STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116291
Permit No. 81651T
Basin 153

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 69219

1. OWNER Homestake Mining Co. well: HD-11
MAILING ADDRESS P.O. Box 676
Eureka, NV. 89316

ADDRESS AT WELL LOCATION Ruby Hill Operations
Eureka, NV.
Subdivision Name: County: Eureka

2. LOCATION NW¼NW¼ Sec14T19N/ R53E
PERMIT/WAIVER NO. 81651-T (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 587713 ☒ NAD 27
N 4375457 ☐ NAD 83/WGS 84

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☒ Other Horizontal Drain

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
Tan Limestone		0	130	130
Tan and Grey Limestone		130	150	20
Grey/Chlorite Limestone		150	360	210
Tan Limestone		360	390	160
Grey/Chlorite Limestone		390	440	50

39.524358°N NAD27
115.978596°W

Date started: November 10, 20 12
Date completed: November 10, 20 12

7. Water Level
Static water level: Dry Hole feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: N/A °F
Quality: N/A

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

9. WELL CONSTRUCTION
Depth Drilled 440 Feet Depth Cased 440 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
7 7/8 Inches	0 Feet	15 Feet
5 1/2 Inches	15 Feet	480 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
6.625	18.97	.280	+5	15
2.375	.69	.154	+5	440

Perforations:
Type of perforation Slotted
Size of perforation .020
From 15 feet to 440 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 15 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☒ Yes ☐ No to ☒ Pumped ☐ Poured
Type: 3/8" Hole Plug

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear (CONTRACTOR)
Address 2745 California Ave. (CONTRACTOR)
SLC., UT. 84104
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 2329
Signed
By driller performing actual drilling on site or contractor
Date November 14, 2012

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