PROJECTS FOR IMMEDIATE E. C. W. WORK

in

Unit No. 8

Location: 110°00' 37°15' 6 1/4" W. 14 3/4" S.
Number: A-230
Description: S. C. W. Shallow Well

The tubing needs to be extended approximately fourfeet and the well should be cleaned of sand and mud.

Location 110°00' 37°15' 2 5/8" N. 5 7/8" S.
Number A-192 ( E. C. W. 13 E.)
Description:

There is another small spring adjacent to the developed spring that should be developed and run into the troughs The Troughs need the sand excavated from around them.

Location: 110°00' 36°45' 4 3/4" W. 14 3/4" S.
Number A-124
Description:

This spring is known as "Sweet Water Spring" and is to be developed with two standard troughs. There is no development at the present time.

Location: 110°00' 36°45' 8 3/4" W. 11 1/4" S.
Number A-109 (E. C. W. 12 II)
Description:

Rebuild trough and replace pipeline to the spring. The troughs have disintegrated through the use of poor materials. There is a good possibility of developing another spring adjacent to the now developed spring and running both into the same trough, at the same time; a 1,000 gallon concrete storage tank should be built above the trough.

Location 110°00' 36°45' 9" N. 11" S.
Number: A-109a
Description:

This spring will require the same treatment as A-109 with the exception of the development of the additional water.



DFA 83

CV-6417-201 NN000389

Location: 110°00' 36°45' 3 1/8" N. 11" S.
Number A-128
Description:

This project is an old Indian-developed well that needs to be re-cribbed with masonry and a standard 16' concrete trough built. A pump should be also installed on this well.

Location: 110°00' 36°45' 8 3/4" N. 8" S.
Number: A-108 (N. C. W. 12 S.)
Description:

This is an N. C. W. reservoir that is bog hole and death trap because of the cut bank approaches. The cut bank must be cut down so that stock can get to the water. The spoil will be used to take the dike on across the present spillway. The embankment will probably have to be raised and a new shallow and wide spillway cut on the west end of the reservoir. Before surveys are made on this project, Mr. McCash should be consulted because after the water leaves the spillway, it is to be spread over the adjoining flats.

Location: 110°00' 36°45' 10" N. 5 1/4" S.
Number: A-182 (N. C. W. 12 R)
Description:

This is an N. C. W. spring and the pipeline needs maintenance and repairs. The trough is in good condition.

Location: 110°00' 36°45' 1/4" N. 1/8" S.
Number: A-241
Description:

The collection galleries need to be cleaned and repaired on this spring.

Location: 109°45' 36°30' 8 1/2" N. 3 1/2" S.
Number: A-130
Description:

This shallow well is at the Rough Rock dipping vat. The cribbing on the well is in very poor condition and the well should be re-cribbed with masonry. These standard 20' troughs should be installed and by the proper placing of the troughs a gravity flow to the troughs can probably be obtained.



DFA 84

CV-6417-201 NN000390

Location: 110°00' 37°00' 12 3/8" W. 15 1/4" S.
Number: A-116 ( E. C. W. 12 P)
Description:

This is an E. C. W. reservoir and the borrow pit needs cleaning. This job could probably be done to an advantage with tractor and tumble-bug.

Location: 110°00' 37°00' 6 3/8" W. 13 1/8" S.
Number: A-227
Description:

The tubing needs tobe extended and the pump repaired on this shallow well.

Location: 109°45' 37°00' 5 1/4" W. 4 1/2" S.
Number : A-263 (E. C. W. 121)
Description:

The galleries and pipeline need cleaning on this spring.

Location: 109°45' 37°00' 5 1/2" W. 1 1/4" S.
Number: A-261 (E. C. W. 120)
Description:

The galleries and pipeline need cleaning on this spring.

Location: 110°15' 37°00' 2 5/8" W. 4 1/2" S.
Number: A-210 (E. C. W. 13 H.)
Description:

This shallow well needs a man hole cut in the concrete top and thewell cleaned out. The pump also needs repairing.

Location: 109°45' 37°00' 9" W. 8" S.
Number: A-364
Description:

This well needs a pump installed.

Location: 110°00' 36°45' 6 3/4" W. 5 1/4" S.
Number: A-270
Description:

This reservoir should have the dike on the west side built up and the present spillway filled and a new spillway made in the southwest corner of the reservoir.



DFA 85

CV-6417-201 NN000391

Location: 109°45' 36°45' 13 1/8" W. 2" S.
Number: A-272
Description:

Put in one 16' trough below this well so that gravity flow may be used to fill trough.

Location: 109°45' 36°45' 3" W. 15" S
Number: A-273 (N. C. S. 146.7)
Description:

The windmill tower is off center and should be placed over the hole and plumbed.

Location: 109°45' 36°45' 12" W. 10 1/2" S.
Number: A-277 (N. C. S. 146.11)
Description:

This well needs the same treatment as 146.7

Location: 110°00' 37°15' 3" W. 12" S.
Number: A-280
Description:

The sand around the trough is coming in and threatens to cover the trough. The sand must be removed.

Location: 110°00' 37°15' 7/8" W. 5 1/4" S.
Number: A-282
Description:

The spillway must be repaired immediately and proper erosion control measures taken to stop the cutting of the spillway.

Location: 110°00' 37°15' 4 3/4" W. 5 1/4" S.
Number: A-194
Description:

N. C. N. choice on Douglas Mesa. The banks to the borrow pit need to be cut down and the spoil used to build up the embankment.

Location: 110°00' 37°15' 12 1/4" W. 12 1/2" S.
Number: A-292
Description:

The reservoir is west of Gouldings and is known as "Red Rock Reservoir." The north dam needs repairing and should be raised.



DFA 86

Location: 11[illegible]00' 37°15' 10 1/2[illegible], 10" S.
Number: A-1[illegible]
Description: Cedar Springs

Approximately 153' of stock trail should be built to make this spring available from the north.

A-101 Artesian Well

109°43' 37°00' Kayenta Dinnehotso Road.
Well needs to be cleaned as th flow has beenreduced until now is only about 200 gallons per day. The well has probably sanded up.

A-107 Well, Shallow [illegible]. C. [illegible]. Permanent
110°00' 36°45' 7 1/2" S. 10 3/4" W.
Tubing needs to be extended 3'.

A-129 Reservoir Temporary

109°45' 36°30' 7/8" S. 12 7/8" W.
There is a good vegetative cover above thereservoir. To maintain th cover and prevent gullying from trails and silting in the reservoir, a plot should be fenced above the reservoir.

A-131 Well Permanent

109°45' 36°30' 10 3/8" W. 3 7/8" S.
Pump needs releathering.

A-151 Reservoir Temporary

110°00' 36°30' 2" S 12 1/8" W.
Water lot is fenced but a cross fence should be put in and perhaps plot enlarged so as to maintain vegetative cover and allow for desilting water.

A-169 Reservoir Temporary

110°00' 36°30' 5 1/2" S. 9 3/8" W.
Pinon-Hotevilla Road
Needs to be checked with level. East end of dam needs 50 to 100 yards dirt to raise dam to present free board on west side (spill)



DFA 87

CV-6417-201 NN000393

A-178 Well Permanent

109°45' 36°45' 13" S. 11 1/8" W.
A pump has been installed but has been broken. The tubing and cylinder are still there. Need pump repaired.

A-179 Windmill U. S. Irrigation Service.

109°45' 36°45' 5" W. 9 1/2" S.
Need dirt removed from around troughs.

A-181 Spring Permanent

110°00' 37°15' 7 3/4" S. 5 1/2" W.
All water available here is not diverted into the troughs. Need 150 feet pipeline and some excavation and catchment cribbing.

A-212 Reservoir Temporary

110°15' 37°15' 14" S. 5 3/4" W.
A plot should be fenced around this reservoir to facilitate desilting of water and prevent gullying.

A-233 Spring

109°45' 37°15' 8 5/8" W. 14 3/4" S.
This spring has been developed but the pipeline is clogged or the water is breaking out some other place. Need pipeline and catchment basin cleaned and possible further cribbing and excavation.

A-243 Well [illegible] Permanent

109°45' 37°00' 9 3/8" W. 12 1/3" S.
This is a shallow well; need pump installed.

A-244 Spring

110°00' 37°00' 17 1/4" S. 2 3/4" W.
This spring has a very small flow at present. It may have sanded up. Recommend cleaning and extending load pipe to trough 2'.

A-245 Well Shallow

109°45' 37°00'
This well needs pump.



DFA 88

CV-6417-201 NN000394

A-246 Well

109°45' 37°00' 12 1/4" S. 7 1/4" W.
Recommend pump for this well.

A-247 Reservoir Temporary

109°45' 37°00' 7 3/4" W. 16 1/2" S.
Large reservoir with masonry spillway. Fencing a plot above this reservoir would be beneficial in preventing silting of reservoir.

A-250 Spring U. S. Irrigation Service.

109°45' 37°00' 15" S. 5/8" W.
This spring now has a very small flow. The possibility of cleaning spring should be investigated.

A-275 Reservoir Temporary

109°45' 36°45' 13" W. 16 1/2" S.
There is a good vegetative cover present with no gullying. Fencing a plot above this reservoir would do much to prevent gullying and to facilitate desilting of water.

A-300 Proposed Reservoir

110°15' 37°15' 4 1/2" W. 1" S.
A reservoir is to be constructed 4 1/2 miles north of Organ Rock. It is approximately 12 miles from this site to the San Juan River. The river is in a canyon in this region and is inaccessible. An additional reservoir, if constructed as proposed, would make nearly all the range between Organ Rock and the San Juan River accessible to water.

A-301 Proposed Spring Development

110°00' 37°15' 2" S 18" W.
Mr. Goulding reports a spring northwest of Douglas Mesa, somewhere near this location. The spring was not investigated because of lack of time on the study but, if water could be developed in this area, it would make accessible to water a large area that is not so at present.

A-302 Reservoir (Proposed)

109°45' 37°00' 4 1/2" S 2" W.
There are such rock areas in this location where a reservoir could be constructed. More water is needed in this vicinity.



DFA 89

CV-6417-201 NN000395