FINALIZED MH

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

OFFICE USE ONLY
Log No. 110579
Permit No.
Basin 054 pg 1 of 3

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Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. 64095

1 OWNER Barrick / Cortez Gold Mine
MAILING ADDRESS HC 66 Box 1250
Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION Cortez Mine Site
7 Miles West of Crescent Valley PPW-06W
Subdivision Name: n/a *County:* Lander

2 LOCATION SE ¼ NW ¼ Sec 31 T 27N *N/S R* 48 *E*
PERMIT/WAIVER No. W-599 *Issued by Water Resources* *Parcel No.*

Latitude 40° 10' 4" N
Longitude 116° 36' 26" W
UTM E
N
[x] NAD 27
[ ] NAD 83/WGS 84

3 TYPE OF WELL
[ ] Domestic [ ] Irrigation [ ] Test
[x] Municipal/Industrial [ ] Monitor [ ] Stock

Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI?

Is there an existing well log? no 3646
If yes, what is NDWR well log #?

4 *EXISTING WELL CONSTRUCTION*
Depth Drilled 1591 Feet Depth Cased 1571 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	54.57	0.3750	+2	710
14	47.36	0.3125	710	790
14	38	0.4375	790	1030
14	47.36	0.3125	1030	1190

Existing Perforations:
Type of perforation Full Flo Louverd
Size of perforation 0.125

From	710	feet to	790	feet
From	1030	feet to	1190	feet
From	1470	feet to	1571	feet
From		feet to		feet
From		feet to		feet

5 *WATER LEVEL*
Static water level 1100 feet below land surface
Artesian flow No G.P.M. 12 P.S.I
Water temperature Cool °F Quality Fair

6 Additional Notes or Comments

The well was originally 1945 ft deep because of pit progress 374 ft has been moved out. Now the existing well is 1571'. (1 of 2 pgs)

NAD-27 GPS
40.167778°N
116.607222°W

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7 WELL PLUGGING PROCEDURE
Was well cleaned out to total depth? [x] yes [ ] no
If well was not cleaned out to total depth, please explain why:

Was the well contaminated? [ ] yes [x] no
Was the casing pulled? [ ] yes [x] no
Was the casing over drilled? [x] yes [ ] no
If casing was left in place, please show where additional perforations were made:

Additional Perforations:
Type of perforater used: 14" Star Perforater

From	623	feet to	710	feet	Number of perfs per linear foot 4
From		feet to		feet	Number of perfs per linear foot
From		feet to		feet	Number of perfs per linear foot
From		feet to		feet	Number of perfs per linear foot
From		feet to		feet	Number of perfs per linear foot
From		feet to		feet	Number of perfs per linear foot

8 WELL PLUGGING MATERIALS

					Material Used		
From	0	feet to	710	feet	Cement	[x] Pumped	[ ] Poured
From	710	feet to	1030	feet	3/8 Hole Plug	[x] Pumped	[ ] Poured
From	1030	feet to	1591	feet	Super Plug	[x] Pumped	[ ] Poured
From		feet to		feet		[ ] Pumped	[ ] Poured
From		feet to		feet		[ ] Pumped	[ ] Poured
From		feet to		feet		[ ] Pumped	[ ] Poured

Neat Cement Fluid Weight 15.2 lbs/gal
Bentonite Grout 30 % bentonite
Date Started 3/28/2010
Date Completed 3/30/2010

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Boart Longyear Nevada
Contractor

Address PO Box 2748
Contractor
Elko, NV 89803

Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2383

Signed J. Nally by SS
By driller performing actual drilling on site or contractor

Date 4/16/2010

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY

PLP-I

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7 Miles West of Crescent Valley PPW-06W
Subdivision Name: n/a County: Lander

2 LOCATION SE ¼ NW ¼ Sec 31 T 27N N/S R 48 E
PERMIT/WAIVER No. W-599 (Issued by Water Resources) Parcel No.

Latitude 40° 10' 4" N
Longitude 116° 36' 26" W
UTM E N
[x] NAD 27 [ ] NAD 83/WGS 84

3 TYPE OF WELL
[ ] Domestic [ ] Irrigation [ ] Test
[x] Municipal/Industrial [ ] Monitor [ ] Stock

Is this well being plugged because a replacement well was drilled? No
If yes, what is replacement well NOI?

Is there an existing well log? 103646
If yes, what is NDWR well log #?

4 EXISTING WELL CONSTRUCTION
Depth Drilled 1591 Feet Depth Cased 1571 Feet

EXISTING CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	38	0.4375	1190	1470
14	47.36	0.3125	1470	1571

Existing Perforations:
Type of perforation Wire Wrap Screen
Size of perforation 0.125

From	790	feet to	1030	feet
From	1190	feet to	1470	feet
From		feet to		feet
From		feet to		feet
From		feet to		feet

5 WATER LEVEL
Static water level 1100 feet below land surface
Artesian flow No G.P.M. 12 P.S.I
Water temperature Cool °F Quality Fair

6 Additional Notes or Comments

(Page 2 of 2)

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Additional Perforations:
Type of perforater used:

From	feet to	feet	Number of perfs per linear foot	
From	feet to	feet	Number of perfs per linear foot	
From	feet to	feet	Number of perfs per linear foot	
From	feet to	feet	Number of perfs per linear foot	
From	feet to	feet	Number of perfs per linear foot	
From	feet to	feet	Number of perfs per linear foot	

8 WELL PLUGGING MATERIALS

			Material Used		
From	feet to	feet		[x] Pumped	[ ] Poured
From	feet to	feet		[x] Pumped	[ ] Poured
From	feet to	feet		[x] Pumped	[ ] Poured
From	feet to	feet		[ ] Pumped	[ ] Poured
From	feet to	feet		[ ] Pumped	[ ] Poured
From	feet to	feet		[ ] Pumped	[ ] Poured

Neat Cement Fluid Weight lbs/gal
Bentonite Grout % bentonite

Date Started
Date Completed

9 DRILLER'S CERTIFICATION
This well was plugged and abandoned under my supervision and the report is true to the best of my knowledge.

Name Boart Longyear Nevada (Contractor)
Address PO Box 2748 (Contractor)
Elko, NV 89803

Nevada contractor's license number issued by the *State Contractor's Board* 0073086
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2383

Signed J. Nally by SS (By driller performing actual drilling on site or contractor)
Date 4/16/2010

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(Rev. 05-06)

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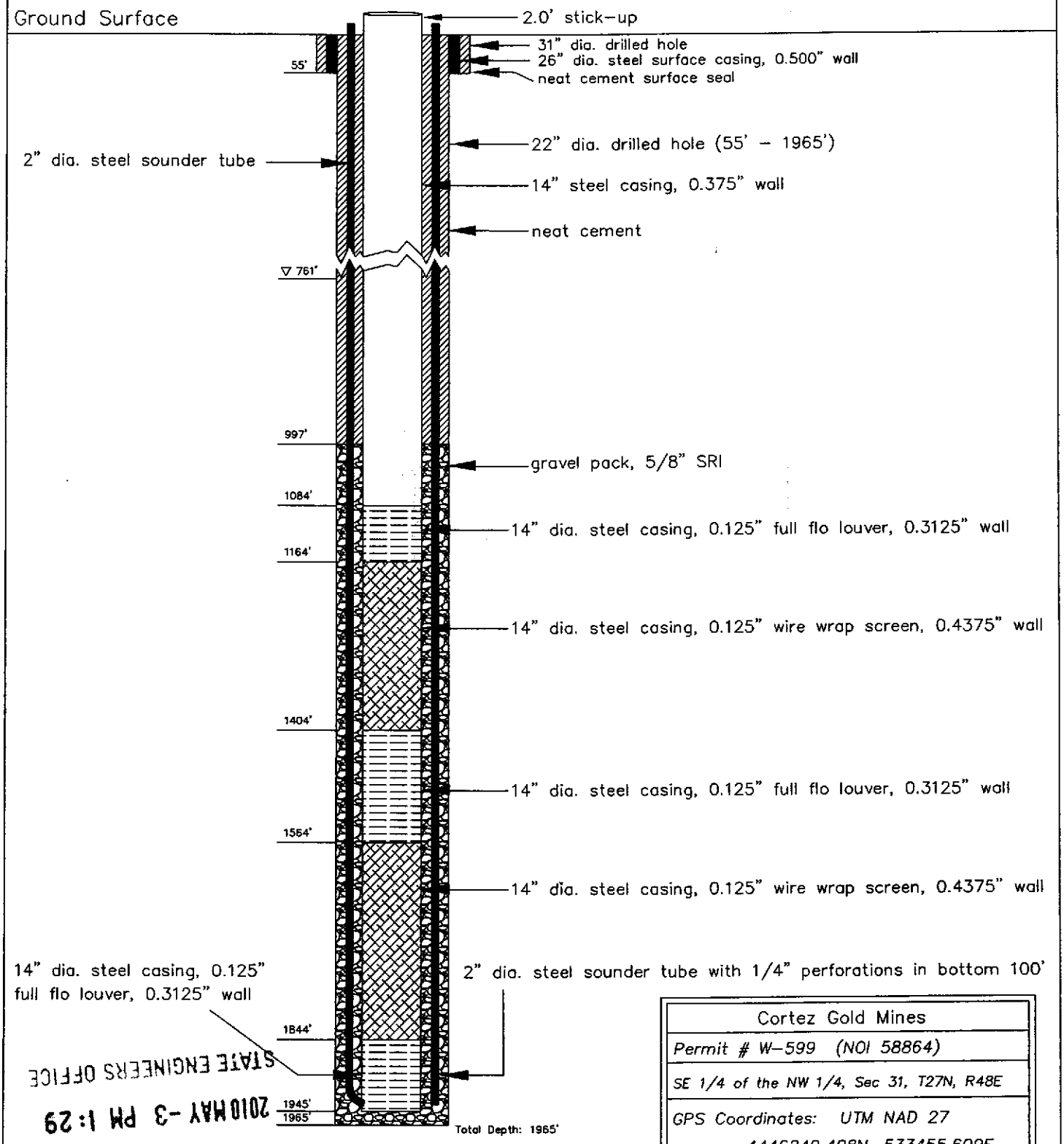
WELL CONSTRUCTION

PPW-06W



Cortez Gold Mines	
Permit # W-599 (NOI 58864)	
SE 1/4 of the NW 1/4, Sec 31, T27N, R48E	
GPS Coordinates: UTM NAD 27 *4446249.408N, 533455.609E*	
SCALE	*Vertical: 1 inch = 200 feet* *Horizontal: Not to Scale*

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