

STATE OF NEVADA  
 DIVISION OF WATER RESOURCES

OFFICE USE ONLY  
 Log No. 82681  
 Permit No. \_\_\_\_\_  
 Basin 28

WELL DRILLER'S REPORT

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

NOTICE OF INTENT NO. 44894

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

1. OWNER Hecla Mining ADDRESS AT WELL LOCATION Hecla Rose B Mine Well RBW#15  
 MAILING ADDRESS PO BOX 1861 Lovelock, NV 89419

2. LOCATION NW 1/4 NW 1/4 Sec. 19 T 34 N 30 E Pershing County  
 PERMIT NO. 55516 Issued by Water Resources Parcel No. \_\_\_\_\_ Subdivision Name \_\_\_\_\_

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

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

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<b>ABANDONMENT</b>				
<b>Perforated well from 550 ft. to 1,160 ft.</b>		<b>550</b>	<b>1160</b>	<b>610</b>
<b>Pumped 23,500 lbs. of cement</b>				
<b>Pumped 500 lbs. bentonite w/6.5 gals. of water</b>				
<b>Placed gravel from 500 ft. to 46 ft.</b>				
<b>Placed neat cement from 46 ft. to surface</b>				

8. WELL CONSTRUCTION  
 Depth Drilled 1330 Feet Depth Cased 1320 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>20-1/2</u> inches	<u>0</u> Feet	<u>19</u> Feet
<u>14-3/4</u> inches	<u>19</u> Feet	<u>1330</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>16</u>	<u>62.58</u>	<u>.375</u>	<u>0</u>	<u>19</u>
<u>8-5/8</u>	<u>28.55</u>	<u>.322</u>	<u>+2</u>	<u>1320</u>

Perforations:  
 Type perforation slotted & louvered  
 Size perforation .100

From	feet to	feet
<u>1160 louver</u>	<u>1220</u>	<u>feet</u>
<u>1220 slotted</u>	<u>1300</u>	<u>feet</u>

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

Depth of Seal 866

Placement Method:  Pumped  Poured

Gravel Packed:  Yes  No  
 From 500 feet to 46 feet

9. WATER LEVEL  
 Static water level 600 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature 78 °F Quality good

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Humboldt Drilling & Pump Co., Inc. Contractor  
 Address 4675 W. Winnemucca Blvd Contractor  
Winnemucca, Nevada 89445

Nevada contractor's license number issued by the State Contractor's Board 015234

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1713

Signed [Signature]  
 By driller performing actual drilling on-site or contractor

Date 12/12/00

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

RECEIVED  
 00 DEC 13 AM 11:19  
 STATE ENGINEERING OFFICE