STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 110367
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. 63576

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 SE 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 40.234208°N
Longitude 116.693827°W
NAD 27 (TM)
UTM E 526046 [X] NAD 27
N 4453587 [ ] 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	50	50
Alluvium & Clay		50	1095	1045

Date started: 8-Feb , 20 10
Date completed: 13-Feb , 20 10

9. WELL CONSTRUCTION
Depth Drilled 1095 Feet Depth Cased 1095 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14"	Inches	0	Feet	50	Feet
7 7/8	Inches	50	Feet	1095	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	50
2"		Sch 80 PVC Blank	+2	1055
2"		Slotted PVC & Cap	1055	1095

Perforations:
Type of perforation Slotted
Size of perforation 0.02
From 1055 feet to 1095 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 1053 to 1095 [ ] Pumped [X] Poured
Type: 1/4 Gravel
Bentonite Chips: [X] Yes [ ] No 60 to 1053 [ ] Pumped [ ] Poured
Type: EZ-Seal #8

7. Water Level
Static water level: 1000 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)
~~1055~~ 5	1055	1 hr

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 Tally by SS
By driller performing actual drilling on site or contractor
Date 2/13/2010

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY