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WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

NOTICE OF INTENT NO. \_\_\_\_\_

1. OWNER Las Vegas Valley Water District ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS 1001 S. Valley View \_\_\_\_\_  
Las Vegas, NV 89153 \_\_\_\_\_ Contract 981

2. LOCATION SW 1/4 SE 1/4 Sec 5 T 19 R 60 E Clark County  
 PERMIT NO. \_\_\_\_\_ Issued by Water Resources Parcel No. \_\_\_\_\_ 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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Test hole drilling was completed on 2/3/00 to a depth of 1301. The last portion of the hole was drilled with high viscosity, high yield bentonite mud due to some lost circulation areas near the TD. Geophysical & elect. logs were run to total depth in the bentonite mud filled hole on 2/4/00. The hole was then plugged on 2/9/00 & 2/10/00. Tremmie pipe was set to 950' and were unable to displace heavy bent that had settled in the hole at that depth. The hole was then aband by pumping from 850', ahigh solids bent. grout with weights from 9.1 to 9.3 lbs per gallon until the grout was displaced to surface. The grout level fell back 200'. The well was again filled with bent. grout to 10' BLC. The hole was then grouted with 3 cubic yards of 7 sack cement sand grout to surface on 2/14/00 & 2/17/00. A total of 75, 50 lb bags of "aqua gaurd" grout were used.				

8. WELL CONSTRUCTION  
 Depth Drilled 1301 Feet Depth Cased \_\_\_\_\_ Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To
<u>8 3/4</u>	<u>0</u>	<u>450</u>
<u>7 7/8</u>	<u>450</u>	<u>1301</u>

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:  
 Type perforation \_\_\_\_\_  
 Size perforation \_\_\_\_\_  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Neat Cement  
 Cement Grout  
 Concrete Grout  
 Depth of Seal \_\_\_\_\_  
 Placement Method:  Pumped  Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

9. WATER LEVEL  
 Static water level 205 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 Thompson Drilling Co., Inc. Contractor  
 Address 7227 Hauck Street Contractor  
Las Vegas, NV 89118  
 Nevada contractor's license number 4286A  
 issued by the State Contractor's Board  
 Nevada driller's license number issued by the 2074  
 Division of Water Resources, the on-site driller.  
 Signed Richard K. Thompson  
 By driller performing actual drilling on site or contractor  
 Date 2/17/00

Date started 12/28/1999  
 Date completed 2/17/2000

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

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