

# 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 28.4 W 077 25 38.2

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

4. DATE DRILLED 11/06/03  
5. TOTAL DEPTH: 20.0' BELOW LAND  
6. DOES WELL REPLACE EXISTING WELL? YES  NO   
7. STATIC WATER LEVEL Below Top of Casing: 12.07 FT.  
(Use "+" if Above Top of Casing)

DEPTH		DRILLING LOG
From	To	Formation Description
0-2		SANDY TAN CLAY
2-4		FINE SANDY TAN CLAY
4-6		SANDY RED/TAN CLAY PLASTIC
6-8		SANDY TAN CLAY PLASTIC
8-10		VERY SANDY BROWN CLAY
10-12		FINE SANDY BR/TAN CLAY
12-14		FINE SANDY TAN CLAY SOFT DRILLING
14-16		SAME, NO WATER
16-18		NO CUTTINGS
18-20		FINE SAND LITTLE SILT TAN/GRAY

8. TOP OF CASING IS 3.10 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): <1 GPM METHOD OF TEST PUMP AND BUCKET  
10. WATER ZONES (depth): 8.0' TO 19.5' BELOW LAND

### LOCATION SKETCH

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

11. DISINFECTION: Type NA Amount \_\_\_\_\_

12. CASING: Wall Thickness  

From	To	Depth	Diameter	or Weight/Ft.	Material
From <u>0.0</u>	To <u>10.0</u>	Ft. <u>2</u>	<u>Sch 40</u>	<u>PVC</u>	
From _____	To _____	Ft. _____	_____	_____	_____
From _____	To _____	Ft. _____	_____	_____	_____

13. GROUT: Material Method  

From	To	Depth	Material	Method
From <u>0.0</u>	To <u>5.0</u>	Ft. <u>Bentonite</u>		
From <u>5.0</u>	To <u>8.0</u>	Ft. <u>Cement</u>		

14. SCREEN: Material  

From	To	Depth	Diameter	Slot Size	Material
From <u>10.0</u>	To <u>20.0</u>	Ft. <u>2</u>	<u>in.</u>	<u>.010</u>	<u>PVC</u>
From _____	To _____	Ft. _____	_____	_____	_____

15. SAND/GRAVEL PACK:  

From	To	Depth	Size	Material
From <u>8.0</u>	To <u>20.0</u>	Ft. <u>#2</u>	<u>Sand</u>	
From _____	To _____	Ft. _____	_____	_____

16. REMARKS: LOCAL WELL NAME : OD/OD K-2 MW-2 USGS ID 343728077253801 Land Surface 12.52

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