

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

OFFICE USE ONLY  
 Log No. 111468  
 Permit No. \_\_\_\_\_  
 Basin 105

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. **65447**

1. OWNER **Dean Irwin** ADDRESS AT WELL LOCATION **2441 Mormon Way**  
 MAILING ADDRESS **2441 Mormon Way** **Gardnerville, NV 89410**  
**Gardnerville, NV 89410** Subdivision Name: \_\_\_\_\_ County: **Douglas**

2. LOCATION **SW 1/4 SW 1/4 Sec 33 T13N R21E** Latitude **38.94997** UTM E  NAD 27  
 PERMIT/WAIVER NO. **NW 1321-33-001-021** Longitude **119.63963** 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  Monitor  Stock  
 Municipal/Industrial  Air  Other **Mud**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravels, Granite & Volcanic W/ Brown Clay		110	149	39
Brown Sandy Clay		149	155	6
Sand & Gravels W/Clay		155	184	29
Soft Zone	X	184	191	7
Sand & Gravels in brown clay		191	231	40
Soft Zone	X	231	241	10
Brown Sandy Clays		241	256	15
Soft Zone	X	256	260	4
Brown Sandy Clays		260	273	13
Soft Zone	X	273	274	1
Brown Sandy Clays		274	287	13

*38.950961°N NAD27 D.D.*  
*119.638625°W*

*2010 AUG - 9 AM 11:00*  
*DATE DISBURSED BY*

*deepens existing well (see original log # 8932) log # 33695*

Date started: 7/19, 20 10  
 Date completed: 7/22, 20 10

9. WELL CONSTRUCTION

Depth Drilled **287** Feet Depth Cased **287** Feet

HOLE DIAMETER (BIT SIZE)

From \_\_\_\_\_ To \_\_\_\_\_  
**7 7/8** Inches **110** Feet **287** Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>6 5/8</b>	<b>12.92</b>	<b>.188</b>	<b>87'</b>	<b>287'</b>

Perforations:

Type of perforation **Factory**  
 Size of perforation **3/32 x 3"**

From **287** feet to **267** feet  
 From **247** feet to **227** feet  
 From **207** feet to **187** feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  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: \_\_\_\_\_

7. Water Level

Static water level: **59** feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: **cool** °F  
 Quality: **not tested**

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Bailer <input type="checkbox"/> Draw Down (Feet Below Static)	Pump <input checked="" type="checkbox"/> Time (Hours)	Air Lift <input checked="" type="checkbox"/>
<b>Air</b>	<b>36</b>		<b>3</b>	
<b>Pump</b>	<b>16</b>	<b>21</b>	<b>3.5</b>	

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 *Bruce MacKay*  
 By driller performing actual drilling on site or contractor  
 Date **7/26/10**