ORIGINAL

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

OFFICE USE ONLY
Log No. 115316
Permit No. 64260
Basin 055

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. 67722

1. OWNER MI SWACO
MAILING ADDRESS PO Box 370
Battle Mountain, NV 89820

ADDRESS AT WELL LOCATION GREYSTONE MINE
WEST PIT WELL
Subdivision Name: County: Lander

2. LOCATION NE ¼ NE ¼ Sec 26 T 28N N/S R 45 E
PERMIT/WAIVER No. 64260 (Issued by Water Resources) Parcel No.

Latitude 40* 16.418 N
Longitude 116* 52.532 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
GREY ROCK		0'	160'	160'
BLACK ROCK		160'	310'	150'

* Replaces original well log # 103669, which was plugged under NOI #67725

Date started: 26-Sep, 20 11
Date completed: 28-Sep, 20 11

7. Water Level
Static water level: 160' 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)
150		6 HRS

9. WELL CONSTRUCTION
Depth Drilled 310' Feet Depth Cased 300' Feet

HOLE DIAMETER (BIT SIZE)

		From	To
14"	Inches	0' Feet	310' Feet
	Inches	Feet	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'
8 5/8"		CERTA LOCK .508"	20'	300'

Perforations:
Type of perforation SCREEN
Size of perforation 0.032"
From 80' feet to 300' 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 50' ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 50' to 310' ☐ Pumped ☐ Poured
Type: 8 X 16 BCJ
Bentonite Chips: ☒ Yes ☐ No 50' to 52' ☐ 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 10/12/2011

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

40.273715 °N
116.874606 °W
NAD27
Dec/Deg

2011 OCT 14 P12:19 STATE ENGINEER