

Log No. 36157  
 Permit No. 56348T  
 Basin 212  
 NOTICE OF INTENT NO. 8157

#83  
 PRINT OR TYPE ONLY

WELL DRILLER'S REPORT

Please complete this form in its entirety

1. OWNER Las Vegas Valley Water District ADDRESS AT WELL LOCATION South well field  
 MAILING ADDRESS 3700 W. Charleston Blvd  
Las Vegas, NV 89153

2. LOCATION NE  $\frac{1}{4}$  SE  $\frac{1}{4}$  Sec. 31 T. 20 S. 61 E. Clark County  
 PERMIT NO. 56348T  
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
Silt, sand, grav w/ caliche		0	27	27
Clay, sand, silt, grav mix		27	82	55
Gravelly sand w/ caliche		82	156	74
Clayey to gravelly sands		156	189	33
Silty to gravelly clays		189	221	32
Clayey to sandy grav.		221	263	42
Silty, sandy clay		263	290	27
Sandy gravel, mod. cemented		290	360	70
Clayey to sandy gravel		360	396	36
Clay, silt, fine sand, grav & caliche			437	41
Clayey to sandy gravel/sand		437	530	93
Sandy gravel		530	825	295
Gravelly clays		825	837	12
Sandy grav., some clay		837	910	73
Silty clay w/ gravel		910	1066	156
Sandy grav., mod. cemented		1066	1155	89
Clay, sand, silt, poor to moderately cemented			1185	30

8. WELL CONSTRUCTION  
 Diameter 30 inches Total depth 1,185 feet  
40 inches to 151'  
 Casing record  
 Weight per foot \_\_\_\_\_ Thickness 375  

Diameter	From	To
<u>32</u> inches	<u>+1</u> feet	<u>151</u> feet
<u>20</u> inches	<u>+3</u> feet	<u>1,160</u> feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet
_____ inches	_____ feet	_____ feet

 Surface seal: Yes  No  Type Type V grout  
 Depth of seal 5 to 151 feet  
 Gravel packed: Yes  No   
 Gravel packed from 0 feet to 1,185 feet  
 Perforations:  
 Type perforation Houston 3X strong screen  
 Size perforation 0.39" steel, 0.080 slot  
 From 540 feet to 730 feet  
 From 840 feet to 860 feet  
 From 1,060 feet to 1,140 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

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Div. of Water Resources  
 Branch Office - Las Vegas, NV  
 Date started September 27, 1991.  
 Date completed December 20, 1991.

9. WATER LEVEL  
 Static water level 138 feet below land surface  
 Flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

7. WELL TEST DATA

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

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  
 Address 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 W. Thompson  
 By driller performing actual drilling on site or contractor  
 Date February 6, 1992

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