

WELL CONSTRUCTION RECORD

North Carolina - Department of Environment and Natural Resources - Division of Water Quality - Groundwater Section

WELL CONTRACTOR (INDIVIDUAL) NAME (print) Eric Sadorf CERTIFICATION # 3217

WELL CONTRACTOR COMPANY NAME U. S. Geological Survey, WRD, Raleigh N.C. PHONE # (919) 571-4000

STATE WELL CONSTRUCTION PERMIT# NA ASSOCIATED WQ PERMIT# NA
(if applicable) (if applicable)

1. WELL USE (Check Applicable Box): Residential Municipal/Public Industrial Agricultural
Monitoring Recovery Heat Pump Water Injection Other If Other, List Use _____

2. WELL LOCATION:
Nearest Town: Camp Lejeune MCB County Onslow

(Street Name, Numbers, Community, Subdivision, Lot No., Zip Code)

Topographic/Land setting
 Ridge Slope Valley Flat
(check appropriate box)

Latitude/longitude of well location
N 34 37 36.6 W 077 14 55.7
(degrees/minutes/seconds)

3. OWNER: U. S. Marine Corp Base
Address Camp Lejeune, N.C.
(Street or Route No.)

Latitude/longitude source: GPS Topographic map
(check box)

City or Town State Zip Code
()-
Area code- Phone number

DEPTH		DRILLING LOG
From	To	Formation Description
<u>0-2</u>		<u>FINE SILTY BROWN SAND</u>
<u>2-4</u>		<u>FINE SILTY LT TAN SAND</u>
<u>4-8</u>		<u>FINE SILTY OLIVE MOIST SAND</u>
<u>8-10</u>		<u>NO CUTTINGS</u>
<u>10-12</u>		<u>FINE SILTY OLIVE SAND</u>
<u>12-16</u>		<u>NO CUTTINGS</u>
<u>16-17</u>		<u>FINE SILTY OLIVE SAND</u>
<u>17-20</u>		<u>HARD LAYER (CHECK CUTINGS)</u>

4. DATE DRILLED 12/02/03

5. TOTAL DEPTH: 19.5 BELOW LAND

6. DOES WELL REPLACE EXISTING WELL? YES NO

7. STATIC WATER LEVEL Below Top of Casing: 9.25 FT.
(Use "+" if Above Top of Casing)

8. TOP OF CASING IS 3.22 FT. Above Land Surface*
*Top of casing terminated at/or below land surface requires a variance in accordance with 15A NCAC 2C .0118.

9. YIELD (gpm): 5 GPM METHOD OF TEST PUMP + BUCKET

10. WATER ZONES (depth): 4.0' TO 19.5' BELOW LAND

LOCATION SKETCH

11. DISINFECTION: Type NA Amount _____

12. CASING: Wall Thickness
From 0.0 To 9.5 Ft. 2 Sch 40 Material PVC
From _____ To _____ Ft. _____ Sch _____ Material _____
From _____ To _____ Ft. _____ Sch _____ Material _____

Show direction and distance in miles from at least two State Roads or County Roads. Include the road numbers and common road names.

13. GROUT: Depth Material Method
From 0.0 To 3.0 Ft. Cement _____
From 3.0 To 5.0 Ft. Bentonite _____

14. SCREEN: Depth Diameter Slot Size Material
From 9.5 To 19.5 Ft. 2 in. .010 in. PVC
From _____ To _____ Ft. _____ in. _____ in. _____

15. SAND/GRAVEL PACK:
Depth Size Material
From 5.0 To 19.5 Ft. #2 Sand and Cave-in
From _____ To _____ Ft. _____ _____

16. REMARKS: LOCAL WELL NAME : OD/OD G-10 MW-12 USGS ID 343737077145601 Land Surface 52.19

I DO HEREBY CERTIFY THAT THIS WELL WAS CONSTRUCTED IN ACCORDANCE WITH 15A NCAC 2C, WELL CONSTRUCTION STANDARDS, AND THAT A COPY OF THIS RECORD HAS BEEN PROVIDED TO THE WELL OWNER

SIGNATURE OF PERSON CONSTRUCTING THE WELL

DATE