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

OFFICE USE ONLY
Log No. 116578
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. 67139

1. OWNER Charles R. King/U.S. Army
MAILING ADDRESS 2 S Main Ave.
NE Hawthorne, NV 89415

ADDRESS AT WELL LOCATION Facility ID: HWAPP-I09 IRPMW106 (well name)
Hawthorne Army Depot
Subdivision Name: County: Mineral

2. LOCATION ~~SE~~ ¼ SW ¼ Sec 23 T 08N N/S R 30 E
PERMIT/WAIVER No. N/A
Issued by Water Resources Parcel No.

Latitude 38°32'22.89" UTM E ☐ NAD 27
Longitude 118°36'24.69" N ☒ 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
Sand		0	48	48
Gravel		48	58	10
Silty Sand		58	68	10
Sand		68	98	30
Sand with Clay		98	118	20
Sand		118	128	10
Clay		128	148	20
Sand and Gravel		148	168	20
Silty Sand		168	173	5
Sand and Gravel		173	185	12
Silty Sand		185	193	8

RECEIVED 2012 FEB 23 AM 11:21 STATE ENGINEER'S OFFICE

Date started: 12-Jan, 20 12
Date completed: 13-Jan, 20 12

9. WELL CONSTRUCTION
Depth Drilled 193 Feet Depth Cased 187 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 1/4"	Inches	0	Feet	193	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 80	0	187

Perforations:
Type of perforation Slot
Size of perforation .010
From 167 feet to 187 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 161 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 164 to 193 ☐ Pumped ☒ Poured
Type: 2/12 Sand
Bentonite Chips: ☒ Yes ☐ No 161 to 164 ☐ Pumped ☒ Poured
Type: 1/4" Chips

7. Water Level
Static water level: 173 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)

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* 2079
Signed (By driller performing actual drilling on site or contractor)
Date 2/16/2012

(Rev. 05-08) USE ADDITIONAL SHEETS IF NECESSARY

38.539770°N
118.605892°W NAD27