

well spacing
order # 1055

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

OFFICE USE ONLY
Log No. 116323
Permit No. 81579T
Basin 051

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 68985

1. OWNER **Newmont Gold Co.** ADDRESS AT WELL LOCATION **Gold Quarry Mine Site**
 MAILING ADDRESS **1655 Mountain City Hwy.** **North of Carlin, NV.**
well name: **QLK-00083** *Subdivision Name:* _____ *County:* **Eureka**
NW Elko, NV. 89801

2. LOCATION **NE 1/4 NE 1/4 Sec 02 T33N R51E** Latitude _____ UTM E **567156** NAD 27
 PERMIT/WAIVER NO. **81579T** *ORDER # 1055* Longitude _____ N **4514607** 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 Other

5. WELL TYPE Cable Rotary RVC
 Air Other **Flooded Rev**

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Tails/ Dump		0	55	55
Tan/ Brn Coarse Sand W/Gravel		55	155	100
Tan/ Brown Sand		155	170	15
Tan/ Brn Coarse Sand W/Gravel		170	190	20
Tan/ Brown Sand		190	215	25
Coarse Mix Lithic Sand		215	220	5
Tan/ Brn Sand		220	245	25
Sandy Tan/ Brown Clay		245	280	35
Orange/Tan Clay		280	300	20
Tan/ Brown Sandy Clay		300	330	30
Gry Clayey Sand W/Tan/Gry		330	360	30
Lt. Gray/Tan Glassy Sandy Clay		360	440	80
Tan/Brown Clayey Sand		440	470	30
Yllw/Tan-Tan/Gry Silty Clays		470	555	85
White Clay		555	565	10
Gravel		565	570	5
Lt. Tan/ White Coarse Clay		570	585	15
Greenish/ Gray Plastic Clay		585	590	5

Date started: **May 11, 20 12**
 Date completed: **May 21, 20 12**

9. WELL CONSTRUCTION

Depth Drilled **591** Feet Depth Cased **590** Feet

HOLE DIAMETER (BIT SIZE)

From	To
26 Inches	0 Feet 80 Feet
19 Inches	80 Feet 591 Feet
_____ Inches	_____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
22	72.26	.312	0	80
14	36.71	.250	+2	590

Perforations:

Type of perforation **Full Flow Louvered**
 Size of perforation **.125**

From **230** feet to **590** feet
 From _____ feet to _____ feet

Annular Seal: Yes No

Neat Cement 0 to 80 Pumped Poured
 Cement Grout _____ to _____ Pumped Poured
 Concrete Grout _____ to _____ Pumped Poured
 ≥30% Bentonite Grout _____ to _____ Pumped Poured

Gravel Pack: Yes No 70 to 591 Pumped Poured
 Type: **1/8" x 1/4"**

Bentonite Chips: Yes No 60 to 70 Pumped Poured
 Type: **1/4" Hole Plug**

7. Water Level

Static water level: **325** feet below land surface
 Artesian Flow: **N/A** G.P.M. **N/A** P.S.I
 Water Temperature: **N/A** °F
 Quality: **N/A**

8. WELL TEST DATA

TEST METHOD:	<input type="checkbox"/> Bailer	<input type="checkbox"/> Pump	<input checked="" type="checkbox"/> Air Lift
G.P.M.	Draw Down (Feet Below Static)	Time (Hours)	
200	106	1	
40	78	607	N
116	204	135	W NAD27

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name **Boat Longyear** (CONTRACTOR)
 Address **2745 California Ave** (CONTRACTOR)
SLC, UT. 84104
 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 **1716**

Signed _____
 By driller performing actual drilling on site or contractor
 Date **May 25, 2012**

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