

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. 78999
Permit No. 59
Basin

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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. 42879

1. OWNER ECHO BAY MINERALS
MAILING ADDRESS P.O. BOX 1658
BATTLE MOUNTAIN, NV 89820
ADDRESS AT WELL LOCATION MINESITE, SOUTH OF BATTLE MOUNTAIN, NV
2. LOCATION SE 1/4 SW 1/4 Sec. 36 T. 29 N/S R. 42 E LANDER County
PERMIT NO. 58721 N/A N/A
Issued by Water Resources Parcel No. 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 |
|---|--------------|------|----|-----------|
| WELL WAS ABANDONED BY PUMPING ABANTONITE VIA TREMIE FROM T.D. TO 25'. NEAT CEMENT WAS PUMPED FROM 25' TO SURFACE. CEMENT SETTLED TO 26' OVERNIGHT, SO ANOTHER BATCH WAS PUMPED FROM 26' TO SURFACE. | | | | |
| USED 2005CU.FT. OF ABANTONITE, AND 50CU.FT. OF CEMENT. | | | | |

8. WELL CONSTRUCTION
Depth Drilled 510 Feet Depth Cased 499.2 Feet
HOLE DIAMETER (BIT SIZE)
From To
25 Inches 0 Feet 50 Feet
19 Inches 50 Feet 510 Feet
Inches Feet Feet

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 20 | 78.59 | 0.375 | 0 | 50 |
| 12 | 31.37 | 0.375 | +1 | 499.2 |

Perforations:
Type perforation LOUVER
Size perforation 0.25"
From 97.4 feet to 499.2 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 50 Neat Cement
Placement Method: Pumped Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No
From 10 feet to 510 feet

9. WATER LEVEL
Static water level 147.6 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °F Quality

Date started 24 AUGUST 1999
Date completed 25 AUGUST 1999

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 | | | |

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 ELKO, NV 89802 Contractor
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 1410
Signed [Signature] By driller performing actual drilling on site or contractor
Date 8/27/99

DW-20

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DIVISION OF WATER RESOURCES

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NOTICE OF INTENT NO. 39152

1. OWNER ECHO BAY
MAILING ADDRESS P.O. BOX 1658
BATTLE MOUNTAIN, NV 89820
ADDRESS AT WELL LOCATION ECHO BAY MINE SITE
2. LOCATION SE 1/4 SW 1/4 Sec. 36 T. 29 N/S R. 42 E LANDER County
PERMIT NO. 58721 N/A N/A

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

LITHOLOGIC LOG table with columns: Material, Water Strata, From, To, Thickness. Rows include Grey Rock and Grey Clay, Black Rock, etc.

6. WELL CONSTRUCTION
Depth Drilled: 510 Feet
Depth Cased: 499.2 Feet
HOLE DIAMETER (BIT SIZE)
25 Inches, 19 Inches

CASING SCHEDULE table with columns: Size O.D. (Inches), Weight/Ft. (Pounds), Wall Thickness (Inches), From (Feet), To (Feet). Rows for 20 and 12 inch casings.

Perforations: LOUVERED
Type perforation
Size perforation 1 1/4
From 20 feet to 97.4 feet

Surface Seal: Yes
Depth of Seal: 50
Placement Method: Pumped
Gravel Packed: Yes
From 10 feet to 510 feet

9. WATER LEVEL
Static water level: 55.4 feet below land surface
Artesian flow: N/A
Water temperature: 90 P
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: LANG EXPLORATORY DRILLING
Address: P.O. BOX 5279 ELKO, NV 89802
Nevada contractor's license number: 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller: 1716
Signed: David H...
Date: 6-5-98

Date started: MAY 20 1998
Date completed: MAY 25 1998

7. WELL TEST DATA
TEST METHOD: Air Lift
G.P.M.: 512
Draw Down (Feet Below Static): 7.2
Time (Hours): 1

RECEIVED JUN 1 1998