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

OFFICE USE ONLY
Log No. 111856
Permit No.
Basin 212

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

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

NOTICE OF INTENT NO. 35420

1. OWNER CHURCH ROMAN CATHOLIC BISHOP
MAILING ADDRESS PO BOX 18316
Las Vegas, NV 89114

ADDRESS AT WELL LOCATION 4835 S Pearl St
MW-10 Las Vegas, NV
Subdivision Name: County: Clark

2. LOCATION SW ¼ SW ¼ Sec 19 T 21S N/S R 62 E
PERMIT/WAIVER No. 161-19-403-013
Issued by Water Resources Parcel No.

Latitude 36.101730 UTM E [x] NAD 27
Longitude 115.097311 N [ ] NAD 83/WGS 84

3. WORKED PERFORMED
[x] New Well [ ] Replace [ ] Recondition
[ ] Deepen [ ] Other

4. PROPOSED USE
[ ] Domestic [ ] Irrigation [ ] Test
[ ] Municipal/Industrial [x] Monitor [ ] Stock

5. WELL TYPE
[ ] Cable [ ] Rotary [ ] RVC
[ ] Air [x] Other Auger

6. LITHOLOGIC LOG

| Material | Water Strata | From | To | Thickness |
|---|---|---|---|---|
| Fill | | 0 | 1 | 1 |
| Silty Sand | | 1 | 4 | 3 |
| Caliche | | 4 | 7 | 3 |
| Sandy Clay | | 7 | 18 | 11 |
| Clayey Silt | | 18 | 29 | 11 |
| Silty Clay | | 29 | 35 | 6 |
| Clay | | 35 | 40 | 5 |
| Sandy Clay | | 40 | 44 | 4 |
| Silty Clay | | 44 | 50 | 6 |
| Clay | | 50 | 60 | 10 |

Date started: 28-Jun, 20 10
Date completed: 28-Jun, 20 10

DCNR/DWR RECEIVED JUL 19 2010 LAS VEGAS OFFICE

9. WELL CONSTRUCTION
Depth Drilled 60 Feet Depth Cased 60 Feet

HOLE DIAMETER (BIT SIZE)

| | | From | | To | |
|---|---|---|---|---|---|
| 8 | Inches | 0 | Feet | 60 | Feet |
| | Inches | | Feet | | Feet |
| | Inches | | Feet | | Feet |

CASING SCHEDULE

| Size O.D. (Inches) | Weight/Ft. (Pounds) | Wall Thickness (Inches) | From (Feet) | To (Feet) |
|---|---|---|---|---|
| 2.375 | | Sch 40 | 0 | 60 |
| | | | | |
| | | | | |

Perforations:
Type of perforation: Factory Slotted
Size of perforation: 0.02
From 55 feet to 60 feet
From feet to feet
From feet to feet
From feet to feet
From feet to feet

Annular Seal: [x] Yes [ ] No
[x] Neat Cement 1 to 51 [x] Pumped [ ] Poured
[ ] Cement Grout to [ ] Pumped [ ] Poured
[ ] Concrete Grout to [ ] Pumped [ ] Poured
[ ] ≥30% Bentonite Grout to [ ] Pumped [ ] Poured

Gravel Pack: [x] Yes [ ] No 53 to 60 [ ] Pumped [x] Poured
Type: #3 Monterey
Bentonite Chips: [x] Yes [ ] No 51 to 53 [ ] Pumped [x] Poured
Type: 1/2" Bentonite Pellets

7. Water Level
Static water level: 55.1 feet below land surface
Artesian Flow: G.P.M. P.S.I.
Water Temperature: °F
Quality:

8. WELL TEST DATA
TEST METHOD: [ ] Bailer [ ] Pump [ ] Air Lift

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

10. DRILLER'S CERTIFICATION
This well was drilled under my supervision and the report is true to the best of my knowledge.
Name WDC Exploration & Wells (Contractor)
Address 570 Corinthian Way (Contractor)
N. Las Vegas, NV 89030
Nevada contractor's license number issued by the *State Contractor's Board* 0012852
Nevada driller's license number issued by the Division of Water Resources, the ~~*on-site driller*~~ M-2381
Signed (By driller performing actual drilling on site or contractor)
Date 7-12-10

(Rev. 05-06)

**USE ADDITIONAL SHEETS IF NECESSARY**