

This is WELL TT-23

1. WELL LOCATION: (Show sketch of the location below)
Nearest Town: Camp Lejeune County: Onslow
Jarawa Terrace (Relocated #638) Quadrangle No. X24, b-
(Road, Community or Subdivision and Lot No.)

2. OWNER: Camp Lejeune DRILLING LOG

3. ADDRESS: _____ DEPTH FROM _____ TO _____ FORMATION DESCRIPTION: _____

4. TOPOGRAPHY: draw, valley, slope, hilltop, flat (circle one)

5. USE OF WELL: Public DATE: 3-14-83 0' 60' sand

6. DOES THIS WELL REPLACE AN EXISTING WELL? No 65 100 limestone

7. TOTAL DEPTH: 147' RIG TYPE OR METHOD: rotary 100 125' clay

8. FORMATION SAMPLES COLLECTED: YES NO 125 200 sand

9. CASING:	Depth	Inside Dia.	Wall thick. or weight/ft.	type	
	From <u>0</u> to <u>70</u> ft	<u>24"</u>	<u>375 wall schedule 40</u>	<u>Black</u>	<u>200 260</u>
	<u>95</u> <u>132</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>clay</u>
	<u>142</u> <u>147</u>	<u>"</u>	<u>"</u>	<u>"</u>	<u>clay</u>

10. GROUT:	Depth	Material	Method
	From <u>0</u> to <u>50</u> ft	<u>Cement</u>	<u>pumped</u>

If additional space is needed, use back of form

11. SCREEN:	Depth	Dia.	Type & Opening
	From <u>70</u> to <u>95</u> ft	<u>10"</u>	<u>.20 slot S.S.</u>
	<u>132</u> <u>142</u>	<u>"</u>	<u>"</u>

LOCATION SKETCH (Show distance to numbered roads, or other map reference points)

12. GRAVEL:	Depth	Size	Material
	From <u>0</u> to <u>155</u> ft	<u>Fine</u>	<u>sand</u>

13. WATER PROPERTIES: _____ 13. WATER ZONE _____

14. STATIC WATER LEVEL: 29.8' ft below top of casing. Casing is 4 ft. above land surface ELEV: _____

15. YIELD (gpm): 162 METHOD OF TESTING: pumped

16. PUMPING WATER LEVEL: 65' 4" ft. after 24 hours at 162 gpm.

17. CHLORINATION: Type HTH Amount 5 lbs.

18. WATER QUALITY: _____

19. PERMANENT PUMP: Date Installed _____
Type _____ Capacity _____ (gpm) HP _____
Make _____ Intake Depth _____
Airline Depth _____

20. HAS THE OWNER BEEN PROVIDED A COPY OF THIS RECORD AND INFORMED OF THE DEPARTMENTS REQUIREMENTS AND RECOMMENDATIONS? _____

21. REMARKS
I do hereby certify that this well was constructed in accordance with N.C. Well Construction Regulations and Standards and that this well record is true and exact.

C.W. Binkley 4-7-83
SIGNATURE OF CONTRACTOR OR AGENT DATE

TT-23

Should be X246. SEE CONSTRUCTION LOG.

NORTH CAROLINA DEPARTMENT OF NATURAL AND ECONOMIC RESOURCES
OFFICE OF WATER AND AIR RESOURCES

GROUND WATER DIVISION

P. O. Box 27687 - Raleigh, N. C. 27611

0N1450

PUMPING TEST RECORD

660135 WC 0086

Test Conducted by: C.W. Brinkley & Son, Inc. Well Construction Permit No. _____

1. WELL LOCATION: Nearest Town: Camp Lejeune County: Onslow

Jarawa Terrace (Relocated # 638) Quadrangle No. X24C
(Road No., Community, or Subdivision and Lot No.) 344412

2. OWNER: Camp Lejeune Name LONG. Should be 77°21'56" 771701 Address

3. USE OF WELL: () Domestic () Public () Industrial () Irrigation () Other

4. WELL DEPTH: 147 ft. Casing Diameter 10 in. Casing type: schedule 40 Black

5. DRILLING CONTRACTOR: C.W. Brinkley & Son, Inc. Was casing grouted? yes

6. STATIC WATER LEVEL: 29'8" ft. ^{above} below top of casing. Casing is 4 ft. above land surface. Date Measured: 3-14-83 ALT. = 23.29 + 4 - 29.7 = -1.8

7. WELL YIELD: 162 gpm. Specific Capacity: CASING IS 4' ABOVE LS gpm/ft.-dd.

8. PUMPING WATER LEVEL: 65'4" ft. after 24 hours at 162 gpm.

9. CHLORINATION: Type HTH Amount 5 lbs.

10. TIME AND DATE PUMP STARTED: 10:05 A.M. 3-15-83 TIME AND DATE PUMP STOPPED: 10:05 A.M. 3-16-83

11. WATER LEVEL MEASURING DEVICE: Indicator FLOW MEASURING DEVICE: 3x4 orifice

12. TEST PUMP: Type lin shaft Make _____ Horse Power 80
Capacity _____ gpm at _____ T D H. Intake Depth 85 ft.

Time	Water Level	Pumping Rate	MINUTES	PUMPING LEVEL, FT.	Remarks
10:05	29' 8"		0	29.67	
10:06	45' 6"	162	1	45.5	
10:07	47' 2"	"	2	47.17	
10:08	48' 6"	"	3	48.5	
10:09	49' 3"	"	4	49.25	
10:10	50' 0"	"	5	50.	
10:11	51' 8"	"	6	51.67	
10:12	52' 2"	"	7	52.17	
10:13	52' 6"	"	8	52.5	
10:14	53' 0"	"	9	53	
10:16	53' 6"	"	11	53.5	
10:18	54' 2"	"	13	54.17	
10:20	55' 5"	"	15	55.42	

PUMPING TEST RECORD

Continued

(Relocated # 638)

X242

Time	Water Level	Pumping Rate	MINUTES	PUMPING LEVEL, FT	0N1450 Remarks
10:30	56' 0"	162	25	56	
10:40	60' 8"	"	35	60.67	
10:50	61' 2"	"	45	61.17	
11:00	62' 2"	"	55	62.17	
11:30	63' 0"	"	85	63	
12:30	64' 1"	"	145	64.08	
1:00	64' 4"	"	175	64.33	
2:00	64' 6"	"	235	64.50	
3:00	64' 6"	"	295	64.50	
4:00	64' 7"	"	355	64.58	
5:00	64' 7"	"	415	64.58	
6:00	64' 10"	"	475	64.83	
7:00	65' 0"	"	535	65	
8:00	65' 1"	"	595	65.08	
9:00	65' 1"	"	655	65.08	
10:00	65' 1"	"	715	65.08	
11:00	65' 1"	"	775	65.08	
12:00	65' 2"	"	835	65.17	
1:00	65' 3"	"	895	65.25	
2:00	65' 4"	"	955	65.33	
3:00	65' 4"	"	1015	65.33	
4:00	65' 4"	"	1075	65.33	
5:00	65' 4"	"	1135	65.33	
6:00	65' 4"	"	1195	65.33	
7:00	65' 4"	"	1255	65.33	
8:00	65' 4"	"	1315	65.33	

