STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

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

OFFICE USE ONLY
Log No. 104635
Permit No.
Basin 179

NOTICE OF INTENT NO. 61464

1. OWNER Quadra/Robinson Mine PZ07-04
MAILING ADDRESS P.O. Box 382
Ruth, Nevada 89319

ADDRESS AT WELL LOCATION Robinson Mine
2 miles south of Ruth, Nevada
Subdivision Name: N/A County: White Pine

2. LOCATION SE¼NW¼ Sec14T16N/ R62E
PERMIT/WAIVER NO. NEV0092105 (Issued by Water Resources) N/A (Parcel. No.)

Latitude
Longitude
UTM E 675809 ☒ NAD 27
N 4346647 ☐ 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
Unconsolidated		0'	70'	70'
Brown Grey Limestone		70'	215'	145'
Grey Limestone		215'	255'	40'
Broken Shale		255'	430'	175'
No Circulation		430'	485'	55'
Grey Limestone		485'	560'	75'
Shale		560'	695'	135'
Dark Limestone		695'	780'	85'
Light Limestone		780'	885'	105'
Dark Limestone		885'	905'	20'

N 39.253219
W 114.962536 NAD27

Date started: 21-Oct , 20 07
Date completed: 24-Oct , 20 07

7. Water Level
Static water level: 428 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality: Good

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
N/A		3.0

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9. WELL CONSTRUCTION
Depth Drilled 905 Feet Depth Cased 900 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
12.750 Inches	0 Feet	40 Feet
6.50 Inches	40 Feet	905 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8.625	22.36	.250	0	40
2.375	3.65	.154	+1	900

Perforations:
Type of perforation Slotted
Size of perforation .030
From 820 feet to 880 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 810' to 905' ☒ Pumped ☐ Poured
Type: 8 x 12 SRI
Bentonite Chips: ☒ Yes ☐ No 50' to 810' ☒ Pumped ☐ Poured
Type: 3/8 Hole Plug

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)
Address P.O. Box 5279 (CONTRACTOR)
Elko, Nevada 89802-5279
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 1995
Signed
By driller performing actual drilling on site or contractor
Date 26-Oct-07

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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