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SEVENTH PERIOD ILLUSTRATED
NARRATIVE REPORTS

1936

DEPARTMENT OF THE INTERIOR
DIVISION OF GRAZING, E. C. W.

REGION 1
SALT LAKE CITY, UTAH

G. 14 *OREANA, IDAHO*

GEO. BULLOCK
CAMP SUPERINTENDENT



Bates Creek Spring
Re-enforced- Concrete
Top & sides with man hole

900 gallons of cold spring
water for livestock.



Side view of the Bates Creek cement water troughs
For details see reverse side

ONE OF A SERIES OF SPRING WE ARE DEVELOPING WITH CEMENT TROUGHS ON TRAILS AND RANGE WHERE STOCK WATER IS SCARCE.

PROJECT NO. 13-S - CLASSIFICATION NO. 159 - BATES CREEK SPRING.

THIS PROJECT SHOWS A HIGHER COST AND MAN DAYS USED THAN OTHERS UNDER THE SAME CLASS, DUE TO UNFAVORABLE WORKING CONDITIONS; NECESSARY CONSTRUCTION AND A LONG PIPE LINE.

1½" PIPE, 2 FEET UNDER GROUND CARRIES WATER FROM SPRING TO TROUGHS, WITH A 2" OVERFLOW PIPE, LEAVING THE GROUND AROUND SPRING AND TROUGHS DRY.

MATERIALS USED

WOVEN WIRE	60 FT.
TIE WIRE	10 LBS.
¼" RE*ENFORCEMENT STEEL	328 LBS.
CEMENT	44 SKS.
1½" PIPE, GALV.	546 FT.
2" Pipe, GALV.	26 FT.
UNION, 1½" GALV.	1
ELLS, 1½" GALV.	2
ELBOWS, 2" GALV.	2

MAN DAYS USED 308

TOTAL COST \$287.22

COMPLETED-----11-2-37

4

No. 1.
Reservoir No. 5.
under construction.

No. 2.
A completed project.
Foreman's Shanks Crew.

5

No. 3.
Ready for livestock. Full
and running over spillway.
March 29, 1938.

6

OVER FOR DETAILS

RESERVOIR NO. 5 - APPROVED 4/26/37 -COMPLETED 12/8/37.

PROJECT NO. 5-RES. * CLASSIFICATION NO. 122.

TOTAL MAN DAYS USED. 1197

TOTAL COST. \$911.23

SUPERVISORY COST. 491.44

GAS., OIL & MATERIALS. 419.79

LOCATED ON STOCK DRIVEWAY, ALSO ON WINTER AND SPRING
RANGE, IN SECTION 22, TOWNSHIP 4 SOUTH, RANGE 2 WEST.

EQUIPMENT USED

WHEELBARROWS. 12

DUMP TRUCKS. L

ENROLLEES. 25

MILES DISTANCE FROM OREANA. 10



No. 1.
Tad-pole Lake, located
in Sunnyside desert.
March 27, 1938



No. 2.
Dry Lake No. 1.
Now under construction.
Located in Sunnyside desert.



No. 3.
Dry Lake No. 1.
Now under construction.
Located in Sunnyside desert.

ALL THREE OF THESE LAKES COVER A LARGE AREA, ARE
VERY SHALLOW AND SOON EVAPORATE LEAVING A SUN BAKED CLAY
BOTTOM.

WE ARE EXCAVATING AT END OF EACH, A RESERVOIR TEN FEET
DEEP WITH SIX TO ONE SIDE SLOPES AND FROM 30' TO 60' BOTTOM
WITH DRAIN TO EACH RESERVOIR, HOPING TO HOLD WATER ALL
SUMMER.



No. 1
Digging feed ditches, which
will supply reservoirs with
summer water.



No. 2.
A completed ditch, which
has filled reservoirs No.
5-6 and one below.



No. 3.
Joyce Reservoir, which we
filled this year 3/26/38.