

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

OFFICE USE ONLY  
 Log No. 121750  
 Permit No. \_\_\_\_\_  
 Basin 087

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. 72512

1. OWNER **Galena Volunteer Firemen, Inc** ADDRESS AT WELL LOCATION **16255 Mt. Rose Hwy**  
 MAILING ADDRESS **16255 Mt. Rose Hwy** **Reno, NV 89511**  
**Reno, NV 89511** *Subdivision Name:* \_\_\_\_\_ *County:* **Washoe**

2. LOCATION **NW 1/4 SE 1/4 Sec 34 T18N / R19E** Latitude **39.3779131** UTM E  NAD 27  
 PERMIT/WAIVER NO. **Dom14-53** **049-070-30** Longitude **-119.831620** 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
Top Soil		0	1	1
Brown sandy clays w/boulders		1	63	62
Volcanics & granite, gravels boulders, clay streaks		63	122	59
Red Brown volcanics		122	131	9
Volcanics w/some boulders		131	197	66
Red/Brown sandy clays soft zone		197	201	4
Gray Volcanic Rock		201	204	3
Volcanic rock w/clay streaks		204	288	84
Dark gray hard volcanic rock		288	303	15
Volcanic rock		303	308	5
Softer volcanic rock multi color		308	369	61
Multi colored volcanic rock		369	379	10
Hard dark volcanic rock		379	395	16
Multi colored volcanic rock		395	404	9
Fractured volcanics		404	412	8
Soft fractured rock	x	412	438	24
Harder, less fractured rock	x	438	438	2
		438	500	62

Washoe County  
 Permit # WL140051

NAD 27  
39.3779131°N  
119.830577°W

Date started: 11-4, 20 14  
 Date completed: 11-20, 20 14

9. WELL CONSTRUCTION

Depth Drilled 500 Feet Depth Cased 500 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>10 5/8</u> Inches	<u>0</u> Feet <u>500</u> Feet
_____ Inches	_____ Feet _____ Feet
_____ Inches	_____ Feet _____ 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>500</u>

Perforations:

Type of perforation **Factory**

Size of perforation **.060 double row**

From	To
<u>450</u> feet to	<u>470</u> feet
<u>480</u> feet to	<u>500</u> feet
_____ feet to	_____ feet
_____ feet to	_____ feet
_____ feet to	_____ feet

Annular Seal:  Yes  No

Neat Cement 0 to 64  Pumped  Poured  
 Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 ≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No 64 to 500  Pumped  Poured  
 Type: **1/4 x 1/8**

Bentonite Chips:  Yes  No \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured  
 Type: \_\_\_\_\_

7. Water Level

Static water level: 349 feet below land surface

Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.

Water Temperature: \_\_\_\_\_ °F

Quality: **not tested**

8. WELL TEST DATA

TEST METHOD:	TEST METHOD:		Time (Hours)
	G.P.M.	Draw Down (Feet Below Static)	
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>20+</u>		<u>2</u>

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 Frank MacKay  
 By driller performing actual drilling on site or contractor

Date **12-15-14**

*Replaces Well log 46274*