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

OFFICE USE ONLY
Log No. 120434
Permit No.
Basin 053

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. 70507

1. OWNER Barrick- Cortez
MAILING ADDRESS P.O Box 2706 Elko Nv 89803

ADDRESS AT WELL LOCATION Barrick-Cortez Mill Canyon MCMW-01
HC 66 Box 1250 Crescent Valley Nv 89821-1259
Subdivision Name: County: Lander

2. LOCATION NE ¼ SE ¼ Sec 18 T 27 N/S R 48 E
PERMIT/WAIVER No. MO-1921
Issued by Water Resources Parcel No.

Latitude
Longitude
UTM E 534293 ☑ NAD 27
N 4450662 ☐ NAD 83/WGS 84

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
Tan and gray gravel	X	0	285	285

NAD 27
40.207972
116.596839

Date started: June 16, 20 14
Date completed: June 19, 20 14

9. WELL CONSTRUCTION
Depth Drilled 285 Feet Depth Cased 285 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10.25	Inches	0	Feet	285	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5		SCH 80	+2.5	285

Perforations:
Type of perforation Slot
Size of perforation .020
From 285 feet to 245 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☑ Yes ☐ No
☑ Neat Cement 21 to 0 ☐ Pumped ☑ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☑ Yes ☐ No 285 to 243 ☐ Pumped ☑ Poured
Type: 8-12 sand
Bentonite Chips: ☑ Yes ☐ No 243 to 21 ☐ Pumped ☑ Poured
Type: Pel-Plug 243-188 3/8hole plug 188-21

7. Water Level
Static water level: 179 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: 60 °F
Quality: Good

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
2-3/8 pipe	30		7hr

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* 0021976
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2446
Signed (By driller performing actual drilling on site or contractor)
Date 6/20/14

(Rev. 01-06)

USE ADDITIONAL SHEETS IF NECESSARY