

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

OFFICE USE ONLY
Log No. 121359
Permit No. _____
Basin 207

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. 72571

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

2. LOCATION NW 1/4 SW 1/4 Sec. 30 T 16N N/S R 62 E Latitude _____ UTM E 668808.65 NAD 27
PERMIT/WAIVER No. NV 92105 Longitude _____ N 4343347.41 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 Stock
 Municipal/Industrial Monitor

5. WELL TYPE
 Cable Rotary RVC
 Air Other _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand Silt + Gravel	NO	0	85	85
Sand + Silt		85	95	10
Sand Silt + Gravel		95	105	10
Sand and Silt		105	135	30
Sand, Silt + Gravel some cementing		135	144	9
Sand + Silt		144	174	30
Sand Silt + Gravel		174	185	11
Sand Silt + Larger Gravel		185	195	10
Sand + Silt With Less Gravel		195	201	6
Partially Cemented Alluvium		201	301	100
Partially cemented Alluvium	yes	301	310	9
Same but soft for drilling	yes	301	370	69
Larger Gravel + More Cement	yes	370	430	60
Well cemented Alluvium	yes	430	480	50

*Well was drilled to deep to set screen to approved state plan
Backfilled with chips through 4" tremie
396'-480' slotted next cement through 1" tremie 391-396
8" Steel Protector Cemented in 10" surface casing*

9. WELL CONSTRUCTION

Depth Drilled 480 Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet
<u>14 3/4</u>	0	21	Feet
<u>8 1/2</u>	21		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>	0	21
<u>4 1/2</u>		<u>sch 80</u>	21	330

Perforations:

Type of perforation Factory Slot .125
Size of perforation .125

From 278 feet to 328 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 269 Pumped Poured

Gravel Pack: Yes No 276 to 331 Pumped Poured
Type: 1/4" Pea Gravel

Bentonite Chips: Yes No 269 to 276 Pumped Poured
Type: 1/4" Coated Pellets

Date started: NOV. 10, 20 14
Date completed: NOV. 15, 20 14

7. Water Level
Static water level: 301.2 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.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

STATE ENGINEERS OFFICE
2014 DEC 8 PM 12:15
RECEIVED

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 Contractor
Address 19030 E Riggs Rd. Chandler AZ 85249 Contractor

Nevada contractor's license number _____
issued by the State Contractor's Board C-23 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1970

Signed William L. Franklin
By driller performing actual drilling on-site or contractor
Date Dec. 6, 2014