ORIGINAL

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

OFFICE USE ONLY
Log No. 114730
Permit No.
Basin 142

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. 67738

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

ADDRESS AT WELL LOCATION MW - 17
ALKALI SPRING VALLEY
Subdivision Name: County: Esmeralda

2. LOCATION NE ¼ NE ¼ Sec 1 T 03S N/S R 42 E
PERMIT/WAIVER No. M/O 1728 (Issued by Water Resources) Parcel No.

Latitude 37* 42.760 N
Longitude 117* 12.494 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
YELLOW CLAY WITH GRAVEL		0'	65'	65'
GRAY CLAY		65'	90'	25'
GRAY ANDASITE		90'	660'	570'

DCNR/DWR
RECEIVED
NOV 14 2011
LAS VEGAS OFFICE

Date started: 2-Nov, 20 11
Date completed: 3-Nov, 20 11

9. WELL CONSTRUCTION
Depth Drilled 660' Feet Depth Cased 660' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
12 1/4"	Inches	0'	Feet	20'	Feet
8"	Inches	20'	Feet	660'	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188"	+2'	20'
4"		SCH. 80	+1.5"	660'

Perforations:
Type of perforation SCREEN
Size of perforation 0.010"
From 560' feet to 660' 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 530' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 540' to 660' ☐ Pumped ☒ Poured
Type: SRI 8 X 16
Bentonite Chips: ☒ Yes ☐ No 530' to 540' ☐ Pumped ☒ Poured
Type: 3/8" HOLE PLUG

7. Water Level
Static water level: 450' 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)
AIRLIFT	5		4 HRS

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 11/10/11

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY