WHITE - DIVISION OF WATER RESOURCES
CANARY - CLIENT'S COPY
PINK - WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

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

OFFICE USE ONLY
Log No. 82680
Permit No.
Basin 28

NOTICE OF INTENT No. 24895

1. OWNER Hecla Mining
MAILING ADDRESS P.O. Box 1861
Lovelock, NV 89419

ADDRESS AT WELL LOCATION Hecla Rosebud Mine - Well # RBW #16

2. LOCATION SW 1/4 NE 1/4 Sec. 24 T 34N N/S R 29E E Pershing County
PERMIT NO. | Issued by Water Resources | Parcel No. | Subdivision Name

3. WORK PERFORMED
☐ New Well ☐ Replace ☐ Recondition
☐ Deepen ☒ Abandon ☐ Other

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

5. WELL TYPE
☐ Cable ☐ Rotary ☒ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
ABANDONMENT				
Perforated well from 60		60		
ft. to 540 ft.			540	480
Pumped 31,960 lbs. of				
cement				
Pumped 700 lbs. of				
bentonite with 6.5 gals.				
of water				

RECEIVED 00 DEC 13 AM 11:19 STATE ENGINEER'S OFFICE

Date started 9/11/00, 19__
Date completed 12/8/00, 19__

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

8. WELL CONSTRUCTION
Depth Drilled 820 Feet Depth Cased 770 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
20-1/2 Inches	0 Feet	19 Feet
15 Inches	19 Feet	820 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	62.55	.375	0	19
8-5/8	28.55	.322	+2	770

Perforations:
Type perforation Louvered & slotted
Size perforation .100
From 540 louvered feet to 560 feet
From 730 louvered feet to 750 feet
From 260 slotted feet to 320 feet
From 580 slotted feet to 620 feet
From 640 slotted feet to 690 feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 770
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 50 feet to 820 feet

9. WATER LEVEL
Static water level 148 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

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