

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 40006

1. OWNER Cherry Creek Water District ADDRESS AT WELL LOCATION 1/2 mile north of Cherry Creek
 MAILING ADDRESS HC 33, Box 33810
Ely, Nevada 89301
 2. LOCATION SW 1/4 NE 1/4 Sec 31 T 24 N 63 E White Pine County
 PERMIT NO. V04694 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED
 New Well Replace Recondition
 Deepen Abandon Other
 4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Monitor Stock
 5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|--|--------------|------|-----|-----------|
| Alluvium | | 0 | 10 | 10 |
| Altered Quartz Monzonite | | 10 | 35 | 25 |
| Fractured Altered Quartz Monzonite | x | 35 | 90 | 55 |
| Fractured Altered White Quartz Monzonite | x | 90 | 185 | 95 |
| Notable Water | | 155 | 160 | 5 |

8. WELL CONSTRUCTION
 Depth Drilled 200 Feet Depth Cased 185 Feet
 HOLE DIAMETER (BIT SIZE)
 From 0 To 40 Feet
 12 1/2 Inches 0 Feet 40 Feet
 10 Inches 40 Feet 185 Feet
 Inches Feet Feet
 CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 6 5/8 | 12.92 | .188 | 0 | 185 |

Perforations:
 Type perforation Factory
 Size perforation 1/8" x 2 1/2" 6 rows
 From 40 feet to 185 feet
 From feet to feet
 From feet to feet
 From feet to feet
 From feet to feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal 35 - 40 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured See attached letter Concrete Grout
 Gravel Packed: Yes No
 From 40 feet to 185 feet

9. WATER LEVEL
 Static water level feet below land surface
 Artesian flow 10 G.P.M. @ 34'
 Water temperature Cold °F Quality Good

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Christiansen Drilling, Inc. Contractor
 Address 557 Ely Avenue Contractor
Ely, NV 89301
 Nevada contractor's license number issued by the State Contractor's Board 14790
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1793
 Signed Rich Lewis By Arnold D. Christiansen
 By driller performing actual drilling on site or contractor
 Date December 2, 1999

Date started October 2, 1999
 Date completed November 20, 1999

7. WELL TEST DATA

| TEST METHOD: | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|-----------|-------------------------------|--------------|
| <input type="checkbox"/> Bailer <input checked="" type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift | | | |
| <u>1 1/2 H.P. Sub Pump set @ 159 ft.</u> | <u>20</u> | <u>116</u> | <u>4</u> |
| <u>Air Test</u> | <u>30</u> | <u>146</u> | <u>1</u> |

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 99 DEC -9 11:10:48
 STATE ENGINEERING OFFICE

CHRISTIANSEN DRILLING, INC.

557 ELY AVENUE, ELY, NEVADA 89301
CONT. LICENSE #0014789-GEN. ENGR. (702) 289-3145
CONT. LICENSE #0014790 - WELLS & PUMPS

November 18, 1999

Mr. Tim Wilson
Nevada Division of Water Resources
123 W. Nye Lane
Carson City, NV 89706-9440

RE: Waiver request for a 40 foot cement seal, 6" Quasi - Municipal water well, SW ¼ NE ¼, Sec.31, T24N, R63E, Permit No. V04694. Copy of intent card No. 40006 enclosed.

Dear Tim,

I am submitting this waiver request on behalf of Ray Bick, owner of the Cherry Creek Water district.

To give you some background on the present water supply and what we have done to present, is as follows: The present water supply (2 to 3 G.P.M) comes from an old mine tunnel approx. ½ mile above the town of cherry Creek and is piped to two above ground fiberglass storage tanks midway between the tunnel and Cherry Creek. The tunnel is in a quartz monzonite formation approximately 200 feet in length with water seeps appearing along the tunnel floor.

The water is collected at the mouth of the tunnel in an 8 inch cement burm and is then piped to the storage tanks.

We set a RC rig on surface and drilled a vertical 5 ½" pilot hole down 30 feet entering the back of the tunnel. Drilling proceeded to 180 feet increasing free flow in the tunnel to approximately 15 G.P.M.; at 200 feet a formation change was encountered, losing our free flow. We then enlarged the hole diameter from surface to 12 ¼ inch to 40 feet (5 feet below tunnel floor) and set 10 inch conductor casing. We then enlarged the hole diameter to 10 inches from 40 feet to 185 feet and set 6 5/8 inch casing (details described in well log). Cementing procedure is planned as follows: From 40 feet to 35 feet (bottom of tunnel floor), from top of tunnel to surface. (30 feet). Conductor casing to be removed as cement is being poured.

A 2 inch free flow line and valve were installed at 34 feet in the 6 inch casing along with 1 ¼" pitless adapter for submersible pump installation. The well flows at approximately 10 G.P.M. and pumps at 20 G.P.M.

If you have any questions on above referenced project please advise.

Sincerely,



Jerrold D. Christiansen

JDC/bl