

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

Date of filing in State Engineer's Office..... JUN 15 1987

Returned to applicant for correction.....

Corrected application filed.....

Map filed..... JUN 15 1987

The applicant United States Department of the Interior, Bureau of Reclamation  
P.O. Box 427, of Boulder City,  
Street and No. or P.O. Box No. City or Town  
Nevada 89005, hereby make application for permission to appropriate the public  
State and Zip Code No.

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.) The Bureau of Reclamation is an agency of the Federal Government.

1. The source of the proposed appropriation is Lower Virgin River Valley Ground-Water  
Name of stream, lake, spring, underground or other source  
Aquifer: SW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 5, T. 15 S., R. 69 E., M.D.B.M.

2. The amount of water applied for is (1000 gpm) 2.228 second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet Not Applicable

3. The water to be used for Exploration and Evaluation of Hydrogeologic Properties of the Virgin River Valley Aquifer (see description of this project  
Irrigation, power, mining, manufacturing, domestic or other use. Must limit to one use.

4. If use is for: on pp. 3-4.

(a) Irrigation, state number of acres to be irrigated N.A.

(b) Stockwater, state number and kinds of animals to be watered N.A.

(c) Other use (describe fully under "No. 12. Remarks") Exploration and Evaluation of Aquifer

(d) Power:

(1) Horsepower developed N.A.

(2) Point of return of water to stream N.A.

5. The water is to be diverted from its source at the following point Pumped well VR-4 is located in the SW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec.5., T. 15 S., R. 69 E., M.D.B.M. at a point N. 74° 50' E. 6630 feet from point I-292A in an unsurveyed area of OVERTON NE QUADRANGLE, NEVADA - CLARK COUNTY, 7.5-MINUTE SERIES.  
Describe as being within a 40-acre subdivision of public survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.

6. Place of use Water pumped from the test well VR-4 will be returned to the Virgin River Channel as shown on the inset of the accompanying map in SW $\frac{1}{4}$ NW $\frac{1}{4}$ , sec. 5., T. 15 S., R. 69 E., M.D.B.M.  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 01 and end about December 31, of each year.  
Month and Day Month and Day

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.) 10-inch drilled test well with slotted PVC casing, five monitoring wells, and thin-walled, temporary pipe-line to discharge in the nearby river channel.  
State manner in which water is to be diverted, i.e. diversion structure, ditches and flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$25,000

10. Estimated time required to construct works..... Drilled test well VR-4 could be completed by  
If well completed, describe works.  
June 30, 1988 (about one year).

11. Estimated time required to complete the application of water to beneficial use Testing and monitoring of  
the aquifer may extend for a maximum of five years.

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual  
consumptive use.

A. There will be no consumptive use during exploration of the aquifer  
as the pumped water will be returned to the river channel.

B. Waivers of certain well construction regulations to facilitate  
exploration of the Virgin River Valley Fill Aquifer are identified  
in Dick L. Williford's correspondence to Frank Di Sanza, Bureau  
of Reclamation, dated January 6, 1987 (copy attached, pp. 5-6).

s/Dwight L. Sawyer, Jr.

By Dwight L. Sawyer, Jr., Agent  
State Water-Right Surveyor #781  
Bureau of Reclamation, P.O. Box 427  
Boulder City, Nevada 89005

Compared..... jm/se

Protested.....

.....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.....

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

Proof of completion of work shall be filed on or 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.....

Completion of work filed..... IN TESTIMONY WHEREOF, I.....

Proof of beneficial use filed..... State Engineer of Nevada, have hereunto set my hand and the seal of my

Cultural map filed..... office, this.....day of.....

Certificate No..... Issued..... A.D. 19.....

State Engineer

WITHDRAWN BY APPLICANT  
MAR 25 1996  
[Signature]  
STATE ENGINEER