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STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 102137
Permit No.
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. **58851**

1. OWNER **Newmont Mining Corporation** **LK-65**
MAILING ADDRESS **PO Box 669 Carlin, NV. 89822**

ADDRESS AT WELL LOCATION **Gold Quarry minesite, north of Carlin, NV.**
Subdivision Name: **N/A** *County:* **Eureka**

2. LOCATION **SE¼SW¼** Sec **2** T **33N**/ R **51E**
PERMIT/WAIVER NO. **68272** (*Issued by Water Resources*) **N/A** (Parcel. No.)

Latitude **40° 46.259 N** UTM E ☒ NAD 27
Longitude **116° 12.557W** 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
Fill		0	16'	16'
Tailings		16'	100'	84'
Carlin clay and		100'		
alluvium			545'	445'
Bedrock		545'	560'	15'
Gray clay and rock		560'	630'	70'
Tan rock and clay		630'	710'	80'
Gray rock and clay		710'	790'	80'
Gray, black and brown		790'		
rock			830'	40'
Gray clay and rock		830'	1100'	270'
Black rock with a little		1100'		
gray clay			1200'	100'
Light gray rock and		1200'		
clay			1270'	70'

40.770983N
116.209283 W NAD27

Date started: 11-16, 20 06
Date completed: 12-11, 20 06

7. *Water Level*
Static water level: 158 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: 66 °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
529	86	1

9. ***WELL CONSTRUCTION***
Depth Drilled **1270** Feet Depth Cased **1260** Feet

HOLE DIAMETER (BIT SIZE)

	From	To
38 Inches	0 Feet	16 Feet
31 Inches	16 Feet	100 Feet
25 Inches	100 Feet	550 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
32	168.21	0.500	0	16
26	102.63	0.375	0	100
22	86.61	0.375	0	550

Perforations:
Type of perforation **N/A**
Size of perforation
From feet to 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 610' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name **Lang Exploratory Drilling** (CONTRACTOR)
Address **P.O. Box 5279** (CONTRACTOR)
Elko, NV 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* **2319**
Signed
By driller performing actual drilling on site or contractor
Date **12/13/06**

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(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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MAILING ADDRESS **PO Box 669 Carlin, NV. 89822**

ADDRESS AT WELL LOCATION **Gold Quarry minesite, north of Carlin, NV.**
Subdivision Name: **N/A** *County:* **Eureka**

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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	Thick-ness
Page 2				

Date started: **11-16**, 20 **06**
Date completed: **12-11**, 20 **06**

7. *Water Level*
Static water level: 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)

9. ***WELL CONSTRUCTION***
Depth Drilled **1270** Feet Depth Cased **1260** Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
19	Inches	**550**	Feet	**1270**	Feet
	Inches		Feet		Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
14	**54.57**	**0.375**	**+2**	**1260**

Perforations:
Type of perforation **Louvered**
Size of perforation **1/8"**
From **658.22** feet to **1239.43** 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 610' ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 610 to 1270 ☐ Pumped ☒ Poured
Type: **3/4" x 1/2" SRI**
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
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Address **P.O. Box 5279** (CONTRACTOR)
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By driller performing actual drilling on site or contractor
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