

**WELL DRILLER'S REPORT**

Please complete this form in its entirety

PRINT OR TYPE ONLY

Kings-1

NOTICE OF INTENT NO. \_\_\_\_\_

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION near Quill plant  
 MAILING ADDRESS 333 W. Nye Lane  
Carson City, NV 89706

2. LOCATION se/NE 1/4 SW 1/4 Sec. 13 T. 15 N/S R. 19 E. Carson City County  
 PERMIT NOM/0-809 Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK  
 New Well  Recondition   
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test   
 Municipal  Industrial  Stock

5. TYPE WELL  
 Cable  Rotary   
 Other

6. LITHOLOGIC LOG

| Material   | Water Strata | From | To  | Thick-ness |
|--|--------------|------|-----|------------|
| Coarse granitic and metamorphic sand and gravel                                      |              | 0    | 28  | 28         |
| Sand, gravel, and clay alternating metamorphic rock and yellow-brown olive-gray clay | x            | 28   | 199 | 171        |
| metamorphic rock and clay  | x            | 199  | 239 | 40         |
| metamorphic rock   | x            | 239  | 243 | 4          |
|  | x            | 243  | 250 | 7          |
|  | x            | 250  | 255 | 5          |

8. WELL CONSTRUCTION  
 Diameter 7 7/8 inches Total depth 255 feet  
 \_\_\_\_\_ inches  
 \_\_\_\_\_ inches  
 Casing record PVC - 2 strings  
 Weight per foot \_\_\_\_\_ Thickness Sched. 40

| Diameter              | From       | To         |
|-----------------------|------------|------------|
| <u>46049</u> 2 inches | 190 feet   | 0 feet     |
| <u>46048</u> 2 inches | 108 feet   | 0 feet     |
| _____ inches          | _____ feet | _____ feet |
| _____ inches          | _____ feet | _____ feet |
| _____ inches          | _____ feet | _____ feet |
| _____ inches          | _____ feet | _____ feet |

Surface seal: Yes  No  Type hole plug/grout/cement  
 Depth of seal grout 85 to 5', cement to 0 feet  
 Gravel packed: Yes  No  hole plug 255 to 190',  
 Gravel packed from 190 to 170 feet to 170 to 108',  
108 to 86'.

Perforations:  
 Type perforation factory slot  
 Size perforation .02  
 From 185 feet to 175 feet  
 From 103 feet to 93 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Date started 8/7/94, 19\_\_\_\_  
 Date completed 8/8/94, 19\_\_\_\_

9. WATER LEVEL  
 Static water level upper 60, lower 57 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature cold °F Quality \_\_\_\_\_

7. WELL TEST DATA

air lift

| Pump RPM          | G.P.M.     | Draw Down | After Hours Pump |
|-------------------|------------|-----------|------------------|
| <u>upper tube</u> | <u>1.3</u> | <u>36</u> | <u>1</u>         |
| <u>lower tube</u> | <u>3.0</u> | <u>3</u>  | <u>3</u>         |

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name U.S. Geological Survey Contractor  
 Address 333 W. Nye Lane Carson City, NV Contractor  
 Nevada contractor's license number issued by the State Contractor's Board \_\_\_\_\_  
 Nevada contractor's driller's number issued by the Division of Water Resources \_\_\_\_\_  
 Nevada driller's license number issued by the Division of Water Resources the on-site driller FP 1552  
 Signed James H. Mann  
 By driller performing actual drilling on site or contractor  
 Date 8/29/94

BAILER TEST

G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours