

Dual Completion

STATE OF NEVADA
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY
 Log No. 71362
 Permit No. 101
 Basin 101

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. 38090

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION 2055 Schurz Highway
 MAILING ADDRESS 333 W. Nye Lane UNR Agricultural Research Station
Carson City, NV 89706 Fallon, NV
 2. LOCATION NW 1/4 SW 1/4 NW 1/4 Sec. 6 T. 18 N/S R. 29 E Churchill County
 PERMIT NO. 006-691-01
 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 | Thick-ness |
|------------------------------|--------------|------|-----|------------|
| Sand and clay | x | 0 | 21 | 21 |
| black reducing clay and sand | x | 21 | 79 | 58 |
| alternating sand and clay | x | 79 | 600 | 521 |
| basaltic sand and gravel | x | 600 | 610 | 10 |
| sand and gray clay | x | 610 | 650 | 40 |

8. WELL CONSTRUCTION
 Depth Drilled 650 Feet Depth Cased 620 Feet
 HOLE DIAMETER (BIT SIZE)
 From To
8 1/2 Inches 0 Feet 650 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet
 CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|------------|
| <u>2.0</u> | <u>PVC</u> | <u>Sched. 40</u> | <u>0</u> | <u>620</u> |
| <u>2.0</u> | <u>PVC</u> | <u>Sched. 40</u> | <u>0</u> | <u>470</u> |

Perforations:
 Type perforation Machine slot
 Size perforation 0.02
 From 460 feet to 470 feet
 From 600 feet to 620 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal 0-432, 489-587, 641-650 Neat Cement
 Cement Grout
 Placement Method: Pumped Concrete Grout
 Poured Bentonite grout
 Gravel Packed: Yes No
 From 432 feet to 498 feet

Date started 2/23, 1998
 Date completed 2/26, 1998

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---------|------------|-------------------------------|--------------|
| Shallow | <u>2.9</u> | <u>1.18</u> | <u>2</u> |
| Deep | <u>2.9</u> | <u>0.1</u> | <u>2</u> |

9. WATER LEVEL Deep-43.2'
 Static water level shallow-40.7 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature 21 °F/C Quality _____

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Douglas K. Maurer Contractor
 Address U.S. Geological Survey Contractor
333 w. Nye Lane Carson City, NV
 Nevada contractor's license number issued by the State Contractor's Board _____
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller FP-1522
 Signed Douglas K. Maurer
 By driller performing actual drilling on site or contractor
 Date 3/24/98