STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 112136
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. 66014

1. OWNER Barrick Cortez CHPZ-163
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV. 89821

ADDRESS AT WELL LOCATION Crescent Valley
Subdivision Name: County: Lander

2. LOCATION SW¼SW¼ Sec31T27N/ R48E
PERMIT/WAIVER NO. M/O-1634
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E 532915 ☒ NAD 27
N 4445641 ☐ NAD 83/WGS 84

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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0	520	520
Black Rock		520	690	170
White, Brown & Black Rock		690	700	10
NAD-27 GPS				
40.162377°N				
116.613490°W				
Construction Details				
Neat Cement		0	50	50
3/8" Holeplug		50	493	443
1/4" Silca Sand		493	505	12
3/8" Holeplug		505	598	93
1/4" Silica Sand		598	700	102
Vibrating wire transducer @ 500'				

Date started: October 14, 20 10
Date completed: October 20, 20 10

9. WELL CONSTRUCTION
Depth Drilled 700 Feet Depth Cased 700 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.75 Inches	0 Feet	20 Feet
6.75 Inches	20 Feet	700 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.750	28.04	.250	+1	19
2.375	.96	.218	+1	700

Perforations:
Type of perforation Slotted
Size of perforation .020
From 600 feet to 700 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 50 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 493 to 505 ☒ Pumped ☐ Poured
Type: See Details
Bentonite Chips: ☒ Yes ☐ No 505 to 598 ☒ Pumped ☐ Poured
Type: See Details

7. Water Level
Static water level: 357 feet below land surface
Artesian Flow: 0 G.P.M. P.S.I
Water Temperature: 66 °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
11.5	N/A	6.5

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 (CONTRACTOR)
Address 2745 California Ave (CONTRACTOR)
SLC., UT., 84114
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 2258
Signed
By driller performing actual drilling on site or contractor
Date October 25, 2010

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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