STATE OF NEVADA

DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 110003
Permit No.
Basin 059

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 64546

1. OWNER BM WATER & SEWER BMPW - 1
MAILING ADDRESS 315 S HUMBOLT ST
BATTLE MOUNTAIN, NV 89820

ADDRESS AT WELL LOCATION BATTLE MOUNTAIN, NV
Subdivision Name: County: LANDER

2. LOCATION SW¼SE¼ Sec12T31N/ R44E
PERMIT/WAIVER NO. W-647 APP 78953
Issued by Water Resources Parcel. No.

Latitude 40.566349°N UTM E 502895 ☒ NAD 27
Longitude 116.965801°W N 4490409 ☐ NAD 83/WGS 84
NAD 27

3. WORK 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 Flooded Reverse

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
BROWN CLAY & SAND		0	70	70
BROWN CLAY		70	90	20
GREY, GREEN CLAY		90	140	50
BROWN CLAY		140	160	20
GREEN, GREY CLAY		160	190	30
BROWN CLAY		190	250	60
BROWN CLAY - SOME SAND		250	790	540
MULTI COLORED GRAVEL W/ TRACES OF BROWN CLAY		790	1025	235
1.9" SOUNDER SLOTTED		400	560	160

Date started: Jan 8, 20 10
Date completed: Jan 18, 20 10

9. WELL CONSTRUCTION
Depth Drilled 1025 Feet Depth Cased 1000 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
31.00 Inches	0 Feet	55 Feet
24.00 Inches	55 Feet	1025 Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
26"	102.6	.375	0	55
16"	42.05	.250	+2	1000
1.9"	2.27	.140	+2	560

Perforations:
Type of perforation Louvered
Size of perforation .080
From 280 feet to 360 feet
From 400 feet to 460 feet
From 760 feet to 1000 feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 55 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ =30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 0 to 1025 ☐ Pumped ☒ Poured
Type:
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 23.5 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)
@ 970'	532	209	

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Boart Longyear Drilling (CONTRACTOR)
Address 2745 California Ave (CONTRACTOR)
S.L.C., UT. 84104
Nevada contractor's license number issued by the State Contractor's Board 0021976
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2130
Signed
By driller performing actual drilling on site or contractor
Date 01/20/10

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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