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

OFFICE USE ONLY
Log No. 116836
Permit No.
Basin 153

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. 70093

1. OWNER Barrick
MAILING ADDRESS PO box 676
Eureka, NV 89316

ADDRESS AT WELL LOCATION Ruby Hill Mine
Highway 50 & SR 27'8
Subdivision Name: County Eureka

2. LOCATION SW ¼ SW ¼ Sec 10 T 19 N R 53 E
PERMIT/WAIVER No. MO / 1875 Issued by Water Resources
Parcel No.
Latitude
Longitude
UTM E 586126.5 ☐ NAD 27
N 4375531.4 ☑ 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 Hole #BRH-585	Water Strata	From	To	Thickness
Waste dump at mine site		0	225	225
Alluvium		225	330	105
Intrusive		330	360	30
Limestone		360	405	45
Calcareous shale,		405	720	315
Dolomite		720	1200	480

NAD27
39.5235189°N
115.9970410°W

Date started 5/15, 20 13
Date completed 5/21, 20 13

7. Water Level
Static water level: 690 feet below land surface
Artesian Flow: NA G.P.M. NA P.S.I.
Water Temperature: Cool °F
Quality:

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
At TD	32		

9. WELL CONSTRUCTION
Depth Drilled 1200' Feet Depth Cased 1200' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
8 5/8"	Inches	0	Feet	300'	Feet
6.75"	Inches	300'	Feet	1200'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.25" steel	+2'	300'
2"		.25" PVC	+1.5'	1200'

Perforations:
Type of perforation Horizontal slot
Size of perforation .020
From 1180' feet to 1200' 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 80	☑ Pumped	☐ Poured
☑ Cement Grout	80 to 1168	☑ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☐ ≥30% Bentonite Grout	to	☐ Pumped	☐ Poured

Gravel Pack: ☑ Yes ☐ No 1178 to 1200 ☑ Pumped ☐ Poured
Type: 1/4" gravel
Bentonite Chips: ☑ Yes ☐ No 1168 to 1178 ☑ Pumped ☐ Poured
Type: 1/2" coated bentonite pellets

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 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 8330
Signed
By driller performing actual drilling on site or contractor
Date 6/17/13

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USE ADDITIONAL SHEETS IF NECESSARY