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

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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. 46310
Permit No.
Basin 028

I

NOTICE OF INTENT NO. 26914

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

ADDRESS AT WELL LOCATION Rosebud Canyon
55 miles north of Lovelock

2. LOCATION Lot 3 ¼ ¼ Sec. 24 T. 34 N/S R. 29 E. Pershing County
PERMIT NO. 60131T (Issued by Water Resources) Parcel No. WW#3 (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 |
|---|---|---|---|---|
| Allivian | | 0 | 26 | 26 |
| Gray Volcanic | | | | |
| Tuff | | 26 | 277 | 251 |
| No change in | | | | |
| formation from | | | | |
| 26 to 277 | | | | |
| Most of the water | | | | |
| is in fractures | | | | |
| from 100-230 ft | | | | |

'94 DEC 21 A10:02
STATE ENGINEERS OFFICE

Date started Aug 5, 1994
Date completed Aug 8, 1994

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 25 | | 8 hrs |

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 3 x 1/8
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 55
Placement Method: ☐ Pumped ☒ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 55 feet to 273 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 P. O. Box 590 (Contractor)
Winnemucca, NV 89446

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 1195

Signed C. C. Epple
By driller performing actual drilling on site or contractor

Date 12-19-94

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627