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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. 88332
Permit No.
Basin 110C

NOTICE OF INTENT NO. 51049

1. OWNER Hawthrone Army Depot
MAILING ADDRESS 1 South Maine Ave Hawthrone Nev 89415-9404
ADDRESS AT WELL LOCATION Hawthrone Army Depot Highway 95 Hawthrone, NV 89415

2. LOCATION NE 1/4 NW 1/4 Sec. 11 T. 8 N/S R. 30 E. Mineral County
PERMIT NO. MD/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-17				

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Date started 6-19, 2002
Date completed 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
10 1/2 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	0	75

Perforations:
Type perforation sloted
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 65'8"
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 95 feet to 69'6" feet

9. WATER LEVEL
Static water level 81'7" 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 Johnson (By driller performing actual drilling on site or contractor)
Date 6-23-02

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

261-4199
916

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BORING LOG FORM

Boring #:	MW17
Sheet	1 of 3

Project Name and Location: BLDG 336			TC Number:
Elevation:	Date and Time Started: 06-19-02 11:00	Date and Time Completed: 06-19-02 17:00	
Completion Depth: 95'	Number of Samples: Drive: — 1-liter: — VOA: —	Other: No samples Collected	
Boring Diameter & Drilling Method: 10 inch Hollow Stem Auger	Water Level:	First (date/time):	Second (date/time):
Sampler: —	Hammer Wt.: Drop:	Boring Location: 50' NE 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'				Gravelly sand - orange to tan color			20	70	10			0.0 PID
	5'-10'				Gravelly sand tan to brown color								0.0 PID
	10-15				medium gr sand with high silt and clay content - damp				60	20	20		0.0 PID
	15-20				silty - sandy brown clay - Transition to silty sand @ end of interval				30	40	30		0.0 PID
	20-25				Fine poorly graded micaceous sand, damp				70	20	10		0.0 PID
	25-30				Fine grained, poorly graded micaceous sand tan to brown - damp				70	20	10		0.0 PID
	30-35				Well graded silty sand with sparse clay inter-beds				60	30	10		0.0 PID
	35-40				well graded silty sand with sparse clay interbeds.				60	30	10		0.0 PID
	40-45				Coarse, rounded gravel with silty - sandy matrix			40	40	20			0.0 PID

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BORING LOG FORM

Boring #: MW17

Sheet 2 of 3

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 sand matrix. Gravel becoming very coarse at end of interval. Tan to brown			40	30	30			0.0 PID
	50-55				Well graded, rounded gravel, very coarse cobbles grading down into poorly graded "pea gravel" silty-sandy matrix throughout, damp			50	30	20			0.0 PID
	55-60				Well graded, medium grade sand with "pea gravel" interbeds tan to dark brown			20	60	20			0.0 PID
	60-65				Well graded fine sand with coarse sand interbeds. damp			10	70	20			
	65-70				medium well graded silty sand with sparse gravel interbeds								Hole becoming tight
	70-75				Medium grained, well graded silty sand. Becoming clay rich and very damp @ end of interval.				50	30	20		Hole tight
	75-80				Medium grained, well graded silty sand with clay rich interbeds				40	40	20		

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BORING LOG FORM

Boring #: MW17

Sheet 3 of 3

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
	80-85		60		Silty - sandy brown				20	20	60		0.0 PID
					to tan clay. Poor								
					recovery, clay damp								
					to saturated with H_2O								
	85-90				Silty - sandy brown				20	20	60		
					clay. Damp to								
					saturated with H_2O								
	90-95				Silty - sandy brown				20	20	60		TD @
					clay. Damp to								95'
					saturated with H_2O								