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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. *47099*

1. CONSULTANT: Hayley & Aldrich Inc. CLIENT: _____
 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 NW 1/4 Sec. 13 T. 22N N/S R. 21 E Washoe County
 PERMIT NO. well# D-47A 077-110-22 Palomino Valley 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	Thickness
SILTY SAND with GRAVEL		0	74	74
Dark reddish brown, fine to coarse sand, fine and coarse gravel, subangular, well graded, dry. Mixed rhyolite fragments.				
@40' Increased coarse gravel.				
TUFF Possibly Tuff of Chimney Spring.		74	80	6
Abundant quartz bipyramids.				
<i>* See Plugging Log # 109985</i>				
7-23-01 Install 74 ft of tremie pipe.				
All casing removed.				
Borehole backfilled with neat cement. 28 sacks Portland Cement				
Finish at grade.				
Equipment used:				
T660 Schramm Drill				
High pressure grout mixer				
Location:				
190 ft E of W boundry at Hidden Creek Road				
580 ft NW of Whiskey Springs Road				

8. WELL CONSTRUCTION
 Depth Drilled 80 Feet Depth Cased 80 Feet
 HOLE DIAMETER (BIT SIZE)
 From To
8 5/8 Inches 0 Feet 4 Feet
7 7/8 Inches 4 Feet 80 Feet
 _____ Inches _____ Feet _____ Feet
 CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" SCH	40 PVC		0	51.6

 Perforations:
 Type perforation Factory sawed slot
 Size perforation 0.020
 From 51.6 feet to 71.6 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal Abandon/ Plug Neat Cement
 Cement Grout
 Placement Method: Pumped Concrete Grout
 Poured
 Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level 35.2 feet below land surface
 Artesian flow _____ G.P.M. N/A P.S.I.
 Water temperature cold °F Quality not known

Date started 7-17-01, 20 _____
 Date completed 7-24-01, 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			

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