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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

Log No. \_\_\_\_\_  
 Permit No. 224  
 Basin \_\_\_\_\_

NOTICE OF INTENT NO. 47706

CONSULTANT: Hayley & Aldrich, Inc.  
 1. OWNER \_\_\_\_\_  
 MAILING ADDRESS 6200 East 14th St., Suite A200  
Tucson, AZ 85711-4029  
 2. LOCATION SE 1/4 NW 1/4 Sec 7 T 22N N/S R 22 E Washoe County  
 PERMIT NO. well D-02C 077-320-05  
Issued by Water Resources Parcel No.

CLIENT: \_\_\_\_\_  
 ADDRESS AT WELL LOCATION \_\_\_\_\_  
The Boeing Co Rocketdyne  
NV Field Laboratory  
Palomino Valley Washoe County  
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
CLAYEY SAND with GRAVEL with abundant gravel of mixed tuff fragments. Well graded, angular, uncemented. @ 11' Becomes more red-brown with increased clay and less gravel.	Brown, coarse sand	0	24	24
TUFF Pale olive rhyolite tuff, weakly welded, Kspar and biotite phenocrysts. @47-50' Dark red brown.		24	80	56
TUFF Grayish red rhyolite tuff, moderately welded, Kspar and biotite phenocrysts, minor green mottling. @107-110' Borehole producing 1-2 gpm water. @116-118' Softer green unwelded zone. @177' Becomes pale olive, moderately welded, Kspar phenocrysts.		80	187	107
TUFF Grayish red rhyolite tuff, welded, abundant white plagioclase, phenocrysts, continued green mottling.		187	295	108
TUFF Pale olive rhyolite tuff with minor grayish red, welded, Kspar phenocrysts. @350-360' multiple soft clayey zones.		295	360	65
TUFF Pale olive rhyolite tuff, welded, biotite phenocrysts. Borehole making 20 gpm. No obvious water producing zones between 110 and 385.		360	385	25

8. WELL CONSTRUCTION  
 Depth Drilled 385 Feet Depth Cased 385 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 12 Inches 0 Feet 27 Feet  
 To 8 3/16 Inches 27 Feet 385 Feet  
 Casing Schedule  

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5" O.D.		1.88	0	385

 Perforations: Locking steel lid and well seal.  
 Type perforation Factory Sawn Slot  
 Size perforation 3/32 x 3  
 From 324 feet to 385 feet  
 Surface Seal:  Yes  No Seal Type:  Neat Cement  
 Depth of Seal 303'  Cement Grout  
 Placement Method:  Pumped  Concrete Grout  
 Poured  
 Filter Sand SRI #20 303-307  
 Gravel Packed:  Yes  No Sand SRI #8  
 From 316-385 feet to 307-316 feet  
 9. WATER LEVEL  
 Static water level 100.9 feet below land surface  
 Artesian flow G.P.M. N/A P.S.I.  
 Water temperature cold °F Quality not known

Date started 10-8-01, 20\_\_\_\_  
 Date completed 10-7-01, 20\_\_\_\_

7. WELL TEST DATA

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

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 89501  
 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 Driller performing actual drilling on site or contractor  
 Date January 8, 2003