STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 115874
Permit No.
Basin 101A

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. **67391**

1. OWNER **Coeur Rochester Mine** **NP-11-P2**
MAILING ADDRESS **PO Box 1057**
Lovelock, NV 89419

ADDRESS AT WELL LOCATION **Packard & Buena Vista Hydrographic Basins**
Subdivision Name: *County:* **Pershing**

2. LOCATION **NW¼NW¼ Sec33T28N/D R34E**
PERMIT/WAIVER NO. **M/O - 1760** *Issued by Water Resources* Parcel. No.

Latitude Longitude
UTM E **400439** ☒ NAD 27
N **4456570** ☐ NAD 83/WGS 84

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

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Mine fill		0	30	30
Rhyolite	95	30	140	110
Clean fill material		120	140	20

NAD 27
40.255566° N
118.170702° W

2012 APR -5 AM 11:48

Date started: **November 29**, 20 **11**
Date completed: **November 30**, 20 **11**

7. *Water Level*
Static water level: **N/A** feet below land surface
Artesian Flow: **N/A** G.P.M. **N/A** P.S.I
Water Temperature: **cool** °F
Quality: **Fair**

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
+/- 16 pm	N/A	N/A

9. ***WELL CONSTRUCTION***
Depth Drilled **140** Feet Depth Cased **115** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.750 Inches	0 Feet	20 Feet
6.750 Inches	20 Feet	140 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.750	40.48	.375	+3	20
2.375	.96	1.75	+2	115

Perforations:
Type of perforation **Slotted**
Size of perforation **.020**
From **95** feet to **115** feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 81 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 93 to 120 ☒ Pumped ☐ Poured
Type: **#12 SRI Sand**
Bentonite Chips: ☒ Yes ☐ No 81 to 93 ☒ Pumped ☐ Poured
Type: **3/8" Coated hole plug pellets**

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **Boart Longyear Drilling Services** (CONTRACTOR)
Address **2745 California Avenue** (CONTRACTOR)
Salt Lake City, UT 84104
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~~ **2376**
Signed
By driller performing actual drilling on site or contractor
Date **April 2, 2012**