STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116489
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. 67582

1. OWNER Barrick Cortez Mine AW-18
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 NW¼SE¼ Sec05T27N/ R47E
PERMIT/WAIVER NO. W/S-1082A (ORDER NO.)
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E 525532 ☒ NAD 27
N 4453915 ☐ NAD 83/WGS 84

3. WORK 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 Flooded Rev

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	175	175
Alluvium w/clay		175	185	10
Alluvium		185	285	100
Clay		285	290	5
Alluvium		290	310	20
Clay		310	510	200
Clay w/gravel		510	710	200

Date started: September 14, 20 11
Date completed: September 27, 20 11

9. WELL CONSTRUCTION
Depth Drilled 710 Feet Depth Cased 700 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	80 Feet
19 Inches	80 Feet	710 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	700

Perforations:
Type of perforation Louver
Size of perforation .080
From 300 feet to 640 feet
From 680 feet to 700 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 289 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 289 to 710 ☐ Pumped ☒ Poured
Type: 1/4 SRI Supreme
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 228 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
375	N/A	1

40.237179°N NAD27
116.699856°W Dec/Deg

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 Ave (CONTRACTOR)
Salt Lake City, UT
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 10/03/2011