STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115354
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. 67583

1. OWNER Barrick Cortez Mine — well name: AW-19
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 NW¼NW¼ Sec08T27N/ R47E
PERMIT/WAIVER NO. W/S-1082A — "well spacing order"
Issued by Water Resources Parcel. No.

Latitude
Longitude

UTM E 524825 ☒ NAD 27
N 4453091 ☐ NAD 83/WGS 84

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

4. PROPOSED USE
☐ Domestic (Dewater) ☐ 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	30	30
Gravel		30	40	10
Alluvium w/clay		40	180	140
Alluvium w/gravel		180	230	50
Alluvium w/clay		230	280	50
Alluvium w/gravel		280	300	20
Clay		300	385	85
Alluvium w/clay		385	415	30
Gravel		415	420	5
Clay		420	460	40
Alluvium		460	560	100
Alluvium w/clay		560	710	150
Limestone		710	712	2

Date started: November 23, 20 11
Date completed: December 5, 20 11

9. WELL CONSTRUCTION

Depth Drilled 700 Feet Depth Cased 712 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	80 Feet
19 Inches	80 Feet	712 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 100 feet to 640 feet
From 660 feet to 700 feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 90 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 90 to 712 ☐ Pumped ☒ Poured
Type: 1/4" SRI Supreme
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 160 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: 60 °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
450	160	72

40. 229776°N NAD27
116. 708199°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

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