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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. 28331
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 ¼ NW ¼ Sec. 11 T. 3 N/S R. 30 E. Mineral County
PERMIT NO. MW1252 (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-16				

Date started 6-18, 2002
Date complated 6-19, 2002

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

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
NONE		

8. WELL CONSTRUCTION
Depth Drilled 95 Feet Depth Cased 95 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
10½ Inches	0 Feet	95 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	75'

Perforations:
Type perforation slotted
Size perforation .020
From 75 feet to 95 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 64
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 95 feet to 71 feet

9. WATER LEVEL
Static water level 79' 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 (Contractor) Layne Christensen
Address (Contractor) 11001 Etiwanda Ave
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 6-23-02

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

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BORING LOG FORM

Boring #: MW16
Sheet 1 of 2

Project Name and Location: BLDG 336			TC Number: TC#12308-01
Elevation:	Date and Time Started: 06-18-02 12:00	Date and Time Completed: 06-18-02 14:30	
Completion Depth: 95' bgs	Number of Samples: Drive: —	1-liter: —	VOA: — Other: no samples collected
Boring Diameter & Drilling Method: Hollow stem auger. 10 inch OD.	Water Level:	First (date/time): Saturated clay @ 82'	Second (date/time):
Sampler: none	Hammer Wt.:	Drop:	Boring Location: 120 east of MW15
Drilling Co: Layne	Driller:		Geologist: R. Marvin

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
0'-5'					Granitic sand and gravel. Rounded to sub-angular clasts			30	40	30			0.0 PID Dry
5'-10'					Fine granitic sand with local gravel interbeds.			10	60	30			0.0 PID Dry
10'-15'					Interbedded gravely sand and fine sand			20	50	30			0.0 PID Dry
15-20'					Fine granitic sand with local gravel interbeds			20	60	20			0.0 PID Dry
20-25					Interbedded gravely sand and fine sand.			20	50	30			0.0 PID Dry
25-30					Massive sandy gravel tan to orange-tan			30	40	30			0.0 PID Dry
30-35					Orange to brown sandy gravel. Local gravel clast > 2 inch dia.			30	50	20			0.0 PID Dry
35-40					Silty sand with local gravel interbeds. Brown to tan			15	40	40	5		0.0 PID slightly damp
40-45					Rounded "pea-gravel" with silty sand matrix. Material is caving against auger			40	20	30	10		0.0 PID damp

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BORING LOG FORM

Boring #: MW16

Sheet 2 of 2

Project Name and Location:

TC Number:

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
	45-50				Rounded "pea-gravel" with silty sand matrix			40	20	30	10		0.0 PID damp. Hole tight
	50-55				Very coarse rounded gravel with sandy to silty matrix			40	30	30			0.0 PID damp
	55-60				Gravely sand, angular clasts.			20	60	20			0.0 PID damp
	60-65				Gravely sand, angular clasts. Brown. Damp.			20	60	20			0.0 PID damp Hole V. tight
	65-70				Silty sand with sparse gravel. Sand is angular, gravel is rounded to sub-rounded			10	60	20	10		0.0 PID damp Hole tight.
	70-75				Silty sand with sparse gravel. Becoming very damp but no free water.			10	60	20	10		0.0 PID
	75-80				Very limited recovery. Very damp silty sand.			–	60	30	10		0.0 PID
	80-85				Silty sand with high clay content. Limited recovery. Very damp				40	40	20		0.0 PID
	85-90				Silty sand with high clay content. Water saturated. Limited Recovery				30	50	20		0.0 PID
	90-95				Silty-sandy brown clay - saturated with H_2O.								T.D. @ 95' bgs