STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118170
Permit No.
Basin Ø53

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. 68983

1. OWNER Barrick Cortez Mine GRPZ-26
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Pine Valley
Hydrographic basin
Subdivision Name: County: Eureka

2. LOCATION NW¼SE¼ Sec34T26N/ R49E
PERMIT/WAIVER NO. m/o-1814 (Issued by Water Resources) Parcel. No.

Latitude
Longitude
UTM E 548235 ☒ NAD 27
N 4437878 ☐ 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	40	40
Tan Clay		40	70	30
Sand		70	80	10
Tan Clay		80	90	10
Gravel		90	110	20
Gravel	x	110	130	20
Alluvium		130	390	260
Clay		390	410	20
Alluvium		410	620	210

RECEIVED 2012 MAY 21 PM 1:22 STATE ENGINEERS OFFICE

Date started: May 4, 20 12
Date completed: May 9, 20 12

7. Water Level
Static water level: 130 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

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

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

NAD27 40.091842°N
116.434260°W

9. WELL CONSTRUCTION
Depth Drilled 620 Feet Depth Cased 600 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	40 Feet
6.5 Inches	40 Feet	620 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
2.375	.98	.218	+1	600
10.75	28.04	.250	+1	35

Perforations:
Type of perforation Slotted
Size of perforation .025
From 400 feet to 600 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 60 ☒ Pumped ☐ Poured
☒ Cement Grout 60 to 388 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 398 to 620 ☐ Pumped ☒ Poured
Type: 1/4 x 1/8 SRI
Bentonite Chips: ☒ Yes ☐ No 388 to 398 ☒ Pumped ☐ Poured
Type: 3/8 hole plug

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 (CONTRACTOR)
Address 2745 W California Ave (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 2462
Signed
By driller performing actual drilling on site or contractor
Date May 15, 2012

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk • (214) 340-9429 • FormsOnADisk.com