

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. 38094

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION 1/2 mile W. of intersection
MAILING ADDRESS 333 W. Nye Lane of Crook and Stark Roads
Carson City, NV 89706

2. LOCATION SW 1/4 SW 1/4 NW 1/4 Sec. 33 T. 19 N/S R. 29 E Churchill County
 PERMIT NO. 007-851-06 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 |
|---|--------------|------|-----|-----------|
| coarse sand and silt | | 0 | 10 | 10 |
| tan clay | | 10 | 29 | 19 |
| coarse sand | | 29 | 36 | 7 |
| Black clay | | 36 | 62 | 26 |
| coarse sand & gravel | | 62 | 81 | 19 |
| sand alternating with thin clay layers | | 81 | 130 | 49 |
| stiff brown clay with minor sand | | 130 | 190 | 60 |
| sand alternating with clay layers | | 190 | 250 | 60 |
| gray-green clay | | 250 | 295 | 45 |
| clean coarse sand | | 295 | 315 | 20 |
| gray green clay with sandy layers 360-370 and 440-450 | | 315 | 480 | 165 |
| basaltic sand and gravel | | 480 | 491 | 11 |
| basalt | | 491 | | |

8. WELL CONSTRUCTION
 Depth Drilled 491 Feet Depth Cased 491 Feet

HOLE DIAMETER (BIT SIZE)
 From To
8 1/2 Inches 0 Feet 491 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 2 | | Sched. 40 | 0 | 491 |
| 2 | | Sched. 40 | 0 | 315 |

Perforations:
 Type perforation Machine slot
 Size perforation .02
 From 481 feet to 491 feet
 From 300 feet to 310 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0-287 and 318-470 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Bentonite grout
 Gravel Packed: Yes No
 From 470-491 feet ix and 287-318 feet

9. WATER LEVEL
 Static water level deep-40 shallow-37 feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature 60.1 °F Quality _____

Date started 8/8/1998
 Date completed 8/11/1998

7. WELL TEST DATA

TEST METHOD: Bailor Pump Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|--------------|--------|-------------------------------|--------------|
| deep well | 25 | -- | 2 |
| shallow well | 25 | -- | 2 |

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 - USGS Contractor
 Address 333 W. Nye Land Carson City, NV Contractor
 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 8/20/98

Plat Map

