

APPLICATION FOR PERMIT TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office AUG 5 1964

Returned to applicant for correction

Corrected application filed

Map filed SEP 17 1964

The applicant NEVADA POWER CO. of LAS VEGAS, County of CLARK

State of NEVADA, hereby make application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) Date of Incorporation February 7, 1929, in the State of Nevada

1. The source of the proposed appropriation is Underground Meadow Valley Wash Name of stream, lake or other source.

2. The amount of water applied for is 3.5 (1570 G.P.M.) second-foot One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet None acre-feet

3. The water to be used for Power Irrigation, power, mining, manufacturing, domestic, or other use.

4. If use is for:

(a) Irrigation (state number of acres to be irrigated)

(b) Stockwater (state number and kinds of animals to be watered)

(c) Other use (describe fully under "No. 11. Remarks")

(d) Power:

(1) Horsepower developed (110,000 Kilowatts) 147,453 Horsepower

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: E 1/2 NE 1/2 SW 1/2 SE 1/2 Sec. 22, T. 14 S.,

R. 66 E., MDB & M, at a point from which the SE section corner of said Section 22

Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land,

bearing South 56°-03'-03" East a distance of 1794.3 feet

it should be stated.

6. Place of use Portion of Section 5, T. 15 S., R. 66 E., MDB & M.

Describe by legal subdivision, if on unsurveyed land it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year. Month Month

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) The well has a 16" casing from grade to

180 feet. It has been perforated from 50 feet to 180 feet. It is planned to

State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits.

set the pump at 100 feet. The proposed pumping plant shall consist of a two

stage pump, utilizing 12" bowls and 10" column driven by a 50 H.P. electric motor which shall include the necessary control panel.

9. Estimated cost of works \$10,000 for cost of well and pumping plant. Cost of 330,000 kilowatt plant 50 million dollars.
10. Estimated time required to construct works 90 days for pumping plant only.
11. Remarks The amount of water applied for from this well No. 5 and well No. 4 (see accompanying application) has been based on the estimated output of one 110,000 kilowatt steam electric generating unit. The figure is conservative, however, it is not possible prior to actual generation to establish the exact requirement. We expect to develop wells 4 & 5 to serve as back up for wells 1, 2 & 3.

Applicant NEVADA POWER CO.

By s/Elmer John (?)

Compared awb/hs

OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed cubic feet per second.

Actual construction work shall begin on or before

Proof of commencement of work shall be filed before

Work must be prosecuted with reasonable diligence and be completed on or before

Proof of completion of work shall be filed before

Application of water to beneficial use shall be made on or before

Proof of the application of water to beneficial use shall be filed on or before

Map in support of proof of beneficial use shall be filed on or before

Commencement of work filed

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No.

Issued

Recorded

Bk.

Page

WITNESS MY HAND AND SEAL this day

of

DEC 14 1966

State Engineer

STATE ENGINEER