

COPY
IN REPLY REFER TO:
4700
(NV-057.7)

To : Caliente Resource Area Manager

Date: MAY 24 1984

FROM : Range Conservationist/Wild Horse & Burro Specialist,
Caliente Resource Area

SUBJECT: Check on Wild Horse condition and [REDACTED]
f [REDACTED]
t [REDACTED] MS.

On April 26, 1984 Chester Davis, Phillip C. Seegmiller, from the Caliente Resource Area visited the NWHR on the TTR in the accompaniment of Cecil Lang (DOE). The purpose of the trip was to show Cecil areas where maintenance is needed on water sources to bring these water sources back into full operation to provide an adequate supply of water for the wild horse population.

Corral Spring - At this site there are two main spring sources which will be referred to as upper and lower springs. The lower spring seems to be operating fine although there is problems with the amount of storage. The waterflow is approximately one gallon per minute. Also, gravel needs to be placed around the head box to prevent a cave-in which might stop the flow of water. The upper spring needs to be redeveloped, this will require use of backhoe, installation of headbox, pipe, storage tanks, and troughs. If the upper spring was connected to lower spring with adequate storage added it could supply plenty of water for the number of wild horses in the area. Troughs at both sites are old but could be repaired to last for a few more years. What is needed is about a 5-1 thousand gallon tank for storage.

Materials needed: 300 feet of 1½" pipe (plastic), cement and epoxy (one yard of cement), storage tank, 5,000 to 10,000 gallons, valves and connectors.

All water should be collected from source and the overflow should come from the storage tanks.

Tunnel Spring - Needs to be redeveloped to try and get all water available at source. Present flow is just a small amount of approximately ½ gallon per minute. Additional storage should also be added (2-3 thousand gallons).

Rose Spring pipeline needs to be cleaned out to allow more water down the line. There needs to be storage tanks added to line of approximately 5 to 10 thousand gallons. Water control valves needed to be

added in to line to extend life and better control water flow. Troughs also need to be added to create 1500-2000 gallon storage. Also, there should be an investigation concerning the possibility of extending the line past USAF Site 4 and build capture facilities.

Silverbow - Silverbow seems to have maintenance problems near the source. Lines should be pumped back to source from approximately 300-400 yards down the line with the filter off the source to clean out line. In addition, a trough of at least 1500-2000 gallon capacity with float valves needs to be added to the pipeline. Pipeline should also be extended four to five miles down the old corral road with capture facilities constructed to handle horses for removals.

Phillip C. Seymour

