STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 122370
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. **73197**

1. OWNER **KGHM International** **PW-02**
MAILING ADDRESS **P.O Box 382**
Ruth, NV. 89319

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

2. LOCATION **NE¼SW¼ Sec30T16N/ R62E**
PERMIT/WAIVER NO. **Order #1198**
Issued by Water Resources Parcel. No.

Latitude
Longitude
UTM E **669117** ☐ NAD 27
N **4343350** ☒ 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
Alluvial		0	120	120
Welded tuff		120	290	170
Clay / tuff		290	295	5
Welded tuff		295	350	55
Neat Cement-pumped		198	350	152

Nad27
39.223041°N
115.104019°W

Date started: **May 11**, 20 **15**
Date completed: **May 17**, 20 **15**

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7. *Water Level*
Static water level: **154.6** feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: **67** °F
Quality: **Fair**

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
75	75	4

9. *WELL CONSTRUCTION*
Depth Drilled **350** Feet Depth Cased **235** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
26 Inches	0 Feet	50 Feet
17.5 Inches	50 Feet	350 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
20	104.13	.500	0	50
10.75	41.55	.375	+2	235
2.375	5.02	.218	+2	220

Perforations:
Type of perforation **Louvered**
Size of perforation **.125**
From **155** feet to **195** 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 105 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 150 to 198 ☒ Pumped ☐ Poured
Type: **1/4 X 3/8 SRI**
Bentonite Chips: ☒ Yes ☐ No 105 to 150 ☐ Pumped ☒ Poured
Type: **3/8 Holeplug**

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* **1995**
Signed
By driller performing actual drilling on site or contractor
Date **May 20, 2015**

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