

**DESCRIPTION OF WORKS**

9. (a) If a dam has been constructed, give description: Height, ..... ft.; length on top, ..... ft.; length on bottom, ..... ft.; material used and character of construction, .....

(b) Give description of headgate: Width, ..... ft.; depth, ..... ft.; material used and character of construction, .....

(c) Size of canal: Width on top (at waterline), ..... ft.; width on bottom, ..... ft.; depth of water, ..... ft.; grade, ..... ft. fall per 1,000 ft. Actual capacity, ..... sec.-ft.

Give general description: .....

(d) Pipe line: Description of intake, .....

Length of pipe, ..... ft.; size at intake, ..... in.; size at ..... ft. from intake, ..... in.; size at place of use, ..... in. Difference in elevation between intake and place of use, ..... ft.

Is grade uniform? ..... Actual capacity of pipe line, ..... sec.-ft.

Give general description: .....

(Material: Steel, wrought, cast iron, wood stave, etc.)

(e) Pumping plant: Give size and type of pump, .....

Suction lift, ..... ft.; discharge lift, ..... ft. Type of motor used .....

Horsepower rating, ..... H. P. Actual capacity of pump, ..... sec.-ft.

10. During what months is water beneficially used? .....

11. State character of soil .....

Kind of crops raised .....

12. Does the accompanying map, filed with your application, show correctly the point of diversion, area of land irrigated, or place of use? .....

13. If not, wherein is such map in error? .....

14. Domestic use: Give number of families actually using water at this time .....

15. If for power, mining, municipal, manufacturing, storage or any other purpose than irrigation, give extent and method of such use .....