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

OFFICE USE ONLY
Log No. 115858
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-116
Hawthorne Army Depot Hawthorne, NV
Subdivision Name: County: Mineral

2. LOCATION SE ¼ SE ¼ Sec 12 T 08N N/S R 30 E
PERMIT/WAIVER No. ..... Issued by Water Resources ..... Parcel No.

Latitude 38.564973°N
Longitude 118.579248°W
UTM E ..... N .....
[X] NAD 27
[ ] NAD 83/WGS 84

3. WORKED PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [ ] RVC
[ ] Air [X] Other Auger

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Fine sands, beach sand, fine		0	70	70
Sandy silty mix with 3/4" rock		70	100	30
Fine sands, sand stone		100	130	30
Fine sands, silty mix, flowing	135	130	150	20
sands, light gray				

Date started: 24-Sep, 20 12
Date completed: 25-Sep, 20 12

9. WELL CONSTRUCTION
Depth Drilled 150 Feet Depth Cased 150 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10	Inches	0	Feet	150	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	150

Perforations:
Type of perforation Slot
Size of perforation .010
From 130 feet to 150 feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet
From ..... feet to ..... feet

Annular Seal: [X] Yes [ ] No
[ ] Neat Cement ..... to ..... [ ] Pumped [ ] Poured
[X] Cement Grout 0 to 124 [X] Pumped [ ] Poured
[ ] Concrete Grout ..... to ..... [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout ..... to ..... [ ] Pumped [ ] Poured

Gravel Pack: [X] Yes [ ] No 128 to 150 [ ] Pumped [X] Poured
Type: 2/12
Bentonite Chips: [X] Yes [ ] No 124 to 128 [ ] Pumped [X] Poured
Type: Medium Chips

7. Water Level
Static water level: 135 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 2467
Signed ..... (By driller performing actual drilling on site or contractor)
Date 2-Nov-12

(Rev. 05-08)

USE ADDITIONAL SHEETS IF NECESSARY

RECEIVED 2012 NOV 7 AM 11:12 STATE ENGINEER'S OFFICE