

RBW-17

92327

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

STATE OF NEVADA
DIVISION OF WATER RESOURCES



OFFICE USE ONLY
Log No. 92322
Permit No.
Basin 028

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. 51304

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

1. OWNER HECLA Mining Company ADDRESS AT WELL LOCATION ROSEBUD
 MAILING ADDRESS P.O. Box 2610
Winn, NV 89445

2. LOCATION NE 1/4 NE 1/4 Sec. 24 T. 34 N/S R. 29 E Pershing Co County
 PERMIT NO. 60308 Parcel No. N/A 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	Thick-ness
DROSE well STATIC 145' TOTAL Depth 1307				
Tried to pull 4" pipe from well joint failed				
TRIP INTO hole with hydraulic perforator				
Punch holes AT 90° Every Foot From				
300FT TO 20 FT				
RUN TREMIE LINE INTO 1300' pump 155 SACS				
OF ABANTONITE STATIC RAISED TO 45'				
pour 3/4 hole plug to establish a plug				
let stand soak chips with water				
to swell finish pouring 3/4 hole				
24 SACS 3/4 hole Plug				
mix + pump 6 Bags of Neat Cement				
Bring Seal to SURFACE				
155 SACS ABANTONITE				
24 SACS 3/4 hole plug				
6 SACS Neat Cement				
CUT CASING AND Reclaim SURFACE				

8. WELL CONSTRUCTION
 Depth Drilled 1310 Feet Depth Cased 1310 Feet

HOLE DIAMETER (BIT SIZE)
 From To
 Inches Feet Feet
 Inches Feet Feet
 Inches Feet Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:
 Plug type perforation Hydraulic Punch
 Size perforation 1/2" +
 From 20' feet to 300' feet
 From _____ feet to _____ feet

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

Depth of Seal 20'
 Placement Method: Pumped Poured

Gravel Packed: Yes No
 From _____ feet to _____ feet

Date started Nov 5 2003
 Date completed Nov 8 2003

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

9. WATER LEVEL
 Static water level 146' feet below land surface
 Artesian flow No G.P.M. N/A P.S.I.
 Water temperature N/A °F Quality N/A

10. DRILLER'S CERTIFICATION
 This well was drilled under my supervision and the report is true to the best of my knowledge
 Name FRED ANDERSON Drilling INC Contractor
 Address 10760 Grass Valley Road Contractor
Winn, NV 89445
 Nevada contractor's license number issued by the State Contractor's Board 021467
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 01375
 Signed [Signature]
 Date Nov 17 2003