

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

OFFICE USE ONLY  
 Log No. 110413  
 Permit No. \_\_\_\_\_  
 Basin 087

*FINALIZED* MH  
 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. 64840 (1)

1. OWNER Sharon Berman ADDRESS AT WELL LOCATION 7850 Kevin Circle  
 MAILING ADDRESS 7850 Kevin Circle Reno, NV 89511  
Reno, NV 89511 Subdivision Name: Cottonwood Estates County: Washoe

2. LOCATION SE 1/4 NE 1/4 Sec 2 T18 N R19 E Latitude 39.45662 UTM E \_\_\_\_\_  NAD 27  
 PERMIT/WAIVER NO. \_\_\_\_\_ 222-071-07 Longitude 119.81122 N \_\_\_\_\_  NAD 83/WGS 84  
*Issued by Water Resources* Parcel No. \_\_\_\_\_

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other \_\_\_\_\_

4. PROPOSED USE  
 Domestic  Irrigation  Test  
 Municipal/Industrial  Monitor  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Well Rock		140	150	10
Rusty Brown Sandy Clay's		150	163	13
Brown Volcanic Rock w/clay		163	196	33
Black Volcanic Rock		196	203	7
Fractured Rock	x	203	218	15
Black Volcanic Rock w/clay		218	244	26
Fractured Rock	x	244	256	12
Brown Sandy Clay		256	260	4
Soft Zone w/gravel	x	260	271	11
Rusty Brown Sandy Clays		271	280	9

9. WELL CONSTRUCTION  
 Depth Drilled 280 Feet Depth Cased 280 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From \_\_\_\_\_ To \_\_\_\_\_  
 Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
7 7/8 Inches 150 Feet 280 Feet  
 Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5	10.79	.188	5	280

Washoe County Permit # WL090112  
deepens well log # 33711  
39.456709°N NAD27 D.D.  
119.810, 197°W

Date started: 10/19, 20 09  
 Date completed: 10/22, 20 09

Perforations:  
 Type of perforation Factory/Mills Knife  
 Size of perforation 3/32 x 3  
 From 150 feet to 155 feet  
 From 160 feet to 170 feet  
 From 215 feet to 275 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement to \_\_\_\_\_  Pumped  Poured  
 Cement Grout 0 to 57  Pumped  Poured  
 Concrete Grout to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 280 to 140  Pumped  Poured  
 Type: 1/4 x 1/8  
 Bentonite Chips:  Yes  No to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

7. Water Level  
 Static water level: 1' 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 23095  
 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 10/27/09

8. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<u>25</u>	<u>65</u>	<u>3</u>