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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. 30610

1. CONSULTANT: Montgomery Watson  
OWNER: Montgomery Watson  
MAILING ADDRESS: 365 Lennon Lane  
Walnut Creek, CA 94598  
ADDRESS AT WELL LOCATION: Rocketdyne Former  
Nevada Field Laboratory Area B  
800 Axe Hand Canyon Road, Palomino Valley  
2. LOCATION SE 1/4 SE 1/4 Sec. 29 T 22N N/S R 21 E Washoe County  
PERMIT NO. M/O 708 MW B-16A 076-150-01 Palomino Valley 24 242 12  
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
SILTY SAND, yellowish moist, fine to medium micaceous.	brown, loose to dense, sand,	0	49	49
SAND, very pale brown, well graded.	dense, moist,	49	57	8
GRANODIORITE, fine to granodiorite, comprised of feldspar, quartz, and grains of hornblende. Locally fractured with associated greenish alteration.	medium-grained predominantly of biotite, with trace	57	77	20
soft weathered rock with fractures.		55	77	22
APLITE dike comprised of quartz and trace biotite, and fractured with localized iron staining	slightly weathered iron oxide	77	79	2
GRANODIORITE as above xenoliths @82' characterized by high percentage of biotite.		79	103	24
PEGMATITE dike characterized by phenocrysts and associated minerals including biotite, iron oxide staining.		103	105	2
GRANODIORITE as above soft weathered zone with iron staining.		105	172	67
@128 and 164' xenoliths common with moderate to heavy weathered.		125	127	2
APLITE dike as above		172	182	10

8. WELL CONSTRUCTION  
Depth Drilled 189' Feet Depth Cased 187.5' Feet  
HOLE DIAMETER (BIT SIZE)  
From 9 Inches 0 Feet 189 Feet  
Inches.....Feet.....Feet  
Inches.....Feet.....Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
5" OD steel		.188	+2	137.5'
1" Galvanized steel pipe			+2	182.5
1" Sounding tube		sch 80 pvc	+2.5	182.5

Perforations:  
Type perforation factory sawed vertical slots  
Size perforation 5" OD steel x 0.064 w/double roll slot  
From 137.5 feet to 187.5 feet  
From steel centralizer at 40', 90', 142.5', 182.5'  
From 1/2 HP Grundfos Sub. Pump; intake  
From set at 185'. Well Seal  
Steel End Plate 8" x 5' Monument with lock

Surface Seal:  Yes  No Seal Type:  
Depth of Seal 0-130  Neat Cement  
Placement Method:  Pumped  Cement Grout  
 Poured  Concrete Grout  
Bentonite seal 130'-132'/#0/30 Lonestar filter  
Gravel Packed:  Yes  No sand 132-134 feet  
From 134-189 with feet to course. Aquarium feet sand

9. WATER LEVEL  
Static water level: (10-31-96) 153' feet below land surface  
Artesian flow.....G.P.M. 3 P.S.I.  
Water temperature cold °F Quality not known

7. WELL TEST DATA  
TEST METHOD:  Bailer  Pump  Air Lift  
Date started 6/17/96 19.....  
Date completed 6/21/96 19.....

continued from section 6  
GRANODIORITE as above. 182' to 189' 7' thick  
@ total depth of boring (189ft.),  
water flow from borehole - 3gpm

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 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 [Signature]  
By driller performing actual drilling on site or contractor  
Date May 20, 1997