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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. 22847

1. Consultant: Groundwater Resources Consultant, Inc ADDRESS AT WELL LOCATION _____
 1. OWNER 6200 East 14th Street, Suite A200 Client: Rocketdyne Former Field Lab
Tucson, AZ 85711 8400 Axhandle Road, Reno, NV
 2. LOCATION SE 1/4 SE 1/4 Sec. 29 T 22N N/S 21 E Washoe County _____
 PERMIT NO. M/O-431-F MW#B-4B 76-150-01 Palomino Valley Unit 4 29-212
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 Air Hammer

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Fill/Alluvium, Med brown to greyish brown; silty clay with sand, cobbles and boulders		0	17	17
Weathered Andesite, dark grey with white, altered plagioclase phenocrysts; andesite is weathered and broken & includes numerous stringers of soft, cohesive light brown to light grey clay		17	118	101
@64-69' very soft white clay @85' degree of weathering of andesite decreases @106' light brown clay Aplite, reddish brown, very fine grained		118	122	4
Granodiorite, bluish grey to reddish brown fine to med. grained with abundant quartz, feldspar and biotite phenocrysts		122	422	300
@160-165' extreme torque on bit indicative of faulting				

8. WELL CONSTRUCTION
 Depth Drilled 513 Feet Depth Cased 513.1 Feet

HOLE DIAMETER (BIT SIZE)

Inches	From	To	Feet	Feet	Feet
12-1/4"	0	15	Feet	15	Feet
9"	15	513	Feet	513	Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5" OD		.188	+1.75	513.1

Centrqlizers @ 43,83,143,203,263,323,383,443,483,508 Monument at surface

Perforations:
 Type perforation factory sawed slot
 Size perforation 0.060 x 3/8"
 From 513 feet to 483 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0 - 463
 Neat Cement
 Placement Method: Pumped Tremie Cement Grout
 Poured Concrete Grout

Gravel Packed: Yes No Lone Star 0/30
 From 463-468' 1.5 bags to 468-513' 12 bags

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Date started 6-28-94, 19____
 Date completed 7-18-94, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
No test			

9. WATER LEVEL
 Static water level 238.5 feet below land surface
 Artesian flow G.P.M. > 50 P.S.I.
 Water temperature n/a °F Quality n/a

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, NEVADA 89510
 Nevada contractor's license number 22549
 issued by the State Contractor's Board
 Nevada driller's license number 908 issued by the Division of Water Resources, the on-site Driller
 Signed [Signature]
 By Driller performing actual drilling on site or contractor
 Date November 21, 1994

