

1/4 wells

STATE OF NEVADA  
DIVISION OF WATER RESOURCES  
WELL DRILLER'S REPORT

OFFICE USE ONLY  
Log No. 117357  
Permit No. \_\_\_\_\_  
Basin 083

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 67199

1. OWNER **William Hanson**  
MAILING ADDRESS **2830 Goldfield Rd  
Reno-VCH, NV 89521**

ADDRESS AT WELL LOCATION **2830 Goldfield Rd  
Reno-VCH, NV 89521**  
Subdivision Name: \_\_\_\_\_ County: **Storey**

2. LOCATION **SW 1/4 NE 1/4 Sec 28 T18N R21E**  
PERMIT/WAIVER NO. **003-351-43**  
Issued by Water Resources Parcel No. \_\_\_\_\_

Latitude **N39,24009** UTM E \_\_\_\_\_ NAD 27   
Longitude **W119,37640** N \_\_\_\_\_  NAD 83/WGS 84

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other **Geo-Loops**

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 |
|---------------------------|--------------|------|-----|------------|
| Top Soil                  |              | 0    | 1   | 1          |
| Reddish Brown Sandy Clays |              | 1    | 41  | 40         |
| Soft Zone                 |              | 41   | 46  | 5          |
| Reddish Brown Sandy Clays |              | 46   | 66  | 20         |
| Purple Sandy Clays        |              | 66   | 124 | 58         |
| Reddish Brown Sandy Clays |              | 124  | 158 | 34         |
| Brown Volcanic Rock       |              | 158  | 198 | 40         |
| Brown Sandy Clays         |              | 198  | 248 | 50         |
| Softer Volcanic Rock      |              | 248  | 258 | 10         |
| Soft Zone                 |              | 258  | 260 | 2          |
| Brown Volcanic            |              | 260  | 301 | 41         |

9. WELL CONSTRUCTION  
Depth Drilled **301** Feet Depth Cased **301** Feet

HOLE DIAMETER (BIT SIZE)  
From \_\_\_\_\_ To \_\_\_\_\_  
**6 1/8** Inches **0** Feet **301** Feet  
Inches Feet Feet  
Inches Feet Feet

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet)  |
|--------------------|---------------------|-------------------------|-------------|------------|
| <b>1"</b>          | <b>POLY</b>         | <b>GEO-Loops</b>        | <b>+5</b>   | <b>301</b> |

Perforations:  
Type of perforation **NONE**  
Size of perforation \_\_\_\_\_  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No  
 Neat Cement \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Cement Grout **0** to **301**  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Gravel Pack:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_  
Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
Type: \_\_\_\_\_

Well # **4**  
Installed **1" HDPE Heat Loops**  
Pressure grouted well from  
bottom to top with  
**12 bgs of sand**  
**50 bgs of High TC Grout**

Date started: **1-16, 20 12**  
Date completed: **1-17, 20 12**

7. Water Level  
Static water level: \_\_\_\_\_ feet below land surface  
Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
Water Temperature: \_\_\_\_\_ °F  
Quality: **not tested**

8. WELL TEST DATA

| TEST METHOD:<br>G.P.M. | <input type="checkbox"/> Bailer<br>Draw Down<br>(Feet Below Static) | <input type="checkbox"/> Pump<br>Time (Hours) | <input type="checkbox"/> Air Lift |
|------------------------|---|---|-----------------------------------|
|                        |   |   |                                   |
|                        |   |   |                                   |
|                        |   |   |                                   |
|                        |   |   |                                   |
|                        |   |   |                                   |
|                        |   |   |                                   |

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name **Bruce MacKay Pump & Well Service, Inc.**  
(CONTRACTOR)  
Address **1600 Mt. Rose Hwy**  
(CONTRACTOR)  
**Reno, NV 89511**  
Nevada contractor's license number issued by the State Contractor's Board **23095 23096**  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller **923**  
Signed **R. Bruce MacKay**  
By driller performing actual drilling on site or contractor  
Date **1-19-12**

(Rev 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk • (214) 340-9429 • FormsOnADisk.com

39.400238°N NAD27  
119.626319°W Dec1Deg

RECEIVED  
2012 FEB -2 AM 10:57  
STATE ENGINEERS OF NV