WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety

OFFICE USE ONLY
Log No. 3283
Permit No.
Basin 9-110C

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 9828

1. OWNER Hawthorne Army Ammuntion Plant
MAILING ADDRESS Commander (SMCHW-OR) HWAAP
Hawthorne, NV 89416

ADDRESS AT WELL LOCATION Hawthorne Army Ammunition Plant, Grant and 5th Ave North

2. LOCATION NW ¼ 8 ¼ Sec. 26 T 8 (N) S R. 31 (E) Mineral County

PERMIT NO. ____ Issued by Water Resources | Parcel No. | Subdivision Name

3. TYPE OF WORK
New Well ☒ Recondition ☐
Deepen ☐ Other ☐

4. PROPOSED USE
Domestic ☐ Irrigation ☐ Test ☒
Municipal ☐ Industrial ☐ Stock ☐

5. TYPE WELL
Cable ☐ Rotary ☐
Other ☒ air rotary

6. LITHOLOGIC LOG (HWAAP-017)

Material	Water Strata	From	To	Thickness
Fine silty sand	dry	0	70.0ft	70ft
Fine sand	damp	70ft	105ft	35ft
Fine sand with clay	moist	105ft	115ft	10ft
fine sand	m-wet	115ft	118ft	3ft
Sand with trace gravel	wet	118	127ft	9ft
Fine to Med sand	wet	127ft	129ft	2ft

'89 MAY 12 A0:32
STATE ENGINEER

Date started 2-11, 19 88
Date completed 2-16, 19 88

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST
G.P.M. ____ Draw down ____ feet ____ hours
G.P.M. ____ Draw down ____ feet ____ hours
G.P.M. ____ Draw down ____ feet ____ hours

8. WELL CONSTRUCTION
Diameter 4" inches Total depth 129ft feet
____ inches
____ inches
Casing record Mild steel schedule 40
Weight per foot ____ Thickness ____

Diameter	From	To
4" inches	+2.07 feet	129.0 feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes ☒ No ☐ Type cement grout
Depth of seal 108.0 ft. feet
Gravel packed: Yes ☒ No ☐
Gravel packed from 115 feet to 129 feet

Perforations:
Type perforation continuous slot stainless steel
Size perforation .020"
From 117 feet to 127 feet
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet
From ____ feet to ____ feet

9. WATER LEVEL
Static water level 117 feet below land surface
Flow ____ G.P.M. ____ P.S.I.
Water temperature 84 °F Quality ____

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Water Development Corportion (Contractor)
Address 220 N East St., Woodland, CA (Contractor)
Nevada contractor's license number issued by the State Contractor's Board 0012852
Nevada contractor's driller's number issued by the Division of Water Resources ____
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1015
Signed ____ (By driller performing actual drilling on site or contractor)
Date 5-2-89

(Rev. 11-85) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

Log#32123

BORING NO. HWAAP-017

FIELD ENGINEER J.E. Davidson
EDITED BY J.E. Davidson
CHECKED BY S. Wright
TOTAL DEPTH 129 ft.

COORDINATES N 1,397,834 E 502,654
DATE BEGAN 2/11/88
DATE FINISHED 2/16/88
GROUND SURFACE EL. 4210.01

DEPTH IN FEET	SAMPLE TIME	SAMPLE NUMBER (ITMW-17-)	DRIVE/RECOVERY	WELL SUMMARY	PENETRATION RESISTANCE (BLOWS/FT) SAMPLE	USCS	PROFILE	DESCRIPTION
0				2.07 ft. stickup w/ locking cap elev. 4212.08 Weld				
5								
10	12:37	10		Mild steel sch. 40 (21' length)		sm		Light tan, fine SILTY SAND; dry, trace pebbles.
15								
20	12:52	20				sm		Light tan, fine SILTY SAND; dry.
25				Weld				
30	12:56	30				sm		Light tan, fine SILTY SAND; dry, trace gravel.
35				Backfill with cement grout 0 to 110 ft.				
40	13:11	40				sm		Tan to brown, fine SILTY SAND; dry, gravel lense.
45				Weld Centralizer @ 45 feet.				
50	13:20	50				sm		Brown, fine SILTY SAND; dry, with gravel.
55								
60	13:50	60				sm		Tan brown, fine SILTY SAND; dry, with pebbles.
65				Weld				
70								

PROJECT NO. 190257
CLIENT: US Army Corps of Engineers
Huntsville, Alabama

IT ...Creating a Safer Tomorrow

SEE LEGEND FOR LOGS AND TEST PITS
FOR EXPLANATION OF SYMBOLS AND TERMS

HWAAP-017(HW-3)

E.1-6

Log#32123

BORING NO. HWAAP-017

FIELD ENGINEER J.E. Davidson
EDITED BY J.E. Davidson
CHECKED BY S. Wright
TOTAL DEPTH 129 ft.

COORDINATES N 1,397,834 E 502,654
DATE BEGAN 2/11/88
DATE FINISHED 2/16/88
GROUND SURFACE EL. 4210.01

DEPTH IN FEET	SAMPLE TIME	SAMPLE NUMBER (ITMW-17-)	DRIVE/RECOVERY	WELL SUMMARY	PENETRATION RESISTANCE (BLOWS/FT) / SAMPLE	USCS	PROFILE	DESCRIPTION
70	14:00	70		Mild steel sch. 40 (21 ft. lengths) Weld		sp		Brown, fine SAND; damp.
75				Backfill with cement grout 0 to 110 ft.				
80	14:06	80		S.S. sch. 5 blank (30 ft.)		sp		Brown, fine SAND; damp.
85				Centralizer @ 87 feet.				
90	14:15	90		Weld		sp		Brown, fine SAND; damp.
95	14:17	96				sp		Red to brown, fine SAND; damp to moist.
100	14:30	100				sp		Dark brown, fine SAND; moist.
105								
110	14:40	110		#60 sand		sp-sc		Dark brown, fine SAND; some clay, moist.
				1/2-1/4 inch bentonite pellets				
115				Centralizer @ 116 feet.				
	14:45	118		#2/12 sand 6-100lb. bags		sp-sc		Dark brown, fine SAND; moist to wet. Dark brown SAND; trace gravel, trace clay, wet.
120	15:20	120		#20 slot screen sch. 5 S.S. from 117 to 127 ft.				
125	15:35			Centralizer @ 128 feet.				
	10:23 2/16	127		Sch. 5 S.S. sand sump		SC		Dark brown to tan, **SAND; moist.** Brown fine to medium SAND; some clay.
130								TOTAL DEPTH 129 FEET
135								
140								

DRILLING INFORMATION

SUBCONTRACTOR: The Water Developement Corporation
EQUIPMENT: Koehring SS-15THH, carrier mounted
METHOD: Air Rotary Casing Hammer
TEMPORARY DRILL CASING: 9 5/8" O.D. flush threaded
BIT: 8 1/2" Mill Tooth Roller Bit

DRILLER SUPT.: Miller Smith

PROJECT NO. 190257
CLIENT: US Army Corps of Engineers
Huntsville, Alabama

IT ...Creating a Safer Tomorrow

SEE LEGEND FOR LOGS AND TEST PITS
FOR EXPLANATION OF SYMBOLS AND TERMS

HWAAP-017(HW-3)