1/2

WHITE—DIVISION OF WATER RESOURCES
CANARY—CLIENT'S COPY
PINK—WELL DRILLER'S COPY

PRINT OR TYPE ONLY
DO NOT WRITE ON BACK

STATE OF NEVADA
DIVISION OF WATER RESOURCES

WELL DRILLER'S REPORT

Please complete this form in its entirety in accordance with NRS 534.170 and NAC 534.340

OFFICE USE ONLY
Log No. 33494
Permit No.
Basin 08

NOTICE OF INTENT NO. 19988

1. OWNER Groundwater Res. Cons. Inc.
MAILING ADDRESS 1735 E. Ft. Lowell Rd. Ste 4
Tucson, AZ 85719

ADDRESS AT WELL LOCATION Rocketdyne
2555 Whysky Springs RD.
Warm Springs (Palomino Valley) NV

2. LOCATION SW ¼ SE ¼ Sec. 12 T 22N N/S R 21E E Washoe County
PERMIT NO. M/O 431-B D-6A (Issued by Water Resources) 77-110-01 (Parcel No.) Palomino Valley Unit 1 12-21-5 (Subdivision Name)

3. WORK PERFORMED
[X] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Abandon [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [X] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [X] Rotary [ ] RVC
[X] Air [X] Other Tubex 190

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Gravelly silty sand. Light brown, dry, some clay, well graded, subangular loose uncemented		0	8	8
Sandy gravel. Red brown, slightly moist, with cobbles, some clay, mod. gradation, subang. compact, uncemented.		8	13	5
Gravelly clayey sand. med. brown, moist, med. to coarse sand, well graded, subang. loose uncemented		13	25	12
Clayey gravel. red br. most, some sand, mode. gradation, subang. compact, low plasticity uncemented		25	32	7
Clayey gravelly sand. Med. Br. wet, well graded subang. to subrounded, compact slight plasticity uncem.	X	32	41	9
Gravelly silty sand. br. wet, med to coarse sand well graded, subang. loose, uncemented At 49' coarser		41	56	15

continued on page 2

Date started 4/14/92, 19
Date completed 4/14/92, 19

7. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
No test			

8. WELL CONSTRUCTION
Depth Drilled 69.1 Feet Depth Cased 69.1 Feet

HOLE DIAMETER (BIT SIZE)

		From	To
9 5/16 Inches		0 Feet	69.1 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" PVD		SCH 40	0	69.1
4.5" PVC end cap, centralizers at 29, 68				
4.5" PVC locking cap				

Perforations:
Type perforation Factory sawed slot
Size perforation .020 x 3"
From 28.6 feet to 69.1 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: [X] Yes [ ] No
Depth of Seal Bentonite 2' 22'
Placement Method: [ ] Pumped [X] Poured
Seal Type: [X] Neat Cement [ ] Cement Grout [ ] Concrete Grout

Gravel Packed: [X] Yes [ ] No
From 24 feet to 69.1 #3 sand Lonestar feet

9. WATER LEVEL
Static water level 37' (4/14/92) feet below land surface
Artesian flow not known G.P.M. P.S.I.
Water temperature n/k °F Quality n/k

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, NV 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 Gary C. Helmer (By driller performing actual drilling on site or contractor)
Date June 26, 1992

(Rev. 3-91)

USE ADDITIONAL SHEETS IF NECESSARY

(O)-627

2/2

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OFFICE USE ONLY
Log No. 38794
Permit No.
Basin 84

NOTICE OF INTENT NO. 19988

1. OWNER Groundwater Res. Cons. Inc.
MAILING ADDRESS 1735 E. Ft. Lowell Rd. Ste 4
Tucson, AZ 85719

ADDRESS AT WELL LOCATION Rocketdyne
Whisky Springs
Warm Springs (Palomino Valley)NV

2. LOCATION SW ¼ SE ¼ Sec 12 T 22N N/S R E Washoe County
PERMIT NO. M/O 431-B D-6A (Issued by Water Resources) 77-110-01 (Parcel No.) Palomino Valley (Subdivision Name)

3. WORK PERFORMED
XX 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 Tubex 190

6. LITHOLOGIC LOG

Material	Water Strata	From	To	Thickness
Silty sandy gravel Grey brown, wet, trace clay, subangular to subrounded, well graded, loose uncemented.		56	65.5	9.5
Tuff. Red to pink, wet welded volcanic tuff		65.5	69.1	4.6

Date started 4/14/92, 19
Date completed 4/14/92, 19

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TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

	G.P.M.	Draw Down (Feet Below Static)	Time (Hours)
No test			

8. WELL CONSTRUCTION
Depth Drilled 69.1 Feet Depth Cased 69.1 Feet

HOLE DIAMETER (BIT SIZE)

	From	To
9 5/16 Inches	0 Feet	69.1 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" PVC		SCH 40	0	69.1
4.5" PVC	end cap, centralizers at 29,68			
4.5" PVC	locking cap			

Perforations:
Type perforation factory sawed slot
Size perforation .020 x 3
From 28.6 feet to 69.1 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☒ Yes ☐ No
Depth of Seal bentonite 2' 22'
Placement Method: ☐ Pumped XX Poured
Seal Type: ☒ Neat Cement ☐ Cement Grout ☐ Concrete Grout

Gravel Packed: ☒ Yes ☐ No
From 24 feet to 69.1 Lonestar #3sand feet

9. WATER LEVEL
Static water level 37' (4/14/92) feet below land surface
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Name Wayne Drilling, Inc. (Contractor)
Address P.O. Box 12370 (Contractor)
Reno, NV 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 June 26, 1992

(Rev. 3-91) USE ADDITIONAL SHEETS IF NECESSARY (O)-627