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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

Page 1 of 2 pages
 NOTICE OF INTENT NO. 24415
2555 Whiskey Spr. Rd.

1. Consultant: Groundwater Resources Consultants, Inc.
 OWNER: 1735 East Fort Lowell Rd. #4 Tucson, Arizona 85719
 Mailing Address: 1735 East Fort Lowell Rd. #4 Tucson, Arizona 85719
 Client: Rocketdyne Former Field Lab
Off Whiskey Spring Rd., Reno, Nev.
 2. LOCATION: SW 1/4 SE 1/4 Sec. 12 T. 22N N/S R. 21E E. Washoe County
 PERMIT NO. R-163 DEX-1 77-110-01 Palomino Valley Unit 1 12-2-1-5
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.....Mud.....

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Sandy Clay, Pale yellowish brown (10YR 6/2), very sandy, some fine gravel, slightly moist.		0	6	6
Clayey Gravelly Sand, Pale yellowish brown (10 YR 6/2), fine to coarse grained, poorly sorted, some clay and fine to medium gravel, slightly moist.		6	11	5
Silty Gravelly Sand, Pale brown (5YR 5/2), fine to coarse grained, poorly sorted, some silt, abundant fine gravel, some medium gravel, slightly moist.		11	22	11
Clayey Sandy Gravel, Pale yellowish brown (10YR 4/2), poorly sorted gravel in a clayey sand matrix. Some cobbles to 8 inches. @24-25' large cobbles. @28.5-30' sandy, @34-36' sandy, @38' clay content				

8. WELL CONSTRUCTION
 Depth Drilled 80 Feet Depth Cased 79.7 Feet
 HOLE DIAMETER (BIT SIZE)
 From 0 Feet To 80 Feet
12 1/4 Inches
 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)
6 5/8 steel		.188	+2.7	77

Perforations:
 Type perforation Factory Sawn Slot
 Size perforation Stainless Steel 0.020"
 From 17.3 feet to 77 feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet
 From _____ feet to _____ feet

Surface Seal: Yes No Seal Type:
 Neat Cement
 Cement Grout
 Concrete Grout
 Depth of Seal 12'
 Placement Method: Pumped Poured
 Bentonite Seal 12-14'
 Gravel Packed: Yes No Lone Star #3
 From 14 feet to 77 feet

9. WATER LEVEL
 Static water level 18.3 feet below land surface
 Artesian flow _____ G.P.M. 5 P.S.I.
 Water temperature n/a °F Quality n/a

Date started February 28 1994
 Date completed March 2 1994

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 checked="" type="checkbox"/> Air Lift	<u>5</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, Nevada 89510
 Nevada contractor's license number issued by the State Contractor's Board 22549
 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 July 6, 1994

STATE OF NEVADA
 DIVISION OF WATER RESOURCES
WELL DRILLER'S REPORT

OFFICE USE ONLY
 Log No. 40730
 Permit No. _____
 Basin 081
 Page 2 of 2 pages
 NOTICE OF INTENT NO. 24415

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 accordance with NRS 534.170 and NAC 534.340

Consultant:

1. ~~OWNER~~ Groundwater Resources Consultants, Inc. ADDRESS AT WELL LOCATION
 MAILING ADDRESS 1735 East Fort Lowell Rd. #4 Client: Rocketdyne Former Field Lab
 Tucson, Arizona 85719 Off Whiskey Spring Rd., Reno, Nev.

2. LOCATION SW 1/4 SE 1/4 Sec. 12 T. 22N N/S R. 21E E Washoe County
 PERMIT NO. R-163 DEX-1 77-110-01 Palomino Valley
Issued by Water Resources Parcel No. Subdivision Name

3. WORK PERFORMED			4. PROPOSED USE			5. WELL TYPE		
<input type="checkbox"/> New Well	<input type="checkbox"/> Replace	<input type="checkbox"/> Recondition	<input type="checkbox"/> Domestic	<input type="checkbox"/> Irrigation	<input type="checkbox"/> Test	<input type="checkbox"/> Cable	<input type="checkbox"/> Rotary	<input type="checkbox"/> RVC
<input type="checkbox"/> Deepen	<input type="checkbox"/> Abandon	<input type="checkbox"/> Other.....	<input type="checkbox"/> Municipal/Industrial	<input type="checkbox"/> Monitor	<input type="checkbox"/> Stock	<input type="checkbox"/> Air	<input type="checkbox"/> Other.....	

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
continued from page 1				
increases, @43-44'				
cobbles, @46' clay				
content decreases,		22	53	31
Sandy Gravel, Greyish				
red (5R 4/2), fine to				
coarse gravel with				
coarse sand, some				
cobbles, poorly sorted,				
gravels are predominantly				
volcanic.		53	64	11
Clayey Sandy Gravel,				
Pale brown (5YR 5/2),				
fine to coarse gravel				
in a clayey sand matrix,				
very poorly sorted.		71	64	7
Tuff, Dark yellowish				
orange (10YR 6/6)				
slightly weathered,				
biotite phenocrysts,				
slightly welded.				
@76' fresh, plagioclase				
and biotite phenocrysts,				
strongly welded.		71	80	9

8. WELL CONSTRUCTION

Depth Drilled.....Feet Depth Cased.....Feet

HOLE DIAMETER (BIT SIZE)

From		To	
Inches	Feet	Inches	Feet
.....
.....
.....

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)

Perforations:

Type perforation.....

Size perforation.....

From.....feet to.....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..... 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.....

Date started..... February 28....., 19 94
 Date completed..... March 2....., 19 94

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..... 22549

Nevada driller's license number issued by the Division of Water Resources, the on-site driller..... 908

Signed.....
 By driller performing actual drilling on site or contractor

Date..... July 6, 1994