

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

OFFICE USE ONLY
 Log No. 83930
 Permit No. 63864T
 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. 47462

1. OWNER Echo Bay Minerals DW-18
 MAILING ADDRESS P.O. Box 1658
Battle Mountain, NV 89820

ADDRESS AT WELL LOCATION McCoy/Cove minesite,
about 25 miles south of Battle Mountain, NV.

2. LOCATION NW 1/4 SE 1/4 Sec. 36 T 29N N/S R 42E E Lander County
 PERMIT NO. 63864T Parcel No. N/A Subdivision Name N/A
Issued by Water Resources

3. WORK PERFORMED
 New Well Replace Recondition Deepen Abandon Other
 4. PROPOSED USE Mining
 Domestic Irrigation Test Monitor Stock
 Municipal/Industrial
 5. WELL TYPE
 Cable Rotary RVC
 Air Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
<u>Abandonment procedure discussed with DWR prior to beginning work.</u>				
<u>Abandoned by pumping abantonite via tremmie from 520' to 356'.</u>				
<u>Settled down to 376' overnight. Pumped more abantonite to 191'. Poured hole plug to 184'. Pumped bentonite cement to 156'. Sag mill reject rock to 20', capped with concrete grout.</u>				
<u>Quantities Used:</u>				
<u>Concrete grout: 16 cu.ft.</u>		<u>0</u>	<u>20</u>	<u>20</u>
<u>Sag reject: 107 cu.ft.</u>		<u>20</u>	<u>156</u>	<u>136</u>
<u>Bentonite cement: 46.4 cu. ft.</u>		<u>156</u>	<u>184</u>	<u>28</u>
<u>Hole plug: 8.28 cu. ft.</u>		<u>184</u>	<u>191</u>	<u>7</u>
<u>Abantonite: 657.6 cu. ft.</u>		<u>191</u>	<u>520</u>	<u>329</u>

Date started 7/31/2001, 19
 Date completed 8/1/2001, 19

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			

8. WELL CONSTRUCTION
 Depth Drilled 530 Feet Depth Cased 520 Feet
 HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>25</u>	<u>0</u>	<u>50</u>	
<u>19</u>	<u>50</u>	<u>530</u>	

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>20</u>	<u>78.6</u>	<u>0.375</u>	<u>0</u>	<u>50</u>
<u>12.75</u>	<u>41.4</u>	<u>0.312</u>	<u>+2</u>	<u>520</u>

Perforations:
 Type perforation Louwer
 Size perforation 0.125"
 From 160 feet to 520 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 100' Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From 100 feet to 530 feet

9. WATER LEVEL
 Static water level 199 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