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

PRINT OR TYPE IN BLACK INK ONLY
DO NOT WRITE ON BACK

*Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340*

OFFICE USE ONLY
Log No. 125507
Permit No.
Basin No. 179

NOTICE OF INTENT NO. 73619
WELL NAME (if applicable): HD-16-05

1. OWNER/CLIENT NAME KGHM - Robinson
MAILING ADDRESS 4234 W. White Pine Co. Rd. 44
Ruth, NV. 89301

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

2. PLS LOCATION NW ¼ NE ¼ 14 Sec 16 N/S 62 E
PERMIT/WAIVER NO. M/O-2055 (Issued by Water Resources) Current Parcel No

Latitude UTM E 675945 ☐ NAD 27
Longitude UTM N 4347182 ☒ NAD 83/WGS 84

3. WORKED PERFORMED
☒ New Well ☐ Deepen: Orig WL#
☐ Replacement: Original well log #
☐ Recondition: Original well log #

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Monitor
☒ Mining / Dewater ☐ Com / Ind ☐ Stock
☐ Test / Other ☐ Mun / QM ☐ Rec

5. WELL TYPE
☐ Auger ☒ Rotary ☐ RVC
☒ Air ☐ Mud ☐ Sonic
☐ Other

6. LITHOLOGIC LOG

| Material Encountered | Lost Circ. | Water Strata | From | To |
|---|---|---|---|---|
| Porphyry | | | 0 | 1000 |
| Installed 2"X6" well seal | | | | |

Date started: 10-May, 20 16
Date completed: 14-May, 20 16

7. WATER QUALITIES
Static water level: N/A Feet below land surface
Artesian Flow: N/A G.P.M. N/A P.S.I.
Water Temperature: 53 ° Fahrenheit
Water Quality: Good

8. WELL TEST DATA
Test Method: ☐ Bailer ☐ Pump ☐ Air Lift

| | G.P.M. | Draw Down (Feet Below Static) | Recorded Time (Hours) |
|---|---|---|---|
| N/A | 9 | N/A | N/A |
| | | NAD 27 | |
| | | 39.256192 | |
| | | 114.959969 | |

9. CONSTRUCTION
Depth Drilled: 1000 Feet Depth Cased: 960 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 9.875 | Inches | 0 | Feet | 20 | Feet |
| 5.5 | Inches | 20 | Feet | 1000 | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6.625 | 18.97 | .280 | 0 | 20 |
| 2.375 | 5.02 | .218 | +5 | 960 |

ANNULAR MATERIALS
Sanitary Seal X Yes ☐ No

| | | | | |
|---|---|---|---|---|
| ☒ Neat Cement | 0 to 20 | ☒ Pumped | ☐ Poured |
| ☐ Cement Grout | to | ☐ Pumped | ☐ Poured |
| ☐ Concrete Grout | to | ☐ Pumped | ☐ Poured |
| ☐ Bentonite Chips | to | ☐ Pumped | ☐ Poured |
| ☐ Gravel Pack [ > 0.2 in. ] | to | ☐ Pumped | ☐ Poured |
| ☐ Sand Pack [ < 0.2 in. ] | to | ☐ Pumped | ☐ Poured |
| ☐ Other, explain: | to | ☐ Pumped | ☐ Poured |

PERFORATIONS:
Type of perforation: Mill Slot
Size of perforation: 0.125
From +5 Feet To 960 Feet
From Feet To Feet
From Feet To Feet
From Feet To Feet
From Feet To Feet

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision. This report is true to the best of my knowledge.
Name Boart Longyear (Contractor)
Address 2745 California Ave., SLC., UT. 84104 (Contractor)
Nevada contractor's license number as issued by the State Contractor's Board: 0021976
Nevada well driller's license number as issued by the Nevada Division of Water Resources (on-site driller): 2486
Signed: (By driller performing actual drilling on site or contractor)
Date: 23-May-16

(Rev. 12-13)
USE ADDITIONAL SHEETS IF NECESSARY