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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. 35493

Consultant: 1. OWNER GROUND WATER RES. CONSULTANTS, INC. Client: ADDRESS AT WELL LOCATION: GWRC Rocketdyne  
 MAILING ADDRESS: 6200 E. 14th Street, Suite A200 Tucson, Arizona 85711 Warm Springs (Palomino Valley) Area D  
 2. LOCATION: BBD NW 1/4 Sec. 13 T 22N N/S R. 21 E Washoe Palomino Valley Dist 1 13-2-1-1  
 PERMIT NOM/0-431B D-28B 77-120-19 Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED:  New Well  Replace  Recondition  Deepen  Abandon  Other  
 4. PROPOSED USE:  Domestic  Municipal/Industrial  Irrigation  Monitor  Test  Stock  
 5. WELL TYPE:  Cable  Rotary  RVC  Air  Other

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
SILTY SAND, pale brown with fine-to coarse grained sand, fine and coarse gravel, subangular, loose, well graded, uncemented, slightly to moderately moist. @ 5' becomes dry. @ 23' slightly moist. @ 35' very moist.		0	41	41
SILTY GRAVELLY SAND, pale brown with fine-to coarse-grained sand, fine and coarse gravel and cobbles, subangular to angular, well graded, loose, uncemented. @ 50' fewer cobbles.		41	66	25
RHOYOLITE TUFF, moderate reddish brown, welded tuff, smokey quartz, chatoyant K-feldspar phenocrysts.		66	69.4	3.4

8. WELL CONSTRUCTION  
 Depth Drilled: 69.4 Feet Depth Cased: 69 Feet  
 HOLE DIAMETER (BIT SIZE)  
 From 9 5/16 Inches To 0 Feet 69.4 Feet  
 Inches Feet  
 Inches Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
4.5" PVC		sch 40	+1.5	69
4.5" PVC		end cap/centralizers	at 34,	52, 66'
4.5" PVC		locking cap/locking	monument	

Perforations:  
 Type perforation: factory sawed slot  
 Size perforation: 0.020x1-3/4"  
 From 34 feet to 69 feet  
 From 1-10' length 252 slots/ft slots x 0.020 x 2" interval: 44-54'  
 From feet to feet  
 From feet to feet  
 Surface Seal:  Yes  No Seal Type: 1&2  
 Depth of Seal: 0-23.9'  Neat Cement  
 Placement Method:  Pumped  Cement Grout  Concrete Grout  
 Bentonite seal:  Pumped - 23.9 - 28.9  
 Gravel Packed:  Yes  No #3 Lonestar sand  
 From 28.9 feet to 69.4 feet

9. WATER LEVEL  
 Static water level: 46.08 (2-21-97) feet below land surface  
 Artesian flow: not known G.P.M. P.S.I.  
 Water temperature: /k °F Quality: not known

Date started: 2-21-97, 19...  
 Date completed: 2-21-97, 19...

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)	

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: on-site driller: 908  
 Signed: [Signature] By driller performing actual drilling on site or contractor  
 Date: June 2, 1997