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

PRINT OR TYPE ONLY
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. 883353
Permit No.
Basin 10C

NOTICE OF INTENT NO. 51049

1. OWNER Hawthorne Army Depot
MAILING ADDRESS 1 South Maine ~~Depot~~ AVE Hawthorne, Nev 89415-9404
ADDRESS AT WELL LOCATION Hawthorne Army Depot Highway 95 Hawthorne Nevada 89415
2. LOCATION NE ¼ x ¼ NW ¼ Sec. 11 T. 8 ~~N~~/S R. 30 E. Mineral County
PERMIT NO. MO 11252 (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-18				

Date started 6-20, 2002
Date completed 6-20, 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)

Inches	From Feet	To Feet
10½"	0	95

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4"	PVC	Sch. 40	75	0

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

Surface Seal: ☒ Yes ☐ No
Depth of Seal 63
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 95 feet to 68.5 feet

9. WATER LEVEL
Static water level 80' 2" 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 Co (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 [illegible] (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 #: MW 18

Sheet 1 of 2

CC Jim Lewith USACE (Ask Pack)

Project Name and Location: Building 336			TC Number:
Elevation:	Date and Time Started: 06-20-02 7:30		Date and Time Completed:
Completion Depth: 95' bgs	Number of Samples: Drive: —	1-liter: —	VOA: — Other: no samples collect.
Boring Diameter & Drilling Method: 10 inch Hollow Stem Auger	Water Level:	First (date/time): ~85' bgs	Second (date/time):
Sampler: N/A	Hammer Wt.: Drop:	Boring Location: Southside of Bldg 102-52	
Drilling Co: Layne	Driller: Jim	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				Mixed sand and fill material.			5	70	25			
	5-10				well graded, angular sand, tan to light orange			5	80	15			14.7 PID
	10-15				well graded angular sand with intermixed coarse angular cobbles - probably fill material			10	80	10			11.4 PID
	15-20				well graded medium grained sand with sparse angular gravel damp			10	70	20			8.6 PID
	20-25				Well graded medium sand with sparse gravel clasts damp			10	70	20			
	25-30				well graded medium sand with sparse rounded gravel clasts			10	70	20			18.5 PID
	30-35				A/p - damp			10	70	20			13.4 PID
	35-40				well graded medium sand with transition to mixed sand and rounded gravel @ end of interval.								9.8 PID
	40-45				Rounded well graded gravel with silty, sandy matrix								11.6 PID

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BORING LOG FORM

Boring #: MW18

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				well graded, rounded gravel with silty-sandy matrix - damp.			50	30	20			16.7 PID
	50-55				well graded rounded gravel with silty-sandy matrix			50	30	20			
	55-60				well graded, rounded gravel grading down into coarse, angular sand.			40	40	20			0.0 PID
	60-65				Well graded coarse sand with sparse angular gravel, damp			5	70	25			0.0 PID
	65-70				silty-sandy brown clay.				20	40	40		10.2 PID
													0.0 PID
	70-75				silty-sandy brown clay				20	40	40		
	75-80				silty-sandy brown clay with sparse, angular gravel clasts.			10	20	30	40		0.0 PID
													1 sleeve Sample.
	80-85				silty-sandy brown clay, very damp				20	20	60		12.6 PID
													1 Sleeve Sam.
	85-90				Silty-sandy brown clay				20	20	60		17.2 PID
	90-95				Silty-sandy brown clay				20	20	60		12.9 PID

NOTE: During auger removal, wet poorly graded sand was recovered. Hole likely bottomed in this material