STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116404
Permit No.
Basin 054

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 67332

1. OWNER Barrick /Cortez Gold Mines
MAILING ADDRESS HC 66 Box 1250
SW Cresent Valley, NV 89821-1250

ADDRESS AT WELL LOCATION Cortez Hills Mine
Well name : chpz 165

2. LOCATION SE ¼ NE NW ¼ Sec 6 T 26N N/S R 47 48 E
PERMIT/WAIVER No. m/o 1653 (Issued by Water Resources) Parcel No.

Latitude
Longitude
UTM E 532856 ☑ NAD 27
N 4444726 ☐ NAD 83/WGS 84
Subdivision Name: County: Lander

3. WORKED 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 gravel and silt		0	50	50
volcanic tuff	X	50	1110	1060
black carbonite and silty micrite		1110	2000	890
neat cement		0	55	55
3/8's hole plug pumped		55	1898	1843
1/4 s.r.i gravel		1898	2000	102
transducer		950		-950
transducer		1360		-1360
transducer		1720		-1720

Date started July seventh , 20 11
Date completed August fifth , 20 11

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☑ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
12	n.a.	9

8. WELL CONSTRUCTION
Depth Drilled 2000 Feet Depth Cased 2000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.25	Inches	0	Feet	40	Feet
7	Inches	40	Feet	1340	Feet
6.75	Inches	1340	Feet	2000	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	23.54	.301	0	40
2.375	.958	.154	+1.5	2000

Perforations:
Type of perforation slotted
Size of perforation 0.02
From 1900 feet to 2000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 55'
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 1898 feet to 2000 feet

9. WATER LEVEL
Static water level 432 feet below land surface
Artesian flow n/a G.P.M P.S.I
Water temperature 81 °F Quality good

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name National EWP Inc. (Contractor)
Address 580 W. Sliver St. Elko NV, 89801 (Contractor)
Nevada contractor's license number issued by the *State Contractor's Board* 0075355
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2429
Signed (By driller performing actual drilling on site or contractor)
Date 8-8-11

(Rev. 06/10) USE ADDITIONAL SHEETS IF NECESSARY

40.154136°N NAD27
116.614230°W

2012 FEB 8 PM 2:39 STATE ENGINEER