STATE OF NEVADA
DIVISION OF WATER RESOURCES
# WELL DRILLER'S REPORT

OFFICE USE ONLY
Log No. 113258
Permit No.
Basin

**PRINT OR TYPE ONLY**
**DO NOT WRITE ON BACK**

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

NOTICE OF INTENT NO. 32499

1. OWNER city of mesquit
MAILING ADDRESS 10e mesquite blvd mesquite nv 89027

ADDRESS AT WELL LOCATION mesquite
birde LN & HIGHLAND HILLS Dr

2. LOCATION SW ¼ SW ¼ Sec 7 T 13 N/S R 71 E
PERMIT/WAIVER No. 001-07-407-022
Issued by Water Resources Parcel No.

Latitude 36.48.41.74
Longitude 114.06.27.67.
UTM E N
☐ NAD 27 ☑ NAD 83/WGS 84
Subdivision Name: County: Clark

3. WORKED 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... has

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Attaced log | | | | |
| 0011011 well 4 | | | | |

Date started 27-Oct , 20 10
Date completed 27-Oct , 20 10

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 17'1" Feet Depth Cased 16'1' Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 8" | Inches | 0 | Feet | 17'1" | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| .5 | pvc | sch80 | 0 | 16'1" |
| | | | | |
| | | | | |

Perforations:
Type of perforation slilled slrich
Size of perforation 0.10"
From a8 feet to a8'6" feet
From 15'6" feet to 16' feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☑ Yes ☐ No
Depth of Seal 5'
Placement Method: ☐ Pumped ☑ Poured
Gravel Packed: ☑ Yes ☐ No
From a7' b14'4" feet to.. a9'6 " b17'1" feet

Seal Type: ☐ Neat Cement ☐ Cement Grout ☐ Concrete Grout

9. WATER LEVEL
Static water level no 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 Eagle Drilling Services llc
Contractor
Address 7150 Placid street
Contractor
las vegas nv 89119
Nevada contractor's license number issued by the *State Contractor's Board* 51266
Nevada driller's license number issued by the Division of Water Resources, the *on-site driller* 2097
Signed
By driller performing actual drilling on site or contractor
Date 11-9-10

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(Rev. 06/10)

**USE ADDITIONAL SHEETS IF NECESSARY**

| GES | JOB NAME: Old Mesquite Landfill Methane Probes | BORING # MW-4 |
|---|---|---|

| JOB # | START 10-29-10 2:06 PM | LOCATION: Birdie Lane and Highland Hills Drive Mesquite, Nevada |
|---|---|---|
| M20102764E1 | END: 10-29-10 4:00 PM | |

| TOTAL DEPTH: 17' 1" | GROUND WATER DEPTH: NE | COMMENTS: Artificial Fill; Bentonite Seal; 3/8" Gravel Pack; Native Cuttings; 1 1/2" PVC Pipe; 1/2" PVC 0.10" Screen; 1/2" PVC Cap |
|---|---|---|
| ELEVATION: EGS | DATE: | |
| | TIME: | |
| EQUIPMENT: Diedrich D-50 | TYPE OF BIT: 8" O.D. HSA | |
| HAMMER (lbs/inches): 140 # / 30" | DRILLER: Tim Thompson | |
| SURFACE CONDITION: desert landscape rock | LOGGER: Michael Stojanoff | SURFACE DRY DENSITY (pcf): not tested; SURFACE MOISTURE CONTENT (%): not tested |

| DEPTH (FEET) | REC | SAMPLE TYPE | BLOWS/ 6 INCHES | USCS | DESCRIPTION | WELL CONST. | DEPTH (FEET) |
|---|---|---|---|---|---|---|---|
| 1 | | | | SM | Fill- Reddish yellow (5YR 6/6) Silty SAND, moist | | 1 |
| 2 | | | | | | | 2 |
| 3 | | | | | | | 3 |
| 4 | | | | SC | Fill- Yellowish red (5YR 5/6) Clayey SAND, moist | | 4 |
| 5 | | | | | | | 5 |
| 6 | 21 sec/ft | | | SC/CL | Yellowish red (5YR 5/6) Clayey SAND to Sandy Lean CLAY, weakly cemented, moist; Muddy Creek Formation (Miocene-Pliocene) | | 6 |
| 7 | | | | | | | 7 |
| 8 | | | | | | | 8 |
| 9 | | | | | | | 9 |
| 10 | | | | | | | 10 |
| 11 | 11 sec/ft | | | SC | Yellowish red (5YR 5/6) Clayey SAND, moist; Muddy Creek Formation (Miocene-Pliocene) | | 11 |
| 12 | | | | | | | 12 |

A

B

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GES

JOB NAME: Old Mesquite Landfill Methane Probes

BORING # MW-4 cont.

JOB # M20102764 E1

LOCATION: Birdie Lane and Highland Hills Drive

| DEPTH (FEET) | REC | SAMPLE TYPE | BLOWS/ 6 INCHES | USCS | DESCRIPTION | WELL. CONST. | DEPTH (FEET) |
|---|---|---|---|---|---|---|---|
| | | | | SC | Yellowish red (5 YR 5/6) Clayey SAND, moist. Muddy Creek Formation (Miocene-Pliocene) | | |
| 13 | | | | | | | 13 |
| 14 | | | | | | | 14 |
| 15 | | Bulk | | | | | 15 |
| 16 | | | | SM | Reddish yellow (5 YR 7/6) Silty SAND, moist; Muddy Creek Formation (Miocene-Pliocene) | | 16 |
| 17 | | | | | End of Boring at 17'1" | | 17 |
| 18 | | | | | | | 18 |
| 19 | | | | ☆ | See Photograph #5: Well at completion | | 19 |
| 20 | | | | | | | 20 |
| 21 | | | | | | | 21 |
| 22 | | | | | | | 22 |
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