FITZROY STATION.
Field Officers Report

Inspection of Irrigation Area and Potential Dam Site - Skull Creek.

The above station was visited on 20th July, 1964, to inspect a trial irrigation area, pump site and pipeline, and to supply technical advice on the possibility of constructing a Dam across the Skull Creek immediately upstream of the existing road crossing.

The irrigation area is 600 feet south-east of the homestead on levee soil, has an area of 10 acres with low gradients suitable for irrigation. The water supply is located 1,700 feet to the north west in the Victoria River's eight mile waterhole which has a capacity estimated at 1,200 acre feet. There is a head of 65 feet between the supply and the irrigation area.

Should irrigation be contemplated on Fitzroy or Coolibah Stations, a capacity survey of the waterhole will be required. This supply will be used for domestic purposes on Fitzroy as well as irrigation and stock.

Skull Creek Proposed Dam Site.

The placing of a dam across Skull Creek is not recommended.

The depth and velocities of the creek in the wet season would require an expensive masonry dam. Moreover, a cut-off wall from the site to the base of the hill to the east would be required to stop the tendency of the creek to cut a new channel.

Debris in the area indicates that the river tops its banks annually.

(D. Kneebone)
Senior Technical Officer (Planning)
19.9.64
FIELD OFFICER'S REPORT

Inspection of Irrigation Area and Potential Dam Site - Skull Creek.

The above station was visited on 20th July, 1964, to inspect a trial irrigation area, pump site and pipeline, and to supply Technical advice on the possibility of constructing a Dam across the Skull Creek immediately upstream of the existing road crossing.

The irrigation area is 600 feet south-east of the homestead on loves well, has an area of 10 acres with low gradients suitable for irrigation. The water supply is located 1,700 feet to the north west in the Victoria River's eight mile waterhole which has a capacity estimated at 1,000 acre feet. There is a head of 65 feet between the supply and the irrigation area.

Should irrigation be contemplated on Litsey or Godliah Stations, a capacity survey of the waterhole will be required. This supply will be used for domestic purposes on Litsey as well as irrigation and stock.

Skull Creek Proposed Dam Site.

The placing of a dam across Skull Creek is not recommended.

The depth and velocities of the creek in the wet season would require an expensive masonry dam. Moreover, a cut-off wall from the site to the base of the hill to the east would be required to stop the tendency of the creek to cut a new channel.

Debris in the area indicates that the river tops its banks annually.

J. Kanebone
Senior Technical Officer (Planning)
19/7/64