

Log No. _____
Permit No. _____
Basin 105 pg 1

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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. 10951

1. OWNER U.S. Geological Survey ADDRESS AT WELL LOCATION Douglas County Airport
MAILING ADDRESS 2730 N. Deer Run Rd. south end of runway 600 ft east
Carson City, NV 89701
2. LOCATION SW 1/4 NW 1/4 Sec. 16 T. 13 N/S R. 20 E Douglas County
PERMIT NO. M/O-1457 1320-08-004 1320-08-002-067
Issued by Water Resources Parcel No. Subdivision Name

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

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thick-ness |
|--------------------------------|--------------|------|-----|------------|
| Sand, gravel, brown clay | X | 0 | 42 | 42 |
| Brown clay | | 42 | 52 | 10 |
| Rounded gravel and course sand | | 52 | 80 | 28 |
| Brown clay | | 80 | 102 | 22 |
| Gravel and course sand | | 102 | 132 | 30 |
| Brown clay | | 132 | 167 | 35 |
| Green-gray clay | | 167 | 172 | 5 |
| Course sand | | 172 | 187 | 15 |
| Sand and clay layers | | 187 | 250 | 63 |
| Green-gray clay | | 250 | 287 | 37 |
| Sand, clay, and gravel | | 287 | 345 | 58 |

GPS: 38° 59' 26.5" N 119° 44' 56.3" W
Datum: NAD 83
05/15/08

8. WELL CONSTRUCTION
Depth Drilled 345 Feet Depth Cased 335 Feet
HOLE DIAMETER (BIT SIZE)
From 0 To 345 Feet
6 3/4 Inches

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|--------------------|---------------------|-------------------------|-------------|-----------|
| 2 | | Sched. 80 | +2 | 335 |

Perforations:
Type perforation Machine slot
Size perforation 0.02
From 305 feet to 325 feet
Surface Seal: Yes No Seal Type:
Depth of Seal 0-293, 335-345-chips, Neat Cement
Placement Method: Pumped Bentonite Cement Grout
 Poured Concrete Grout
Gravel Packed: Yes No Bentonite grout 30% Solids
From 335 feet to 293 feet

9. WATER LEVEL
Static water level 15 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 Douglas K. Maurer Contractor
Address USGS 2730 N. Deer Run Rd. Carson City, NV 89701
Nevada contractor's license number issued by the State Contractor's Board FP-1522
Nevada driller's license number issued by the Division of Water Resources, the on-site driller
Signed _____ By driller performing actual drilling on site or contractor
Date 11/20/07

Date started 11/07/07 19
Date completed 11/14/07 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 | 10 | | 1 |

2007 NOV 21 PM 1:37



US 345

N-S Runway

Airport Rd.

Douglas County Airport

Herburn Rd

6-inch well

2-inch well

Dirt Rd

780'

15'

Bently Gate

Douglas County
EXP-2
well

STATE ENGINEERS OFFICE

NOV 21 PM 1:37 Not to Scale

10/17/1981

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