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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

NOTICE OF INTENT NO. 30655

Consultant:

1. ~~OWNER~~ Groundwater Resources Consultants, Inc. ADDRESS AT WELL LOCATION:
 MAILING ADDRESS 6200 East 14th St., Suite A200 Client: Rocketdyne Former Field Lab
 Tucson, Arizona 85711 2855 Right Hand Canyon Rd. Reno, Nevada

2. LOCATION NW 1/4 SE 1/4 Sec. 18 T. 22N N/S R. 22 E Washoe County
 PERMIT NO. M/O 564 C-12C 077-310-03 Area C 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 Mud _____

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
CLAYEY SILT Mod. yellowish brown (10YR 5/4) w/fine to med.-grained sand, minor fine gravel, sand and gravel from mixed rhyolite tuffs, poorly sorted, loose, uncemented dry.		0	11	11
SILTY SAND Light brown (5YR 6/4) w/ med. to coarse grained sand, minor fine gravel, sand and gravel from mixed rhyolite tuffs, mod. graded, subangular, loose uncemented, dry @ 17' becomes mod. moist. @ 21-23' stiff brown clay.		11	23	12
SILTY GRAVELLY SAND. Grayish orange (10YR 7/4) w/ med. to coarse-grained sand and fine gravel from mixed rhyolite tuffs, well graded, subangular, loose, uncemented. @ 32-33' stiff brown clay @ 44-45' stiff brown clay @ 45' sand is med. to coarse grained w/ less gravel.		23	114	91

8. WELL CONSTRUCTION
 Depth Drilled 170 Feet Depth Cased 169.8 Feet

HOLE DIAMETER (BIT SIZE)
 From To
13 1/2 Inches 0 Feet 130.6 Feet Tricone
8" Inches 130.6 Feet 169.8 Feet DHH Hammer
 _____ Inches _____ Feet _____ Feet

CASING SCHEDULE

Size O.D. (Inches)	Weight/Ft. (Pounds)	Wall Thickness (Inches)	From (Feet)	To (Feet)
8 5/8"		.188	+ 0.7	130.6
SS Centralizers	50, 90, 124		& 137,	168
Monument/End Cap				
4 1/2" Perforations:	.120		+2.1	169.8
Type perforation	Factory sawed slot			
Size perforation	0.020 x 2"			
From	134.8	feet to	169.8	feet
From		feet to		feet
From		feet to		feet
From		feet to		feet

Surface Seal: Yes No Seal Type:
 Depth of Seal 3-130.6 & 3-122 Neat Cement
 Placement Method: Pumped Cement Grout
 Poured Concrete Grout
 Bentonite Seal: 126.6-130 & 122-125.5
 Gravel Packed: Yes No Lone Star #3
 From 130 feet to 169.8 feet

9. WATER LEVEL
 Static water level: 26.37 feet below land surface
 Artesian flow _____ G.P.M. 7 P.S.I.
 Water temperature cold °F Quality clear

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
RENO, NEVADA 89510 Contractor
 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 October 1, 1996

Date started 6-24-96, 19_____
 Date completed 7-10-96, 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 checked="" type="checkbox"/> Air Lift	<u>7</u>		
<u>Plugged by well log to 116278</u>			

OFFICE USE ONLY
Log No. 57087
Permit No. _____
Basin _____
NOTICE OF INTENT NO. 30635

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Consultant:

1. OWNER Groundwater Resources Consultants, Inc. ADDRESS AT WELL LOCATION
MAILING ADDRESS 6200 East 14th St., Suite A200 Client: Rocketdyne Former Field Lab
Tucson, Arizona 85711 2855 Right Hand Canyon Rd. Reno, Nevada

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PERMIT NO. M/O 564 C-12C 077-310-03 Area C 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 Mud

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thick-ness
Continued from page 1				
@ 70-75' drills faster, possible loose, sandy zone.				
@ 85-90' drill faster, possible loose, sandy zone.				
@ 105' occasional cobble w/ increased clay content in matrix.				
RHYOLITE TUFF, Grayish orange (10YR 7/4), unwelded tuff w/ smokey quartz phenocrysts, chips of welded tuff appear to be Chimney Spring.		114	140	26
@ 121-124' Very soft.				
RHYOLITE TUFF, Grayish orange pink (5YR 7/2) moderately welded tuff, blotite, K-spar and quartz phenocrysts, abundant dark siliceous lithic fragments w/ biotite and hornblende phenocrysts. Abundant pale green to white pumice fragments. Possibly Unit F of the tuffs of Whiskey Spring.		140	167	27
@ 140' borehole makes about 1 gpm				
@ 145' " " 2 gpm				
@ 160' " " 3 gpm				

8. WELL CONSTRUCTION

Depth Drilled _____ Feet Depth Cased _____ Feet

HOLE DIAMETER (BIT SIZE)

Inches	Feet	Feet
From _____	To _____	_____
From _____	To _____	_____
From _____	To _____	_____

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

Surface Seal: Yes No Seal Type: Neat Cement Cement Grout Concrete Grout

Depth of Seal _____

Placement Method: Pumped Poured

Gravel Packed: Yes No

From _____ feet to _____ feet

Date started _____, 19____
Date completed _____, 19____

7. WELL TEST DATA

TEST METHOD: Bailer Pump Air Lift

G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
RHYOLITE TUFF, Yellowish gray (5Y 7/2), unwelded tuff, biotite and k-spar phenocrysts, rare dark lithic fragments, highly altered w/ abundant clay.		
	167	170
	170	17
<i>Plugged by Well Log 740-116278</i>		

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. Contractor

Address P.O. BOX 12370
RENO, NEVADA 89510

Nevada contractor's license number 22549 issued by the State Contractors Board

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

Signed *[Signature]* Driller performing actual drilling on site or contractor

Date October 1, 1996