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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. **47728**

CONSULTANT: **Hayley & Aldrich, Inc.** CLIENT: \_\_\_\_\_  
 1. OWNER \_\_\_\_\_ ADDRESS AT WELL LOCATION \_\_\_\_\_  
 MAILING ADDRESS **6200 East 14th St., Suite A200** **The Boeing Co., Rocketdyne**  
**Tucson, AZ 85711-4029** **NV Field Laboratory**  
 2. LOCATION **NW 1/4 NE 1/4 Sec 7 T. 22N N/S R. 22 E Washoe** County  
 PERMIT NO. **well D-53A** **077-320-04** **Palomino Valley**  
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED 4. PROPOSED USE 5. WELL TYPE  
 New Well  Replace  Recondition  Domestic  Irrigation  Test  Cable  Rotary  RVC  
 Deepen  Abandon  Other \_\_\_\_\_  Municipal/Industrial  Monitor  Stock  Air  Other \_\_\_\_\_

6. LITHOLOGIC LOG				
Material	Water Strata	From	To	Thick-ness
FILL Clayey sand with gravel, brown, fine to coarse sand, fine and coarse gravel, angular, well graded, dry		0	3	3
TUFF Grayish red purple welded rhyolite tuff, abundant biotite and kspar phenocrysts.		3	47	45
TUFF Pale olive unwelded rhyolite tuff, kspar phenocrysts.		47	80	33
TUFF Grayish red moderately welded rhyolite tuff with green fragments. Minor small biotite phenocrysts with numerous glassy kspar phenocrysts.				
@80-85' Dark, soft, red-brown clayey contact				
@225' Borehole producing slight amount of water.				
@228' Increased proportion of pale olive fragments.				
@300' Production had gradually increased to approximately 20 gpm.				
@347' Mostly pale olive, moderately welded.				
@360-373' Alternating moderately and unwelded layers.		80	373	293
TUFF Pale greenish yellow, moderately welded rhyolite tuff, small biotite and kspar phenocrysts.				
@373-390' Grayish red soft and clayey contact zone.		373	415	42
TUFF Dark gray welded rhyolite tuff, small biotite phenocrysts, black and white texture				

8. WELL CONSTRUCTION  
 Depth Drilled **497** Feet Depth Cased **484.2** Feet  
 HOLE DIAMETER (BIT SIZE)  

From	To
10 Inches	0 Feet 10 Feet
9 Inches	10 Feet 497 Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4 5/8 I.D. steel		.188	+1.8	484.2
1" SCH 40 PVC sounder tube			+1.8	439.1
1" Galvanized steel pipe			+1.8	439.1

Perforations: **Locking steel lid, well seal**  
 Type perforation **Factory sawed slot**  
 Size perforation **3/32 x 3**  
 From **224.2** feet to **484.2** feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet  
 From \_\_\_\_\_ feet to \_\_\_\_\_ feet

Surface Seal:  Yes  No Seal Type:  Neat Cement  Cement Grout  Concrete Grout  
 Depth of Seal **203**  
 Placement Method:  Pumped  Poured  
 Filter Sand **SRI #20 203-210/ Fill 471.8-497**  
 Gravel Packed:  Yes  No Sand SRI #8  
 From **214-471.8** feet to **210-214** feet

9. WATER LEVEL  
 Static water level **177** feet below land surface  
 Artesian flow \_\_\_\_\_ G.P.M. **30** P.S.I.  
 Water temperature **cold** °F Quality **not known**

10. DRILLER'S CERTIFICATION  
 This well was drilled under my supervision and the report is true to the best of my knowledge.  
 Name **Wayne Drilling Inc.** Contractor  
 Address **P.O. Box 12370** Contractor  
**Reno, NV 89510**  
 Nevada contractor's license number issued by the State Contractor's Board **0022549**  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller **908**  
 Signed *Wayne Drilling Inc.*  
 By Miller performing actual drilling on site or contractor  
 Date **January 8, 2003**

Date started **2-21-02**, 20 \_\_\_\_\_  
 Date completed **3-7-02**, 20 \_\_\_\_\_

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			
<b>con't very hard.</b>			
<b>@497' Borehole producing approximately 30 gpm</b>			