STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 106413
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. 61728

1. OWNER Barrick Cortez Mines DB30
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Mine, south of Crescent Valley, NV
Subdivision Name: NA County: Lander

2. LOCATION NW¼NW¼ Sec8T27N/ R47E
PERMIT/WAIVER NO. W/S-1082A (order) Issued by Water Resources
NA Parcel. No.

Latitude 40.230342 UTM E 524629.09 ☒ NAD 27
Longitude 116.710500 N 4453153.13 ☐ 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
Alluvial Gravel & Clay		0'	703'	703'
Tan Rock		703'	730'	27'
Light Brown & Tan Rock		730'	820'	90'
Brown, Tan & Black Rock		820'	850'	30'
No Sample		850'	1320'	470'
Black Rock & Calcite		1320'	2005'	685'

Date started: 09-May, 20 08
Date completed: 14-June, 20 08

7. Water Level
Static water level: 1035 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 92 °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
396.0	1.40	1.0

9. WELL CONSTRUCTION
Depth Drilled 2005 Feet Depth Cased 1988 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
46.00 Inches	0 Feet	40 Feet
34.00 Inches	40 Feet	700 Feet
24.00 Inches	700 Feet	2010 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40.00	210.90	.500	0	40
34.00	178.80	.500	0	700
18.00	70.59	.375	+2	1988

Perforations:
Type of perforation Full Flo
Size of perforation .125
From 306 feet to 346 feet
From 626 feet to 666 feet
From 947 feet to 987 feet
From 1187 feet to 1988 feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0' to 200' ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 200 to 2005 ☐ Pumped ☒ Poured
Type: 5/8 SRI
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

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 P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802
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 2233
Signed
By driller performing actual drilling on site or contractor
Date 16-Jun-08

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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