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. 104255
Permit No.
Basin 062

NOTICE OF INTENT NO. 59587

1. OWNER Great Basin Gold, Ltd Well - D
MAILING ADDRESS 101 Carson Road #5
Battle Mountain, Nevada 89820

ADDRESS AT WELL LOCATION Ivanhoe Mine
Subdivision Name: N/A County: Elko

2. LOCATION SE¼SW¼ Sec4T37N/ R48E
PERMIT/WAIVER NO. M/O 1461 (Issued by Water Resources) Parcel. No.

Latitude 536983 UTM E ☒ NAD 27
Longitude 4550473 N ☐ 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
Overburden		0'	5'	5
Tuff Volcanics		5'	155'	150
Basaltic Andicite		155'	200'	45
Valmy Quartzite		200'	285'	85

N 41.106608 W 116.559560 NAD27

41.106,608 N, 116.559,560 NAD27

Date started: 26-Aug, 20 07
Date completed: 30-Aug, 20 07

9. WELL CONSTRUCTION
Depth Drilled 285 Feet Depth Cased 273 ~~275~~ Feet

HOLE DIAMETER (BIT SIZE)

	From	To
14.750 Inches	0 Feet	20 Feet
9 Inches	20 Feet	285 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
10.750	28.04	.250	0	20
4	2.06	.237	+1	273

Perforations:
Type of perforation Slotted
Size of perforation 0.040
From 208 feet to 268 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 10'	☒ Pumped	☐ Poured
☐ Cement Grout	to	☐ Pumped	☐ Poured
☐ Concrete Grout	to	☐ Pumped	☐ Poured
☒ ≥30% Bentonite Grout	10' to 200'	☒ Pumped	☐ Poured
Gravel Pack: ☒ Yes ☐ No	205' to 285'	☐ Pumped	☒ Poured
Type: #6 SRI			
Bentonite Chips: ☒ Yes ☐ No	200' to 205'	☒ Pumped	☐ Poured
Type: 3/8 Hole Plug			

7. Water Level
Static water level: 219 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
25	25'	3

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 1959
Signed
By driller performing actual drilling on site or contractor
Date 30-Aug-2007

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