STATE OF NEVADA

# DIVISION OF WATER RESOURCES
# WELL DRILLER'S REPORT

PRINT OR TYPE ONLY

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

OFFICE USE ONLY
Log No. 114012
Permit No.
Basin 104

NOTICE OF INTENT NO. 66464

1. OWNER Carson City School Dist.
MAILING ADDRESS 1111 N. Saliman Rd.
SE NW Carson City, NV 89701

ADDRESS AT WELL LOCATION 1111 N. Saliman Rd.
Carson City, NV 89701
Subdivision Name: County: Carson

2. LOCATION ¼ ¼ Sec 16 T 15 N/ R 20 E
Latitude N39.16821 UTM E ☐ NAD 27
Longitude W119.74676 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. 010-041-64
Issued by Water Resources Parcel. No.

3. WORK PERFORMED
☒ New Well ☐ Replace ☐ Recondition
☐ Deepen ☐ Other geothermal

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 | Thickness |
|---|---|---|---|---|
| DG | | 0 | 35 | 35 |
| Gray Sandy Clays | | 35 | 46 | 11 |
| DG w/clay streaks | | 46 | 95 | 49 |
| Rusty Sandy Clays | | 95 | 111 | 16 |
| Brown Sandy Clays | | 111 | 139 | 28 |
| DG | | 139 | 166 | 27 |
| Gray Sandy Clays | | 166 | 211 | 45 |
| Gray Sands w/gray clay streaks | | 211 | 300 | 89 |

Well # 5

Geothermal Heat Loop Grouted from bottom to top with High TC Geothermal Grout.
1" loops 1 per well.

Date started: 5-13, 20 11
Date completed: 5-13, 20 11

7. Water Level
Static water level feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: °F
Quality: not tested

8. WELL TEST DATA
TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

9. WELL CONSTRUCTION
Depth Drilled 300 Feet Depth Cased 299 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 5 7/8 Inches | 0 Feet | 300 Feet |
| Inches | Feet | Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 1" | | POLY | +5 | 299 |

Perforations:
Type of perforation NONE
Size of perforation
From feet to feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☐ Yes ☐ No
☐ Neat Cement to ☐ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☒ ≥30% Bentonite Grout 0 to 299 ☒ Pumped ☐ Poured
Gravel Pack: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:
Bentonite Chips: ☐ Yes ☒ No to ☐ Pumped ☐ Poured
Type:

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name Bruce MacKay Pump & Well Service, Inc. (CONTRACTOR)
Address 1600 Mt. Rose Hwy (CONTRACTOR)
Reno, NV 89511
Nevada contractor's license number issued by the State Contractor's Board 23095 6
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 923
Signed R. Bruce Mackay
By driller performing actual drilling on site or contractor
Date 5-25-11

(Rev 05-06) USE ADDITIONAL SHEETS IF NECESSARY

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39.168300°N
119.745746°W NAD 27