ORIGINAL

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

OFFICE USE ONLY
Log No. 114563
Permit No.
Basin

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. 66664

1. OWNER METALLIC GOLDFIELD INC.
MAILING ADDRESS 230 S. ROCK BLVD. SUITE 30
RENO NV, 89502

ADDRESS AT WELL LOCATION McMAHON RIDGE AREA
MW - 14
Subdivision Name: County: Esmeralda

2. LOCATION NW ¼ NE ¼ Sec 19 T 02S N/S R 43 E
PERMIT/WAIVER No. M/O 1713 (Issued by Water Resources) Parcel No.

Latitude 37* 45.405 N
Longitude 117* 11.582 W
UTM E N
☐ NAD 27 ☒ 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
CLAY AND GRAVEL		0'	10'	10'
BROWN VOLCANICS		10'	250'	240'
GREY RHYLOITE		250'	520'	270'

Date started: 24-Aug , 20 11
Date completed: 26-Aug , 20 11

7. Water Level
Static water level: 353' feet below land surface
Artesian Flow: NO G.P.M. 0 P.S.I.
Water Temperature: COOL °F
Quality:

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
20		2 HOURS

9. WELL CONSTRUCTION
Depth Drilled 520' Feet Depth Cased 515' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	20'	Feet
8"	Inches	20'	Feet	520'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188"	+3'	20'
4"		SCH. 80	+2'	515'

Perforations:
Type of perforation SCREEN
Size of perforation 0.020"
From 415' feet to 515' 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 20' ☒ Pumped ☐ Poured
☐ Cement Grout 20' to 395' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 400' to 520' ☐ Pumped ☒ Poured
Type: 8 X 16
Bentonite Chips: ☒ Yes ☐ No 395' to 400' ☐ Pumped ☒ Poured
Type: 3/8" HOLE PLUG

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Hydro Resources-West, Inc. (Contractor)
Address 4975 W. Winnemucca Blvd. (Contractor)
Winnemucca NV, 89445
Nevada contractor's license number issued by the *State Contractor's Board* 56797
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* # 1713
Signed Michelle Strother (By driller performing actual drilling on site or contractor)
Date 9/13/2011

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY