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

OFFICE USE ONLY
Log No. 116798
Permit No.
Basin 114

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

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

NOTICE OF INTENT NO. 65019

1. OWNER Waterton Global Mining
MAILING ADDRESS Commerce Court West 199 Bay St. Suite 5050 Toronto Ontario M5L 1E2 Canada

ADDRESS AT WELL LOCATION Esmeralda Mine site # MW13-01
Subdivision Name: County: Mineral

2. LOCATION SW¼ SW¼ Sec 8 T 5 N R 28 E
PERMIT/WAIVER No. NDEP #87072
Issued by Water Resources Parcel No.

Latitude 38° 17' 58.86" N UTM E ☐ NAD 27
Longitude 118° 53' 21.58" W ☒ NAD 83/WGS 84

3. WORKED 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
Alluvium		0'	110'	110'
Basalt		110'	130'	20'

NAD27
38.299683° N
118.889328° W

Date started: 6-12, 20 13
Date completed: 6-14, 20 13

9. WELL CONSTRUCTION
Depth Drilled 130' Feet Depth Cased 130' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12"	Inches	0'	Feet	20'	Feet
8 3/4"	Inches	20	Feet	130'	Feet
	Inches		Feet		Feet

CASING SCHEDULE -80

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 1/2		3/8	120' - 0'	plus 3'

Perforations:
Type of perforation Horz. slot
Size of perforation .020
From 90' feet to 130' 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 130' to 85' ☐ Pumped ☒ Poured
Type: Silica Sand 8-12
Bentonite Chips: ☒ Yes ☐ No 85' to 50' ☐ Pumped ☒ Poured
Type: 3/8" Hole plug

7. Water Level
Static water level: 125' 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)
Geo. says He is going to Bail well		

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Ward Weaver
Contractor
Address Rimrock Drilling Inc.
Contractor
2305 Last Chance Rd. Elko, NV 89801
Nevada contractor's license number issued by the State Contractor's Board 0030630
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1676
Signed Ward Weaver
By driller performing actual drilling on-site or contractor
Date 6-17-13

RECEIVED
2013 JUN 18 AM 10:45
STATE ENGINEERS OFFICE

(Rev. 05-06)
USE ADDITIONAL SHEETS IF NECESSARY

(NSPO 3-08) (O) 627