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

OFFICE USE ONLY
Log No. 110365
Permit No.
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 63577

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

ADDRESS AT WELL LOCATION Crossroads - Pipeline
Subdivision Name: County: Lander

2. LOCATION NE ¼ SE ¼ Sec 5 T 27N N/S R 47 E
PERMIT/WAIVER No. M/O-1616
Issued by Water Resources
Parcel No.

Latitude 40.236334 °N
Longitude 116.693818 °W
NAD 27 (TN)
UTM E 526046 [X] NAD 27
N 4453823 [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [X] RVC
[ ] Air [ ] Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Overburden		0	40	40
Alluvium & Clay		40	980	940
Bed Rock		980	1000	20

Date started: 14-Feb , 20 10
Date completed: 19-Feb , 20 10

7. Water Level
Static water level: 900 feet below land surface
Artesian Flow: No G.P.M. n/a P.S.I.
Water Temperature: Warm °F
Quality: Clean

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [X] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
960	5	960	1 hr

9. WELL CONSTRUCTION
Depth Drilled 1000 Feet Depth Cased 1000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14"	Inches	0	Feet	40	Feet
7 7/8	Inches	40	Feet	1000	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8		.988	0	40
2"		Sch 80 PVC Blank	+2	960
2"		Slotted PVC & End Cap	960	1000

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 960 feet to 1000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [X] Yes [ ] No
[X] Neat Cement 0 to 60 [X] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured
Gravel Pack: [X] Yes [ ] No 958 to 1000 [ ] Pumped [X] Poured
Type: 1/4 Gravel
Bentonite Chips: [X] Yes [ ] No 60 to 958 [ ] Pumped [ ] Poured
Type: EZ-Seal #8

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 Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803
Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2383
Signed Joel Nally by SS
By driller performing actual drilling on site or contractor
Date 2/19/2010

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY