

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

Date of filing in State Engineer's Office JUL 3 1978
Returned to applicant for correction AUG 10 1978
Corrected application filed AUG 24 1978
Map filed AUG 24 1978

The applicant Nevada Properties
2707 South Virginia Street, of Reno
Nevada 89509, hereby make s 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.) A general partnership formed June 17, 1976, Calvin E. Kinney Jr.; Natale Carasali; William Paganetti

- 1. The source of the proposed appropriation is underground (geothermal)
2. The amount of water applied for is 1 cfs second-foot
3. The water to be used for commercial and domestic
4. If use is for: (a) Irrigation (state number of acres to be irrigated)
5. The water is to be diverted from its source at the following point: NW 1/4, SW 1/4 sec. 24, T19N, R19E, MDB&M or at a point from which the S 1/4 corner of said sec. 24 bears South 28° 30' 09" East, a distance of 2579.31 feet.
6. Place of use portions of NE 1/4 SW 1/4 and NW 1/4 SW 1/4 sec. 24, T19N, R19E, MDB&M.
7. Use will begin about January 1 and end about December 31, of each year.
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.) drilled well, pump, motor, distribution system

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

- 9. Estimated cost of works \$10,000
- 10. Estimated time required to construct works 2 years
- 11. Estimated time required to complete the application to beneficial use 7 years
- 12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

..... All correspondence to applicant with copy to agent.

..... See exhibit "A"

Applicant.....

By s/ Eugene B. Longfield, Agent
137 Vassar St.
Reno, Nev. 89502

Compared lp/bl ja/dr

..... 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 existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

..... There are to be no perforations in the well for at least the first 200 feet. The well is to be cemented from at least the 200 foot level to the surface to protect fresh water zones.

..... This permit is further issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

..... The used geothermal fluids are to be returned to the source.

..... The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.0 cubic feet per second, but not to exceed a total of 11.442 million gallons annually from Permits 35585, 35586, and 35587 combined.

..... Actual construction work shall begin on or before June 28, 1980

..... Proof of commencement of work shall be filed before July 28, 1980

..... Work must be prosecuted with reasonable diligence and be completed on or before June 28, 1981

..... Proof of completion of work shall be filed before July 28, 1981

..... Application of water to beneficial use shall be made on or before June 28, 1984

..... Proof of the application of water to beneficial use shall be filed on or before July 28, 1984

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

Commencement of work filed. AUG 25 1980
 Completion of work filed. AUG 25 1980
 Proof of beneficial use filed.....
 Cultural map filed.....
 Certificate No..... Issued.....
 Recorded..... Bk..... Page.....
 County Recorder

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN
State Engineer of Nevada, have hereunto set my hand and the seal of
my office, this 28th day of DECEMBER

A.D. 19 79
William J. Newman
State Engineer

Exhibit "A"

The total combined annual consumptive use under application 35585, 35586, 35587 is as follows:

1. Hot water showers only in 412 motel units at 70 gal/day/unit

Annual Consumptive Use - 10.6 mga

2. Two Olympic size swimming pools with a 0.66 ft. annual evaporation plus one annual filling of the two pools

Annual Consumptive Use - 0.842 mga

3. All heating will be done with hot water from these wells and the water returned to the source. It is not anticipated that there will be any consumption of water in this process

Total combined Annual Consumptive Use - 11.442 million gallons

AMENDED APPLICATION FOR PERMIT

TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA

Date of filing in State Engineer's Office JUL 3 1978

Returned to applicant for correction AUG 10 1978

Corrected application filed AUG 24 1978

Map filed AUG 24 1978 under 35585

The applicant Nevada Properties
2707 South Virginia Street, of Reno
Nevada 89509, hereby make S. 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.) A general partnership formed June 17, 1976, Calvin E. Kinney Jr.; Natale Carasali; William Paganetti

1. The source of the proposed appropriation is underground (Geothermal)
Name of stream, lake or other source.

2. The amount of water applied for is 1 c.f.s. second-foot
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet acre-feet

3. The water to be used for commercial and domestic
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. 12. Remarks")

(d) Power:
(1) Horsepower developed

(2) Point of return of water to stream

5. The water is to be diverted from its source at the following point: NW 1/4, SW 1/4 Sec. 24 - T 19 N - R 19 E - M.D.B.&M. or at a point from which the S 1/4 corner of said Sec. 24 bears South 28°30'09" East, a distance of 2579.31 feet.

6. Place of use portions of NE 1/4 SW 1/4 and NW 1/4 SW 1/4, Sec. 24, T.19N., R.19E., M.D.B.&M.

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

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.) drilled well, pump, motor, distribution system

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

- 9. Estimated cost of works.....\$10,000.....
- 10. Estimated time required to construct works.....2 years.....
- 11. Estimated time required to complete the application to beneficial use.....7 years.....
- 12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use.

All correspondence to applicant with copy to agent.
 See Exhibit "A"

Applicant.....
 By s/Eugene B. Longfield Agent
 137 Vassar St.
 Reno, Nev. 89502
 Compared ja/ha ja/ha

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 existing rights. It is understood that the amount of water herein granted is only a temporary allowance and that the final water right obtained under this permit will be dependent upon the amount of water actually placed to beneficial use. It is also understood that this right must allow for a reasonable lowering of the static water level. If the well is flowing, a valve must be installed and maintained to prevent waste. Accurate measurements must be kept of water placed to beneficial use. This source is located within an area designated by the State Engineer, pursuant to NRS 534.030. The State retains the right to regulate the use of the water herein granted at any and all times.

There are to be no perforations in the well for at least the first 200 feet. This permit is further issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes only and fresh, cold water aquifers are not to be diverted.

This amended permit is issued for the purposes of increasing the annual duty, to eliminate the required cementation of the casing to at least 200 feet, and to omit the requirement that all geothermal fluids be returned to the source.

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to exceed 1.0 cubic feet per second, but not to exceed a total of 75.0 million gallons annually from Permits 35585, 35586, and 35587 combined.

- Actual construction work shall begin on or before June 28, 1980
- Proof of commencement of work shall be filed before July 28, 1980
- Work must be prosecuted with reasonable diligence and be completed on or before June 28, 1981
- Proof of completion of work shall be filed before July 28, 1981
- Application of water to beneficial use shall be made on or before June 28, 1984
- Proof of the application of water to beneficial use shall be filed on or before July 28, 1984
- Map in support of proof of beneficial use shall be filed on or before.....

Commencement of work filed AUG 25 1980
 Completion of work filed AUG 25 1980
 Proof of beneficial use filed AUG 21 1985
 Cultural map filed.....
 Certificate No. 11256 Issued NOV 5 1985
 Recorded Bk. 38 Page.....
 County Recorder

IN TESTIMONY WHEREOF, I WILLIAM J. NEWMAN
 State Engineer of Nevada, have hereunto set my hand and the seal of
 my office, this 21st day of FEBRUARY
 A.D. 19 80
 William J. Newman
 State Engineer

EXHIBIT "A"

The total combined annual consumptive use under Applications 35585, 35586, 35587 is as follows:

1. Hot water showers only in 412 motel units at 70 gal/day/unit

Annual Consumptive Use = 10.6 MGA

2. Two olympic size swimming pools with a 0.66 ft. annual evaporation plus one annual filling of the two pools.

Annual Consumptive Use = 0.842 MGA

3. All heating will be done with hot water from these wells and the water returned to the source. It is not anticipated that there will be any consumption of water in this process.

∴ Total Combined Annual Consumptive Use = 11.442 Million Gallons