

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

THIS SPACE FOR OFFICE USE ONLY
Date of filing in State Engineer's Office MAY 24 2007
Returned to applicant for correction
Corrected application filed Map filed MAY 24 2007

The applicant, Cave Valley Ranch, LLC, 1932 Ivy Point Lane of Las Vegas, Nevada, 89134, hereby makes application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated.

Is applicant a U.S. citizen? [X] Yes [] No. The individual applicants are U.S. citizens.

Is applicant 21 years of age or older? Yes [X] No []. The individual applicants are 21 years of age or older.

NRS 533.325 requires that applicant be a citizen of the United State or have legally declared their intention to become a citizen, and that they be 21 years of age or older.

- 1. The source of the proposed appropriation is an existing underground well (hereinafter referred to as the Homestead Well).
2. The amount of water applied for is 0.01 second feet (2.63 MGA).
(a) If stored in reservoir give number of acre-feet: N/A
3. The water to be used for a quasi municipal purpose.
4. If use is for:
(a) Irrigation, state number of acres to be irrigated: N/A
(b) Stockwater, state number and kind of animals: N/A
(c) Other use (describe fully "No. 12. Remarks"): Quasi municipal use.
(d) Power: N/A
(1) Horse Power developed
(2) Point of return of water to stream
5. The water is to be diverted from its source at the following point: SE 1/4 SE 1/4 Section 5, T.9N., R.64E. M.D.B. & M. or at a point from which the N 1/4 corner Section 5, T.9N., R.64E. M.D.B. & M. bears N.25 09'00"W. 5511.24 feet. Reference is also made to the Map filed simultaneously with this application for Quasi Municipal, Stockwater & Irrigation Use.
6. Place of use: within the SE 1/4 SE 1/4 Section 5, T.9N., R.64E., M.D.B. & M.; SW 1/4 SW 1/4 Section 4, T.9N., R.64E., M.D.B. & M.; NE 1/4 NE 1/4 Section 8, T.9N., R.64E., M.D.B. & M. Reference is also made to the Map filed simultaneously with this application for Quasi Municipal, Stockwater & Irrigation Use.
7. Use will begin about January 1 and end about December 31 of each year.

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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.):

- (a) Homestead Well: The Homestead Well is 748' deep with an 8 5/8" casing from +2' to 495' and a 6 5/8" casing from 488' to 748.' Factory perforations of 3/32" x 3" from 135 'to 495' and 508' to 748.' The cement grout seal is at 100' and is gravel packed from 100' to 195.' See Well Driller's Report on file for additional information.
- (b) Pump System: 7.5 hp Goulds 33GS submersible pump at 40 gpm@400'@40psi with 2" PVC drop pipe.
- (c) Storage tanks: Two 119 gallon PC366 tanks. One tank is located in the pump house and one tank is located in the main ranch house.
- (d) Distribution system: The distribution system consists of 150' of 2" water service pipe running approximately south from the well head to the pump house pad (20' x 50'). From the pump house pad running approximately east to the ranch manager's house (30' x 70') is approximately 250' of 1" PEX water line. From the previously described line is a tee with a 1" PEX water line continuing approximately 1,200' south to an existing water line at the main ranch house (40' x 120'). From the previously described line is a tee with a 1" PEX water line running approximately 300' west to the corrals and stock pens with service to three (3) 60" anti freeze hose bibs, one located south of the workshop (50' x 75'), one located on the east side of the stock pens, and one located on the west side of the stock pens. From the previously described line is a tee with a 1" PEX water line running approximately 50' north to the workshop (50' x 75'). From one of the above described lines will be a 1" PEX water line running approximately 300' to the proposed barn which will be located approximately 500' south of the workshop. A site plan of existing improvements is enclosed. Reference is also made to the Map filed simultaneously with this application for Quasi Municipal, Stockwater & Irrigation Use.

9. Estimated cost of works:

- (a) The actual cost of the Homestead Well was \$60,472.18.
- (b) The actual cost of the pump system and the 2" water service line from the well head to the pump house was \$25,985.65.
- (c) The water distribution system to the ranch manager's home, the main ranch house, and the workshop, including all labor and materials, was part of a project to install both electrical power lines from remote generators, water lines from the Homestead Well for quasi municipal use, and water lines from the Homestead Reservoir for fire protection, to the places of use set forth in Section 8(d), above, with the exception of the proposed barn. The cost of the entire project was \$25,000.
- (d) The distribution system to the proposed barn, including all labor and materials, is estimated to cost \$3,000.

10. Estimated time required to construct works:

- (a) The Homestead Well has been completed.
- (b) The pump system and the water service line have been completed.
- (c) The distribution system, from the pump house to the places of use as described in 8(d), above, with the exception of the proposed barn, have been completed except for final connection to the system.
- (d) The distribution system from the existing 1" PEX water line to the proposed barn will be completed within five (5) years of approval of this application.

11. Estimated time required to complete the application of water to beneficial use: Application of water to beneficial use as to the ranch manager's home, an existing domestic use, has been completed. Application to beneficial use as to the main ranch

house and the workshop will be completed upon approval of this application and attachment to the system. As to the proposed barn, application of water to beneficial use shall be completed within five (5) 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) The Homestead Well currently serves the manufactured home that houses the ranch manager and family of the Cave Valley Ranch. The manufactured home is a three bedroom, two bath, 1800 square foot home. It is estimated that consumptive use for the ranch manager's home will not exceed 1800 gallons per day for domestic purposes on a regular basis for four to six persons.
- (b) It is proposed that the Homestead Well also serve the main ranch house which is used periodically by the applicants, family, and friends. The main ranch house is a six bedroom, four bath, 3500 square foot home. It is estimated that consumptive use for the main ranch house will not exceed 1800 gallons per day for domestic purposes on a regular basis for four to eight persons.
- (c) It is also proposed that the Homestead Well also serve the workshop which will have a one room living quarters and bath room for temporary employees and contractors. It is estimated that consumptive use for the workshop will not exceed 1800 gallons per day for domestic purposes on a regular basis for one to two persons.
- (d) It is also proposed that the Homestead Well also serve the proposed barn (for uses other than stockwater) which will include a bathroom, sink, and general use water. It is estimated that consumptive use for the barn will not exceed 1800 gallons per day for domestic purposes on a regular basis for one person.

TELEPHONE NUMBER

(702) 401-1848

By Michael K. McBeath, LLC Manager
Signature, applicant or agent

Michael K. McBeath, LLC Manager
Cave Valley Ranch, LLC
1932 Ivy Point Lane
Las Vegas, Nevada 89134

APPLICATION MUST BE SIGNED BY THE APPLICANT OR AGENT

Date MAY 21, 2007

STATE ENGINEERING OFFICE
2007 MAY 24 PM 1:14

\$250 FILING FEE MUST ACCOMPANY APPLICATION