STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116312
Permit No. 77179
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. 67847

well name: DW-11

1. OWNER Barrick Cortez Mine
MAILING ADDRESS HC-66, Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Cortez Hills Mine
West of Crescent Valley NV.
Subdivision Name: County: Lander

2. LOCATION SE¼NE¼ Sec31T27N/ R48E
PERMIT/WAIVER NO. W/S 77179 (Issued by Water Resources) Order 1189 (Parcel. No.)

Latitude
Longitude
UTM E 534152 ☒ NAD 27
N 4446371 ☐ 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
Grey Rock		0	20	20
Tan Rock W/Clay		20	50	30
Grey Rock W/Clay		50	80	30
Tan Rock W/Clay		80	370	290
Grey Rock W/Clay		370	800	430
Grey Clay W/Rock		800	830	30
Grey Rock W/Some Clay		830	1200	370
Dark Grey Rock		1200	1250	50
Grey Clay W/Rock		1250	1270	20
Grey Rock		1270	1600	330
Grey Clay W/Rock		1600	1670	70
Grey Rock		1670	1820	150

Date started: April 11, 20 12
Date completed: June 18, 20 12

RECEIVED 2012 JUN 28 AM 11:00 STATE ENGINEERS OFFICE

9. WELL CONSTRUCTION

Depth Drilled 1820 Feet Depth Cased 1800 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
31 Inches	0 Feet	120 Feet
24 Inches	120 Feet	1820 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26	102.62	.375	0	120
14	54.57	.375	+2	1800
2.375	3.65	.145	+2	1780

Perforations:
Type of perforation Louvered
Size of perforation .125
From 900 feet to 1800 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 375 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 700 to 1820 ☐ Pumped ☒ Poured
Type: 3/4 SRI

Bentonite Chips: ☒ Yes ☐ No 375 to 700 ☒ Pumped ☐ Poured
Type: 3/8" Hole Plug

7. Water Level

Static water level: 954 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: Cool °F
Quality: Good

8. WELL TEST DATA

TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
120	N/A	120

40. 168905°N NAD 27
116. 598926°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 (CONTRACTOR)
Address 2745 California Ave (CONTRACTOR)
SLC, 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 2350
Signed (By driller performing actual drilling on site or contractor)
Date June 22, 2012