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

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DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 88334
Permit No.
Basin 110C

NOTICE OF INTENT NO. 51049

1. OWNER Hawthorne Army Depot
MAILING ADDRESS 1 South Maine AVE Hawthorne, NV 89415-9404
ADDRESS AT WELL LOCATION Hawthorne Army Depot Highway 95 Hawthorne, NEVADA 89415

2. LOCATION NE 1/4 X NW 1/4 Sec. 11 T. 8 N/S R. 30 E. Minerals County
PERMIT NO. MO/1252 (Issued by Water Resources) | Parcel No. | Subdivision Name

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Abandon ☐ Other

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

5. WELL TYPE
☐ Cable ☒ Rotary ☐ RVC
☐ Air ☐ Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
See Attached pages				
MW-#19				

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Date started 6-25, 2002
Date completed 6-25, 2002

7. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
NA		

8. WELL CONSTRUCTION
Depth Drilled 90 Feet Depth Cased 90 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10 1/2 Inches	0 Feet	90 Feet
Inches	Feet	Feet
Inches	Feet	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	PVC	Sch. 40	#2	70

Perforations:
Type perforation Sloted
Size perforation .020
From 70 feet to 90 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 61
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 90 feet to 66 feet

9. WATER LEVEL
Static water level 78 feet below land surface
Artesian flow NA G.P.M. NA P.S.I.
Water temperature NA °F Quality NA

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Layne Christensen (Contractor)
Address 11001 Etiwanda AVE (Contractor)
Fontana CA 92337
Nevada contractor's license number issued by the State Contractor's Board 0019101
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1468
Signed Stephen Johnson (By driller performing actual drilling on site or contractor)
Date 6-29-02

(Rev. 12-01) USE ADDITIONAL SHEETS IF NECESSARY (O)-627

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Sheet 1 of

Project Name and Location: BLDG 336			TC Number: 12308-01
Elevation:	Date and Time Started: 06-25-02 7:40		Date and Time Completed:
Completion Depth:	Number of Samples: Drive: —	1-liter: —	VOA: — Other: No Samples Coll.
Boring Diameter & Drilling Method: 10" Hollow Stem Auger	Water Level:	First (date/time):	Second (date/time):
Sampler: N/A	Hammer Wt.: Drop:	Boring Location: North of Tracks	
Drilling Co: Layne	Driller: JIM	Geologist: R. Marvin	

Depth (ft.)	~~Sample No.~~ DEPTH (Ft)	Sample Interval	Recovery	Blow Count	Description	Graphic Symbol	USCS Symbol	Estimated % of Gr	Sa	Si	Cl	P.I.D. Reading	Comments
	0-5				Well graded sand and gravel. Gravel clasts subangular to sub rounded. Light tan color. Dry			20	60	20			
	5-10				Well graded sand and gravel - as prev. Tan to light orange color. Dry			20	60	20			
	10-15				Poorly graded fine sand. Olive-brown color. Moist.				90	10			
	15-20				Poorly graded medium sand with sparse sub rounded gravel clasts. Brow-orange color. Moist			10	70	20			
	20-25				As prev. Becoming more moist.								
	25-30				Well graded sand. Clasts rounded to sub-rounded. Sparse gravel. Brown color.			15	65	20			
	30-35				As prev.			10	70	20			
	35-40				Well graded, rounded to sub rounded gravel with silty-sandy matrix			40	40	20			

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Sheet of

Project Name and Location: BLDG 336 - HAWTHORNE

TC Number: 12308-01

Depth (ft.) Sample No.	Sample Interval	Recovery	Blow Count	Description	Graphic Symbol	USCS Symbol	Estimated % of Gr	Sa	Si	Cl	P.I.D. Reading	Comments
35-40 (cont)				Brown to tan color. Moist. Clast size to > 2.5".								
40-45				As prev.			30	50	20			0.0 PID
45-50				Well ~~so~~ poorly graded gravel with silty-sandy matrix, grading down into well graded silty sand with a sparse gravel. Light brown color. Moist			25	55	20			
50-55				Well graded, gravelly sand. Gravel clasts sub-angular to sub rounded. Tan to light brown color. Moist.			30	60	10			Hole Becomes Tight.
58-60				A/p			30	60	10			TIGHT HOLE
60-65				Well graded, gravelly sand grading down into silty-sandy brown clay. Moist and calcareous			20	40	20	20		0.0 PID
65-70				Silty-sandy brown clay. Moist and calcareous.				20	20	60		
70-75				Silty-sandy brown clay. Moist and calcareous.				20	20	60		
75-80				A/p.	~ H_2O ~ 75' bgs			20	20	60		Poor Return. 121 PID
80-85				A/p with strong VOC odor. Very damp to saturated.								2891 PID
85-90				A/p								1720 PID