STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 105655
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. 61696

1. OWNER Barrick Cortez Inc. DB29
MAILING ADDRESS HC66, Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Barrick Cortez Minesite
East of Crescent Valley, NV
Subdivision Name: N/A County: Lander

2. LOCATION SE¼NW¼ Sec5T27N/ R47E

PERMIT/WAIVER NO. 51743 (Issued by Water Resources) N/A (Parcel. No.)

Latitude
Longitude
UTM E 525141.5 42 ☒ NAD 27
N 4454255.54 ☐ 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
Alluvial Sand, Gravel, Clay		0'	507'	507'
Black & Brown Rock		507'	540'	33'
Black & Brown Rock w/Clay		540'	660'	120'
Black, Brown & White Rock		660'	680'	20'
Black & Brown Rock		680'	900'	220'
Black & White Rock		900'	988'	88'
No Sample		988'	1052'	64'
Black & Brown Rock		1052'	1198'	146'
No Sample		1198'	1340'	142'
Black & White Rock		1340'	1660'	320'
Black Rock		1660'	1760'	100'
Black & White Rock		1760'	1940'	180'

N40.240259
W 116.704433 NAD27

Date started: 11-Jan, 20 08
Date completed: 21-Feb, 20 08

9. WELL CONSTRUCTION
Depth Drilled 1940 Feet Depth Cased 1920 40 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
40.0 Inches	0 Feet	40 Feet
34.0 Inches	40 Feet	477 Feet
22.0 Inches	477 Feet	1940 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
40.0	210.93	.500	0	40
34.0	177.21	.500	0	477
18.0	70.59	.375	0	1940

Perforations:
Type of perforation Louvered
Size of perforation .125
From 279.0 feet to 319.0 feet
From 559.0 feet to 599.0 feet
From 839.0 feet to 879.0 feet
From 1119.0 feet to 1920.0 feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0' to 202' ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 202' to 1940' ☐ Pumped ☒ Poured
Type: 1/2 x 3/4 SRI

Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 1095 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 98 °F
Quality: Fair

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
408	0	2.0

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 P.O. Box 5279 (CONTRACTOR)
Elko, NV 89802-5279
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 2233
Signed
By driller performing actual drilling on site or contractor
Date 22-Feb-08

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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