

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

OFFICE USE ONLY
Log No. 121358
Permit No. _____
Basin Z07

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 72570

1. OWNER KGHM Robinson Nevada Mining
MAILING ADDRESS 4232 West White Pine County Rd 44 Ruth NV. 89319
ADDRESS AT WELL LOCATION 4232 West White Pine County Rd 44 Ruth Nevada 89319
Subdivision Name: _____ County: White Pine

2. LOCATION NW 1/4 SE 1/4 Sec 25 T 16N N/S R 62 E Latitude _____ UTM E 667817.61 NAD 27
PERMIT/WAIVER No. NV 92105 Longitude _____ N 4343321.99 NAD 83/WGS 84

Issued by Water Resources _____ Parcel No. _____

3. WORKED 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
<u>Weak Limestone With Sand</u>	<u>NO</u>	<u>0</u>	<u>15</u>	<u>15</u>
<u>Gravel some Cobbles</u>				
<u>Sand & Silt</u>	<u>NO</u>	<u>15</u>	<u>18</u>	<u>3</u>
<u>Weak Limestone w/ sand & gravel</u>	<u>NO</u>	<u>18</u>	<u>130</u>	<u>112</u>
<u>Partially cemented Alluvium</u>	<u>NO</u>	<u>130</u>	<u>232</u>	<u>102</u>
<u>Well Graded</u>				
<u>Smaller Alluvium some cement</u>	<u>NO</u>	<u>232</u>	<u>267</u>	<u>35</u>
<u>Sand & Silt</u>	<u>NO</u>	<u>267</u>	<u>272</u>	<u>5</u>
<u>Mostly silt & sand some gravel</u>	<u>NO</u>	<u>272</u>	<u>312</u>	<u>40</u>
<u>Silt, sand & small gravel</u>	<u>NO</u>	<u>312</u>	<u>440</u>	<u>128</u>
<u>same</u>	<u>NO</u>	<u>440</u>	<u>465</u>	<u>15</u>
<u>Silt, sand & med. size gravel</u>	<u>NO</u>	<u>465</u>	<u>500</u>	<u>35</u>
<u>Silt and sand</u>	<u>NO</u>	<u>500</u>	<u>585</u>	<u>85</u>
<u>Silt</u>	<u>NO</u>	<u>585</u>	<u>605</u>	<u>20</u>
<u>Sand and silt</u>	<u>NO</u>	<u>605</u>	<u>640</u>	<u>35</u>
<u>Sandy silt</u>	<u>NO</u>	<u>640</u>	<u>700</u>	<u>60</u>
<u>Silt</u>	<u>NO</u>	<u>700</u>	<u>707</u>	<u>7</u>
<u>Silt very little sand</u>	<u>YES</u>	<u>707</u>	<u>773</u>	<u>66</u>
<u>Sand, silt, some gravel</u>	<u>YES</u>	<u>773</u>	<u>800</u>	<u>27</u>
<u>Hole sloughed to 750</u>				
<u>Built well from there</u>				
<u>8" steel protector cemented</u>				
<u>in 10 in. surface casing</u>				

9. WELL CONSTRUCTION			
Depth Drilled	Feet	Depth Cased	Feet
HOLE DIAMETER (BIT SIZE)			
	From	To	
<u>14 3/4"</u>	<u>0</u>	<u>21</u>	Feet
<u>8 1/2"</u>	<u>21</u>	<u>800</u>	Feet

CASING SCHEDULE				
Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>10 3/4"</u>		<u>.188</u>	<u>0</u>	<u>21</u>
<u>8 1/2"</u>		<u>Sch 80</u>	<u>+2</u>	<u>750</u>

Perforations:
Type of perforation Factory slot
Size of perforation .020

From 680 feet to 730 feet
From _____ feet to _____ feet
From _____ feet to _____ feet
From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 22 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout 22 to 658 Pumped Poured

Gravel Pack: Yes No 676 to 750 Pumped Poured
Type: SRT No. 15

Bentonite Chips: Yes No 658 to 676 Pumped Poured
Type: 1/4 in. Pellets

Date started: NOV 13 20 14
Date completed: NOV 23 20 14

7. Water Level
Static water level: 706.7 feet below land surface
Artesian Flow: _____ G.P.M. _____ P.S.I.
Water Temperature: _____ °F
Quality: _____

8. WELL TEST DATA		
TEST METHOD:	G.P.M.	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift		
	Draw Down (Feet Below Static)	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Layne Christensen Company
Address 12030 East Riggs Rd Chandler AZ 85249
Nevada contractor's license number G-23 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1970
Signed Wilburn L. Franklin
Date Dec. 6, 2014