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

OFFICE USE ONLY
Log No. 118188
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. 67155

1. OWNER U.S. Army Hawthorne Army Depot - Bldg 5
MAILING ADDRESS 2 S. Maine Ave.
Hawthorne, NV 89415

ADDRESS AT WELL LOCATION Facility ID: HWAAP-115
Hawthorne Army Depot Hawthorne, NV
Subdivision Name: County: Mineral

2. LOCATION ~~NW~~ ¼ ~~NE~~ ¼ Sec 13 T 08N N/S R 30 E
PERMIT/WAIVER No. SW SE
Issued by Water Resources Parcel No.

Latitude 38°33'53.59" N
Longitude 118°34'57.14" 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 Sonic

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Sand		0	50	50
Sandy Clay		50	70	20
Sand		70	120	50
Silty Sand		120	150	30
Sand		150	200	50

RECEIVED 2013 JAN 14 PM 1:33 STATE ENGINEERS OFFICE

Date started: 8-Nov, 20 12
Date completed: 13-Nov, 20 12

9. WELL CONSTRUCTION
Depth Drilled 200 Feet Depth Cased 199 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
7 5/8	Inches	0	Feet	170	Feet
8 5/8	Inches	170	Feet	200	Feet
	Inches		Feet		Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4		Sch 40	0	199

Perforations:
Type of perforation Slot
Size of perforation .010
From 194 feet to 199 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 1 to 189 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 192 to 200 ☐ Pumped ☒ Poured
Type: 2/12 Sand
Bentonite Chips: ☒ Yes ☐ No 189 to 192 ☐ Pumped ☒ Poured
Type: Medium

7. Water Level
Static water level: 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)

NAD 27 38.564965°N
118.581573°W

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* M-1977
Signed (By driller performing actual drilling on site or contractor)
Date

(Rev. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY