ORIGINAL

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

OFFICE USE ONLY
Log No. 116296
Permit No. 81822
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. 68299

1. OWNER MI SWACO
MAILING ADDRESS PO BOX 370
BATTLE MOUNTAIN, NV 89820

ADDRESS AT WELL LOCATION GRAYSTONE MINE
SOUTH PIT WELL
Subdivision Name: County: Lander

2. LOCATION NE ¼ NE ¼ Sec 26 T 28N N/S R 45 E
PERMIT/WAIVER No. 81822 (Issued by Water Resources) Parcel No.

Latitude 40° 16.344 N
Longitude 116° 52.438 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
BARRITE ROCK		0'	110'	110'

40.272482°N NAD27
116.873039°W

RECEIVED SEP 4 2012 STATE ENGINEER'S OFFICE

Date started: 27-Aug, 20 12
Date completed: 28-Aug, 20 12

7. *Water Level*
Static water level: 30' 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)
AIR LIFT	200	N/A	2 HOURS

9. *WELL CONSTRUCTION*
Depth Drilled 110' Feet Depth Cased 110' Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
14 3/4"	Inches	0'	Feet	110'	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'	30'
8 5/8"		CERTA LOCK .508"	30'	110'

Perforations:
Type of perforation SCREEN
Size of perforation 0.050"
From 50' feet to 110' 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 51' to 110' ☐ Pumped ☒ Poured
Type: HUNEWILL 1/4" 1/8"
Bentonite Chips: ☒ Yes ☐ No 50' to 51' ☐ 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 9/4/2012

(Rev. 06-06)

USE ADDITIONAL SHEETS IF NECESSARY