STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 116311
Permit No. 81580T
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. 68986

1. OWNER **Newmont Mining** well name: **QLK-84**
MAILING ADDRESS **1655 Mountain City Hwy**
Elko, NV. 89801

ADDRESS AT WELL LOCATION **Gold Quarry Minsite**
North of Carlin, NV.
Subdivision Name: *County:* **Eureka**

2. LOCATION **NW¼NW¼** Sec**01**T**33**N/ R**51**E
PERMIT/WAIVER NO. **81580T** *Issued by Water Resources* **Order 1055** Parcel. No.

Latitude _____ Longitude _____
UTM E **567576** N **4514607** ☒ NAD 27 ☐ NAD 83/WGS 84

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other

4. PROPOSED USE
☐ Domestic Dewater ☐ Irrigation ☐ Test
☒ ~~Municipal/Industrial~~ ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other **Flooded REv**

6. **LITHOLOGIC LOG**

Material	Water Strata	From	To	Thickness
Tails/Dump		0	20	20
Fine grained sand		20	75	55
Gray Sandy/brown sand		75	105	30
Gravel/coarse sand		105	135	30
Sand & silt		135	150	15
Brown sand w/ gray clay		150	175	25
Sand w/brown & white silty clay		175	200	25
Brown sand w/pink/orange clay		200	250	50
Grayish brown sand		250	260	10
Dark brown silt/clay		260	300	40
Brown silt/sand & wh/gray clay		300	305	5
Gray/brown silt/clay		305	315	10
Yellow/tan clay & gray silty clay		315	335	20
Gray clay w/sand		335	345	10
Gray clay		345	370	25
Brown clay w/gravel		370	375	5
Gray clay/sand		375	415	40
Gray/yellow/tan clay w/sand		415	445	30
Gravel & brown/tan clay		445	450	5
Brown clay w/fine sand		450	475	25
Light brown/tan clay		475	485	10
Gray sandy clay		485	500	15
White Clay		500	555	55
White/tan clay w/gravel		555	585	30
Sand & gravel w/tan/white clay		585	611	26

Date started: **May 22**, 20 **12**
Date completed: **May 30**, 20 **12**

9. ***WELL CONSTRUCTION***
Depth Drilled **611** Feet Depth Cased **611** Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
26	Inches	**0**	Feet	**75**	Feet
19	Inches	**75**	Feet	**611**	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	75
14	36.71	.250	+2	611

Perforations:
Type of perforation **Full Flow**
Size of perforation **.125**
From **211** feet to **611** 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 60 ☒ Pumped ☐ Poured
☐ Cement Grout ____ to ____ ☐ Pumped ☐ Poured
☐ Concrete Grout ____ to ____ ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout ____ to ____ ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 65 to 610 ☒ Pumped ☐ Poured
Type: **1/8" x 1/4" SRI**
Bentonite Chips: ☒ Yes ☐ No 60 to 65 ☒ Pumped ☐ Poured
Type: **1/4 Hole Plug**

7. *Water Level*
Static water level: **309.8** 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: ☐ Bailer ☐ Pump ☒ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
120	96	1
		NAD 27

RECEIVED 2012 JUN 29 AM 11:22 NEVADA ENGINEERS OFFICE
40.78157 3°N
116.19958°W

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** (CONTRACTOR)
Address **2745 W 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 **June 25, 2012**

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

Forms Provided by Forms-On-A-Disk · (214) 340-9429 · FormsOnADisk.com