

Log No. 79071  
 Permit No. 817  
 Basin                     

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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. 42915

1. OWNER Airport Authority of Washoe Co. ADDRESS AT WELL LOCATION Airport Maintenance Facility  
 MAILING ADDRESS P.O. Box 12490 Air Gurd Way, Reno, NV.  
Reno, NV. 89510  
 2. LOCATION NE 1/4 SE 1/4 Sec. 19 T. 19 N/S R. 20 E Washoe County  
 PERMIT NO.                      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                     

6. LITHOLOGIC LOG

| Material  | Water Strata | From | To | Thick-ness |
|---|--------------|------|----|------------|
| Monitor wells #1,2,3,4, and 5 were 2" pvc, wells all constructed with 5' of blank casing on top with 20' of screen on bottom. We mixed and pumped 5 bags of Portland type II cement and approx. 30 gallons of water to fill the 2" wells. |              |      |    |            |
| RW-1 (recovery well) was a 6" pvc well constructed with 5' of blank and 20' of screen. This well required approx. 4.5 cubic feet of neat cement.  |              |      |    |            |

| MW | SWL   | Depth  | Size | Blank | Screen |
|----|-------|--------|------|-------|--------|
| 1  | 7.56  | 20.5'  | 2"   | 5'    | 20'    |
| 2  | 7.59' | 20.38  | 2"   | 5'    | 20'    |
| 3  | 7.61' | 20.45' | 2"   | 5'    | 20'    |
| 4  | 7.64' | 20.36' | 2"   | 5'    | 20'    |
| 5  | 7.69' | 20.45' | 2"   | 5'    | 20'    |
| RW |       |        |      |       |        |
| 1  | 7.65' | 20.5'  | 6"   | 5'    | 20'    |

See attached site map and well const. logs

Date started 11-9, 1999  
 Date completed 11-9, 1999

7. WELL TEST DATA

TEST METHOD:  Bailer  Pump  Air Lift

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|--------|-------------------------------|--------------|
|        |                               |              |
|        |                               |              |
|        |                               |              |
|        |                               |              |

8. WELL CONSTRUCTION

Depth Drilled                      Feet Depth Cased                      Feet

HOLE DIAMETER (BIT SIZE)

| From                               | To                               |
|------------------------------------|----------------------------------|
| <u>                    </u> Inches | <u>                    </u> Feet |
| <u>                    </u> Inches | <u>                    </u> Feet |
| <u>                    </u> Inches | <u>                    </u> Feet |

CASING SCHEDULE

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

Perforations:

Type perforation slotted  
 Size perforation .020

From 5' feet to 20' 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                     

Placement Method:  Pumped  
 Poured

Gravel Packed:  Yes  No  
 From                      feet to                      feet

9. WATER LEVEL

Static water level 7.56 to 7.7' feet below land surface  
 Artesian flow                      G.P.M.                      P.S.I.  
 Water temperature                      °F Quality                     

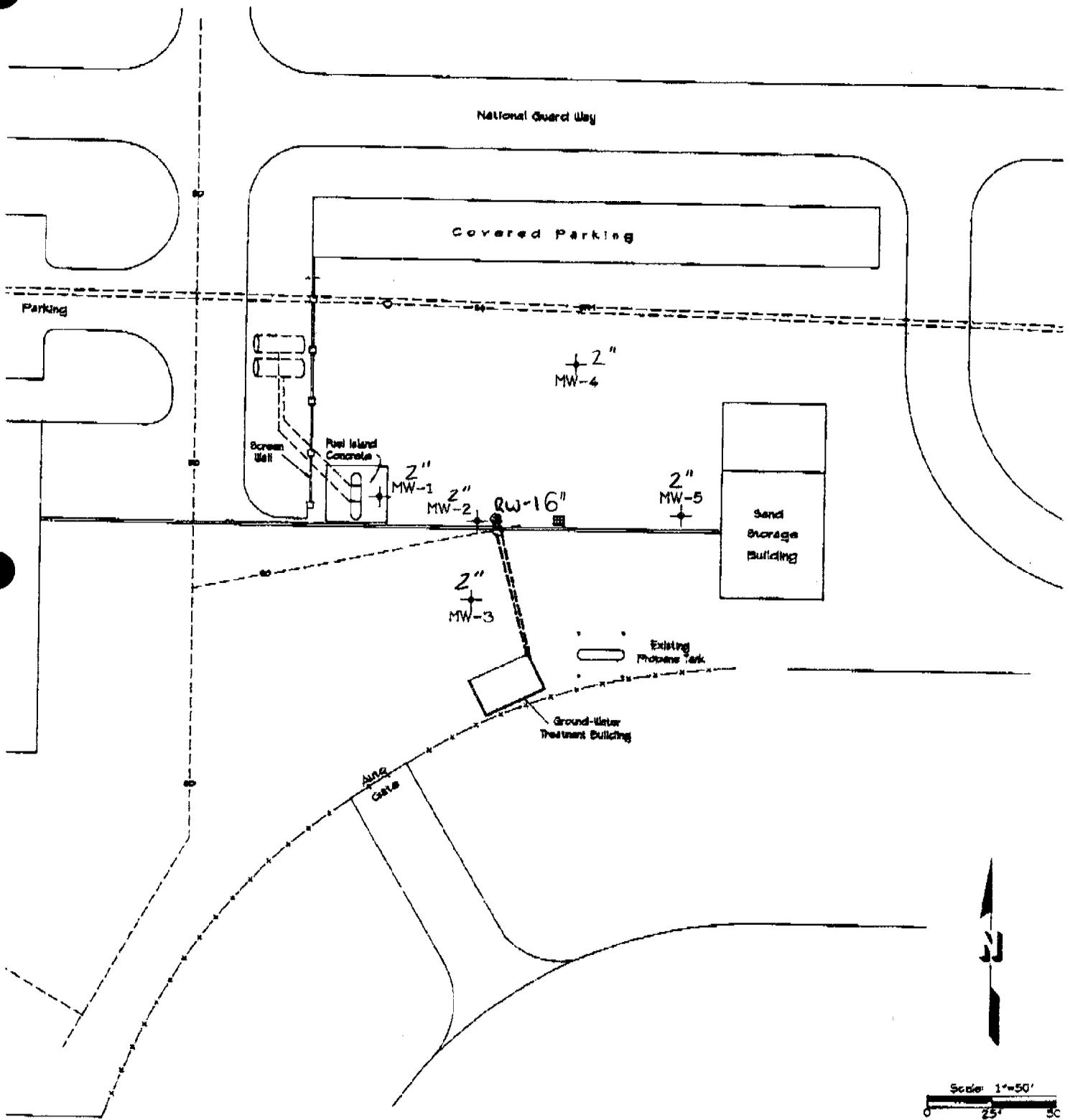
10. DRILLER'S CERTIFICATION

This well was drilled under my supervision and the report is true to the best of my knowledge.

Name Carson Pump Contractor  
 Address 1401 North Roop St. Contractor  
Carson City, NV. 89701

Nevada contractor's license number issued by the State Contractor's Board 39920  
 Nevada driller's license number issued by the Division of Water Resources, the on-site driller 1482

Signed Dan Trampe  
 By driller performing actual drilling on site or contractor  
 Date November 11, 1999



# WELL CONSTRUCTION SUMMARY

WELL MW-4

PROJECT: AAWC

PROJECT NO.: 287210161

PERSONNEL: K Dierberger

LOCATION OR COORDS: \_\_\_\_\_

ELEVATION: \_\_\_\_\_

GROUND LEVEL: \_\_\_\_\_

TOP OF RISER: \_\_\_\_\_

TOP OF CASING: \_\_\_\_\_

## DRILLING SUMMARY:

TOTAL DEPTH 20.5'

BOREHOLE DIAMETER 8'

DRILLER West Hazmat  
Drilling Corp.

RIG CME T5

BIT(S) Hollow-Stem Auger

DRILLING FLUID None

SURFACE CASING None

## WELL DESIGN:

BASIS: GEOLOGIC LOG  GEOPHYSICAL LOG \_\_\_\_\_

CASING STRING(S): C=CASING S=STRINGS

|    |        |    |  |
|----|--------|----|--|
| 0  | - 5    | C1 |  |
| 5  | - 20   | S1 |  |
| 20 | - 20.5 | C2 |  |

CASING: C1 2', Sch 40 PVC

C2 PVC bottom plug

C3 \_\_\_\_\_

C4 \_\_\_\_\_

SCREEN: S1 2', Sch 40, Ø. 020'

Slot PVC

S2 \_\_\_\_\_

S3 \_\_\_\_\_

CENTRALIZERS: None

FILTER MATERIAL: #3 Clementina Sand  
3.5-20.5'

CEMENT: 0-2.5'

OTHER: Bentonite pellets 2.5-3.5'

## CONSTRUCTION TIME LOG:

| TASK              | START |      | FINISH |      |
|-------------------|-------|------|--------|------|
|                   | DATE  | TIME | DATE   | TIME |
| DRILLING:         | 1991  |      | 1991   |      |
|                   | 4/25  | 1331 | 4/25   | 1418 |
| GEOPHYS. LOGGING  | None  |      |        |      |
| CASING:           | 4/25  | 1428 | 4/25   | 1435 |
| FILTER PLACEMENT: | 4/25  | 1435 | 4/25   | 1500 |
| CEMENTING:        | 4/25  | 1800 | 4/25   | 1900 |
| DEVELOPMENT:      | 4/26  | 0950 | 4/26   | 1100 |
| OTHER:            |       |      |        |      |

## WELL DEVELOPMENT:

Swab screened section with 2' teflon bailer for 10 minutes. Ball 40 gallons (until field parameters stabilized).

## COMMENTS:

Static water level = 7.62' BGS (4-26-91).

Field parameters at the end of development:

Temperature: 59.5° F

EC = 1610 µs/cm

pH = 5.91

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