

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

OFFICE USE ONLY **108814**  
 Log No. ....  
 Permit No. ....  
 Basin **179** .....

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. **64558**

1. OWNER **Ely Municipal Water Dept. PWCOE 09-02** ADDRESS AT WELL LOCATION  
 MAILING ADDRESS **501 Mill Street**  
**Ely, Nevada 89301** Subdivision Name: \_\_\_\_\_ County: **White Pine**

2. LOCATION **SW¼SW¼ Sec15T16N/ R63E** Latitude **39.244629°N** UTM E **683156**  NAD 27  
 PERMIT/WAIVER NO. **W-641** Longitude **114.877658°W** N **4345862**  NAD 83/WGS 84  
Issued by Water Resources Parcel No. **NAD 27 (B)**

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 **Flooded Reverse**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Light Tan/Gray Gravel		0'	60'	60'
Brown Gravel		60'	85'	25'
Gray/Black Gravel		85'	145'	60'
Black/Dark Brown Gravel		145'	155'	10'
Tan/Black Gravel		155'	160'	5'
Brown Clay/Gray Gravel		160'	185'	25'
Gray Gravel		185'	245'	60'
Light Brown Clay		245'	260'	15'
Black/Gray Gravel		260'	285'	25'
Brown Clay w/Gravel		285'	300'	15'
Black/Gray Gravel/Brown Clay		300'	330'	30'
Black/Gray Gravel		330'	370'	40'
Light Tan Clay		370'	375'	5'
Black/Gray Gravel		375'	480'	105'
Black/Brown Gravel		480'	555'	75'
Brown Clay		555'	570'	15'
Light Gray Gravel		570'	600'	30'
			<b>620</b>	<b>50</b>

9. WELL CONSTRUCTION

Depth Drilled **620** Feet Depth Cased **607** Feet

HOLE DIAMETER (BIT SIZE)

From	To
<b>31.00</b> Inches	<b>0</b> Feet <b>60</b> Feet
<b>24.00</b> Inches	<b>60</b> Feet <b>620</b> Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<b>26.00</b>	<b>102.63</b>	<b>.315</b>	<b>0</b>	<b>60</b>
<b>16.00</b>	<b>62.58</b>	<b>.375</b>	<b>+2</b>	<b>607</b>
<b>1.90 x 2</b>	<b>3.63</b>	<b>.200</b>	<b>+2</b>	<b>517</b>

Perforations:

Type of perforation **Wire Wrap (16") Milled Slot (1.5")**  
 Size of perforation **.125 = 16"** **.080 = 1.5"**

From	To
<b>487</b> feet to	<b>587</b> feet
<b>447</b> feet to	<b>467</b> feet
<b>387</b> feet to	<b>427</b> feet
<b>287</b> feet to	<b>367</b> feet
<b>1.5" (x2)</b>	<b>497</b> feet to <b>577</b> feet

Annular Seal:  Yes  No

Material	From	To	Method
<input checked="" type="checkbox"/> Neat Cement	0'	to 118'	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____	to _____	<input 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 checked="" type="checkbox"/> Yes <input type="checkbox"/> No	160'	to 620'	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
Type: <b>1/4 x 3/8 SRI</b>			
Bentonite Chips: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	118'	to 160'	<input checked="" type="checkbox"/> Pumped <input type="checkbox"/> Poured
Type: <b>3/8 Hole Plug</b>			

Date started: **10-Jul**, 20 **09**  
 Date completed: **21-Jul**, 20 **09**

7. Water Level

Static water level: **172** feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: **Cool** °F  
 Quality: \_\_\_\_\_

8. WELL TEST DATA

TEST METHOD:	Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift <input checked="" type="checkbox"/>		
	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
	<b>402</b>	<b>44'</b>	<b>.25</b>
	<b>368</b>	<b>49'</b>	<b>.50</b>
	<b>61</b>	<b>11'</b>	<b>1-40</b>

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name **Boart Longyear Drilling Services** (CONTRACTOR)  
 Address **P.O. Box 5279** (CONTRACTOR)  
**Elko, NV 89802**  
 Nevada contractor's license number issued by the State Contractor's Board **0021976**  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **2376**

Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor  
 Date **29-Jul-09**