

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

OFFICE USE ONLY  
Log No. 116980  
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. 67567

1. OWNER **Barrick Cortez Mines** DB-34 ADDRESS AT WELL LOCATION **Cortez Pipeline Mine**  
MAILING ADDRESS **HC 66 Box 1250** West of Crescent Valley  
**Crescent Valley, NV 89821** Subdivision Name: \_\_\_\_\_ County: **Lander**

2. LOCATION **SE 1/4 NW 1/4 Sec 8 T27N R47E** Latitude \_\_\_\_\_ UTM E **524933**  NAD 27  
PERMIT/WAIVER NO. **Well Spacing #1082-AB** Longitude \_\_\_\_\_ N **4452769**  NAD 83/WGS 84  
*Issued by Water Resources* Parcel No. \_\_\_\_\_

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
Alluvial rock & clay		0	814	814
Brown rock & clay		814	937	123
Brown & black rock		937	1080	143
Brown, grey, & black rock	x	1080	1220	140
Brown & black rock		1220	1360	140
Black & grey rock		1360	1440	80
Black rock		1440	1460	20
Black, grey & white rock		1460	1760	300
Black & brown rock		1760	1780	20
Black & white rock		1780	1820	40
Black rock		1820	1920	100
Black & grey rock		1920	2020	100
Grey, brown & white rock		2020	2051	31

Tools stuck in hole \_\_\_\_\_

Blasted rods and left tools behind \_\_\_\_\_

Neat cement \_\_\_\_\_ 0 50 50

Clean native fill \_\_\_\_\_ 50 674 624

3/4 hole plug \_\_\_\_\_ 674 1140 466

Abandonite around tools \_\_\_\_\_ 1140 1620 480

Clean 3/8 gravel \_\_\_\_\_ 1620 2051 431

Page 1

Date started: **August 19, 2011**

Date completed: **November 4, 2011**

9. WELL CONSTRUCTION

Depth Drilled **2051** Feet Depth Cased **0** Feet

HOLE DIAMETER (BIT SIZE)

From	To
48 Inches	0 Feet 78 Feet
40 Inches	78 Feet 816 Feet
31 Inches	816 Feet 862 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40	210.93	.500	0	78
34	178.89	.500	0	816
26	202.25	.750	720	862

Perforations:

Type of perforation **N/A**

Size of perforation **N/A**

From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Annular Seal:  Yes  No

Neat Cement See to detail  Pumped  Poured

Cement Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Concrete Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

≥30% Bentonite Grout \_\_\_\_\_ to \_\_\_\_\_  Pumped  Poured

Gravel Pack:  Yes  No See to detail  Pumped  Poured

Type: \_\_\_\_\_

Bentonite Chips:  Yes  No See to detail  Pumped  Poured

Type: \_\_\_\_\_

7. Water Level

Static water level: **1140** feet below land surface

Artesian Flow: **N/A** G.P.M. **N/A** P.S.I.

Water Temperature: **N/A** °F

Quality: **N/A**

8. WELL TEST DATA

TEST METHOD:	Draw Down		
	G.P.M.	(Feet Below Static)	Time (Hours)
<b>N/A</b>			
<i>NAD25</i>			
<i>40.22 @ 877' on</i>			
<i>116.2 @ 912' on</i>			

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 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 **2233**

Signed \_\_\_\_\_  
By driller performing actual drilling on site or contractor

Date **November 16, 2011**