

PRINT OR TYPE ONLY
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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

Area D Page 1 of 3 pages
 NOTICE OF INTENT NO. 37866

1. OWNER GroundWater Res. Consultants, Inc. ADDRESS AT WELL LOCATION Rocketdyne NFL
 MAILING ADDRESS 6200 E. 14th Street, STE A200 Whiskey Springs Road Area D
Tucson, Arizona 85711 Warm Springs (Palomino Valley)

2. LOCATION SE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 7 T. 22N N/S R. 22 E. Washoe County
 PERMIT NO. D-42A 77-320-04 Palomino Valley
 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	Thickness
TUFF, yellowish gray, unwelded, numerous small k-feldspar phenocrysts.		0	17	17
TUFF, grayish yellow-green and grayish brown, moderately welded, sparse k-feldspar phenocrysts.		17	34	17
TUFF, dark reddish-brown, welded, sparse k-feldspar phenocrysts altered white.		34	52	18
TUFF, light brown gray, welded, common small k-feldspar phenocrysts, abundant pale olive fragments. @ 125' increasing pale olive green and less light brown gray, slightly weathered with Fe- and Mn-oxides on fractures.		52	165	113

8. WELL CONSTRUCTION
 Depth Drilled 540 Feet Depth Cased 521 Feet

HOLE DIAMETER (BIT SIZE)
 From To
8-5/8 Inches 0 Feet 540 Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5" steel		.134 (t)	+1.5	480.7
4.5" end cap centralizers at			480.520'	
4.5" PVC		sch 40	480.7	521.2

4" threaded steel to PVC adaptor Con't. page 2
 Perforations:
 Type perforation factory sawed slot
 Size perforation 0.020" x 2.0"
 From 480.7 feet to 521.2 feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 0 - 458' Neat Cement
 Placement Method: Pumped & Cement Grout
 Poured Concrete Grout
 Bentonite seal 458 - 463
 Gravel Packed: Yes No
 From 463 feet to 521.2 feet

Continued on page 2

Date started 12-07-98, 19____
 Date completed 12-15-98, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)

9. WATER LEVEL
 Static water level: (12-11-98) 330' feet below land surface
 Artesian flow not known G.P.M. 5 P.S.I.
 Water temperature n/k °F Quality not known

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 June 8, 1999

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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

OFFICE USE ONLY *109955*
 Log No. _____
 Permit No. *024*
 Basin *pg 2 of 3*
 Area D Page 2 of 3 pages
 NOTICE OF INTENT NO. *37866*

1. OWNER GroundWater Res. Consultants, Inc. ADDRESS AT WELL LOCATION Rocketdyne NFL
 MAILING ADDRESS 6200 E. 14th Street, STE A200 Whiskey Springs Road Area D
Tucson, Arizona 85711 Warm Springs (Palomino Valley)
 2. LOCATION SE 1/4 NE 1/4 Sec. 7 T. 22N N/S R. 22 E Washoe County
 PERMIT NO. D-42A 77-320-04 Palomino Valley Subdivision Name
Issued by Water Resources Parcel No.

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
TUFF, brownish-gray, poorly welded with abundant clay and pale olive green chips, occassional small k-feldspar phenocrysts.		165	180	15
TUFF, grayish-red, welded, some bleaching to grayish-orange, no phenocrysts.		180	210	30
TUFF, grayish-brown, welded, abundant small white to glassy k-feldspar phenocrysts, common small biotite phenocrysts, slightly weathered with minor to moderate iron staining of k-feldspars and on fractures.		210	340	130
@ 275' less iron staining.				
TUFF, grayish-red welded, common small k-feldspar phenocrysts.		340	375	35
TUFF, grayish-red, with numerous white pumice shards, welded, some small k-feldspars.				
@ 480' increased bleaching to pale red, welded, fewer pumice shards.				

Continued on page 3
 Date started 12-07-98, 19_____
 Date completed 12-15-98, 19_____

8. WELL CONSTRUCTION
 Depth Drilled _____ Feet Depth Cased _____ Feet
 HOLE DIAMETER (BIT SIZE)
 From _____ To _____
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet
 _____ Inches _____ Feet _____ Feet
 CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" PVC	end cap/locking cap/monument			

 Perforations:
 Type perforation _____
 Size perforation _____
 From _____ feet to _____ feet
 Surface Seal: Yes No Seal Type:
 Depth of Seal _____ Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Gravel Packed: Yes No
 From _____ feet to _____ feet

9. WATER LEVEL
 Static water level _____ feet below land surface
 Artesian flow _____ G.P.M. _____ P.S.I.
 Water temperature _____ °F Quality _____

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.
P.O. BOX 12370
 Address _____
RENO, NEVADA 89510
 Nevada contractor's license number 0022549
 issued by the State Contractor's Board.
 Nevada driller's license number issued by the 908
 Division of Water Resources, the on-site driller
 Signed Wayne Drilling, Inc.
By driller performing actual drilling on site or contractor
 Date June 8, 1999

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)	

