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

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 32906
Permit No. 53220
Basin 4-59 Lwr. Reese River N.

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 13161

1. OWNER ECHO BAY MINERALS
MAILING ADDRESS P.O. Box 1658
Battle Mountain, NV 89820

ADDRESS AT WELL LOCATION

2. LOCATION SE SW ¼ SW NE ¼ Sec. 36 T 29 (N) S R. 42 E LANDER County
PERMIT NO. W-303 (Issued by Water Resources) Parcel No. WELL C / DW-3 (Subdivision Name)

3. TYPE OF WORK
New Well [X] Recondition [ ]
Deepen [ ] Other [ ]

4. PROPOSED USE
Domestic [ ] Irrigation [ ] Test [X]
Municipal [ ] Industrial [ ] Stock [ ]

5. TYPE WELL
Cable [ ] Rotary [X]
Other [ ]

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
LIMESTONE	X	0	945	945
SANDSTONE & CONGLOMERATE	X	945	1380	435
DOLOMITE	X	1380	1532	152

'90 JAN 24 A9:11
STATE ENGINEER'S OFFICE

Date started 10/17, 1989
Date completed 12/18, 1989

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
–	–	–	–

BAILER TEST
G.P.M. – Draw down – feet – hours
G.P.M. Draw down feet hours
G.P.M. Draw down feet hours

8. WELL CONSTRUCTION
Diameter 27-1/2 inches Total depth 1532 feet
21-1/2 inches
inches
Casing record STEEL
Weight per foot 52.36 Thickness 0.312

Diameter	From	To
30 inches	0 feet	50 feet
22 inches	0 feet	958 feet
16 inches	+ 1 feet	1522 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes [X] No [ ] Type CEMENT
Depth of seal 50 FEET feet
Gravel packed: Yes [X] No [ ]
Gravel packed from 929 feet to 1532 feet

Perforations:
Type perforation LOUVERED
Size perforation FULL FLO 0.125
From 263 feet to 542 feet
From 943 feet to 1501 feet
From – feet to – feet
From – feet to – feet
From – feet to – feet

9. WATER LEVEL
Static water level 223 feet below land surface
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 LAYNE-WESTERN CO., INC. (Contractor)
Address 12030 EAST RIGGS ROAD
CHANDLER, AZ (Contractor) 85249
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada contractor's driller's number issued by the Division of Water Resources
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1616
Signed [signature] (By driller performing actual drilling on site or contractor)
Date 1-22-90

(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627