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

OFFICE USE ONLY
Log No. 116580
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 IRPMW108
Hawthorne Army Depot (well name)
Subdivision Name: County: Mineral

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

Latitude 38°32'36.62" Longitude 118°36'31.87"
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
Sand		0	68	68
Silty Sand		68	88	20
Sand with Gravel		88	128	40
Sand with Silt		128	161	33
Sand with Gravel		161	165	4
Sand		165	172	7
Sand with Gravel		172	175	3

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Date started: 16-Jan, 20 12
Date completed: 17-Jan, 20 12

9. WELL CONSTRUCTION
Depth Drilled 175 Feet Depth Cased 171 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 1/4"	Inches	0	Feet	175	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	171

Perforations:
Type of perforation Slot
Size of perforation .010
From 151 feet to 171 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 145 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 148 to 175 ☐ Pumped ☒ Poured
Type: 2/12 Sand
Bentonite Chips: ☒ Yes ☐ No 145 to 148 ☐ Pumped ☒ Poured
Type: 1/4" Chips

7. Water Level
Static water level: 162 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. 05-06)

USE ADDITIONAL SHEETS IF NECESSARY

38.543584°N NAD27
118.607886°W