STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116976
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. 66587

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

ADDRESS AT WELL LOCATION Cortez Hills Mine
Hole # CHPZ-188

2. LOCATION NE ¼ SE ¼ Sec 36 T 27N N/S R 47 E
PERMIT/WAIVER No. M/O-1687 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 532564.345 ☑ NAD 27
N 4445868.465 ☐ NAD 83/WGS 84
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
fill		0	50	50
altered rock		50	940	890
light gray rock		940	950	10
black limestone		950	1000	50
light gray rock		1000	1120	120
light gray altered rock		1120	1170	50
altered rock		1170	1260	90
black limestone		1260	1310	50
altered rock		1310	1330	20
black limestone		1330	1430	100
light gray rock	X	1430	1570	140
dark gray rock		1570	1620	50
light gray rock		1620	1730	110
light gray/green rock		1730	1880	150
dark gray rock		1880	1960	80
light and dark gray rock		1960	2120	160
dark gray rock		2120	2340	220
light gray rock		2340	2380	40
dark gray rock		2380	2530	150
light gray rock		2530	2630	100
dark gray rock		2630	2800	170
light gray rock		2800	2870	70
dark gray rock		2870	3001	131
neat cement		0	53	53
cement grout		53	2890	2837
3/8 hole plug		2890	2898	8
1/4 S.R.I. gravel		2898	3001	103

Date started 12-Sep , 20 11
Date completed 14-Oct , 20 11

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
na			

8. WELL CONSTRUCTION
Depth Drilled 3001 Feet Depth Cased 3000 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12.25	Inches	0	Feet	35	Feet
6.25	Inches	35	Feet	960	Feet
6.0	Inches	960	Feet	3001	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
7.625	23.54	.301	0	35
2.375	5.02	.218	+1.5	3000

Perforations:
Type of perforation mill slotted
Size of perforation 0.02
From 2900 feet to 3000 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 53'
Placement Method: ☐ Pumped ☑ Poured
Gravel Packed: ☑ Yes ☐ No
From 2898 feet to 3001 feet

Seal Type:
☑ Neat Cement
☐ Cement Grout
☐ Concrete Grout

9. WATER LEVEL
Static water level 1464 feet below land surface
Artesian flow non G.P.M P.S.I
Water temperature 82 °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* 2433
Signed (By driller performing actual drilling on site or contractor)
Date 10-15-11

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.164440°N NAD27
116.617596°W Dec/Deg