

May 1950

District #3

Blue Canyon  
(Moencopi Wash)

Notes:

Preliminary investigations made to determine elevations, etc., of possible and feasible results.

Flood and silt control dam with additional diversion to Greasewood Lake, west of Tuba--Red Lake Road.

Storage dam 200' high, 300' bottom, 500' crest. Large storage basin above.

Canal --long through sandy country; several siphons necessary. 80' head available for 15 mile canal.

Storage diversion dam in Begashibito would also put water in to proposed Greasewood Reservoir with 7 miles of canal.

Greasewood Lake surface area approximately  $1\frac{1}{2}$  square miles.

Water by gravity to Reservoir Canyon and Moencopi-Tuba.

Additional water necessary--Additional surveys necessary.

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MCENCOPI WASH PROJECT

Narrative:

River bank protection work on the project is very badly needed. We propose to protect two sections near the head end of the project by constructing rock jetties along the north bank of the wash. These sections are critical in that the main irrigation canal may be washed out at any time. An extensive program of bank protection is impossible due to the lack of funds.

Rock Jetties:

20 only @ 177 cu. yds.	
3540 cu. yds. @ 75¢ =	\$2,655.00
15% Adm. & Eng.	<u>400.00</u>
Total:	\$3,055.00

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