STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 120589
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. **70671**

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

ADDRESS AT WELL LOCATION **Ruth Pit, Near 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 **675846.8** ☐ NAD 27
N **4347253** ☒ 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
Grey Rock		0	220	220
Clay		220	240	20
Grey Rock		240	250	10
Clay		250	260	10
Grey Rock		260	380	120

RECEIVED 2014 SEP -2 PM 1:50 STATE ENGINEERS OFFICE

Nad 27
39.256851°N
114.661088°W

Date started: **August 3**, 20 **14**
Date completed: **August 11**, 20 **14**

7. *Water Level*
Static water level: **14** feet below land surface
Artesian Flow: **N/A** G.P.M. **N/A** P.S.I
Water Temperature: **Cool** °F
Quality: **Good**

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
67	N/A	3

9. *WELL CONSTRUCTION*
Depth Drilled **380** Feet Depth Cased **360** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
22 Inches	**0** Feet	**20** Feet
14.75 Inches	**20** Feet	**380** Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
16	43.42	.250	0	20
8.625	28.5	.3125	+3	360

Perforations:
Type of perforation **Louvered**
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 53 to 380 ☐ Pumped ☒ Poured
Type: **1/2" X 3/8" Gravel**
Bentonite Chips: ☒ Yes ☐ No 50 to 53 ☒ 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* **2486**
Signed
By driller performing actual drilling on site or contractor
Date **August 21, 2014**

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com