STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 122174
Permit No.
Basin 179

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. **71697**

1. OWNER **KGHM International** **RE-12PR**
MAILING ADDRESS **4232 West White Pine County Rd 44, Ruth, NV. 89319**

ADDRESS AT WELL LOCATION **Robinson Mine, Ruth, NV**
Subdivision Name: *County:* **White Pine**

2. LOCATION **NW¼NE¼** Sec**14**T**16**N/ R**62**E
PERMIT/WAIVER NO. **Order # 1198** *Issued by Water Resources* Parcel. No.

Latitude Longitude
UTM E **675822** N **4347268** ☒ NAD 27 ☐ 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 **Flooded Rev**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
White / Gray Rock		**0**	**370**	**370**

NAD27
39.256991°N
114.961341°W

Date started: **March 27**, 20 **15**
Date completed: **April 3**, 20 **15**

7. *Water Level*
Static water level: **139** feet below land surface
Artesian Flow: **N/A** G.P.M. 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)
9	130	1

9. *WELL CONSTRUCTION*
Depth Drilled **370** Feet Depth Cased **360** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
24 Inches	**0** Feet	**20** Feet
17.5 Inches	**20** Feet	**370** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	78.59	.375	0	20
10.75	34.83	.3125	+2	360

Perforations:
Type of perforation **Louver**
Size of perforation **.125**
From **60** feet to **360** 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 50 ☐ Pumped ☒ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 55 to 370 ☐ Pumped ☒ Poured
Type: **1/4 X 3/8 SRI Gravel**
Bentonite Chips: ☒ Yes ☐ No 50 to 55 ☐ Pumped ☒ Poured
Type: **3/8 Bentonite Chips**

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** (CONTRACTOR)
Address **2745 California Ave.** (CONTRACTOR)
SLC, 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* **2487**
Signed
By driller performing actual drilling on site or contractor
Date **April 13, 2015**

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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