

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

OFFICE USE ONLY  
 Log No. 116539  
 Permit No. \_\_\_\_\_  
 Basin 059

NOTICE OF INTENT NO. **69154**

PRINT OR TYPE ONLY

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

1. OWNER **Battle Mountain Water & Sewer** ADDRESS AT WELL LOCATION **None at site**  
 MAILING ADDRESS **550 West 2<sup>nd</sup> St.** **Battle Mountain, NV 89820** Subdivision Name: \_\_\_\_\_ County: **Lander**

2. LOCATION **SW 1/4 SE 1/4 Sec 13 T31N / R44E** Latitude **40.551968** UTM E \_\_\_\_\_  NAD 27  
 PERMIT/WAIVER NO. **MO1858** Parcel No. **010-430-15** Longitude **-116.963185** N \_\_\_\_\_  NAD 83/WGS 84  
Issued by Water Resources

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other **Test Bore**

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	Thick-ness
Brown clay & silt		0	8	8
Fine sand	x	8	40	32
Sandy gravel	x	40	90	50
Med to Fine sand	x	90	107	17
Gray sandy gravel	x	107	110	3
Coarse gravel	x	110	120	10
Fine Sand	x	120	140	20
Brown Clayey sand		140	170	30
Green brown clay		170	270	100
Gravelly clay		270	300	30
Brown sandy clay		300	440	140
Brown clay		440	480	40
Sandy clay		480	590	110
Brown Clay		590	770	180
Brown sandy clay		770	1000	230

This test well was not cased as the e-log suggested no water. The only casing was to stabilize the well due to the amount of cuttings we were getting from the 7 7/8 borehole.

40.552055°N NAD 27  
 116.962251°W

9. WELL CONSTRUCTION

Depth Drilled **1,000** Feet Depth Cased **1,000** Feet

HOLE DIAMETER (BIT SIZE)

From	To
<b>14.5</b> Inches	<b>0</b> Feet <b>90</b> Feet
<b>7 7/8</b> Inches	<b>90</b> Feet <b>1000</b> Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>10 5/8</b>	<b>28.04</b>	<b>.250</b>	<b>0</b>	<b>90</b>

Perforations:

Type of perforation \_\_\_\_\_  
 Size of perforation \_\_\_\_\_

From _____	_____ feet to _____	_____ feet
From _____	_____ feet to _____	_____ feet
From _____	_____ feet to _____	_____ feet
From _____	_____ feet to _____	_____ feet
From _____	_____ feet to _____	_____ feet

Annular Seal:  Yes  No

<input type="checkbox"/> Neat Cement	_____ to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input checked="" type="checkbox"/> Cement Grout	<b>0</b> to <b>90</b>	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____ to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____ to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Gravel Pack: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	<b>0</b> to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: _____		
Bentonite Chips: <input type="checkbox"/> Yes <input type="checkbox"/> No	_____ to _____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: _____		

7. Water Level

Static water level: **8?** feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: **cold** °F  
 Quality: **Not Tested**

8. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			
* <b>NO WELL TEST DATA</b>			

plugged by log 11/20/13  
 11/20/13

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 **1790**

Signed R. Bruce MacKay  
 By driller performing actual drilling on site or contractor

Date **3-6-'13**