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. 86901
Permit No.
Basin 212

NOTICE OF INTENT NO. 20985

1. OWNER Republic Dumpco Inc
MAILING ADDRESS 7900 E. Vegas Valley Dr
Las Vegas, NV 89142
ADDRESS AT WELL LOCATION Sunrise Mountain
7900 E. Vegas Valley Dr.
Las Vegas, NV 89142

2. LOCATION NE ¼ SW ¼ Sec. 12 T. 21 N/S R. 62 E. Clark County
PERMIT NO. (Issued by Water Resources) Parcel No. 161-12-002 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. 3F LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Pink poorly graded sand		0	16	16
Pink silty gravel & sand		16	70	54
Clayey sand w/ gravel		70	77	7
Pink to reddish brown sand w/ gravel		77	180	103
well graded sand		180	185	5
Fat clay		185	200	15
clayey sand w/ gypsum		239	250	11
Red silty sand		250	252	2
Reddish brown clayey silt	268	252	273	21
Reddish brown lean clay		273	275.5	2.5
Reddish brown clayey silt and gypsum		275.5	295	19.5

- WAIVER ATTACHED FOR PAD COMPLETION -

Date started 2-08-02
Date completed 5-01-02

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

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

8. WELL CONSTRUCTION
Depth Drilled 295 Feet Depth Cased 278 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
36 Inches		0 Feet	19 Feet
22 Inches		19 Feet	247 Feet
8.75 Inches		247 Feet	295 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
24	125		0	19
18			0	247
4.50	SCH 80 PVC		0	278

Perforations:
Type perforation Factory Slotted
Size perforation .010
From 258 feet to 278 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal 245
Placement Method: ☒ Pumped ☐ Poured
Seal Type: ☐ Neat Cement ☒ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 255 feet to 280 feet

9. WATER LEVEL
Static water level 268 feet below land surface
Artesian flow G.P.M. P.S.I.
Water temperature °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 Layne Christensen Co. (Contractor)
Address 1707 So. 4490 West (Contractor)
Salt Lake City, UT 84104
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 2057
Signed (By driller performing actual drilling on site or contractor)
Date 5-23-02

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627