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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. 12396

1. OWNER JIM ESTEP ADDRESS AT WELL LOCATION GRAND CANYON + SOLAR  
 MAILING ADDRESS 9640 SOLAR AVE  
 2. LOCATION SE 1/4 SW 1/4 Sec. 18 T. 19 N/S R. 60 E CLARK County  
 PERMIT NO. 125-18-402-004 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

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
SAND, ROCKS + BOULDERS		0	5	5
CMT GRAVEL W/ STRKS OF GRAVEL + SAND		5	60	55
CMT. GRAVEL		60	250	190
CMT. GRAVEL W/ STRKS CLAY + GRAVEL		250	310	60
CMT. GRAVEL	540	310	600	290
LIMESTONE		600	625	25
CMT GRAVEL W/ LIMESTONE		625	650	25

8. WELL CONSTRUCTION  
 Depth Drilled 650 Feet Depth Cased 650 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 11 Inches To 0 Feet 650 Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet  
 \_\_\_\_\_ Inches \_\_\_\_\_ Feet \_\_\_\_\_ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>6.578</u>	<u>12.92</u>	<u>1.188</u>	<u>+1</u>	<u>650</u>

Perforations:  
 Type perforation FACTORY SAW  
 Size perforation 2 1/8 x 2 1/2  
 From 610 feet to 630 feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  
 Depth of Seal 75  Neat Cement  
 Placement Method:  Pumped  Concrete Grout  
 Poured  
 Gravel Packed:  Yes  No  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

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

9. WATER LEVEL  
 Static water level 491 feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. \_\_\_\_\_ P.S.I.  
 Water temperature \_\_\_\_\_ °F Quality \_\_\_\_\_

Date started 8-4, 1994  
 Date completed 8-11, 1994

7. WELL TEST DATA

TEST METHOD:	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
<input type="checkbox"/> Bailer <input type="checkbox"/> Pump <input type="checkbox"/> Air Lift			

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name DESERT DRILLING Contractor  
 Address 6475 GARY AVE Contractor  
LAS VEGAS, NV. 89139  
 Nevada contractor's license number issued by the State Contractor's Board 34274  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1792  
 Signed Timothy Couch  
 By driller performing actual drilling on site or contractor  
 Date 8-12-94