

Log No. 36158
 Permit No. 56349T
 Basin. 212

#84
 PRINT OR TYPE ONLY

WELL DRILLER'S REPORT

Please complete this form in its entirety

NOTICE OF INTENT NO. 8161

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 SE 1/4 SE 1/4 Sec 31 T. 20 xxx S R. 61 E. Clark County
 PERMIT NO. 56349T 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
Sandy silt, silty sand caliche		0	15	15
Caliche, well cemented		15	24	9
Sandy grav & sandy clay		24	43	19
Caliche, well cemented		43	48	5
Clayey grav, trace sand		48	56	8
Casliche, well cemented		56	64	8
Clayey gravel w/ sand		64	129	65
Sandy clay & caliche		129	213	84
Sasnd & sandy clay		213	314	101
Sandy gravel		314	349	35
Clayey grav & sandy clay		349	449	100
Caliche, moderately cem.		449	458	9
Clayey sand & sandy clay		458	537	79
Sandy gravel, trace clay		537	775	238
Clay w/ sand, trace grav.		775	783	8
Sandy grav., moderately cem.		783	812	29
Clay w/ sand, trace grav.		812	850	38
Sandy gravel with clay		850	932	82
Clay		932	1039	107
Clayey gravel with sand		1039	1050	11
Sandy gravel, trace clay		1050	1164	114
Gravelly clay with sand		1164	1190	26

8. WELL CONSTRUCTION
 Diameter 30 inches Total depth 1,190 feet
40 inches to 158'
 Casing record.....
 Weight per foot..... Thickness 375

Diameter	From	To
<u>32</u> inches	<u>+1/2</u> feet	<u>158</u> feet
<u>20</u> inches	<u>+3</u> feet	<u>1,170</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 158' feet
 Gravel packed: Yes No
 Gravel packed from 0 feet to 1,190 feet
 Perforations:
 Type perforation Houston 3X strong screen
 Size perforation 0.38" steel, 0.080" slot
 From 540 feet to 730 feet
 From 1,030 feet to 1,150 feet
 From feet to feet
 From feet to feet

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Date started FEB 11 1992 December 2, 1991
 Date completed January 16, 1992

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

7.

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 127 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
 Address Las Vegas, NV 89103
 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

