

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

OFFICE USE ONLY

Log No. 105759
 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. 58873

1. OWNER Barrick Cortez Mines **PPW-07W** ADDRESS AT WELL LOCATION Cortez minesite
 MAILING ADDRESS HC66, Box 1250
Crescent Valley, NV. 89821 **7 miles west of Crescent Valley, NV.**
 Subdivision Name: N/A County: Lander

2. LOCATION NE 1/4 NW 1/4 Sec 31 T27N R48E Latitude 40° 10.270' N UTM E NAD 27
 PERMIT/WAIVER NO. 749405 Longitude 116° 36.584' W N NAD 83/WGS 84
 Issued by Water Resources Parcel. No. N/A

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 **Flooded Reverse**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Gray and brown rock		0'	270'	270'
Brown rock		270'	290'	20'
Gray rock		290'	320'	30'
Black rock		320'	370'	50'
Gray rock		370'	840'	470'
Brown rock		840'	930'	90'
Black and brown rock		930'	980'	50'
Dark gray rock		980'	1090'	110'
Light gray dike		1090'	1160'	70'
Brown and pink rock		1160'	1260'	100'
Black rock		1260'	1300'	40'
Gray and brown rock		1300'	1350'	50'
Pink and white rock		1350'	1360'	10'
Black rock		1360'	1370'	10'
Gray and brown rock		1370'	1380'	10'
Tan and orange rock		1380'	1390'	10'
Gray and white rock		1390'	1840'	450'
Black rock		1840'	1880'	40'

N40.171167
W 116.609733 NAD27

Well drilled in wrong 1/4

9. WELL CONSTRUCTION

Depth Drilled 1900 Feet Depth Cased 1880 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>20</u> Inches	<u>0</u> Feet <u>60</u> Feet
<u>14.75</u> Inches	<u>60</u> Feet <u>1900</u> Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>16</u>	<u>42.05</u>	<u>0.2500</u>	<u>0</u>	<u>60</u>
<u>8.625</u>	<u>27</u>	<u>0.1875</u>	<u>+2</u>	<u>1000</u>
<u>8.625</u>	<u>22.36</u>	<u>0.2500</u>	<u>1000</u>	<u>1880</u>

Perforations:

Type of perforation Louvered

Size of perforation 0.125"

From 1000 feet to 1880 feet

From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0' to 835' Pumped Poured

Cement Grout _____ to _____ Pumped Poured

Concrete Grout _____ to _____ Pumped Poured

=30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 835' to 1900' Pumped Poured

Type: 1/4" x 3/8" SRI

Bentonite Chips: Yes No _____ to _____ Pumped Poured

Type: _____

Date started: 04/26 20 07

Date completed: 05/27 20 07

7. Water Level

Static water level: 918 feet below land surface

Artesian Flow: _____ G.P.M. _____ P.S.I.

Water Temperature: _____ °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 Lang Exploratory Drilling (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 1716

Signed [Signature]

By driller performing actual drilling on site or contractor

Date 06/11/07

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
<u>57.6</u>	<u>19.6</u>	<u>4</u>	
_____	_____	_____	
_____	_____	_____	

[Handwritten initials]