



# 77

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 3541

PRINT OR TYPE ONLY

1. OWNER Las Vegas Valley Water District ADDRESS AT WELL LOCATION Near Torrey Pines & Lake Mead  
 MAILING ADDRESS 3700 W. Charleston Blvd.  
Las Vegas, NV 89153

2. LOCATION 1/4 SW 1/4 Sec. 23 T 20 N 23 E Clark County  
 PERMIT NO. 55302 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  Other

5. TYPE WELL  
 Cable  Rotary   
 Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sandy gravel, mod. cementation		0	63	63
Silty clay some sand & grav.		63	76	13
Sandy grav. slightly cem.		76	80	4
Sandy silt & clay, slightly cem. with gravel		80	92	12
Sandy gravel		92	95	3
Clayey silt & sand		95	102	7
Sandy gravel, some cem.		102	946	844
Sandy clay		946	949	3
Gravelly <del>xxx</del> sand, some clay		949	1130	181

8.36" to 150' WELL CONSTRUCTION

Diameter 30 inches Total depth 1,130 feet

Casing record  
 Weight per foot \_\_\_\_\_ Thickness 3/8

Diameter	From	To
<u>20</u> inches	<u>+3</u> feet	<u>1,110.3</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

Surface seal: Yes  No  Type Grout  
 Depth of seal 150 feet  
 Gravel packed: Yes  No   
 Gravel packed from 0 feet to 1,130 feet

Perforations:  
 Type perforation Johnson Hi-Cap screen  
 Size perforation 0.100 slot  
 From 450 feet to 650 feet  
 From 730.3 feet to 1,090.3 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

RECEIVED

JUL 12 1990

Div. of Water Resources  
 Branch Office - Las Vegas, NV

Date started February 26, 19 90  
 Date completed June 21, 19 90

7. WELL TEST DATA

Pump RPM	G.P.M.	Draw Down	After Hours Pump

BAILER TEST

G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours  
 G.P.M. \_\_\_\_\_ Draw down \_\_\_\_\_ feet \_\_\_\_\_ hours

9. WATER LEVEL  
 Static water level 345.78 feet below land surface  
 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 THOMPSON DRILLING CO., INC.  
4185 W. Harmon Contractor  
Las Vegas, NV 89103 Contractor  
 Nevada contractor's license number issued by the State Contractor's Board 4286A  
 Nevada contractor's driller's number issued by the Division of Water Resources 290  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 675  
 Signed Richard K. Thompson  
 By driller performing actual drilling on site or contractor  
 Date July 10, 1990