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

OFFICE USE ONLY
Log No. 115856
Permit No.
Basin 110C

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. 67160

1. OWNER US Army Hawthorne Army Depot
MAILING ADDRESS 2 S Maine Ave. Hawthorne, NV 89415

ADDRESS AT WELL LOCATION Facility ID: HWAAP-115 IRP-MW-119
Hawthorne Army Depot Hawthorne, NV
Subdivision Name: 38.556633°N County: Mineral

2. LOCATION SW ¼ NE ¼ Sec 13 T 08N N/S R 30 E
PERMIT/WAIVER No. (issued by Water Resources) Parcel No.

Latitude ~~38.56633~~°N
Longitude 118.582898°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 Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sandy fine sands, grain		0	70	70
Silty sandy mix, fine grain, 3/4"		70	110	40
rock mix				
Fine sands, silty mix, grain	131	110	146	36
silty flowing sands				

Date started: 20-Sep, 20 12
Date completed: 21-Sep, 20 12

7. Water Level
Static water level: 131 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)

9. WELL CONSTRUCTION
Depth Drilled 146 Feet Depth Cased 146 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 Inches	0 Feet	146 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4		Sch 40	0	146

Perforations:
Type of perforation Slot
Size of perforation .010
From 126 feet to 146 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 119 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 124 to 146 ☐ Pumped ☒ Poured
Type: 2/12
Bentonite Chips: ☒ Yes ☐ No 119 to 124 ☐ Pumped ☒ Poured
Type: Medium Chips

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Cascade Drilling, L.P. (Contractor)
Address 3632 Omec Circle (Contractor)
Rancho Cordova, CA 95742
Nevada contractor's license number issued by the *State Contractor's Board* 0073966
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2467
Signed (By driller performing actual drilling on site or contractor)
Date 2-Nov-12

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

2012 NOV 7 AM 11:10 STATE ENGINEERS OFFICE