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

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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. 82682
Permit No.
Basin 28

NOTICE OF INTENT NO. 4489 I

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

ADDRESS AT WELL LOCATION Hecla Rose Bud Mine Well #WW3

2. LOCATION NE 1/4 NE 1/4 Sec. 24 T 34N N/S R 29E E Pershing County
PERMIT NO. 60131T (Issued by Water Resources) | Parcel No. | Subdivision Name

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

4. PROPOSED USE 60308 61782
☐ Domestic ☐ Irrigation ☐ Test
☒ Municipal/Industrial (mining) ☐ Monitor ☐ Stock

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
ABANDONMENT				
Perforate well from 50		50		
ft. to 110 ft.			110	60
Pumped 9,400 lbs. of				
cement with 200 lbs. of				
bentonite and 6.5 gals.				
of water pumped to				
surface				

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

Date started 9/10/00, 19__
Date completed 12/7/00, 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 277 Feet Depth Cased 273 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
12-1/4 Inches	0 Feet	277 Feet	
Inches	Feet	Feet	
Inches	Feet	Feet	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8-5/8	22.36	.250	+2	113
8-5/8	22.36	.250	133	153
8-5/8	22.36	.250	253	273

Perforations:
Type perforation mill slot
Size perforation 1/8 x 3
From 113 feet to 133 feet
From 153 feet to 253 feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 273
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 275 feet to surface feet

9. WATER LEVEL
Static water level 48 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature norm °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