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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. 23400

1. Consultant: Groundwater Resources Consultants, inc Client Rocketdyne
OWNER: 1735 E. Fort Lowell Rd, Suite 4 ADDRESS AT WELL LOCATION: Whiskey Springs Rd.
Tucson, Arizona 85719 Warm Springs (Palomino V) Reno, NV.
2. LOCATION NW 1/4 SE 1/4 Sec. 18 T. 22N N/S R. 22 E Washoe County
PERMIT NO. M/O-564 #D17C Parcel No. 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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Clayey Sand, brown, well graded, med to coarse grained, angular sand, occasional cobbles & boulders.		0	107	107
@45' sand becomes coarse grained				
@80' med to coarse grained				
Sandy Clay, brown, well graded, med to coarse grained sand, angular		107	110	3
Rhyolite Tuff, grey-green, unwelded rhyolite tuff, moist		110	174	64
@135-140' moist to wet				
@150' color changes to grey, mod welded, cont moist to wet				
@158-161' soft, unwelded				
@161' dk grey & lght gry, mod to well welded, moist to wet				

8. WELL CONSTRUCTION
Depth Drilled 174 Feet Depth Cased 174 Feet
HOLE DIAMETER (BIT SIZE)
From 0 Feet To 125 Feet
13 1/2 Inches
From 125 Feet To 174 Feet
8 Inches

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4" PVC Blank		SCH 40	0	133.4

Perforations:
Type perforation Factory Sawn Slot
Size perforation 0.020
From 133.4 feet to 174 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: Yes No Seal Type:
Depth of Seal 125.1 ft tremie outs. 8" Neat Cement
Placement Method: 123 ft tremie outs. 4" Cement Grout
 Pumped Concrete Grout
 Poured
Bentonite Seal @ 123-124' #3 Lone Star Sand
Gravel Packed: Yes No
From 124 feet to 174 feet

9. WATER LEVEL
Static water level 67.2 feet below land surface
Artesian flow Not Known G.P.M. P.S.I.
Water temperature °F Quality

Date started April 20, 1993
Date completed April 27, 1993

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			
NO TEST			

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.
Address P.O. BOX 12370
RENO, NV. 89510
Nevada contractor's license number 22549
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
By driller performing actual drilling on site or contractor
Date May 21, 1993