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

OFFICE USE ONLY
Log No. 116581
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.
Hawthorne, NV 89415

ADDRESS AT WELL LOCATION Facility ID: HWAPP-I09 IRPMW109 (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°32'9.09" Longitude 118°36'25.76"
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	49	49
Sand with Gravel		49	99	50
Sand		99	159	60
Sand with Gravel		159	215	56

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Date started: 25-Jan, 20 12
Date completed: 26-Jan, 20 12

7. Water Level
Static water level: 193 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 215 Feet Depth Cased 208 Feet

HOLE DIAMETER (BIT SIZE)

		From		To	
10 1/4"	Inches	0	Feet	215	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	208

Perforations:
Type of perforation Slot
Size of perforation .010
From 188 feet to 208 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

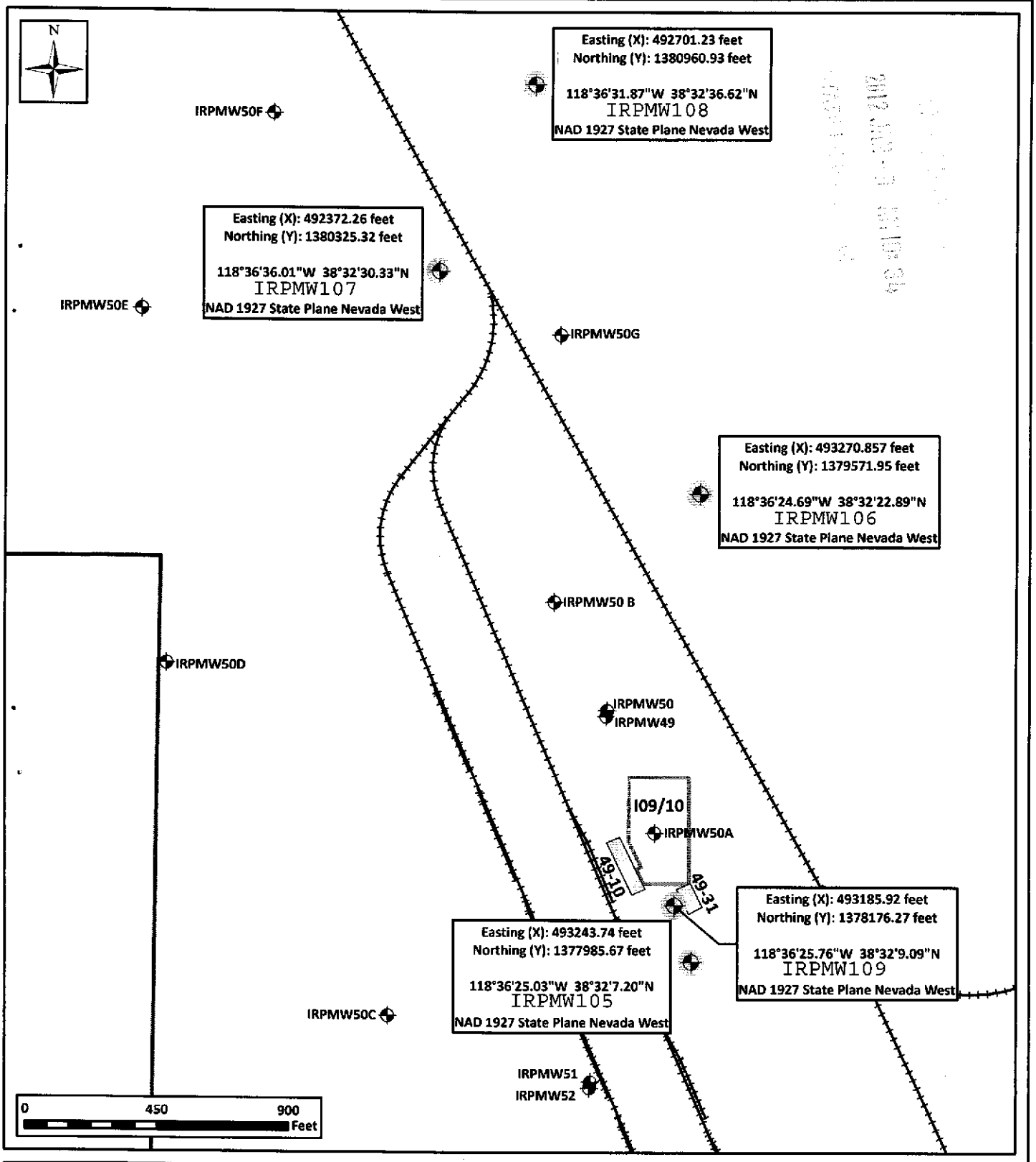
Annular Seal: ☒ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☒ Cement Grout 0 to 182 ☒ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured

Gravel Pack: ☒ Yes ☐ No 185 to 215 ☐ Pumped ☒ Poured
Type: 2/12 Sand
Bentonite Chips: ☒ Yes ☐ No 182 to 185 ☐ Pumped ☒ Poured
Type: 1/4" 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 2079
Signed (Driller performing actual drilling on site or contractor)
Date 2/16/2012

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

38.535937°N NAD27
118.606189°W



Map Key:

- Existing Groundwater Monitoring Well
- Proposed Groundwater Monitoring Well
- Rail
- Building
- SWMU Boundary
- HWAD Boundary

SWMU I09
Location of Proposed and Existing Groundwater Monitoring Wells

25 years

PLEXUS scientific

Figure 2

Hawthorne Army Depot
Hawthorne, Nevada

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Edited By: Betsy Bouton 01/03/2012 09:25