

WHITE-DIVISION OF WATER RESOURCES  
CANARY-CLIENT'S COPY  
PINK-WELL DRILLER'S COPY

Well B-4

STATE OF NEVADA  
DIVISION OF WATER RESOURCES

OFFICE USE ONLY

Log No. ~~1432~~ 71342

Permit No. 101

Basin \_\_\_\_\_

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. 38091

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION 0.4 mi. north of Reservoir Road, 0.1 mi. west of S-Line Reservoir, Fallon NV

MAILING ADDRESS 333 W. Nye Lane Carson City, NV 89706

2. LOCATION SE 1/4 NE 1/4 NW 1/4 Sec 28 T 19 N/S R 29 E Churchill County

PERMIT NO. 007-611-01 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	Thickness
Sand and gravel		0	10	10
Brown clay		10	29	19
Sand, silt, and clay	x	29	59	30
Black reducing clay		59	69	10
Sand	x	69	74	5
Gray clay and sand	x	74	94	20
Sand and gravel	x	94	110	16
Brown clay		110	139	29
Green clay		139	179	40
Gray clay		179	210	31
Basalt	X	210	219	9

8. WELL CONSTRUCTION

Depth Drilled 219 Feet Depth Cased 219 Feet

HOLE DIAMETER (BIT SIZE)

From \_\_\_\_\_ To \_\_\_\_\_

8 1/2 Inches 0 Feet 219 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>115</u>
<del>2.0</del>	<del>PVC</del>	<del>Sched. 40</del>	<del>0</del>	<del>219</del>

Perforations:

Type perforation Machine slot

Size perforation 0.02

From 100 feet to 110 feet

From ~~215~~ feet to ~~219~~ feet

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout

Depth of Seal ~~215~~ 124-200

Placement Method:  Pumped  Poured  Bentonite grout

Gravel Packed:  Yes  No

From ~~215~~ 90 feet to 124 feet

9. WATER LEVEL ~~215~~

Static water level shallow-28.6 feet below land surface

Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water temperature 17 °F C Quality \_\_\_\_\_

Date started 3/9 1998

Date completed 3/10 1998

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Shallow	<u>3.2</u>	<u>0.99</u>	<u>2</u>
<del>Deep</del>	<del>2.5</del>	<del>0.01</del>	<del>2</del>

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 89706

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 EP-1522

Signed Douglas K. Maurer

By driller performing actual drilling on site or contractor

Date 3/24/98