

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

OFFICE USE ONLY  
 Log No. 83927  
 Permit No. 58411  
 Basin 059

PRINT OR TYPE ONLY  
 DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 47460

1. OWNER Echo Bay Minerals DW-13 ADDRESS AT WELL LOCATION McCoy/Cove minesite, about 25 miles south of Battle Mountain, NV.  
 MAILING ADDRESS P.O. Box 1658 Battle Mountain, NV 89820

2. LOCATION SE 1/4 SW 1/4 Sec. 36 T 29N N/S R 42E E Lander County  
 PERMIT NO. 58411 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  Municipal/Industrial  Irrigation  Monitor  Test  Stock

5. WELL TYPE  
 Cable  Rotary  RVC  Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
<b>Abandonment procedure approved by DWR prior to beginning work.</b>				
<b>Abandoned by pumping abantonite via tremie from 900' to 478'. Poured hole plug to 450.6'. Pumped bentonite cement to 443' and poured bentonite cement to 177'. Poured sag mill reject rock to 20' and capped with concrete grout.</b>				
<b>Quantites Used:</b>				
Concrete grout: 44 cu.ft.		0	20	20
Sag reject: 746 cu.ft.		20	362	342
Bentonite cement: 618.9 cu.ft.		362	450.6	88.6
Hole plug: 82.1 cu.ft.		450.6	478	27.4
Abantonite: 1808.7 cu.ft.		478	914	436

Date started 7/27/2001 19  
 Date completed 8/3/2001 19

7. WELL TEST DATA

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

8. WELL CONSTRUCTION

Depth Drilled 925 Feet Depth Cased 914 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
<u>48</u> Inches	<u>0</u> Feet	<u>50</u> Feet
<u>31</u> Inches	<u>50</u> Feet	<u>925</u> Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>36</u>	<u>192.7</u>	<u>0.375</u>	<u>+1</u>	<u>50</u>
<u>20</u>	<u>78.6</u>	<u>0.375</u>	<u>+3</u>	<u>914</u>

Perforations:

Type perforation Louver  
 Size perforation 0.125"

From	To
<u>314</u> feet to	<u>754</u> feet
<u>794</u> feet to	<u>874</u> feet

Surface Seal:  Yes  No  
 Depth of Seal 50'  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From 170 feet to 925 feet

Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout

9. WATER LEVEL

Static water level 456 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 Lang Exploratory Drilling Contractor  
 Address P.O. Box 5279 Contractor  
Elko, Nv 89802-5279  
 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 2142  
 Signed Alan Beaudoin  
 By driller performing actual drilling on-site or contractor  
 Date 8/7/01

B.S.T.L