

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

OFFICE USE ONLY
Log No. 114368
Permit No. 054
Basin

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. 65814

1. OWNER Barrick Cortez Mine CHPZ-177 ADDRESS AT WELL LOCATION Cortez Hills Minesite
MAILING ADDRESS HC66 Box 1250 South of Crescent Valley, NV
Crescent Valley, NV 89821
2. LOCATION SE 1/4 NW 1/4 Sec 6 T26N R48E
Latitude UTM E 533281 NAD 27
PERMIT/WAIVER NO. M/O- 1686 Longitude N 4444688 NAD 83/WGS 84

3. WORK PERFORMED
4. PROPOSED USE
5. WELL TYPE

6. LITHOLOGIC LOG
Table with columns: Material, Water Strata, From, To, Thickness
Conglomerate, Lime Stone, Tuff, Lime Stone
7 5/8" and 2" Sounder Detail
Neat cement - pumped, 1/4" gravel pack - pumped, Neat cement - pumped
40. 1537730N NAD 27
46. 6092420W

9. WELL CONSTRUCTION
Depth Drilled 1610 Feet Depth Cased 1400 Feet
HOLE DIAMETER (BIT SIZE)
From To
20.50 Inches 0 Feet 40 Feet
14.750 Inches 40 Feet 1160 Feet

CASING SCHEDULE
Table with columns: Size O.D. (Inches), Weight/Ft. (Pounds), Wall Thickness (Inches), From (Feet), To (Feet)
16, 42.05, .250, +2, 40
7.625, 29.03, .375, +2, 1160
2.375, 5.02, .218, +2, 1060

Perforations:
Type of perforation Slot
Size of perforation .20
From 920 feet to 1020 feet

Annular Seal: Yes No
Neat Cement 0' to 40' Pumped Poured
Cement Grout to Poured Poured
Concrete Grout to Poured Poured
≥30% Bentonite Grout to Pumped Poured
Gravel Pack: Yes No See to Detail Pumped Poured
Type:
Bentonite Chips: Yes No See to Detail Pumped Poured
Type:

Date started: June 22, 20 11
Date completed: July 14, 20 11

7. Water Level
Static water level: 1021 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality:

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)

8. WELL TEST DATA
TEST METHOD: Bailer Pump Air Lift
G.P.M. Draw Down (Feet Below Static) Time (Hours)
N/A

Address 2745 California Ave (CONTRACTOR)
SLC, 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 2350
Signed [Signature]
By driller performing actual drilling on site or contractor
Date August 15, 2011

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1. OWNER Barrick Cortez Mine CHPZ177 ADDRESS AT WELL LOCATION Cortez Hills Minesite
MAILING ADDRESS HC66 Box 1250 South of Crescent Valley, NV
Crescent Valley, NV 89821
Subdivision Name:
County: Lander
2. LOCATION SE1/4NW1/4 Sec6T26N/ R48E Latitude UTM E 533281 NAD 27
PERMIT/WAIVER NO. M/O 1686 Longitude N 4444688 NAD 83/WGS 84
Issued by Water Resources Parcel No.
3. WORK PERFORMED 4. PROPOSED USE 5. WELL TYPE
[X] New Well [] Replace [] Recondition [] Domestic [] Irrigation [] Test [] Cable [] Rotary [] RVC
[] Deepen [] Other [] Municipal/Industrial [X] Monitor [] Stock [] Air [X] Other Flooded Rev

6. LITHOLOGIC LOG
Table with columns: Material, Water Strata, From, To, Thickness
2" Monitor Detail
Neat Cement 0 50 50
3/8 hole plug - pumped 50 60 10
Abantonite 60 1140 1080
3/8 hole plug - pumped 1140 1220 80
1/4" gravel - pumped 1220 1240 20
3/8 hole plug - pumped 1240 1348 108
1/4 gravel - pumped 1348 1410 62
3/8 hole plug - pumped 1410 1610 200
Transducer set at 1230
40.153777°N NAD27
116.609242°W

9. WELL CONSTRUCTION
Depth Drilled 1610 Feet Depth Cased 1400 Feet
HOLE DIAMETER (BIT SIZE)
From 6.500 Inches To 1160 Feet 1605 Feet
CASING SCHEDULE
Size O.D. (Inches) 2.375 Weight/Ft (Pounds) .95 Wall Thickness (Inches) .218 From (Feet) +2 To (Feet) 1400
Perforations:
Type of perforation Slotted
Size of perforation .020
From 1360 feet to 1400 feet
Annular Seal: [X] Yes [] No
[X] Neat Cement 0 to 50 [X] Pumped [] Poured
[] Cement Grout to [] Pumped [] Poured
[] Concrete Grout to [] Pumped [] Poured
[] ≥30% Bentonite Grout to [] Pumped [] Poured
Gravel Pack: [X] Yes [] No See to Detail [X] Pumped [] Poured
Bentonite Chips: [X] Yes [] No See to Detail [] Pumped [] Poured

Date started: June 22, 20 11
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7. Water Level
Static water level: 1021 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: Cool °F
Quality:

8. WELL TEST DATA
TEST METHOD: [] Bailer [] Pump [] Air Lift
Draw Down (Feet Below Static) Time (Hours)
G.P.M.
N/A

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 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 2350
Signed [Signature]
By driller performing actual drilling on site or contractor
Date August 16, 2011