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

OFFICE USE ONLY
Log No. 116357
Permit No.
Basin 053

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. 65615

1. OWNER Barrick Cortez Horse Canyon
MAILING ADDRESS HC-66 Box 1250 Crescent Valley, NV 89821

ADDRESS AT WELL LOCATION (GRMW-13) Horse Canyon
well name

2. LOCATION SW ¼ NE ¼ Sec 31 T 26N N/S R 49 E
PERMIT/WAIVER No. m/o1814 (Issued by Water Resources) Parcel No.

Latitude
Longitude
Subdivision Name:
UTM E 543279.0 ☑ NAD 27
N 4438355.0 ☐ NAD 83/WGS 84
County: Eureka

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
aluvium		0	270	270
clay black rock/sand		270	340	70
aluvium		340	420	80
aluvium and clay		420	480	60
black rock/sand and clay		480	600	120
brown/gray rock and clay		600	830	230
brown clay		830	920	90
gray rock and clay		920	1280	360
gray gravel and sand		1280	1360	80
black and grayrock/sand and clay		1360	1400	40
black rock white clay		1400	1460	60
gray and white clay		1460	1560	100
black rock and clay		1560	2020	460

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Date started 24-May, 20 12
Date completed 20-Jun, 20 12

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

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
air lift	17-20	surface	16

8. WELL CONSTRUCTION
Depth Drilled Feet Depth Cased Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4	Inches	0	Feet	104	Feet
8 3/4	Inches	104	Feet	2020	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.75	41.55	.375	0	100
4.5	11.35	.25	+1	2010

Perforations:
Type of perforation slotted
Size of perforation 1/8 x 12"
From 2000 feet to 1800 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 100
Placement Method: ☑ Pumped ☐ Poured
Seal Type: ☑ Neat Cement ☐ Cement Grout ☐ Concrete Grout
Gravel Packed: ☑ Yes ☐ No
From 2020 feet to 1780 feet

9. WATER LEVEL
Static water level at surface feet below land surface
Artesian flow 7 G.P.M 47 P.S.I
Water temperature 85 °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 (Contractor)
Address 580 W. Silver 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* 2457
Signed Wayne Arbogast (By driller performing actual drilling on site or contractor)
Date 7-6-12

(Rev. 06/10)

USE ADDITIONAL SHEETS IF NECESSARY

40.096264°N
116.492282°W
NAD27