

IN THE MATTER OF APPLICATION 46517)
FILED BY LEONARD L. AND JACQUELYNN)
A. JOY TO APPROPRIATE THE WATERS OF)
AN UNDERGROUND SOURCE WITHIN)
ANTELOPE VALLEY, WASHOE COUNTY,)
NEVADA.)

RULING

GENERAL

I.

Application 46517 was filed¹ on January 11, 1983, by Leonard L. and Jacquelynn A. Joy to appropriate 0.25 c.f.s. of water from an underground source for irrigation and domestic purposes on 4.0 acres of land within the SW1/4 NW1/4 Section 13, T.22N., R.19E., M.D.B.&M. The point of diversion is described as being within the SW1/4 NW1/4 Section 13, T.22N., R.19E., M.D.B.&M., and the period of use is from January 1st to December 31st of each year.

II.

Water Resources - Reconnaissance Series Report 43 titled Water-Resources Appraisal of the Warm Springs-Lemmon Valley Area, Washoe County, Nevada, was prepared cooperatively by the Geological Survey, U.S. Department of the Interior and the Nevada Department of Conservation and Natural Resources. This report includes a ground-water appraisal of the Antelope Valley Ground-Water Basin.

III.

Hydrologic data and information developed² in report 43 indicates that the estimated perennial yield of the Antelope Valley Ground-Water Basin is approximately 150 acre-feet per year. Perennial yield is defined as the maximum amount of natural discharge that economically can be salvaged over the long term by pumping.

IV.

Applications to appropriate additional underground water within the Antelope Valley Ground-Water Basin have been denied³ by the State Engineer prior to the filing of Application 46517.

¹ Public record in the office of the State Engineer.

² Water Resources - Reconnaissance Series Report 43.

³ Public record in the office of the State Engineer under Applications 30421, 30422 and 30425.

V.

A public hearing⁴ in the matter of Application 46517 was held on September 26, 1983, before the State Engineer.

FINDINGS

I.

Existing certificated and permitted water rights⁵ within the Antelope Valley Ground-Water Basin total approximately 1800 acre-feet.

II.

The estimated perennial yield⁶ of the Antelope Valley Ground-Water Basin is 150 acre-feet per year.

III.

Existing approved appropriations within the Antelope Valley Ground-Water Basin exceed the estimated perennial yield.⁷

CONCLUSIONS

I.

Existing approved appropriations within the Antelope Valley Ground-Water Basin exceed the estimated perennial yield of the basin, therefore, the approval of additional appropriations would adversely affect and tend to impair the value of existing rights and would be detrimental to the public interest and welfare.

⁴ Public record in the office of the State Engineer - Transcript of Hearing.

⁵ Public record in the office of the State Engineer.

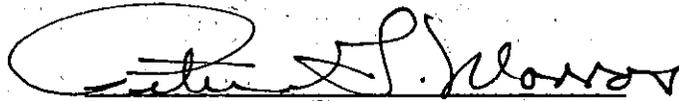
⁶ Water Resources - Reconnaissance Series Report 43.

⁷ Public record in the office of the State Engineer.

RULING

Application 46517 is herewith denied on the grounds that the granting would tend to impair and adversely affect the value of existing rights and would be detrimental to the public interest and welfare.

Respectfully submitted,



Peter G. Morros
State Engineer

PGM/bl

Dated this 16th day of
MARCH, 1984.