

OFFICE USE ONLY
 Log No. 38799
 Permit No. _____
 Basin 084

PRINT OR TYPE ONLY
 DO NOT WRITE ON BACK

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. 19681

1. OWNER Groundwater Res. Cons., Inc. ADDRESS AT WELL LOCATION Rocketdyne
 MAILING ADDRESS 1735 E. Ft. Lowell Rd. Ste 4 2555 Whisky Springs Rd.
Tucson, AZ 85719 Warm Springs (Palomino Valley) NV

2. LOCATION SE 1/4 SE 1/4 Sec. 12 T. 22N N/S R. 21 E. Washoe County
 PERMIT NO. M/O 431-B D-13A 77-110-01 Palomino Valley Out 1 12-21-5
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
<u>Silty Clayey sand.</u>				
<u>Medium brown, dry,</u>				
<u>some gravel, loose,</u>				
<u>medium gradation,</u>				
<u>slight plasticity,</u>				
<u>residual soil, uncem.</u>		<u>0</u>	<u>3</u>	<u>3</u>
<u>Tuff. Grey brown, dry</u>				
<u>unwelded rhyolitic tuff,</u>				
<u>compact weakly cemented</u>				
<u>From 12 to 16' moisture</u>				
<u>content increases to</u>				
<u>slightly moist.</u>				
<u>At 16' dry.</u>				
<u>At 38" color change to</u>				
<u>dark grey, moisture</u>				
<u>increase to slightly</u>				
<u>moist.</u>				
<u>At 50' dry.</u>				
<u>From 54 to 60' moisture</u>				
<u>increase to moist, color</u>				
<u>change to dark brown.</u>				
<u>At 60' color change to dark</u>				
<u>brown moisture content</u>				
<u>increases to wet.</u>				
<u>At 68' purple grey, dry, mod.</u>				
<u>cementation.</u>				
<u>75 to 80' clayey</u>				
<u>At 80' change to blue grey</u>		<u>3</u>	<u>89</u>	<u>86</u>

8. WELL CONSTRUCTION
 Depth Drilled 89 Feet Depth Cased 89 Feet

HOLE DIAMETER (BIT SIZE)
 From 8 5/8 Inches 0 Feet 89 Feet Hammer-
 _____ Inches _____ Feet _____ Feet drill
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
<u>4.5" PVC</u>		<u>SCH 40</u>	<u>0</u>	<u>89</u>
<u>4.5" PVC end cap,</u>		<u>centralizers at 50,</u>		<u>88</u>
<u>4.5" PVC locking cap</u>				

Perforations: factory sawed slot
 Type perforation _____
 Size perforation .020 x 3'
 From 48.5 feet to 89.0 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal bentonite 2' 43' Neat Cement
 Cement Grout
 Placement Method: Pumped Poured Concrete Grout

Gravel Packed: Yes No Lonestar
 From 45 feet to 89 #3 sand feet

9. WATER LEVEL
 Static water level 88.37 (4/13/92) feet below land surface
 Artesian flow Not known G.P.M. _____ P.S.I. _____
 Water temperature n/k°F Quality n/k

Date started 4/9/92, 19_____
 Date completed 4/9/92, 19_____

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			
<u>No test</u>			

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 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 June 26, 1992