STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115353
Permit No.
Basin 054

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. 67579

1. OWNER Barrick Cortez Mine — well name: AW-15
MAILING ADDRESS HC 66, Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Pipeline Mine
Crescent Valley, NV
Subdivision Name: County: Lander

2. LOCATION SW¼SW¼ Sec05T27N/ R47E
PERMIT/WAIVER NO. W/S-1082A — well spacing order
Issued by Water Resources / Parcel. No.

Latitude
Longitude
UTM E 524581 ☒ NAD 27
N 4453406 ☐ NAD 83/WGS 84

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

4. PROPOSED USE
☐ Domestic ~~☒ Municipal/Industrial~~ (Dewatering) ☐ Irrigation ☐ Test
☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other Flooded Rev

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	80	80
Alluvium w/gravel		80	100	20
Alluvium w/clay		100	300	200
Alluvium w/gravel		300	320	20
Alluvium w/clay		320	400	80
Clay		400	460	60
Alluvium w/clay		460	480	20

Date started: November 9, 20 11
Date completed: November 21, 20 11

9. WELL CONSTRUCTION
Depth Drilled 480 Feet Depth Cased 480 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	80 Feet
19 Inches	80 Feet	480 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	21.76	.375	0	80
12.75	12.5	.375	+2	480

Perforations:
Type of perforation Louver
Size of perforation .080
From 300 feet to 420 feet
From 440 feet to 480 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☒ Pumped ☐ Poured
☒ Cement Grout 50 to 270 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 270 to 480 ☐ Pumped ☒ Poured
Type: 1/4" SRI Supreme
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 366 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: 64 °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
10	N/A	72

40.232622°N NAD27
116.711055°W

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 Drilling Services (CONTRACTOR)
Address 2745 California Avenue (CONTRACTOR)
Salt Lake City, 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 2142
Signed
By driller performing actual drilling on site or contractor
Date January 6, 2012