STATE OF NEVADA
DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 118121
Permit No.
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

Please complete this form it its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 64761

1. OWNER Barrick Cortez Mine CHPZ-186
MAILING ADDRESS HC 66 Box 1250 Crescent Vally, NV 89821
ADDRESS AT WELL LOCATION Cortez Hills Mine Site

2. LOCATION SW ¼ SW ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. M/O-1685 (Issued by Water Resources) Parcel No.
Latitude 532755 Longitude 4445489 UTM E N
☑ NAD 27 ☐ NAD 83/WGS 84
Subdivision Name: County: Lander

3. WORKED 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
conglomerate		0	600	600
limestone		600	680	80
conglomerate		680	800	120
limestone		800	2810	2010
intrusive		2810	2850	40
limestone		2850	3080	230
intrusive		3080	3145	65
Drilled 6 1/2" from 2860 to 3145				
Hole Stability Issues Client				
Decided to Halt Drilling and				
Abandon hole.				
Neat Cement -		0	2750	2750
Hole Plug-		2750	2860	110
Aqua Guard-		2860	3145	285

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Date started 30-Jan , 20 12
Date completed 23-Apr , 20 12

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

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

NAD27 40.161010°N
116.615377°W

8. WELL CONSTRUCTION
Depth Drilled 3145 Feet Depth Cased 2860 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
24	Inches	0	Feet	55	Feet
17.5	Inches	55	Feet	1005	Feet
12.25	Inches	1005	Feet	2860	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	80	.375	0	55
14	55	.375	0	1005
7 5/8	28	.375	0	2860

Perforations:
Type of perforation none
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 55
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☐ Yes ☑ No
From feet to.. feet

9. WATER LEVEL
Static water level 1600 feet below land surface
Artesian flow G.P.M P.S.I
Water temperature 98.4 °F Quality clear

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 West California Ave. (Contractor)
Salt Lake City, UT 84104
Nevada contractor's license number issued by the *State Contractor's Board* 021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 1488 ~~1148~~
Signed Scott Krug (By driller performing actual drilling on site or contractor)
Date 4/23/12

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY