Well name: GRPZ-01

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

OFFICE USE ONLY
Log No. 115364
Permit No.
Basin 053

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. 67373

1. OWNER Barrick Cortez Goldstrike
MAILING ADDRESS HC 66 Box 1250 Crescent Valley, NV 89821
ADDRESS AT WELL LOCATION Gold Ridge / Cortez Mine
GRPZ-01 well name

2. LOCATION SW ¼ nw ¼ Sec 34 T 27N N/S R 48 E
PERMIT/WAIVER No. m/o 1723 *Issued by Water Resources* Parcel No.
Latitude
Longitude
Subdivision Name:
UTM E 537577 N 4446114 ☑ NAD 27 ☐ NAD 83/WGS 84
County: Eureka

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 |
|---|---|---|---|---|
| Overburden | | 0 | 100 | 100 |
| Brown/Gray | | 100 | 820 | 720 |
| Quartzite | | 820 | 980 | 160 |
| Limestone | | 980 | 1020 | 40 |
| Quartzite | | 1020 | 1560 | 540 |
| Limestone | | 1560 | 2000 | 440 |
| Gray/Black | | 2000 | 2800 | 800 |
| Black/White | | 2800 | 3220 | 420 |
| Gray/White | | 3220 | 3640 | 420 |
| Black/White | | 3640 | 3960 | 320 |

Date started 9, Sep , 20 11
Date completed 23,Nov , 20 11

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

| | G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|---|
| 3960 | 5 | | 2 |

8. WELL CONSTRUCTION
Depth Drilled 3960 Feet Depth Cased 3960 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 17 1/2 | Inches | 0 | Feet | 60 | Feet |
| 9 7/8 | Inches | 60 | Feet | 2700 | Feet |
| 9 5/8 | Inches | 2700 | Feet | 3960 | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 12 | | 0.375 | 0 | 60 |
| 2 3/8 | | 0.187 blank | +2 | 3500 |
| 2 3/8 | | 0.187 screen | 3500 | 3960 |

Perforations:
Type of perforation Slotted
Size of perforation 0.01
From 3500 feet to 3960 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 100 feet
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 3498 feet to 3960 feet

9. WATER LEVEL
Static water level 1100 feet below land surface
Artesian flow NA G.P.M NA P.S.I
Water temperature Cool °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 Nevada (Contractor)
Address PO Box 2748 Elko, NV 89803 (Contractor)
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* 2883
Signed (By driller performing actual drilling on site or contractor)
Date 11-29-11

(Rev. 06/10)

40.166443°N
116.558720°W
NAD27

USE ADDITIONAL SHEETS IF NECESSARY