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STATE OF NEVADA

DIVISION OF WATER RESOURCES

# WELL DRILLER'S REPORT

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

OFFICE USE ONLY
Log No. 112485
Permit No.
Basin 222

NOTICE OF INTENT NO. 35504

1. OWNER City of Mesquite
MAILING ADDRESS 10 E. Mesquite Nlbd.
Mesquite, NV 89027

ADDRESS AT WELL LOCATION Mesquite town wash
Riverside Road/Haven Lane
Mesquite, NV

2. LOCATION SW ¼ SW ¼ Sec 16 T 13 S R 71 E CLARK County

PERMIT NO. DW1306 (Issued by Water Resources) | 001-16-496-002 (Parcel No.) | Subdivision Name

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

4. PROPOSED USE
☐ Domestic ☐ Irrigation ☐ Test
☐ Municipal/Industrial ☐ Monitor ☐ Stock

5. WELL TYPE
☐ Cable ☐ Rotary ☐ RVC
☐ Air ☒ Other auger

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| 1-Dewatering wells | | | | |
| Sugar sand | | 0 | 12 | 12 |
| Rock, gravel, sand | x | 12 | 23 | 12 |
| Soft clay | | 23 | 25 | 2 |
| Rock, gravel, sand | x | 25 | 38 | 13 |
| WGS84 | | | | |
| N36 47' 52.36" | | | | |
| W114 04'23.90" | | | | |

DCNR/DWR
RECEIVED
DEC 06 2010
LAS VEGAS OFFICE

Date started 9/21, 20 10
Date completed 11/9, 20 10

7. WELL TEST DATE

TEST METHOD: ☐ Bailer ☐ Pump ☐ Air Lift

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

8. WELL CONSTRUCTION

Depth Drilled 38 Feet Depth Cased 38 Feet

HOLE DIAMETER (BIT SIZE)

| | From | To |
|---|---|---|
| 24 Inches | 0 Feet | 38 Feet |
| Inches | Feet | Feet |
| Inches | Feet | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 14 | 37 | 1/4 | +2 | 38 |

Perforations:
Type perforation Machine
Size perforation 1/4"x2.5"x21 per ft.
From 18 feet to 38 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Surface Seal: ☐ Yes ☒ No Seal Type:
Depth of Seal ☐ Neat Cement
Placement Method: ☐ Pumped ☐ Cement Grout
☐ Poured ☐ Concrete Grout
Gravel Packed: ☒ Yes ☐ No
From 0 feet to 38 feet

9. WATER LEVEL
Static water level 12 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 ALLEN DRILLING INC. (CONTRACTOR)
Address 4015 WEST TOMPKINS AVE. (CONTRACTOR)
LAS VEGAS, NV 89103
Nevada contractor's license number issued by the State Contractor's Board 0018916 & 0018917
Nevada driller's license number issued by the Division of Water Resources, the on-site driller 2231
Signed Victor Estes
By driller performing actual drilling on site or contractor
Date December 2, 2010