

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

OFFICE USE ONLY  
 Log No. 10943

PRINT OR TYPE ONLY

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

Permit No. \_\_\_\_\_  
 Basin 179  
 NOTICE OF INTENT NO. 63068

1. OWNER Quadra-Robinson NV Mining W-12R ADDRESS AT WELL LOCATION Robinson Mine, 2 miles south of Ruth, NV  
 MAILING ADDRESS P.O. Box 382  
Ruth, NV 89319 Subdivision Name: NA County: White Pine

2. LOCATION NW¼NE¼ Sec15T16N/ R62E Latitude 39.257711°N UTM E 674341  NAD 27  
 PERMIT/WAIVER NO. NEV0092105 NA Longitude 114.979418°W 4347113  NAD 83/WGS 84  
Issued by Water Resources Parcel No.

3. WORK PERFORMED  
 New Well  Replace  Recondition  
 Deepen  Other

4. PROPOSED USE  
 Domestic  Irrigation  Test  Monitor  Stock  
 Municipal/Industrial

5. WELL TYPE  
 Cable  Rotary  RVC  
 Air  Other Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Alluvium		0'	105'	105'
No Sample		105'	125'	20'
Alluvium		125'	130'	5'
No Sample		130'	220'	90'
White Rock		220'	255'	35'
Purple/Tan Rock		255'	290'	35'
Yellow/White Rock		290'	330'	40'
Purple/Red/White Rock		330'	360'	30'
Gray Rock		360'	385'	25'
Gray Clay		385'	390'	5'
Gray Rock & Clay		390'	605'	215'
Gray Rock & Clay		605'	695'	90'
Black Rock w/Pyrite		695'	715'	20'
Gray Rock & Clay w/Pyrite		715'	795'	80'
Black Rock w/Pyrite		795'	815'	20'
Gray Rock & Clay		815'	890'	75'
Black Rock w/Pyrite		890'	1065'	175'
Gray Clay		1065'	1090'	25'
Black/Gray Rock		1090'	1100'	10'
Gray Clay		1100'	1140'	40'
<b>Note:</b>				
Neat Cement		1075'	1140'	65'

Well W-12 plugged in 2008  
 Log # 106671

9. WELL CONSTRUCTION

Depth Drilled 1140 Feet Depth Cased 1090 Feet

HOLE DIAMETER (BIT SIZE)

From	To
<u>17.50</u> Inches	<u>0</u> Feet <u>195</u> Feet
<u>10.625</u> Inches	<u>195</u> Feet <u>1140</u> Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4.500</u>	<u>10.79</u>	<u>.237</u>	<u>+1</u>	<u>1090</u>
<u>1.900</u>	<u>2.718</u>	<u>.145</u>	<u>+1</u>	<u>1090</u>

Perforations:

Type of perforation Milled Slot  
 Size of perforation .050

From	To	From	To
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Annular Seal:  Yes  No

Material	From	To	Seal Type
<input checked="" type="checkbox"/> Neat Cement	<u>0'</u>	<u>to 104'</u>	<input type="checkbox"/> Pumped <input checked="" type="checkbox"/> Poured
<input type="checkbox"/> Cement Grout	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> Concrete Grout	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured
<input type="checkbox"/> ≥30% Bentonite Grout	_____	_____	<input type="checkbox"/> Pumped <input type="checkbox"/> Poured

Gravel Pack:  Yes  No 1028' to 1075'  Pumped  Poured  
 Type: 1/4 x 1/8 SRI

Bentonite Chips:  Yes  No 104' to 1028'  Pumped  Poured  
 Type: 3/8 Hole Plug

7. Water Level

Static water level: 744 feet below land surface  
 Artesian Flow: \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water Temperature: Cool °F  
 Quality: Fair

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 Drilling Services  
(CONTRACTOR)

8. WELL TEST DATA

TEST METHOD:	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input checked="" type="checkbox"/> Air Lift	<u>70.5</u>	<u>1.0</u>
G.P.M. <u>20.09</u>		

2009 MAY 1 AM 11:51  
 RECEIVED

Address P.O. Box 5279  
(CONTRACTOR)

Elko, NV 89802

Nevada contractor's license number issued by the State Contractor's Board 0024976 0073086

Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2376

Signed \_\_\_\_\_  
 By driller performing actual drilling on site or contractor

Date 28-Apr-09