

276 12874

CV-1094

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. 78977  
Permit No.  
Basin 59

PRINT OR TYPE ONLY  
DO NOT WRITE ON BACK

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.348

NOTICE OF INTENT NO. 42874

1. OWNER ECHO BAY MINERALS CO. ADDRESS AT WELL LOCATION ECHO BAY MINESITE, SOUTH OF BATTLE MTN., NV  
MAILING ADDRESS P.O. BOX 1658  
BATTLE MTN., NV 89820

2. LOCATION SW 1/4 SE 1/4 Sec 36 T 29 N S R 42 E LANDER County  
PERMIT NO. N/A Issued by Water Resources Parcel No. N/A Subdivision Name N/A

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 |
|----------------------------|--------------|------|------|------------|
| GRAVELS & CLAYS            |              | 0    | 245  | 245        |
| FRACTURED GREY ROCK - SAND |              | 245  | 300  | 55         |
| RED-BROWN ROCK             |              | 300  | 360  | 60         |
| GREY ROCK                  |              | 360  | 420  | 60         |
| GREY-BROWN ROCK            |              | 420  | 475  | 55         |
| GREY ROCK                  |              | 475  | 925  | 450        |
| BLACK FRACTURED ROCK       |              | 925  | 1100 | 175        |

8. WELL CONSTRUCTION  
Depth Drilled 1100 Feet Depth Cased 845 Feet  
HOLE DIAMETER (BIT SIZE)  
From To  
12.250 Inches 0 Feet 20 Feet  
6.500 Inches 20 Feet 1100 Feet  
Inches Feet Feet

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 7.625              | 26.40               | 0.328                   | +1          | 20        |
| 2.375              | 1.46                | SCH. 80                 | +1          | 845       |

CONSTRUCTION DETAILS:

| Material    | From | To   | Thick-ness |
|-------------|------|------|------------|
| CEMENT      | 0    | 20   | 20         |
| HOLE PLUG   | 20   | 795  | 775        |
| GRAVEL PACK | 795  | 845  | 50         |
| CEMENT      | 845  | 1100 | 255        |

Perforations:  
Type perforation SLOTTED  
Size perforation 0.020"  
From 805 feet to 845 feet  
From feet to feet  
From feet to feet  
From feet to feet

Surface Seal:  Yes  No Seal Type:  
Depth of Seal 20'  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
Gravel Packed:  Yes  No SEE DETAIL  
From 795 feet to 845 feet

Date started NOVEMBER 15, 19 99  
Date completed NOVEMBER 17, 19 99

9. WATER LEVEL  
Static water level 451 feet below land surface  
Artesian flow N/A G.P.M. P.S.I.  
Water temperature COOL °F Quality CLEAR

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|--------|-------------------------------|--------------|
| 45     | N/A                           | 1            |

10. DRILLER'S CERTIFICATION  
This well was drilled under my supervision and the report is true to the best of my knowledge.  
Name LANG EXPLORATORY DRILLING Contractor  
Address P.O. BOX 5279 Contractor  
ELKO, NV 89802  
Nevada contractor's license number issued by the State Contractor's Board 0021976  
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2085  
Signed Daniel Kohlman  
By driller performing actual drilling on site or contractor  
Date NOVEMBER 18, 1999