STATE OF NEVADA

# DIVISION OF WATER RESOURCES
# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 105892
Permit No.
Basin 089

PRINT OR TYPE ONLY

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

NOTICE OF INTENT NO. 61948

1. OWNER Nevada Dept. of Transportation
MAILING ADDRESS 1263 Stewart St.
Carson City

ADDRESS AT WELL LOCATION 1135 Hwy 395
Washoe Valley
Subdivision Name: County: Washoe

2. LOCATION SW¼NW¼ Sec26T17N/ R19E
Latitude 39.31340 UTM E ☐ NAD 27
Longitude 119.82304 N ☒ NAD 83/WGS 84

PERMIT/WAIVER NO. 51087 (Issued by Water Resources) 046-051-22 (Parcel. No.)

3. WORK PERFORMED
☒ New Well ☒ Replace ☐ Recondition
☐ Deepen ☐ 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 | Thickness |
|---|---|---|---|---|
| Top soil | | 0 | 1 | 1 |
| Black sandy clay | | 1 | 3 | 2 |
| Rusty D.G. | | 3 | 9 | 6 |
| Granite boulder | | 9 | 10 | 1 |
| Rusty brown clay streaks | | 10 | 22 | 12 |
| Granite boulder | | 22 | 24 | 2 |
| Rusty brown D.G. | | 24 | 44 | 20 |
| Weatherd granite | | 44 | 51 | 7 |
| Hard gray granite | | 51 | 58 | 7 |
| Weatherd granite | | 58 | 90 | 32 |
| Soft zone | | 90 | 97 | 7 |
| Weatherd granite | | 97 | 111 | 14 |
| Fracture | x | 111 | 112 | 1 |
| Hard weatherd granite | | 112 | 116 | 4 |
| Weatherd granite | | 116 | 135 | 19 |
| Hard granite | | 135 | 159 | 24 |
| Fracture granite | x | 159 | 168 | 9 |
| Hard gray granite | | 168 | 175 | 7 |
| Washoe Permit WL080017 | | | | |
| N 39.313506 | | | | |
| W 119.822037 NAD27 | | | | |

Date started: 3/11, 20 08
Date completed: 3/17, 20 08

9. WELL CONSTRUCTION
Depth Drilled 175 Feet Depth Cased 175 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 10 5/8 Inches | 0 Feet | 175 Feet |
| Inches | Feet | Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 6 5/8 | 12.92 | .188 | +2 | 175 |

Perforations:
Type of perforation Machine cut
Size of perforation 3/32 x 3
From 115 feet to 175 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: ☒ Yes ☐ No
☒ Neat Cement 0 to 100 ☒ Pumped ☐ Poured
☐ Cement Grout to ☐ Pumped ☐ Poured
☐ Concrete Grout to ☐ Pumped ☐ Poured
☐ ≥30% Bentonite Grout to ☐ Pumped ☐ Poured
Gravel Pack: ☒ Yes ☐ No 100 to 175 ☐ Pumped ☐ Poured
Type: 1/4 x 1/8
Bentonite Chips: ☐ Yes ☐ No to ☐ Pumped ☐ Poured
Type:

7. Water Level
Static water level: 17 feet below land surface
Artesian Flow: G.P.M. P.S.I
Water Temperature: Cool °F
Quality: Not tested

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

| G.P.M. | Draw Down (Feet Below Static) | Time (Hours) |
|---|---|---|
| 60+ | | 3 |

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 23096
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 3/18/08


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