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

OFFICE USE ONLY
Log No. 117814
Permit No.
Basin 048

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

RAN-01874

NOTICE OF INTENT NO. 68611

1. OWNER Newmont Mining Corp
MAILING ADDRESS 1655 Mtn City Hwy
Elko, Nevada 89801

ADDRESS AT WELL LOCATION Emigrant mine
Subdivision Name: County: Elko

2. LOCATION SE ¼ SE ¼ Sec 35 T 32 N/S R 53 E
PERMIT/WAIVER No. MO-1807
Issued by Water Resources Parcel No.

Latitude UTM E 586834 ☒ NAD 27
Longitude N 4496235 ☐ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ 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
Fractured ground		35	50	
clay		70	80	
Fractured ground		100	105	
hard Ground		105	200	
Fractured Ground		205	220	
Fractured Ground		235	250	
Clay mix		280	335	
Fractured Ground		340	385	
color change				
Red + Black to				
Brown + tan				
hard Ground.		385	410	

pumped Grout Bottoms up using PVC Casing Fluid went into formation at 340' chipped to 300' pumped ~~from top~~ Grout from top 300' to 60'; chipped to 10' neat cement to Surface.

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Date started: March 6th, 20 12
Date completed: March 9th, 20 12

9. WELL CONSTRUCTION
Depth Drilled 410 Feet Depth Cased 410 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
6 Inches	0 Feet	410 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
1½			0	410

Perforations:
Type of perforation
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☒ Neat Cement 10 to 0 ☐ Pumped ☒ Poured
☒ Cement Grout 410 to 370 ☒ Pumped ☒ Poured *
300* to 60* ☐ 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 370 to 300 ☐ Pumped ☒ Poured
Type: 3/8 chips 60 to 10

7. Water Level
Static water level: 245 feet below land surface
Artesian Flow: 0 G.P.M. 0 P.S.I.
Water Temperature: Cool °F
Quality: muddy

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
Tried air lifting well Ran dry within 2-3 min ≈ 3gpm		

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 Nevada
Contractor
Address PO Box 2748
Contractor
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2400
Signed [signature]
By driller performing actual drilling on site or contractor
Date 3-9-12

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

NAD27 40.614279°N, 115.973507°W