APPLICATION FOR PERMIT Serial No. 10128

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of first receipt and filing in State Engineer's office JUN 11 1937
Returned to applicant for correction
Corrected application filed

The undersigned Las Vegas Land and Water Company (Name of applicant) of Las Vegas, County of Clark, State of Nevada, hereby makes 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.) Incorporated May 2, 1905, - Nevada

1. The source of the proposed appropriation is Las Vegas Valley (Name of stream, lake, or other source) Artesian Basin or subterranean channel
2. The amount of water applied for is 2.4138 (One second-foot equals 40 miners' inches) second-feet.
3. The water to be used for Irrigation and domestic (Irrigation, power, mining, manufacturing, domestic, or other use.)
4. The water is to be diverted from its source at the following point: N. 18° West 206 feet from Southeast corner of NE¼ of NE¼ of Sec. 31 (Describe as being within a 40-acre subdivision of public survey, or by course and distance to a section corner. If on unsurveyed land, it should be so stated.) T. 20 S., R. 61 E., M.D.B. & M., Clark County, Nevada.

IF THE WATER IS TO BE USED FOR IRRIGATION, SUPPLY THE FOLLOWING INFORMATION:

(a) Number of acres to be irrigated is 241.38

(b) Description of land to be irrigated NW¼ & N½ NE¼ Sec. 32, N½ N½ Sec. 33, S½ SE¼ Sec. 28; NS½ SW¼ and N½ SE¼ Sec. 27; NW¼ (except NW¼ NW¼ NW¼ and N½ SW¼ and NW¼ NE¼ and S½ of NE¼ and N½ SE¼ Sec. 26; SW¼ NW¼ and N½ SW¼ and SE¼ of Sec. 25, all in Township 20 S., R. 61 E., MD.B. & M., Clark County, Nevada. (Describe by legal subdivision, or if on unsurveyed land it should be so stated and a description provided in accordance with special instruction from the State Engineer when application is returned for correction.)

(c) Use will begin about Jan 1 (Month) and end about Dec. 31 (Month), of each year.

IF WATER IS TO BE USED FOR POWER, MINING, STOCK WATERING, OR OTHER USE, SUPPLY THE FOLLOWING INFORMATION:

(d) Power to be developed is _____ horsepower.

(e) Works to be located _____ (Give 40-acre subdivision on which works will be located, or locate by course and distance to a section-corner.)

(f) Point of return of water to stream Not to be returned. (Describe in same manner as point of diversion.)

(g) State number and kinds of animals to be watered _____

(h) Use will begin about _____ (Month) and end about _____ (Month), of each year.

(i) Remarks: The applicant intends hereby to acquire rights to the use of the water existing in the artesian basin or subterranean channel above mentioned and not merely to the use of the water flowing from the well hereinafter mentioned.

DESCRIPTION OF PROPOSED WORKS

Water will be diverted from said artesian basin by means of an artesian
State manner in which water is to be diverted, whether by dam or other works, whether through pipes, ditches, flumes, or other conduits. If water
well drilled at the point of diversion to a depth of 802 feet, and cased
is to be stored in reservoirs, it should be so stated and the location of the reservoir should be given with reference to the legal subdivisions.
from top to bottom with a 12 inch casing fitted with control valves; thence by means of ditches, pipe line and/or Las Vegas Creek to places of use.

5. Estimated cost of works $7,185.00

6. Estimated time required to construct works Well and pipe line completed prior to Jan. 1, 1937, time required for ditches three years.

7. Remarks For the irrigation of the land in Sections 32 and 33 above
For use of applicant
described, ditches will be made from point of diversion; for irrigation of balance of land, said water will flow through pipe line to Settling Basin and reservoir used for municipal supply, which overflows into Las Vegas Creek, and from Las Vegas Creek to place of use.

Las Vegas Land and Water Company, Applicant.

By Walter R. Bracken
Vice President.

Compared RMG-CT

This sheet inspected

, Engineer.

APPROVAL 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:

This permit is issued subject to all prior rights. A substantial measuring device must be maintained to facilitate the measurement of water. The State reserves the right to regulate the use of the water herein granted at any and all times.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 2.42 cubic feet per second.

Actual construction work shall begin on or before June 1, 1938

Proof of commencement of work shall be filed before July 1, 1938

Work must be prosecuted with reasonable diligence and be completed on or before June 1, 1940

Proof of completion of work shall be filed before July 1, 1940

Application of water to beneficial use shall be made on or before June 1, 1942. Proof of the application of water to beneficial use must be filed with State Engineer on or before July 1, 1942

Map Filed Aug. 9, 1937
Proof of commencement of work filed JAN 29 1938
Proof of completion of work filed JAN 29 1938

WITNESS MY HAND AND SEAL this 29th day of December, 1937

Withdrawn by applicant OCT 28 1943

Alfred Merritt Smith
State Engineer.

By R.R.

Alfred Merritt Smith
State Engineer.

Compared RMG CT

REMARKS

This application is made for the purpose of acquiring rights to the use of the water existing in the subterranean channel or artesian basin above mentioned, and not merely to acquire rights to the use of water flowing from the well hereinabove described.

Under Application No. 7201, this applicant was granted a Certificate of Appropriation (Certificate Record No. 1855, Book 6, page 1855), for 2.3 cubic feet per second from the same source and at the point of diversion, located in the Southwest quarter of the Southwest quarter of Section 29, Township 20, South Range 61, East, M.D.B. & M. At the time of the filing of the Proof of Application of Water to Beneficial Use under said Permit 7201, the amount of water flowing at said point of diversion was 6.68 c.f.s., the total amount of which flow was appropriated under applications No. 7200, 7201, and 7202.

That the flow of the well at the point of diversion described in Permit 7201 has diminished so that the flow at the present time is approximately 2,560,000 gallons per day, or less than 4 c.f.s.

In Application 7201, the amount of water applied for was based upon an estimated requirement of 200 gallons per person per day. The actual consumption during the year 1936 for municipal purposes, based upon meter readings, was 118,537,577 cubic feet, or an average of 324,815 cubic feet per day, or a total of 3.759 cubic feet per second, and this consumption based upon an estimated population of 7500 required 324 gallons per person per day. The present population of the City of Las Vegas proper is estimated at 8000, and the future requirements will be for an estimated population of 10,000. Owing to the warm climate and the large amount of water required for lawns, trees, shrubbery, etc., an average of 324 gallons per person per day is required, but the daily requirements will fluctuate according to seasons. The amount here applied for, to-wit, 2.70 c.f.s. is for the purpose of supplying the requirements for municipal purposes in addition to the amount appropriated pursuant to Certificate 7201.

The distributing system consisting of settling basin, 2,500,000 gallon concrete reservoir, pipe lines from reservoir to City of Las Vegas, and other pipe lines and laterals, are described in the Proof of Application filed under Permit 7201, and the only additional new works under this application are the artesian well, casing, control valves and pipe line from artesian well to settling basin, described in this application, under the heading "Description of Proposed Works", all of which were completed prior to January 1, 1937.