STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116969
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. 67827

1. OWNER Barrick Cortez CHPZ-237
MAILING ADDRESS HC66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Barrick Cortez Hills
Crescent Valley, NV
Subdivision Name: County: Lander

2. LOCATION SW¼SW¼ Sec32T27N/ R48E
PERMIT/WAIVER NO. M/O- 1717
Issued by Water Resources Parcel. No.

Latitude
Longitude

UTM E 534462 ☒ NAD 27
N 4445659 ☐ 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
Aluvium		0	250	250
Silicified limestone		250	2050	1800
Quartz monzonit		2050	2300	250
40.162477°N NAD27				
116.595324°W Deg/Deg				
Transducer @ 1480				
Grout		0	20	20
3/8 hole plug		20	700	680
Grout		700	1443	743
3/8 hole plug		1443	1463	20
1/4 gravel		1463	1513	50
3/8 hole plug		1513	1625	112
Grout		1625	2015	390
3/8 hole plug		2015	2035	20
1/4 gravel		2035	2300	265

Date started: November 1, 20 11
Date completed: November 13, 20 11

9. WELL CONSTRUCTION
Depth Drilled 2300 Feet Depth Cased 2260 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
20 Inches	0 Feet	18 Feet
6.75 Inches	18 Feet	2020 Feet
6.50 Inches	2020 Feet	2300 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	42.05	.250	+2	18
2.375	.958	.218	+2	2260

Perforations:
Type of perforation Slot Cut
Size of perforation .020
From 2060 feet to 2260 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 0 to 20 ☐ Pumped ☒ Poured
Gravel Pack: ☒ Yes ☐ No 2035 to 2280 ☐ Pumped ☒ Poured
Type: 1/4 SRI 1463 to 1513
Bentonite Chips: ☒ Yes ☐ No See to Detail ☒ Pumped ☐ Poured
Type: 3/8 Chips

7. Water Level
Static water level: 1245 feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I
Water Temperature: 60 °F
Quality: N/A

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
.75	N/A	18

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 Drilling Services (CONTRACTOR)
Address 2745 California Ave (CONTRACTOR)
Salt Lake City, UT 84104
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 2308
Signed
By driller performing actual drilling on site or contractor
Date November 15, 2011

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