

OFFICE USE ONLY  
 Log No. 96305  
 Permit No. 083  
 Basin 083  
 NOTICE OF INTENT NO. 55344

**WELL DRILLER'S REPORT**

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

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

1. OWNER Darrin & Heather Jackson ADDRESS AT WELL LOCATION 2241 Lousetown Rd.  
 MAILING ADDRESS 2360 Mammatus Dr. Virginia City Highlands  
Sparks, NV 89436

2. LOCATION SW 1/4 NW 1/4 Sec. 33 T 18N N/S R 21E E Storey County  
 PERMIT NO. 3-042-10 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 |
|-------------------------------|--------------|------|-----|------------|
| Top soil                      |              | 0    | 1   | 1          |
| Sandy brown clays some gravel |              | 1    | 4   | 3          |
| Sandy gravel                  |              | 4    | 7   | 3          |
| Rusty Brown clays             |              | 7    | 16  | 9          |
| Brown volcanic rock           |              | 16   | 27  | 11         |
| Gray volcanic rock            |              | 27   | 56  | 29         |
| Fracture                      |              | 56   | 57  | 1          |
| Gray volcanic rock            |              | 57   | 96  | 39         |
| Fracture                      |              | 96   | 97  | 1          |
| Gray volcanic rock            |              | 97   | 130 | 33         |
| Fracture                      | x            | 130  | 131 | 1          |
| Gray volcanic rock            |              | 131  | 160 | 29         |
| Fracture                      |              | 160  | 161 | 1          |
| Gray volcanic rock            | x            | 161  | 164 | 3          |
| Gray clay                     |              | 164  | 169 | 5          |
| Fracture                      | x            | 169  | 172 | 3          |
| Gray volcanic rock            | x            | 172  | 184 | 12         |
| Gray clay                     |              | 184  | 185 | 1          |

8. WELL CONSTRUCTION  
 Depth Drilled 185 Feet Depth Cased 185 Feet  
 HOLE DIAMETER (BIT SIZE)  

|                      | From            | To              |
|----------------------|-----------------|-----------------|
| <u>10 5/8</u> Inches | <u>0</u> Feet   | <u>100</u> Feet |
| <u>8.5</u> Inches    | <u>100</u> Feet | <u>185</u> Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet)  |
|--------------------|---------------------|-------------------------|-------------|------------|
| <u>6 5/8</u>       | <u>12.92</u>        | <u>.188</u>             | <u>+2</u>   | <u>185</u> |

Perforations:  
 Type perforation Machine cut  
 Size perforation 3/32 x 3  
 From 120 feet to 140 feet  
 From 160 feet to 180 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 100  Neat Cement  
 Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
 Gravel Packed:  Yes  No  
 From 100 feet to 185 feet

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 MAY 09 2005  
 STATE ENGINEER'S OFFICE

Date started 5/4/2005, 19  
 Date completed 5/5/2005, 19

7. WELL TEST DATA

| TEST METHOD:   | G.P.M.     | Draw Down (Feet Below Static) | Time (Hours) |
|--|------------|-------------------------------|--------------|
| <input type="checkbox"/> Bailor <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift | <u>17+</u> |                               | <u>3</u>     |

9. WATER LEVEL  
 Static water level 15 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature Cool °F Quality Not tested

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 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 5/6/2005