



WELL DRILLER'S REPORT

Please complete this form in its entirety

PRINT OR TYPE ONLY

NOTICE OF INTENT NO. 5636

1. OWNER Las Vegas Valley Water District ADDRESS AT WELL LOCATION 2.5 miles SW of
 MAILING ADDRESS 1001 S Valley View Blvd Nevada Landing off Cold Springs Road
Las Vegas, NV 89153

2. LOCATION SW 1/4 SE 1/4 Sec 16 T 25S N/S R. 59 E Clark County Clark
 PERMIT NO. M02553 Ivanpah Valley Subdivision Name

Issued by Water Resources Parcel No. Subdivision Name

3. TYPE OF WORK
 New Well Recondition
 Deepen Other

4. PROPOSED USE
 Domestic Irrigation Test
 Municipal Industrial Stock

5. TYPE WELL
 Cable Rotary
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
See Attached Log				
RECEIVED				
MAY 16 1995				
Div. of Water Resources Branch Office - Las Vegas, NV				
STATE ENGINEERS OFF				

8. WELL CONSTRUCTION

Diameter 6 inches Total depth 970 feet

Weight per foot Thickness

Diameter	From	To
<u>12</u> inches	<u>+2</u> feet	<u>50</u> feet
<u>6</u> inches	<u>-30</u> feet	<u>370</u> feet
<u>3</u> inches	<u>+2.5</u> feet	<u>960</u> feet
inches	feet	feet
inches	feet	feet
inches	feet	feet

Surface seal: Yes No Type Cement Grout
 Depth of seal 50 feet
 Gravel packed: Yes No
 Gravel packed from --- feet to --- feet

Perforations:
 Type perforation Factory
 Size perforation 1/8" x 4"
 From 940 feet to 480 feet
 From --- feet to --- feet
 From --- feet to --- feet
 From --- feet to --- feet

Date started March 29, 1995
 Date completed April 14, 1995

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump
<u>Air Test</u>	<u>40</u>	<u>at bit</u>	<u>3 hours</u>
		<u>740'</u>	

BAILER TEST

G.P.M. N/A Draw down --- feet --- hours
 G.P.M. --- Draw down --- feet --- hours
 G.P.M. --- Draw down --- feet --- hours

9. WATER LEVEL

Static water level 455 feet below land surface
 Flow 40 G.P.M. --- P.S.I.
 Water temperature 80 °F Quality SC-1800 Micro Semens

10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.
 Name Staco Well Services, Inc. Contractor
 Address 220 Academy Street, Mt. Angel, OR 97362 Contractor
 Nevada contractor's license number issued by the State Contractor's Board C-0155320
 Nevada contractor's driller's number issued by the Division of Water Resources M1569
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller M1569
 Signed [Signature] By driller performing actual drilling on site or contractor
 Date May 9, 1995

WELL J-6E CONDENSED LITHOLOGY WELL

- 0 - 205 Fine to medium sands 50-70%; gravel 30-50% limestone up to 1.5 inches, subangular to subrounded.
- 205 - 240 Fine to medium sands 70-80%; gravel 20-30% limestone and dolomite, chert present.
- 240 - 310 Fine to medium sands 60-70%; gravel 30-40% limestone and dolomite light to dark, chert present.
- 310 - 315 Fine to medium sands 90%; gravel 10%.
- 315 - 330 Fine to medium sands 60-70%; gravel 30-40% limestone and dolomite light to dark, chert present.
- 330 - 495 Tuffaceous alluvium, tannish gray, calcareous matrix; moderately cemented, frags have limestone and dolomite frags and pumice chards, biotite and sanidine xls present. Basal 15 feet very mafic, possible mafic flow.
- 495 - 585 Fine to medium sands 60-70%; gravel 30-40%, dolomite and limestone, chert present.
- 585 - 590 Fine to medium sands 90%; gravel 10%.
- 590 - 660 Fine to medium sands 50%; gravel 50%, dolomite, calcite cementation present.
- 660 - 870 Dolomite, light to gray, fine grained, mottled; some pink dolomite at 675', slightly vuggy, calcite present (5-10%).
- 870 - 910 Dolomite, light to gray w/pink tinge, granular texture, amber calcite present 5%, slightly vuggy.
- 910 - 970 Dolomite, light to gray, medium grained, mottled; slightly vuggy, calcite present.

'95 MAY 12 P2:12

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